



ZEE LINE

by **MILTON**

MILTON
BRANDS

2023 CATALOG

MILTON

SIMPLY BETTER AIR®
... and Beyond

PRO
MAX
Engineered Performance
by **MILTON**

STECK

Innovative autobody tools and equipment

by **MILTON**

TABLE OF CONTENTS



MILTON PRODUCT CATALOG

100 SERIES – Blo-Guns	4 - 15
200/300 SERIES – Kits & Faucets	16 - 24
400/1400 SERIES – Tire Valves & Tire Repair	25 - 32
500 SERIES – Inflator & Heavy Duty Gages	33- 45
600/1600 SERIES – Brass Fittings, Air Hose, & Air Chucks	46 - 57
700/1700/1800 SERIES – Couplers & Plugs	58 - 79
800 SERIES – Driveway Signals & Accessories	80
900 SERIES – Pressure Gages	81 - 84
1000/1100 SERIES – FRL & Accessories	85 - 107
1200 SERIES – Test Equipment	108 - 109
2000/2100 SERIES – Cam & Groove Couplers	110 - 111
2200 SERIES – Push-to-Connect	112 - 113
2700 SERIES – Hose Reels & Accessories	114 - 117
2800 SERIES – The Brake Releaser®	118 - 119
3100 SERIES – Grease Guns	120
Merchandisers	121 - 122



ZEELINE PRODUCT CATALOG

OIL	124 – 152
GREASE	153 - 172
FUEL	173 – 181
DEF	182 - 187
CHEMICAL	188 - 196
ACCESSORIES	197 - 206
CHEMICAL RESISTANCE CHARTS	207 - 210

SPECIALTY TOOLS



MILTON SPECIALTY TOOL PRODUCT CATALOG

Sockets	212 - 213
EV Tools	214



LTI TOOLS PRODUCT CATALOG

Air Hammers & Accessories	216 - 220
Car Repair Kits	221 - 224
Torque Extensions & Sockets	225 - 227
Twist Sockets	228 - 229
Wheel & Brake	230 - 235
Miscellaneous	236 - 238



ProMAXX TOOL PRODUCT CATALOG

Ford Repair Kits	240 - 241
Power Stroke Repair Kits	242 - 243
GM Repair Kits.....	244
CDJR Repair Kits	245 - 246
CLASS 8 Repair Kits	247
Wheel Bearing Puller	248
Fuel Injectors, Oil Tubes, Seals & More	249 - 250
Repair Accessories	251 - 254



STECK PRODUCT CATALOG

Auto Body Tools	256 - 270
Car Repair Kits	271 - 274
Mechanic's Tools.....	275 - 276
Painter's Tools	277 - 279
Specialty Tools	280 - 285
Towing Tools	286

100 SERIES

BLO-GUNS

107



107

SAFETY BUTTON BLO-GUN

- OSHA compliant when dead ended (static pressure)
- Compact, hand-held unit can be used anywhere with compressed air



Boxed Part No.	Retail Part No.	Per Card	Max Inlet Pressure	Product Specs				
				SCFM @ 100 PSI	Air Inlet	Nozzle Thread	Body Material	OSHA Compliant
107	s-107	1	150 PSI	11.4	1/4" NPT	5/16"-24	Zinc	YES

115 • 116 • 117 • 118



s-115 s-116 s-117 s-118

ADJUSTABLE ALUMINUM POCKET BLO-GUNS

- Easy grip two finger control to adjust from full volume air flow to complete shut off
- Knurled grip for secure handling even with oily or greasy fingers
- Always keep one handy with included shirt pocket clip



Bulk Part No.	Retail Part No.	Per Card	Connection	Max Inlet Pressure	SCFM @ 100 PSI	Product Specs		OSHA Compliant
						Air Inlet	Body Material	
115BK	s-115	1	M-Style® (Industrial)	150 PSI	15.9	M-Style®	Aluminum	No
	s-116	1	A-Style (ARO)			A-Style		
	s-117	1	T-Style (Tru-flate)			T-Style		
	s-118	1	L-Style (Lincoln)			L-Style		

LEVER BLO-GUNS

120



120

Safety Lever Blo-Gun

- OSHA compliant when dead ended (static pressure)
- For use with extensions and other 1/8" NPS attachments
- Extra large hang-up hook for easy storage



Bulk Part No.	Retail Part No.	Per Card	Max Inlet Pressure	Product Specs				
				SCFM @ 100 PSI	Air Inlet	Nozzle Thread	Body Material	OSHA Compliant
120BK	s-120	1	150 PSI	10.6	1/4" NPT	1/8"-27	Zinc	YES

122 • 123



122

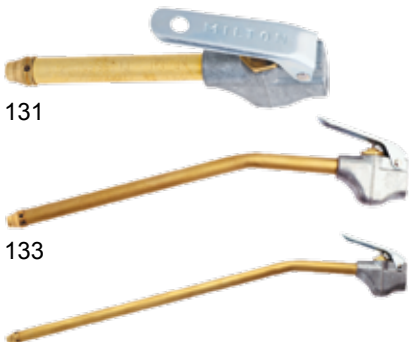
123

Brass Blo-Gun Extensions

- Fits MILTON® blo-gun models #120, #160, or any other 6mm or 1/8" NPS nozzle blo-gun using the #s-168ADP KWIK-CHANGE® accessory adapter

Boxed Part No.	Nozzle Thread	Extension Length
122	1/8"-27	6"
123		10"

131 • 133 • 134



131

133

134

Extended Safety Lever Blo-Gun

- OSHA compliant - Four safety by-pass holes allow air to escape if end is blocked
- By-pass holes do not interfere with normal air flow
- Discharges same air volume as full-flow blo-guns, while maintaining nozzle pressure
- #133 & #134 bent to an angle to clean out blind holes and offer convenient use on long reach applications



Boxed Part No.	Max Inlet Pressure	Product Specs				Body Material		
		Nozzle Length	SCFM @ 100 PSI	Air Inlet	Nozzle Thread			
		131	4" Straight	5.5	1/4" NPT		1/2"-27	Zinc Alloy
		133	10" Angled	4.5				
134	15" Angled							
Classified by UL to OSHA standards 29CFR1910.95 and 29CFR1910.242(b)								

Classified by UL to OSHA standards 29CFR1910.95 and 29CFR1910.242(b)

BLO-GUNS
100 SERIES

KITS & FAUCETS
200/300 SERIES

TIRE HARDWARE
400/1400 SERIES

INFLATOR GAGES
500 SERIES

FITTINGS & HOSES
600/1600 SERIES

LEVER BLO-GUNS (cont)



132



132

Volume Safety Lever Blo-Gun

- Special Venturi holes in extension tube greatly increase air volume while maintaining OSHA required nozzle pressure
- Venturi holes allow air to escape if extension end is blocked

Boxed Part No.	Max Inlet Pressure	SCFM @ 100 PSI	Air Inlet	Product Specs			OSHA Compliant
				Nozzle Thread	Body Material		
132	150 PSI	18.0	1/4" NPT	1/2"-27	Zinc Alloy		YES

Classified by UL to OSHA standards 29CFR1910.95 and 29CFR1910.242(b)

148



148

Compact Lever Blo-Gun

- Compact and versatile blo-gun comes with both a safety Venturi nozzle and a rubber tip nozzle
- Works with brass tube extensions and 1/8" NPS attachments
- Hang hook included for ease of storage



Bulk Part No.	Retail Part No.	Per Card	Max Inlet Pressure	Air Inlet	Product Specs			OSHA Compliant
					Nozzle Thread	Body Material		
148BK	s-148	1	150 PSI	1/4" NPT	1/8"-27	Zinc		YES (with Venturi Tip Only)

s-148AC • s-148MC
s-148TC • s-148VC



Colorfit®
Color Connect System

ColorFit® Blo-Guns

- Color coded to match ColorFit® couplers & plugs
- Lightweight & durable aluminum anodized body
- Compact lever style, controls air volume
- Non-marring rubber tip
- Standard inlet size to fit all needs
- Built-in hang hook for ease of storage

Retail Part No.	Per Card	Max Inlet Pressure	Air Inlet	Nozzle Thread	Product Specs			OSHA Compliant
					Body Color	Body Material		
s-148AC	1	150 PSI	1/4" NPT	1/8"-27	Green	Aluminum		No
s-148MC	1				Red			
s-148TC	1				Blue			
s-148VC	1				Purple			

BLO-GUNS
100 SERIESKITS & FAUCETS
200/300 SERIESTIRE HARDWARE
400/1400 SERIESINFLATOR GAGES
500 SERIESFITTINGS & HOSES
600/1600 SERIES

LEVER BLO-GUNS (cont)

149



149

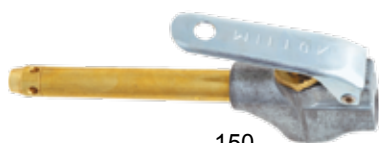
Super-Volume Safety Lever Blo-Gun

- Special Venturi holes in extension tube greatly increase air volume while maintaining OSHA required nozzle pressure
- Venturi holes allow air to escape if extension end is blocked
- Aluminum nozzle extension

Boxed Part No.	Max Inlet Pressure	SCFM @ 100 PSI	Air Inlet	Product Specs			OSHA Compliant
				Nozzle Thread	Body Material		
149	150 PSI	23.6	1/4" NPT	1/2"-27	Zinc Alloy		YES



150



150

Full-Flow Safety Lever Blo-Gun

- OSHA compliant when dead ended (static pressure)
- Full flow control

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	Max Inlet Pressure	SCFM @ 100 PSI	Air Inlet	Product Specs			OSHA Compliant
							Nozzle Thread	Body Material		
150	150BK	s-150	1	150 PSI	10.0	1/4" NPT	7/16"-27	Zinc		YES



151



151

Lever Control Valve

- Lever control 2-way valve for use on air, fluid & vacuum lines
- Perfect for tire changing machines
- Stainless steel spring, synthetic washer
- Max temperature: 200°F

Boxed Part No.	Bulk Part No.	SCFM @ 100 PSI	Air Inlet	Air Outlet	Body Material	OSHA Compliant	Max Inlet Pressure
151	151BK	24.5	1/4" NPT	1/4" NPT	Zinc Alloy	No	150 PSI



152



152

Rubber Tip Nozzle

- Replacement tip for #153, #154, #158 and #159 blo-guns
- Dual thread design: 1/8" NPS and 7/16" - 27
- For use where leak-proof connection is required when blowing out fluid lines
- O-ring seals create an air-tight connection
- A must where metal tip could mar delicate finish in molds or paints

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	Max Inlet Pressure	Product Specs			OSHA Compliant
					Nozzle Thread	Body Material		
152	152BK	s-152	1	150 PSI	1/8" NPS 7/16"-27	Nitrile Rubber		No



LEVER BLO-GUNS (cont)

153 • 154



153



154

Rubber Tip Lever Blo-Guns

- Rubber tip blo-guns are perfect to use where leak proof connection is required when blowing out fluid lines
- Non-marring rubber tip protects from damaging molds or painted surfaces



Bulk Part No.	Retail Part No.	Per Card	Max Inlet Pressure	SCFM @ 100 PSI	Air Inlet	Product Specs		Body Material	OSHA Compliant
						Nozzle Thread	Nozzle Angle		
153BK	s-153	1	150 PSI	11.4	1/4" NPT	1/8"-27	Straight	Zinc	No
	s-154	1					45° Angle		

158-AB24

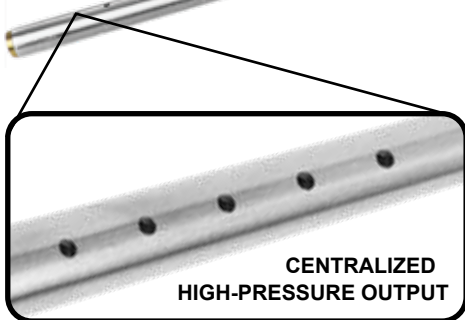
NEW



AEROBLADE®

158-AB24

5x MORE FLOW

CENTRALIZED
HIGH-PRESSURE OUTPUT

AEROBLADE® 24" Blow Tool

- 90° airflow blow tool focuses air output where it's needed
- Long 24" extended nozzle for hard-to-reach areas
- Great for cleaning radiators, condensers and filters
- Works well for agriculture, construction, automotive, industrial, stationary power, and other industries that require a powerful, multi-port nozzle to clean machinery and heavy-duty vehicles
- Focused high-pressure output of 24 CFM - **5x more flow** as similar products
- Industrial-grade aluminum tubing and heavy-duty, red anodized die-cast body makes this blow tool ideal for the toughest applications

Retail Part No.	Per Card	Max Inlet Pressure	CFM @ 100 PSI	Air Inlet	Nozzle Length	Body Material	OSHA Compliant
158-AB24	1	150 PSI	24	1/4" NPT	24"	Zinc Alloy	No

LEVER BLO-GUNS (cont)

158 • 159



158



159

Extended Reach Lever Blo-Guns

- Multi-function blo-gun comes with both a Venturi nozzle and rubber tip nozzle
- OSHA compliant when using Venturi tip
- Extension is bent to access hard to reach areas such as motors, machinery, transmissions, combines, and hidden areas



Bulk Part No.	Retail Part No.	Per Card	Extension Length	Max Inlet Pressure	Product Specs				
					SCFM @ 100 PSI	Air Inlet	Nozzle Thread	Body Material	OSHA Compliant
158BK	158	1	2'	150 PSI	Venturi Tip - 10.5	1/4" NPT	7/16"-27	Zinc	YES (with Venturi Tip Only)
159BK	159	1	4'		Rubber Tip - 11.6				

SIPHON SPRAY LEVER BLO-GUNS

155



155

Siphon Spray Blo-Gun Nozzle

- O-ring seal creates air-tight connection
- Connects blo-gun to siphon tubing
- Dual thread design permits use on all blo-guns with 7/16"-27 and 1/8" NPS



Boxed Part No.	Product Specs		
	Nozzle Thread	Body Material	OSHA Compliant
155	7/16"-27 and 1/8" NPS	Aluminum	No

For Use with Liquids

156 • 157



156



157

Siphon Spray Lever Blo-Gun & Kit

- Excellent for degreasing engines, garage bays and parts, spraying livestock, plants and flowers
- Perfect for rust proofing tools and machinery and lubricating parts and engines
- #s-157 kit comes complete with #156 blo-gun and 8' of vinyl tubing



Boxed Part No.	Retail Part No.	Per Card	Max Inlet Pressure	Product Specs					8' of Tubing
				SCFM @ 100 PSI	Air Inlet	Nozzle Thread	Body Material	OSHA Compliant	
	s-156	1	150 PSI	14.0	1/4" NPT	1/8"-27	Zinc	No	No
157	s-157	1							YES

For Use with Liquids

SIPHON SPRAY LEVER BLO-GUNS (cont)

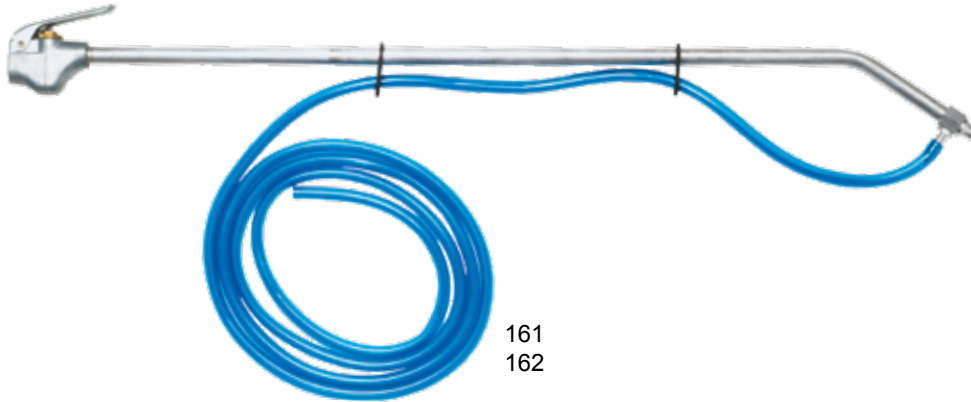
161 • 162

Extended Reach Siphon Spray Lever Blo-Guns

- Kits come complete with blo-gun and length of vinyl tubing



Boxed Part No.	Max Inlet Pressure	Product Specs						
		SCFM @ 100 PSI	Air Inlet	Nozzle Thread	Body Material	Nozzle Length	Tubing Length	OSHA Compliant
161	150 PSI	11.3	1/4" NPT	1/8"-24	Zinc	2'	12' x 1/4" OD	No
162						4'	15' x 1/4" OD	



For Use
with
Liquids

PISTOL GRIP BLO-GUNS

160



Die Cast Pistol Grip Blo-Gun

- Pistol style multi-use blo-gun
- Accepts Milton® #122 (6") and #123 (10") extensions (see page 4) and other 1/8" NPS attachments
- OSHA compliant with use of included Venturi tip
- Integrated hang hook for ease of storage

**BLO-GUN EXTENSIONS
AVAILABLE ON PG. 4**

Bulk Part No.	Retail Part No.	Per Card	Max Inlet Pressure	SCFM @ 100 PSI	Product Specs			
					Air Inlet	Nozzle Thread	Body Material	OSHA Compliant
160BK	s-160	1	150 PSI	10.0	1/4" NPT	1/8"-27	Chrome Plated Zinc	YES (with Safety Tip Only)

s-163



Pistol Grip Blo-Gun

- Simple, functional, economical
- 4" angled nozzle
- Integrated hang hook and loop

Retail Part No.	Per Card	NPT	Max Pressure	SCFM	Nozzle Length
s-163	1	1/4"	90 PSI	13.0	4" Angled

PISTOL GRIP BLO-GUNS (cont)

s-164



s-164

Rubber Tip Pistol Grip Blo-Gun

- 4 1/2" angled nozzle
- Non-marring rubber tip
- Brass insert inlet
- Integrated hang hook and loop
- Contoured comfort grip

Retail Part No.	Per Card	NPT	Max Pressure	SCFM	Nozzle Length
s-164	1	1/4"	90 PSI	16.5	4.5" Angled

s-167



s-167

Extended Reach Pistol Grip Blo-Gun

- 10" extended reach pistol grip blo-gun is compatible with the #s-168 KWIK-CHANGE® Universal Tip System (not included, pg 15)
- Lightweight design for ease of use
- OSHA compliant safety tip
- Molded comfort grip w/ integrated hang hook and loop



Retail Part No.	Per Card	NPT	Max Pressure	SCFM	Nozzle Length
s-167	1	1/4"	90 PSI	16.5	10" Angled

**3-PC NOZZLE KIT
AVAILABLE ON PG. 15**

s-174KIT



3pc Nozzle
Kit Included

s-174KIT

Pistol Grip Blo-Gun Kit w/ KWIK-CHANGE® Universal Tip System

- Pistol grip blo-gun kit comes complete with our KWIK-CHANGE® Universal Tip System. This system connects any 1/8" NPS or 6mm blo-gun tip accessory to your blo-gun using our universal adapter
- Kit includes (1) #s-168ADP adapter, (1) #s-168RUB rubber tip and (1) #s-168VEN Venturi safety tip
- Lightweight design for ease of use
- OSHA compliant safety tip
- Molded comfort grip w/ integrated hang hook and loop



Retail Part No.	Per Card	NPT	Max Pressure	SCFM	Nozzle Length
s-174KIT	1	1/4"	90 PSI	16.5	4" Angled

INCLUDES 3 PIECE:

**KWIK-CHANGE®
Universal Tip System Kit**

Connects **ANY** 1/8" NPS blo-gun attachment to select MILTON® blo-guns (See pg 15 for details)

s-168

171-NF01

Hydro & Air Power Wand**NEW**

- Designed for use with both water and air to clean hard-to-reach areas on a variety of items – trucks, farm and agricultural equipment, HVAC units and filtration devices
- Specially-designed nozzle uses a sequenced hole pattern to concentrate flow for maximum cleaning effectiveness, using common water pressure
- Aluminum 18" extended-reach tubing
- Adjustable flow control
- Comfortable ergonomic handle grip and 4-finger easy-use trigger
- Hydro connection through standard 3/4" GHT garden hose
- Air connection through 1/4" M-Style® air plug and adapter



171-NF01

171-NF11

Water & Air Industrial Power Wand

The Industrial Power Wand cleaning tool is designed for use with both water and air in cleaning hard-to-reach areas on a variety of objects. It is ideal for use with trucks, farm & ag equipment, HVAC units and filtration devices

- Specially-designed sequenced hole pattern in the nozzle controls the spray and maximizes pressure
- Ergonomic, rubber-coated controller provides the user more comfort while reducing the amount of stress to the hands
- Support handle provides user with more accurate cleaning while helping preserve the integrity of the cleaning area
- Extended-reach aluminum tubing allows the user to get into hard-to-reach areas that normally would require additional time and resources
- M-Style® air plug and adapter air connection provides an easy air connection right out of the package

NEW

171-NF11

BLO-GUNS
100 SERIESKITS & FAUCETS
200/300 SERIESTIRE HARDWARE
400/1400 SERIESINFLATOR GAGES
500 SERIESFITTINGS & HOSES
600/1600 SERIES

PISTOL GRIP BLO-GUNS (cont)

s-177



s-177

11" Extended Reach Pistol Grip Blo-Gun

- Bent 11" nozzle allows direct access to hard to reach places
- Non-marring plastic tip, and integrated hang hook for storage

Retail Part No.	Per Card	Max Inlet Pressure	SCFM @ 100 PSI	Air Inlet	Product Specs		
					Body Material	Nozzle Length	OSHA Compliant
s-177	1	125 PSI	11.0	1/4" NPT	Nylon	11"	No

TURBO PISTOL GRIP BLO-GUNS

- Meets OSHA standard 1910.242(B)
- Aluminum body is lightweight and durable
- Maximum flow for easy clean-up and blow off of even the heaviest debris
- Simple trigger-controlled air flow

s-181



s-181

Turbo Pistol Grip Blo-Gun

- Includes adjustable nozzle and integrated hang hole
- Nozzle thread: 1/2"-27



Retail Part No.	Per Card	Max Inlet Pressure	SCFM @ 125 PSI	Air Inlet	Product Specs		OSHA Compliant
					Body Material	Nozzle Length	
s-181	1	230 PSI	42.0	3/8" NPT	Aluminum	YES	YES

s-182



s-182

Turbo Extended Reach Pistol Grip Blo-Gun

- Includes adjustable nozzle and integrated hang hole
- Nozzle thread: 1/2"-27



Retail Part No.	Per Card	Max Inlet Pressure	SCFM @ 125 PSI	Air Inlet	Product Specs		
					Body Material	Nozzle Length	OSHA Compliant
s-182	1	230 PSI	40.0	3/8" NPT	Aluminum	10"	YES

s-183



Adjustable

High-volume

Fan spray

s-183

3-pc Turbo Blo-Gun Nozzle Kit

- For use with s-181 and s-182 turbo blo-guns
- Thread size: 1/2"-27

Part No.	s-183
Qty	Description
1	Adjustable Nozzle
1	High-Volume Nozzle
1	Fan Spray Nozzle

PRO SERIES

s-194KIT



3pc Nozzle Kit Included

s-194KIT

Pro Series Pistol Grip Blo-Gun Kit w/ KWIK-CHANGE® Universal Tip System

- PRO SERIES pistol grip blo-gun kit comes complete with our KWIK-CHANGE® Universal Tip System. This system connects any 1/8" NPS or 6mm blo-gun tip accessory to your blo-gun using our universal adapter
- Kit includes (1) #s-168ADP adapter, (1) #s-168RUB rubber tip and (1) #s-168VEN Venturi safety tip
- Heavy-duty, light weight design for ease of use
- OSHA compliant safety tip
- Dual material comfort grip w/ integrated hang loop
- Stainless steel nozzle

Retail Part No.	Per Card	NPT	Max Pressure	SCFM	Nozzle Length
s-194KIT	1	1/4"	235 PSI	15.0	5" Angled

INCLUDES 3 PIECE:

KWIK-CHANGE®
Universal Tip System Kit

Connects **ANY** 1/8" NPS blo-gun attachment to select MILTON® blo-guns
(See pg 15 for details)

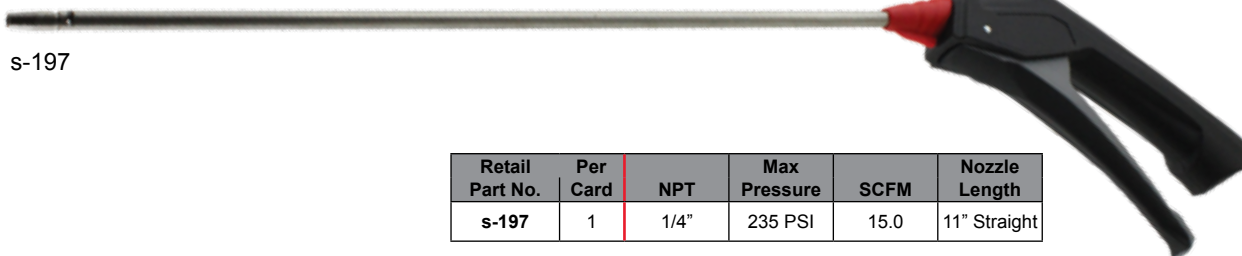
s-168



s-197

Pro Series Extended Reach Pistol Grip Blo-Gun

- PRO SERIES extended reach pistol grip blo-gun is compatible with the #s-168 KWIK-CHANGE® Universal Tip System (not included)
- Heavy-duty, light weight design for ease of use
- OSHA compliant safety tip
- Dual material comfort grip with integrated hang loop
- Stainless steel 11" extended reach nozzle



s-197

Retail Part No.	Per Card	NPT	Max Pressure	SCFM	Nozzle Length
s-197	1	1/4"	235 PSI	15.0	11" Straight



**3-PC NOZZLE KIT
AVAILABLE ON PG. 15**

BLO-GUNS
100 SERIESKITS & FAUCETS
200/300 SERIESTIRE HARDWARE
400/1400 SERIESINFLATOR GAGES
500 SERIESFITTINGS & HOSES
600/1600 SERIES

BLO-GUN ACCESSORIES

s-160CHIP



s-160CHIP

Blo-Gun Deflector Shield

- Polycarbonate deflector shield reduces accidental blow back
- Fits any blo-gun with 6mm diameter nozzle
- Set screw secures deflector shield to nozzle

Retail Part No.	Per Card	Nozzle Diameter
s-160CHIP	1	6mm

s-160SIL



s-160SIL

Blo-Gun Silencer

- Fits all 6mm blo-gun nozzles
- Reduces decibel (db) levels up to 15% - meets OSHA compliancy when dead headed (static pressure)
- Soft non-marring silencer tip prevents damage to work surface

Retail Part No.	Per Card	Nozzle Diameter
s-160SIL	1	6mm

s-160X5A • s-160X5P



s-160X5A

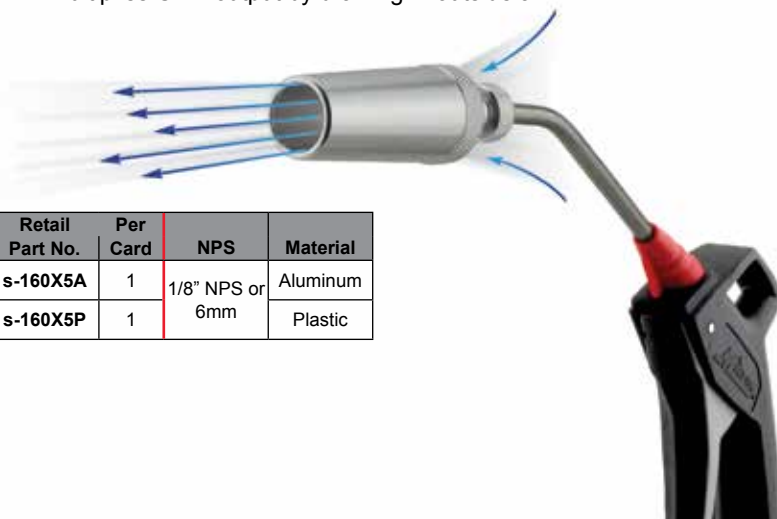


s-160X5P

X5 AIR MULTIPLIER™ Blo-Gun Nozzle

- Fits ANY 6mm or 1/8" NPS screw-on blo-gun nozzle
- Multiplies CFM output by drawing in outside air

Retail Part No.	Per Card	NPS	Material
s-160X5A	1	1/8" NPS or 6mm	Aluminum
s-160X5P	1		Plastic



X5 AIR MULTIPLIER™

BLO-GUN ACCESSORIES (cont)



s-168





s-168RUB
Blo-Gun Rubber Tip

s-168 Kwik-CHANGE® Universal Tip System Kit
Connects **ANY** 1/8" NPS blo-gun attachment to select MILTON® blo-guns



s-168VEN
Blo-Gun Venturi Tip

s-168 • s-168RUB
s-168VENKWIK-CHANGE® Universal
Tip System Kits

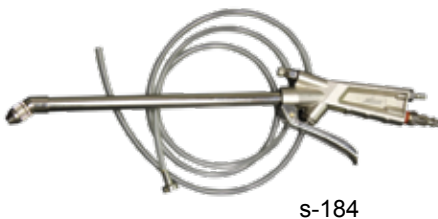
- Connects ANY 1/8" NPS blo-gun attachment to select MILTON® Blo-Guns
- Blo-gun nozzle tips that are compatible with your KWIK-CHANGE® Universal Tip System

Part No.	s-168
Qty	Description
1	Blo-Gun Tip Adapter
1	#s-168RUB Blo-Gun Rubber Tip
1	#s-168VEN Blo-Gun Venturi Safety Tip

Retail Part No.	Per Card	NPS
s-168RUB	1	1/8"
s-168VEN	1	

BLO-GUN ENGINE CLEANERS

s-184



Turbo Blo-Gun Engine Cleaner

- Easy cleaning - Compressed air and pressurized liquid blows away mess/soiled surfaces and applies coatings
- For truck drivers, work shops, home garages, heavy duty industrial and farming applications
- Includes M-Style® plug



Retail Part No.	Per Card	Max Inlet Pressure	SCFM @ 125 PSI	Air Inlet	Product Specs			OSHA Compliant
					Body Material	Tubing Length		
s-184	1	225 PSI	10.0	1/4" NPT	Aluminum	5' x 1/4" OD		YES

BLO-GUNS
100 SERIESKITS & FAUCETS
200/300 SERIESTIRE HARDWARE
400/1400 SERIESINFLATOR GAGES
500 SERIESFITTINGS & HOSES
600/1600 SERIES

EXELAIR® AIR TOOL KITS

EX5005CKIT



EX5005CKIT

EXELAIR® 50-Pc Composite Professional Air Tool Kit

- Sleek composite design with peak torque air powered tools provide a tremendous value
- 1/2" high power impact wrench offers 650 ft. lbs. max torque. It's well-balanced weight & design reduces workday fatigue. Adjustable forward/reverse setting

EX5005CKIT			
Part No.	Description		
Qty	Description		Qty
1	1/2" 650 ft. lbs. Max Torque Air Impact Wrench	6	1/2" Drive SAE Impact Sockets:
1	3/8" 60 ft. lbs. Max Torque Air Ratchet		1", 7/8", 11/16", 9/16", 1/2", 7/16"
1	1/4" Air Die Grinder (25,000 RPM)	1	3" x 1/2" Socket Extension
1	Air Hammer (4,500 BPM)	1	3/8" to 1/2" Socket Adapter
1	Heavy-Duty Blow Gun (8 SCFM)	1	Flat Chisel
5	1/4" NPT Male M-Style® Plugs	1	Point Chisel
1	1/4" NPT Female M-Style® Plug	1	Spring Retainer
2	Sport Inflation Needles	1	Screwdriver Bit Holder
1	Tapered Tip Blow Gun Nozzle	1	Screwdriver Bit Adapter
1	Safety Tip Blow Gun Nozzle	10	Screwdriver Bits
1	Rubber Tip Blow Gun Nozzle	2	Hand Wrenches
1	Pneumatic Oil	1	Dual Air Chuck
1	50 PSI Tire Gauge	5	Grinding Stones
1	Pipe Thread Tape	1	Durable Storage Case

EX5005KIT



EX5005KIT

EXELAIR® 50-Pc Professional Air Tool Kit

- This kit has it all! Treat your air compressor with durable air tools and get the ultimate bang for your buck!
- 1/2" impact wrench offers 350 ft. lbs. max torque

EX5005KIT			
Part No.	Description		
Qty	Description		Qty
1	1/2" 350 ft. lbs. Max Torque Air Impact Wrench	6	1/2" Drive SAE Impact Sockets:
1	3/8" 60 ft. lbs. Max Torque Air Ratchet		1", 7/8", 11/16", 9/16", 1/2", 7/16"
1	1/4" Air Die Grinder (25,000 RPM)	1	3" x 1/2" Socket Extension
1	Air Hammer (4,500 BPM)	1	3/8" to 1/2" Socket Adapter
1	Heavy-Duty Blow Gun (8 SCFM)	1	Flat Chisel
5	1/4" NPT Male M-Style® Plugs	1	Point Chisel
1	1/4" NPT Female M-Style® Plug	1	Spring Retainer
2	Sport Inflation Needles	1	Screwdriver Bit Holder
1	Tapered Tip Blow Gun Nozzle	1	Screwdriver Bit Adapter
1	Safety Tip Blow Gun Nozzle	10	Screwdriver Bits
1	Rubber Tip Blow Gun Nozzle	2	Hand Wrenches
1	Pneumatic Oil	1	Dual Air Chuck
1	50 PSI Tire Gauge	5	Grinding Stones
1	Pipe Thread Tape	1	Durable Storage Case

EXELAIR® AIR TOOL KITS (cont)

EX4405KIT



EX4405KIT



EXELAIR® 44-Pc Professional Air Tool Kit

- Treat your air compressor with high torque air powered tools, while getting the ultimate bang for your buck!
- 1/2" high power impact wrench offers 500 ft. lbs. max torque

EX4405KIT			
Part No.	Description	Qty	Description
1	1/2" 500 ft. lbs. Max Torque Air Impact Wrench	1	Pipe Thread Tape
1	3/8" 60 ft. lbs. Max Torque Air Ratchet	6	1/2" Drive Metric Impact Sockets: 9, 11, 14, 17, 22, 24mm
1	1/4" Air Die Grinder (25,000 RPM)		
1	Air Hammer (4,500 BPM)		
1	Heavy-Duty Blow Gun (8 SCFM)	1	3" x 1/2" Socket Extension
5	1/4" NPT Male M-Style® Plugs	1	3/8" to 1/2" Socket Adapter
1	1/4" NPT Female M-Style® Plug	1	Flat Chisel
2	Sport Inflation Needles	1	Point Chisel
1	Tapered Tip Blow Gun Nozzle	1	Spring Retainer
1	Safety Tip Blow Gun Nozzle	2	Hand Wrenches
1	Rubber Tip Blow Gun Nozzle	1	Dual Air Chuck
1	Pneumatic Oil	10	Grinding Stones
1	50 PSI Tire Gauge	1	1/8" Collet
		1	Durable Storage Case

209



209

FILLER FAUCET

- Easy operation and smooth flow due to long flexible rubber spout with lever control
- Heavy duty, ruggedly built with stainless steel springs
- Operating pressure (standard municipal (city) water pressure): 30-35 PSI
- Nitrile rubber spout
- Spout length: 4"



Boxed Part No.	Bulk Part No.	NPT (in)	Product Specs	
			Connection	Material
209	209BK	1/4"	Female	Zinc Alloy

s-210



s-210

12-pc M-Style® 1/4" Coupler/Plug Kit

- Max inlet pressure: 300 PSI
- Air flow: 40 SCFM

s-210	
Part No.	Description
2	#715 M-Style® Female Brass Couplers
8	#727 M-Style® Male Steel Plugs
2	#728 M-Style® Female Steel Plugs



COUPLER & PLUG KITS

s-210-14



s-210-14

14-pc M-Style® 1/4" Coupler/Plug Kit

- Max inlet pressure: 300 PSI
- Air flow: 40 SCFM



Part No.	s-210-14
Qty	Description
4	#715 M-Style® Female Brass Couplers
8	#727 M-Style® Male Steel Plugs
2	#728 M-Style® Female Steel Plugs



s-211



s-211

5-pc M-Style® 1/4" Coupler/Plug Kit

- Max inlet pressure: 300 PSI
- Air flow: 40 SCFM



Part No.	s-211
Qty	Description
1	#715 M-Style® Female Brass Coupler
3	#727 M-Style® Male Steel Plugs
1	#728 M-Style® Female Steel Plug



s-212



s-212

7-pc M-Style® 1/4" Coupler/Plug Kit

- Max inlet pressure: 300 PSI
- Air flow: 40 SCFM



Part No.	s-212
Qty	Description
1	#715 M-Style® Female Brass Coupler
3	#727 M-Style® Male Steel Plugs
3	#728 M-Style® Female Steel Plugs



s-213



s-213

5-pc A-Style 1/4" Coupler/Plug Kit

- Max inlet pressure: 300 PSI
- Air flow: 40 SCFM



Part No.	s-213
Qty	Description
1	#775 A-Style Female Steel Coupler
3	#777 A-Style Male Steel Plugs
1	#778 A-Style Female Steel Plug



COUPLER & PLUG KITS (cont)

s-215



s-215

5-pc T-Style 1/4" Coupler/Plug Kit

- Max inlet pressure: 300 PSI
- Air flow: 40 SCFM



Part No.	s-215
Qty	Description
3	#783 T-Style Male Steel Plugs
1	#784 T-Style Female Steel Plug
1	#785 T-Style Female Brass Coupler

T
STYLE1/4"
NPT

HighFlowPRO®



s-216



s-216

2-pc V-Style HighFlowPRO®
1/4" Hi-Flow Coupler/Plug Kit

- Max inlet pressure: 300 PSI
- Air flow: 74 SCFM

Part No.	s-216
Qty	Description
1	#760-1 V-Style Male Hi-Flow Steel Plug
1	#764 V-Style Female Hi-Flow Brass Coupler

V
STYLE1/4"
NPT

s-217



s-217

6-pc V-Style HighFlowPRO®
1/4" Hi-Flow Coupler/Plug Kit

- Max inlet pressure: 300 PSI
- Air flow: 74 SCFM

Part No.	s-217
Qty	Description
2	#760-1 V-Style Male Hi-Flow Steel Plugs
2	#761-1 V-Style Female Hi-Flow Steel Plugs
2	#785 V-Style Female Brass Couplers

V
STYLE1/4"
NPT

s-218



s-218

6-pc M-Style® 1/4" Coupler/Plug Kit
w/ Variable Angle Swivel Plug

- Max inlet pressure: 300 PSI
- Air flow: 40 SCFM



Part No.	s-218
Qty	Description
1	#715 M-Style® Female Brass Coupler
3	#727 M-Style® Male Steel Plugs
1	#728 M-Style® Female Steel Plug
1	#99681-4 M-Style® Variable Angle Swivel Plug

M
STYLE1/4"
NPT

s-219



s-219

5-pc M-Style® 1/4" Safety Coupler/Plug Kit

- Max inlet pressure: 300 PSI
- Air flow: 40 SCFM



Part No.	s-219
Qty	Description
3	#727 M-Style® Male Steel Plugs
1	#728 M-Style® Female Steel Plug
1	#99705 M-Style® Female Button Safety Coupler

M
STYLE1/4"
NPT

16-PC COMPRESSOR ACCESSORY STARTER KIT

- Complete starter kit of Milton® accessories needed for a multitude of compressed air functions
- Applications: Inflating and checking tire pressure, inflating sports equipment, blowing debris, mending and connecting hoses, quick connection of air tools
- Ideal for "Do-it-Yourself", small repair shop, mobile repair & maintenance



s-220



s-220

Part No.	s-220	
Qty	Description	Size
1	#148 Safety Blo Gun w/ Rubber & Venturi Tips	1/4" NPT
1	#600 Brass Male Hose End	1/4"NPT Barb x 1/4" Thread
1	#640 Brass Male Hose Mender	1/4" NPT x 1/4" NPT
1	#643 Brass Female Hex Coupling	
1	#646 Brass Male Hex Nipple	
1	#699 Female Single Head Air Chuck	1/4" NPT
2	#715 M-Style® Female Brass Couplers	
2	#727 M-Style® Male Steel Plugs	
2	#728 M-Style® Female Steel Plugs	
1	#921 Tire Pressure Gage	5-50 PSI (40-350 kPa)
1	#P148-1 Inflator Needle	1/8" NPS
1	#P148-2 Inflator Needle Adapter	



s-221



s-221

5-pc M-Style® 1/4" Coupler/Plug Kit w/ 3-in-1 Manifold

- Max inlet pressure: 300 PSI
- Air flow: 40 SCFM



Part No.	s-221	
Qty	Description	
1	#685-4 3-in-1 Air Manifold - (1)1/4" inlet, (3) 1/4" outlets	
3	#716 M-Style® Male Brass Couplers	
1	#727 M-Style® Male Steel Plug	



REDUCER KITS

- Reducer kits have been assembled to provide an easy and convenient method of reducing compressor outlets to smaller hose or pipe sizes
- Matching couplers and plugs are included for the reduced connection sizes
- Kits have multiple applications for customers engaged in auto body repair, automotive services, agriculture, heavy duty fleets, roofing, construction, woodworking, and metal fabricators, to name a few



s-223



s-223

5-pc H-Style Coupler/Plug Kit w/ 3/4" to 3/8" Reducer

Part No.	s-223	
Qty	Description	
1	#652-4 Reducer Bushing 3/4" to 3/8"	
1	#1835 H-Style Female Steel Coupler	
1	#1836 H-Style Male Steel Coupler	
1	#1837 H-Style Male Steel Plug	
1	#1838 H-Style Female Steel Plug	



REDUCER KITS (cont)

s-224



s-224

5-pc G-Style Coupler/Plug Kit
w/ 3/4" to 1/2" Reducer

Part No.	s-224
Qty	Description
1	#652-8 Brass Reducer Bushing 3/4" to 1/2"
1	#1815 G-Style Female Steel Coupler
1	#1816 G-Style Male Steel Coupler
1	#1857 G-Style Male Steel Plug
1	#1858 G-Style Female Steel Plug

BLO-GUNS
100 SERIESKITS & FAUCETS
200/300 SERIESTIRE HARDWARE
400/1400 SERIESINFLATOR GAGES
500 SERIESFITTINGS & HOSES
600/1600 SERIES

BLO-GUN KITS

s-225



s-225

4-pc Re-Koil Hose Safety Blo-Gun Kit

Part No.	s-225
Qty	Description
1	#148 Safety Blo-Gun w/ Rubber & Venturi Tips
1	#715 M-Style® Female Brass Coupler
1	#727 M-Style® Male Steel Plug
1	#1669 1/4" x 25' Re-Koil Air Hose



s-230



s-230

4-pc Truck Air Seat Blo-Gun Kit

Part No.	s-230
Qty	Description
1	#1667 Nylon Re-Koil Hose Both Ends 1/4" x 12' - 1/4" MNPT Both Ends
1	#148 Lever Blo-Gun w/ Rubber & Venturi Tips
1	#643 1/4" NPT Female Hex Coupling
1	#2204-2 Push-to-Connect Tee Fitting 1/4" x 1/4" MNPT



s-300-1



s-300-1

Industrial Water Nozzle

- Can be used to clean your car, windows or your home, as well as water your garden
- Made of heavy-duty hose material
- Adjustable nozzle tip to control water flow and release
- 3/4" garden hose thread (GHT)
- Max temperature: 190°F

NEW

300 • 350



s-300

350

Handy Bend Water Nozzles

- Bend the water nozzle for water flow, release nozzle and water stops

Boxed Part No.	Retail Part No.	Per Card	Color	Product Specs Feature
	s-300	1	Red	Garden Hose Thread
350		1	Black	4" Long, Max Temp: 190°F



MILTON® AIR TOOL KIT ACCESSORY KITS

s-312MKIT



s-312MKIT

MILTON® 12-pc M-Style® Coupler & Plug Kit

- Max inlet pressure: 300 PSI
- Air flow: 40 SCFM
- Comes with storage case



Part No.	s-312MKIT
Qty	Description
1	#715 1/4" NPT M-Style® Female Brass Coupler
1	#716 1/4" NPT M-Style® Male Brass Coupler
6	#727 1/4" NPT M-Style® Male Steel Plugs
4	#728 1/4" NPT M-Style® Female Steel Plugs



s-325HKIT



s-325HKIT

MILTON® 25-pc Pro Recoil Air Hose Kit

- Max inlet pressure: 300 PSI
- Air flow: 40 SCFM
- Comes with storage case



Part No.	s-325HKIT
Qty	Description
1	#148 Safety Blo-Gun w/ Rubber & Venturi Tips
1	#921 Tire Pressure Gage (5-50 PSI)
1	#690 Dual Head Air Chuck w/ 12" Extension
2	#643 1/4" x 1/4" NPT Hex Couplings
2	#646 1/4" x 3/8" NPT Male Hex Nipples
1	Blo-Gun Safety/Adapter Tip
1	s-168RUB Blo Gun Rubber Tip
1	Blo-Gun Tapered Tip
1	Tire Inflator Tip/Blo Nozzle
2	##P148-2 Sport Inflation Needles
6	#727 1/4" NPT M-Style® Male Steel Plugs
2	#728 1/4" NPT M-Style® Female Steel Plugs
1	#715 1/4" NPT M-Style® Female Brass Coupler
1	Pipe Thread Tape
1	#699 Female Single Head Air Chuck
1	#1669 1/4" x 25' Nylon Re-Koil Air Hose



EXELAIR® BLOW GUN KITS

EX0307BKIT



EX0307BKIT

EXELAIR® 7-pc Blow Gun Kit

- Comes with storage case

Part No.	EX0307BKIT
Qty	Description
1	Blow Gun
1	Blow Gun Safety/Adapter Tip
1	Blow Gun Rubber Tip
1	Blow Gun Tapered Tip
2	Sport Inflation Needles
1	5' Blo Gun Extension

EX0312BKIT



EX0312BKIT

EXELAIR® 12-pc Blow Gun Kit

- Comes with storage case

Part No.	EX0312BKIT
Qty	Description
1	Blow Gun
1	Blow Gun Safety/Adapter Tip
1	Blow Gun Rubber Tip
1	Blow Gun Tapered Tip
1	Sport Inflation Needle
2	1/4" NPT Male M-Style® Brass Plugs
2	1/4" NPT Female M-Style® Brass Plugs
1	1/4" NPT Female M-Style® Brass Coupler
1	1/4" NPT Male M-Style® Brass Coupler
1	Single Head Brass Air Chuck

EXELAIR® BLOW GUN KITS (cont)**EX0317BKIT**

EX0317BKIT

EXELAIR® 17-pc Blow Gun Kit

- Comes with storage case

Part No.	EX0317BKIT	
Qty	Description	Description
1	Blow Gun	Blow Gun Tapered Tip
1	6" Pencil Gauge	Sport Inflation Needles
1	Dual Head Tire Chuck	1/4" NPT Male M-Style® Steel Plugs
2	1/4" NPT x 1/4" NPT Steel Hex Couplings	1/4" NPT Female M-Style® Steel Plugs
1	1/4" NPT x 1/4" NPT Steel Hex Nipple	1/4" NPT Female M-Style® Steel Coupler
1	Blow Gun Safety/Adapter Tip	

EX0318BKIT

EX0318BKIT

EXELAIR® 18-pc Blow Gun Kit

- Comes with storage case

Part No.	EX0318BKIT	
Qty	Description	Description
1	Blow Gun	Blow Gun Tapered Tip
1	6" Pencil Gauge	Sport Inflation Needles
1	Dual Head Tire Chuck	1/4" NPT Male M-Style® Steel Plugs
2	1/4" NPT x 1/4" NPT Steel Hex Couplings	1/4" NPT Female M-Style® Steel Plugs
1	1/4" NPT x 1/4" NPT Steel Hex Nipple	1/4" NPT Female M-Style® Steel Couplers
1	Blow Gun Safety/Adapter Tip	Pipe Thread Tape
1	Blow Gun Rubber Tip	

EXELAIR® RECOIL ACCESSORY KITS**EX0320HKIT**

EX0320HKIT

EXELAIR® 20-pc Recoil Air Hose Kit

- Comes with storage case

Part No.	EX0320HKIT	
Qty	Description	Description
1	Blow Gun	Sport Inflation Needle
1	6" Pencil Gauge (5-50 PSI)	1/4" NPT Male M-Style® Steel Plugs
1	1/4" NPT x 1/4" NPT Steel Hex Coupling	1/4" NPT Female M-Style® Steel Plugs
1	1/4" NPT x 1/4" NPT Steel Hex Nipple	1/4" NPT Female M-Style® Steel Coupler
1	Blow Gun Safety/Adapter Tip	Pipe Thread Tape
1	Blow Gun Rubber Tip	Single Head Air Chuck
2	Blow Gun Tapered Tips	13' Nylon Recoil Air Hose

EX0325HKIT

EX0325HKIT

EXELAIR® 25-pc Recoil Air Hose Kit

- Comes with storage case

Part No.	EX0325HKIT	
Qty	Description	Description
1	Blow Gun	Tire Inflator Tip/Blow Nozzle
1	6" Pencil Gauge (5-50 PSI)	Sport Inflation Needles
1	Dual Head Tire Chuck	1/4" NPT Male M-Style® Steel Plugs
2	1/4" NPT x 1/4" NPT Steel Hex Couplings	1/4" NPT Female M-Style® Steel Plugs
2	1/4" NPT x 1/4" NPT Steel Hex Nipples	1/4" NPT Female M-Style® Steel Coupler
1	Blow Gun Safety/Adapter Tip	Pipe Thread Tape
1	Blow Gun Rubber Tip	Single Head Air Chuck
1	Blow Gun Tapered Tip	25' Nylon Recoil Air Hose

EXELAIR® COUPLERS & PLUGS KITS

EX0312MKIT



EX0312MKIT

EXELAIR® 12-pc M-Style® Coupler & Plug Kit

- Comes with storage case

Part No.	EX0312MKIT
Qty	Description
6	1/4" NPT M-Style® Male Steel Plugs
4	1/4" NPT M-Style® Female Steel Plugs
1	1/4" NPT M-Style® Female Brass Coupler
1	1/4" NPT M-Style® Male Brass Coupler



EX0320MKIT



EX0320MKIT

EXELAIR® 20-pc M-Style® Coupler & Plug Kit

- Comes with storage case

Part No.	EX0320MKIT
Qty	Description
5	1/4" NPT M-Style® Male Brass Plugs
5	1/4" NPT M-Style® Male Steel Plugs
5	1/4" NPT M-Style® Female Steel Plugs
1	1/4" NPT M-Style® Female Brass Coupler
4	1/4" NPT M-Style® Male Steel Couplers



EXELAIR® INFLATOR GAUGE KITS

EX0510BKIT



EX0510BKIT

EXELAIR® 10-pc Bayonet Inflator Gauge Kit

- Comes with storage case

Part No.	EX0510BKIT
Qty	Description
1	Bayonet Inflator Gauge w/ Dual Head Chuck
4	Valve Cores
4	Black Plastic Valve Caps
1	4-Way Valve Tool

EX0510PKIT



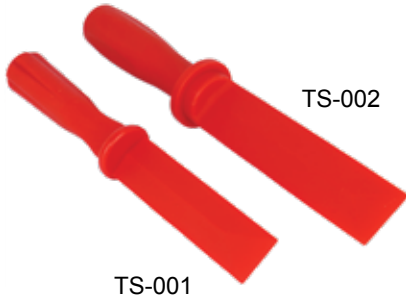
EX0510PKIT

EXELAIR® 10-pc Pistol Grip Inflator Gauge Kit

- Comes with storage case

Part No.	EX0510PKIT
Qty	Description
1	EX0500P Pistol Grip Inflator Gauge w/ Lock-on Chuck
4	Valve Cores
4	Black Plastic Valve Caps
1	4-Way Valve Tool

TS-001 • TS-002



TS-002

TS-001

Wheel Weight Scraper & Pinstripe Removal Tools**NEW**

- Primarily used for removing adhesive wheel weights from automotive rims with minimal damage
- Additional applications: removing decals, emblems, and body molding without scratching or damaging metal, glass or paint
- Fiberglass reinforced nylon material is lightweight & durable
- Chisel-style scraper end is non-marring and flexible for use at any angle
- Solvent-resistant and easy to sharpen if the edge becomes dull
- Comfortable textured handle for better grip
- Baffle design, single piece construction

Retail Part No.	Per Bag	Length (mm)	Length (in)	Body Material
TS-001	1	225	8.86	Lightweight, durable fiberglass reinforced nylon
TS-002	1	265	10.43	

400-6



400-6

SAFE-T-FLATE VALVE EXTENSION

- Inner dual wheel valve extension
- Fits all tube and tubeless valves in this section

Bulk Part No.	Retail Part No.	Per Card	Maximum Pressure	Effective Length (in)
400-6BK	s-400-6	2	150 PSI	8 1/4"

404 • 1455



404

1455

NICKEL PLATED VALVE CORES

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	TR Number	Thread Size/Seal	Operating Temp	Pressure Range
404	404-100	s-404	5	TR-C1	• 2108-36 Thread • Red Teflon Seal	-40°F to 302°F	0-200 PSI
1455				TR-C2	• Large Bore • .302-32 Thread		

406



406

RIM HOLE REDUCER BUSHING

- For passenger cars, motorcycles, light trucks, and industrial vehicles

Boxed Part No.	Base Diameter	Sizes
406	2 1/4"	Reduces 5/8" to .453"

409



409

HI-PERFORMANCE TIRE VALVE

- Clamp-in type, brass chrome plated
- For use with mag, aluminum, exposed or reversed chrome wheels
- Sold complete with two grommets to fit .453 or .625 valve hole sizes

Boxed Part No.	Retail Part No.	Per Card	Max Pressure (cold inflation)	Rim Hole Diameter
409	s-409	1	80 PSI	.453" & .625"

TPMS SNAP-IN TUBELESS TIRE VALVES

TPMS-1 • TPMS-2



TPMS Snap-in Tubeless Tire Valves

- Snap-in valve design
- Utilizes standard 0.453" diameter, nickel-plated valve stem
- Each valve comes with valve cap and torx screw to connect sensor
- EPDM rubber body

NEW

50-Pk Bulk Part No.	500-Pk Bulk Part No.	Retail Part No.	Per Card	Keyway Style	Length	Included in Package
TPMS-1	TPMS-1BK	s-TPMS-1	4	Parallel #20008	2.30"	Valves, Caps & Torx Screws
TPMS-2	TPMS-2BK	s-TPMS-2	4	90° #20045		

TPMSBLK-CAP TPMSGRN-CAP



TPMS Tire Valve Caps

- High-quality, dome shaped design
- Fits all TPMS equipped tire valves
- Cap extends the entire length of the valve stem threads
- Green caps primarily as an indicator for Nitrogen-filled tire

NEW

100-Pk Bulk Part No.	Retail Part No.	Per Card	Color	Air Type
TPMSBLK-CAP	s-TPMSBLK-CAP	4	Black	Standard Air
TPMSGRN-CAP	s-TPMSGRN-CAP	4	Green	Nitrogen

DBLSEAL-CAP



DBLSEAL-CAP

Double-Seal Tire Valve Caps

- Inflate and deflate tire without removing cap
- Made of high-quality copper material that will not rust or fade

NEW

50-Pk Bulk Part No.	500-Pk Bulk Part No.	Retail Part No.	Per Card	Material	Air Type
DBLSEAL-CAP	DBLSEAL-CAPBK	s-DBLSEAL-CAP	4	Hi-Quality Copper	Standard Air

413 • 414 • 415 418 • 423 • 425



SNAP-IN TUBELESS TIRE VALVES

- Cap thread size: .305-32
- Ozone resistant rubber
- Maximum cold inflation pressure may not exceed 60 PSI

Boxed Part No.	50-Pk Bulk Part No.	500-Pk Bulk Part No.	Retail Part No.	Per Card	TR Number	Rim Hole Diameter	Effective Length (in)
413-10	413-50	413-500	s-413	2	TR413	.453"	1 1/4"
414-10	414-50	414-500	s-414	2	TR414		1 1/2"
415-10	415-50		s-415	2	TR415	.625"	1 1/4"
418-10	418-50	418-500	s-418	2	TR418	.453"	2"
	423-50	423-500	s-423	2	TR423		2 1/2"
425-10	425-50	425-500	s-425	2	TR425	.625"	2"

413-1



413-1

SNAP-IN CHROME SLEEVE TUBELESS TIRE VALVES

- Chrome sleeve tubeless tire valve with hex cap



Boxed Part No.	Retail Part No.	Per Card	TR Number	Rim Hole Diameter	Effective Length (in)
413-1	s-413-1	2	TR413	.453"	1 1/4"

434 • 435 • 436 • 437
438 • 439 • 1457

434



435



436



437



438



439



1457

VALVE CAPS

Boxed Part No.	Retail Part No.	Per Card	TR Number	Description	Thread Size
434				Knurled Cap, Heat Resistant Sealing Washer	.305-32 Thread
435	s-435	4		Hex Head	
436	s-436	5	TR-VC3	Dome Type	
437	s-437	5	TR-VC2	• Screwdriver Type • Built In Valve Removal Slot • For Nitrogen Filled Tires	
438			TR-VC8	• Dome Shape, Standard Valve Caps	
439	s-439	5		Dome Shape, Standard Valve Caps	
1457			TR-VC7	• Screwdriver Type • For servicing off-road trucks and heavy equipment equipped w/ large bore valves	.485-26

440 • 440-1 • 440-2
440-3 • 440-4 • 440-5

440



440-1



440-2



440-3



440-4



440-5

TRUCK VALVE EXTENSIONS

- Nickel plated brass, nickel plated long skirt, hi-heat cap
- All thread sizes: .305-32

Boxed Part No.	Retail Part No.	Per Card	Effective Length (in)
440			1 3/8"
440-1			2 1/4"
440-2			3 1/16"
440-3			3 11/16"
440-4	s-440-4	1	4 1/8"
440-5			5 1/2"

s-441



s-441

3/4" BRASS VALVE EXTENSIONS

- Dust cover design allows pressure check and inflation/deflation without removing cap
- Threaded for valve caps and/or wheel cover locks
- All thread sizes: .305-32



Retail Part No.	Per Card	Effective Length (in)
s-441	4	3/4"

443



3-IN-1 VALVE EXTRACTOR TOOL

The Speedy Tire Inflation Tool

- Removes valve cores while simultaneously allowing for rapid inflation
- Up to a 47% decrease in inflation time

Retail Part No.	Per Card	Overall Length	NPT
s-443	1	5 1/8"	.305-32

444



444

VALVE CORE TOOL

- For removal & insertion of valve cores
- One end for standard bore, one end for large bore valves

Boxed Part No.	Retail Part No.	Per Card	Overall Length	Handle Length
444	s-444	1	5"	3"

445



445

VALVE REPAIR TOOL

- Use this 4-in-1 valve tool for rethreading inside and outside of valve stems, as well as insertion and removal of valve cores
- Allows removal of valve cores even if the shoulders are broken

Boxed Part No.	Retail Part No.	Per Card	Overall Length	Handle Length
445	s-445	1	5"	3"

446



s-446

TUBE DEFLATOR & CORE REMOVER

- With this 2-in-1 tool deflate using one end, and insertion and removal of valve core with other end

Retail Part No.	Per Card	Description
s-446	1	Tube Deflator & Core Remover

447



s-447

VALVE FISHING TOOL

- Designed to align or seal valve stem through rim hole
- Handle offers same features as Milton® #446

Retail Part No.	Per Card	Overall Length	Valve Attachment Head Diameter
s-447	1	8 1/4"	7/16"

448



s-448

TIRE TREAD DEPTH GAGE

- Round aluminum indicator bar calibrated 0 to 1" in 1/32" markings
- Handy pocket clip

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	Description
448	448BK	s-448	1	Tire Tread Depth Gage - 0 to 1"



EX448DIG



EX448DIG

EXELAIR® DIGITAL TIRE TREAD DEPTH GAUGE

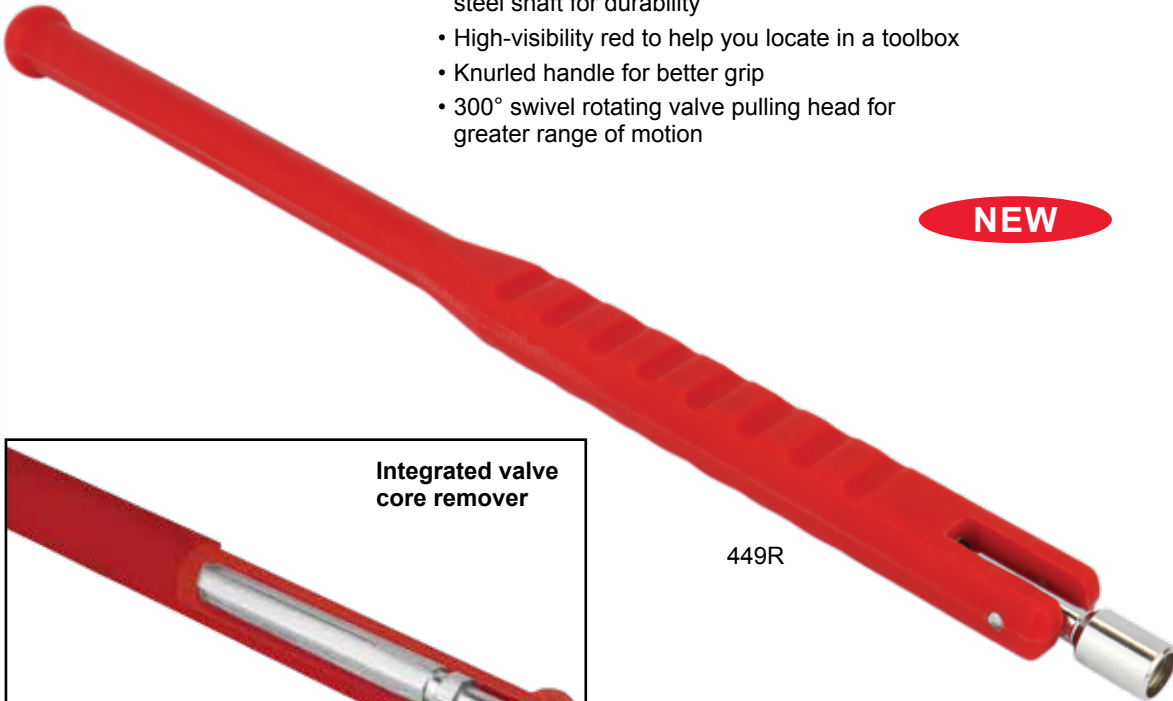
- Accurately measures tire tread depth
- Digital backlit display
- Zero setting at any depth
- Reads in inches and MM

Retail Part No.	Per Card	Application
EX448DIG	1	• Batteries Included • Automatic Shut Off

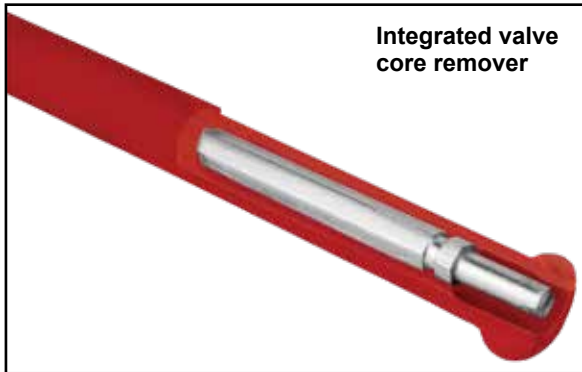
449R

**HEAVY-DUTY VALVE INSERTION TOOL
WITH VALVE CORE REMOVER**

- Multi-functional tire repair tool – removes/replaces valve cores and valve stems all in one tool!
- Single piece nylon construction, with a highly rigid steel shaft for durability
- High-visibility red to help you locate in a toolbox
- Knurled handle for better grip
- 300° swivel rotating valve pulling head for greater range of motion

Integrated valve
core remover

449R



s-449

VALVE INSERTION TOOL

- For the installation or removal of “snap-in” type tubeless tire valves

Retail Part No.	Per Card	Description
s-449	1	Valve Insertion Tool



s-449

BLO-GUNS
100 SERIESKITS & FAUCETS
200/300 SERIESTIRE HARDWARE
400/1400 SERIESINFLATOR GAGES
500 SERIESFITTINGS & HOSES
600/1600 SERIES

451 • 452



451 452

PLASTIC EXTENSIONS

- Lightweight so it does not affect wheel balance
- Extends through hole in cover for ease in inflating and checking tire pressure
- All thread sizes: .305-32

Boxed Part No.	Retail Part No.	Per Card	Effective Length (in)
451	s-451	4	3/4"
452	s-452	4	1 1/4"

462 • 463 • 464 • 465



462

463



464

465

TRACTOR TIRE VALVES

Boxed Part No.	Retail Part No.	Per Card	TR Number	Application	Patch Diameter	Effective Length (in)
462	s-462	1	TR-218A	• Road Grader & Tractor Tubes • Base Prepared for Electric or Chemical Application to Tubes	4 1/4"	1 27/32"
463			TR-LN-10	• Brass Rim Nut • For Air/Water Tractor Valves • .485-26 Thread		
464	s-464	2	TR-CH-3	• Replacement Core Housing • Complete w/ Valve Core and Cap		
	s-465	2	TR-CH-1	• Replacement Core Housing • Complete w/ Valve Core and Cap for Old Style Air/Water Valves		

s-466



s-466

AIR/WATER ADAPTER KIT

- Connects any 3/4" garden hose to tire pressure valves to fill tires with liquid
- Fits all tube and tubeless valves in this section with the core housing removed

Retail Part No.	Per Card	Application
s-466	1	Comes complete with 2 Bushings, 1 Standard Bore, One Large Bore

469



469

CLAMP-IN TUBELESS AIR/LIQUID VALVE

- For farm tractor and road grader tires
- Fast filling large bore type
- Complete w/ #464 housing

Boxed Part No.	Retail Part No.	Per Card	TR Number	Rim Hole Diameter	Max Pressure	Effective Length (in)
469	s-469	1	TR-618A	5/8"	90 PSI	2 1/2"

470 • 471



470



471

CLAMP-IN TUBELESS TIRE VALVES

Boxed Part No.	TR Number	Application	Material	Rim Hole Diameter	Max Pressure
470	TR-416	Universal Clamp-in	Nickel Plated Brass	.453" and 5/8"	When Pressure Exceeds 45 PSI
471	TR-417	Special Clamp-in	Brass		

473 • 474 • 476

473
474

476

TUBE TYPE TIRE VALVES

Boxed Part No.	TR Number	Application	Rim Hole Diameter
473	TR-13	• Patch Valve • Apply Hot or Cold • Fits 13", 14", 15" Tubes	0.453
474	TR-15	• Patch Valve • Apply Hot or Cold • Fits 16" Tubes	0.625

476		• Oval Slot Tubeless Valve • Ready to Use with Grommet, Washer, Valve Core, Hex Nut and Screwdriver Cap • For Firestone 16 X 6 Ks Wheel w/ Oval Valve Hole
-----	--	--

481 • 482 • 483
484 • 485 • 486

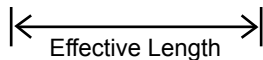
482



484



486



Effective Length

TRUCK & BUS CLAMP-IN TUBELESS TIRE VALVES

- Straight clamp-in type valves for 5/8" side hole mounting
- For demountable and non-demountable rims

Boxed Part No.	TR Number	Effective Length (in)
481	TR-571	3 17/32"
482	TR-501	1 21/32"
483	TR-500	2 5/32"
484	TR-570	3 9/32"
485	TR-572	3 29/32"
486	TR-573	4 17/32"



TUBELESS ALUMINUM TRUCK VALVE

Boxed Part No.	TR Number	Application
492	TR-510	Used In Drop Center Aluminum Disc Wheels with 5/8" Bottom Valve Hole



SNAP-IN TUBELESS TIRE VALVES

- Maximum cold inflation pressure may not exceed 80 PSI

Boxed Part No.	50-Pk Part No.	TR Number	Rim Hole Diameter	Effective Length
493-10	493-50	TR600	.453"	1 1/4"
494-10	494-50	TR602		2"



LARGE BORE AIR CHUCKS

- Inflating air chucks
- Maximum pressure: 150 PSI

Large Bore Adapter

Boxed Part No.	Thread Size	Increments (lbs & kPa)	TR Number	Application
1460	.305-32	2 lbs. 20 kPa	TR-AD1	- Reduces to Standard Bore - Complete with Gasket

Large Bore Lock On Chuck

Boxed Part No.	NPT
1470	1/4" Female

Large Bore Long Handle Lock On Chuck

Boxed Part No.	NPT	Application
1471	1/4" Female	- Straight Push On 5 1/8" Handle



LARGE BORE AIR CHUCKS & REPAIR TOOL

- Inflating air chucks
- Maximum pressure: 150 PSI



Large Bore & Standard Dual Foot Chuck

Boxed Part No.	NPT	Application
1472	1/4" Female	• 9" Handle

Large Bore Tube Deflator

Boxed Part No.	NPT
1475	1/4" Female

Large Bore 4 Way Valve Tool

Boxed Part No.	Application
1477	- For Rethreading Inside and Outside of Valve Stems - Insertion and Removal of Valve Cores

Large Bore Kwik Grip Safety Air Chuck

Boxed Part No.	NPT	Application
1496	1/4" Female	- For Large Bore Valves - Locks On Valve

DIGITAL INFLATOR GAGES

PRECISE ACCURACY

Accurate to within $\pm 0.25\%$!

NEW & IMPROVED

BLO-GUNS
100 SERIESKITS & FAUCETS
200/300 SERIESTIRE HARDWARE
400/1400 SERIESINFLATOR GAGES
500 SERIESFITTINGS & HOSES
600/1600 SERIES

580e SERIES PRECISION

DIGITAL INFLATOR GAGE

Easy-to-Read Digital LCD Display

- LCD display can be viewed from horizontal or vertical position

Job site work light

Auto ON/Auto OFF Feature

- Powers on when air pressure is detected, powers off after 120 seconds of inactivity

M-Style® Plug connection included

Integrated hang hook for storage

Deflation button
Fine tune air pressure

Comfortable, rubberized ergonomic handle

s-580eKIT

Precision Digital Inflator Gage

- NEW large, easy-to-read LCD digital screen display
- Display can be read horizontally or vertically
- RoHS-Compliant for precision air inflation
- Accurate to within $\pm 0.25\%$
- Measures in PSI, BAR, kPA and kg/cm²
- Pressure range: 0 to 160 PSI
- 24" flexible hose with M-style® air coupler chuck connection

Part No.	s-580eKIT
Qty	Description
1	PRECISION Digital Inflator Gage w/ Coupler Hose Whip
1	Ball Foot Air Chuck w/ Plug Connector
1	Dual Head Air Chuck w/ Plug Connector
1	Dual Head Straight Foot Chuck w/ Plug Connector
1	Easy-On Air Chuck w/ Plug Connector



s-580eKIT

DIGITAL INFLATOR GAGES (cont)

555e



Digital Inflator/Deflator Gage

- Rugged, heavy-duty feel with protective rubber housing encasement
- Full-pull inflates, half-pull deflates
- Highly-accurate digital inflator gage with a backlit high-contrast LCD display
- Display reads in PSI, BAR, kPa or kg/cm²
- 15" EPDM rubber air hose
- 5-220 PSI pressure range
- ± 0.1 PSI accuracy
- Euro-style clip-on air chuck
- Working temperature: 32° to 104°F



NEW

555e-HD



Heavy-Duty Digital Inflator/Deflator Gage

- OSHA compliant
- Rugged, heavy-duty feel with protective rubber housing encasement
- Full-pull inflates, half-pull deflates
- Highly-accurate digital inflator gage with a backlit high-contrast LCD display
- Display reads in PSI, BAR, kPa or kg/cm²
- 60" EPDM rubber air hose
- 5-150 PSI pressure range
- ± 0.1 PSI accuracy
- Extended reach dual head straight foot air chuck
- Working temperature: 32° to 104°F



NEW



555e-HD

DIGITAL INFLATOR GAGES (cont)

s-568



s-568

Digital Pistol Grip Inflator Gage

SUPER COMFORTABLE ERGONOMIC GRIP

- 360° swivel design for easy viewing
- Backlit digital displays in PSI, kPa, Bar and kg/cm² measurements
- Meets ANSI/ASME B40-1 standards
- Automatic shut-off after 15 seconds
- "Half pull deflate - Full pull inflate" design
- Durable rubber boot and batteries included
- Accuracy: +/- 0.5 PSI
- Resolution: 0.1 PSI



Retail Part No.	Per Card	Range		Hose Length	Air Chuck	
		(PSI & kPa)	(Bar & kg/cm ²)		Style	Full Swivel
s-568	1	0-255 PSI 0-1750 kPa	0-17.5 Bar 0-17.5 kg/cm ²	20"	Straight Lock-On	N/A

s-568-84



s-568-84

Digital Pistol Grip Inflator Gage w/ 84" Long Reach Hose

SUPER COMFORTABLE ERGONOMIC GRIP

- 84" hose to remove you from blast zone
- Lock on air chuck
- 360° swivel design for easy viewing
- Backlit digital displays in PSI, kPa, Bar and kg/cm² measurements
- Meets ANSI/ASME B40.1 standards
- Automatic shut-off after 15 seconds
- "Half pull deflate - Full pull inflate" design
- Durable rubber boot and batteries included
- Accuracy: +/- 0.5 PSI
- Resolution: 0.1 PSI



NEW



Retail Part No.	Per Card	Range		Hose Length	Air Chuck	
		(PSI & kPa)	(Bar & kg/cm ²)		Style	Full Swivel
s-568-84	1	0-255 PSI 0-1750 kPa	0-17.5 Bar 0-17.5 kg/cm ²	84"	Straight Lock-On	N/A

BLO-GUNS
100 SERIESKITS & FAUCETS
200/300 SERIESTIRE HARDWARE
400/1400 SERIESINFLATOR GAGES
500 SERIESFITTINGS & HOSES
600/1600 SERIES

DIGITAL INFLATOR GAGES (cont)

MIL507KIT



MIL507KIT

Digital Tire Inflator & Tire Valve Repair Kit

NEW

- Pistol grip body design molded from high-quality steel
- Pull trigger to inflate, use integrated push button to deflate
- LCD digital display reads in PSI, BAR, kPa or kg/cm³
- Auto-on feature when air pressure is detected, turns off after 15 seconds of inactivity
- 14" rubber air hose
- 0-250 PSI pressure range
- ± 1 PSI accuracy
- Euro-style air chuck
- Working temperature: 32° to 104°F
- Kit includes (1) M-Style® air connection plug, (4) TR VC 8 valve caps, (1) 4-in-1 core repair tool and thread seal tape
- (2) AAA batteries required

s-530 • s-531



s-530

Compact Digital Inflator Gages

SHORTER CASTING GIVES USER BETTER CONTROL

- Swivel gage design for easy viewing
- Backlit digital displays in PSI, kPa, Bar and kg/cm² measurements
- Pressure range: 0-255 PSI
- Meets ANSI/ASME B40-1 standards
- 6" extended reach, 360° swivel chucks
- Resolution: 0.1 PSI
- Accuracy: +/- 0.5 PSI



Retail Part No.	Per Card	Hose Length	Range		Air Chuck		
			(PSI & kPa)	(Bar & kg/cm ²)	Style	Full Swivel	Chuck Extension
s-530	1	15"	0-255 PSI	0-17.5 Bar	Dual Head	YES	12"
s-531	1		0-1750 kPa	0-17.5 kg/cm ²	Dual Head Straight Foot		



s-531

DIGITAL INFLATOR GAGES (cont)

572D • 573D • s-574D
s-575D • s-576D
s-577D • s-578D

Pro Series Digital Pistol Grip Inflator Gages



High-Accuracy Digital Pressure Gage

- Full 360° swivel - view at any angle & lays flat for storage
- AUTO ON when pressure is detected
- 15-second AUTO OFF saves batteries
- LCD Back-lit display for use in low-light conditions
- (2) AAA Batteries included
- Meets ANSI/ASME B40-1 standards

360° Swivel Chuck:

- 573D
- s-575D
- s-576D
- s-577D
- s-578D

Multiple Chuck & Hose Configurations

572D	KWIK GRIP SAFETY CHUCK
	• Securely locks onto tire valves • Includes extra-long 36" rubber hose
573D	BALL FOOT AIR CHUCK W/ CLIP
	• Quickly attach/detach in tight spaces • Includes extra-long 36" rubber hose
s-574D	STRAIGHT FOOT CHUCK
	• Minimizes breakage to TPMS valves • Includes 15" rubber hose
s-575D	BALL FOOT CHUCK
	• Great for motorcycles & other hard to reach valves • Includes 15" rubber hose
s-576D	CLASSIC DUAL HEAD CHUCK
	• Great general purpose & commercial vehicle air chuck • Includes 15" rubber hose plus 5 1/4" brass chuck extension
s-577D	DUAL HEAD STRAIGHT FOOT CHUCK
	• Straight foot design with lock-on threads for hands-free inflation • Includes 15" rubber hose plus 5 1/4" brass chuck extension
s-578D	LARGE BORE DUAL HEAD CHUCK
	• For construction equipment & heavy equipment with large bore valves • Includes 15" rubber hose plus 5 1/4" brass chuck extension
PRESSURE RANGE: 0-255 PSI RESOLUTION: 0.1 PSI ACCURACY: +/- 0.5 PSI UNITS: PSI, Bar, kPa, kg/cm ²	

**ADDITIONAL HOSE/CHUCK
CONFIGURATIONS AVAILABLE ON PG 40**

BLO-GUNS
100 SERIES

KITS & FAUCETS
200/300 SERIES

TIRE HARDWARE
400/1400 SERIES

INFLATOR GAGES
500 SERIES

FITTINGS & HOSES
600/1600 SERIES

ANALOG INFLATOR GAGES

572A • 573A • s-574A
s-575A • s-576A
s-577A • s-578A

Pro Series Oil-Filled Analog Pistol Grip Inflator Gages



Silicone Oil-Filled Analog Pressure Gage

- Full 360° swivel - view at any angle & lays flat for storage
- Superior accuracy
- Absorbs vibrations and pressure spikes
- Reduces wear on moving parts
- Protects against moisture & icing
- Meets ANSI/ASME B40-1 standards

Multiple Chuck & Hose Configurations

572A	KWIK GRIP SAFETY CHUCK
	• Securely locks onto tire valves • Includes extra-long 36" rubber hose
573A	BALL FOOT AIR CHUCK W/ CLIP
	• Quickly attach/detach in tight spaces • Includes extra-long 36" rubber hose
s-574A	STRAIGHT FOOT CHUCK
	• Minimizes breakage to TPMS valves • Includes 15" rubber hose
s-575A	BALL FOOT CHUCK
	• Great for motorcycles & other hard to reach valves • Includes 15" rubber hose
s-576A	CLASSIC DUAL HEAD CHUCK
	• Great general purpose & commercial vehicle air chuck • Includes 15" rubber hose plus 5 1/4" brass chuck extension
s-577A	DUAL HEAD STRAIGHT FOOT CHUCK
	• Straight foot design with lock-on threads for hands-free inflation • Includes 15" rubber hose plus 5 1/4" brass chuck extension
s-578A	LARGE BORE DUAL HEAD CHUCK
	• For construction equipment & heavy equipment with large bore valves • Includes 15" rubber hose plus 5 1/4" brass chuck extension

PICK YOUR CHUCK

PRESSURE RANGE:
0-160 PSI
RESOLUTION: 1 PSI

ACCURACY: $\pm$ 2.5 PSI
UNITS: PSI, Bar

P576-1

Pro Series Pistol Grip Inflator Gage Replacement Piston Kit



- For use with 570 Series digital or analog pistol grip inflator gages (on pages 38 or 39)
- Kit includes replacement piston with o-rings, deflator valve, c-clip and spanner wrench

ADDITIONAL HOSE/CHUCK CONFIGURATIONS AVAILABLE ON PG 40

ANALOG INFLATOR GAGES (cont)

501 • 98-A1-501 • 502
503 • 08-A1-506 • s-504
s-505 • s-506® • s-516®

Window Inflator Gages

Heavy duty construction provides long service life even with constant use. Gage cartridge and valve cartridge replaceable. All window inflator gages equipped with magnifying lens for full view of scale.

- Meets ANSI/ASME B40.1 standards

Replaceable pressure gage cartridge
- ease of field repair

Magnifying lens for full
pressure scale view



Flexible, heavy duty
rubber hose whip

Deflator button
(501 and 98-A1-501 only)

Heavy duty die cast aluminum
body and trigger
- durable, yet lightweight

BLO-GUNS
100 SERIES

KITS & FAUCETS
200/300 SERIES

TIRE HARDWARE
400/1400 SERIES

INFLATOR GAGES
500 SERIES

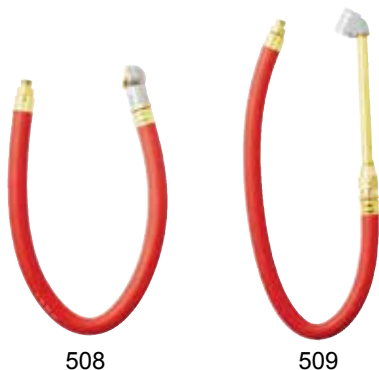
FITTINGS & HOSES
600/1600 SERIES

Part No.	501	98-A1-501	502	503	08-A1-506	s-504	s-505	s-506®	s-516®
Hose Length	5'	15'	3'	3'			15"		
OSHA Compliant	YES					No			
Deflator Button	YES					No			
Replacement Hose Whip	514	P98-A1-501	513	511	P08-A1-506	510	508	509	519
Chuck Style	Dual Head Straight Foot 	Kwik Grip Safety Lock-on 	Single Head w/ Chuck Clip 	Dual Head Large Bore 	Straight (for TPMS) 	Single Head 	Dual Head 	Dual Head 	Dual Head Straight Foot 
Full Swivel	YES	No		YES	No	No		YES	
Chuck Extension	YES			No				YES	
Locking Chuck	Semi-Locking		YES			No			Semi-Locking

ANALOG INFLATOR GAGES (cont)

508 • 509 • 510 • 511 • 513 • 514
519 • P98-A1-501 • P08-A1-506

Window Inflator Gages Replacement Hose Whips



508

509

Part No.	Hose Length	Air Chuck Style	Full Swivel	Thread Size	Replacement Hose Whip for
508	15 Inches	Ball Foot	YES	3/8-24	505
509		Dual Head w/ Extension			506
510		Straight	No		504
511	3 Feet	Ball Foot w/ Chuck Clip	YES		503
513		Kwik Grip Safety	No		502
514	5 Feet	Dual Head Straight Foot	YES		501
519	15 Inches				516
P98-A1-501	15 Feet				98-A1-501
P08-A1-506	15 Inches				Dual Head Large Bore



510

513

519

514

P98-A1-501

512A



512A

Replacement Valve Kit

Part No.	Description
512A	Replacement Valve Kit

500-4 • 500-43



500-4

500-43

Replacement Air Chucks



Part No.	Air Chuck Style	Full Swivel	Replacement Hose Whip for	Application
500-4	Dual Head		527	For Any Vehicles & Tire Changing
500-43	Single Head w/ Chuck Clip		529	

ANALOG INFLATOR GAGES (cont)

s-520 • s-521 • s-522 • 523

Bayonet Inflator Gages



- Lever action, heavy duty construction provides long service life, even with constant use
- Easy to read, large black numbers on “jumbo” white indicator bar
- 2 sides calibrated for PSI and 2 sides calibrated for kPa
- Meets ANSI/ASME B40-1 standards

Durable high-contrast nylon pressure indicator bar

- PSI pressure: 10-120 in 2 PSI increments (black)
- kPa pressure: 80-840 in 20 kPa increments (red)
- Indicator bar extends when trigger is released and retracts automatically

Rubber washer bayonet seal

- Combats soil intrusion

Stamped steel pressure trigger

Brass ferrule hose ends

Flexible, heavy duty rubber hose whip

Heavy duty die cast aluminum body

- Durable & lightweight

Part No.	s-520	s-521	s-522	523
Hose Length	12"			3'
Chuck Style	Straight (for TPMS)	Single Head	Dual Head w/ Extension	Single Head w/ Chuck Clip
				
Full Swivel	No		YES	
Replacement Hose Whip			527	
Application	For Tire with TPMS Sensors	Great for Motorcycles & Hard to Reach Valves		For Any Vehicles & Tire Changing

527



527

Bayonet Inflator Gages Replacement Hose Whips & Chucks



Part No.	Hose Length	Air Chuck Style	Full Swivel	Thread Size	Replacement Hose Whip for
527	12"	Dual Head w/ Extension	YES	1/4" NPT	s-522

HEAVY DUTY TRUCK INFLATOR GAGES

517 • 518 • 550 • 551
552 • 553 • 556 • 561

Heavy Duty Truck Inflator Gages

- 10-160 PSI (80-840 kPa) pressure range
- For use of inflating and deflating truck tires



517



518

550



551



552



553



556



561

Part No.	Hose Length	Air Chuck Style	Full Swivel	Deflator Button	Meets OSHA 1910.177
517	2 Feet	12" Extended Reach Dual Head Straight Foot	YES	YES	No
518	5 Feet	Easy On Grip			YES
550	2 X 7 Feet	12" Extended Reach Dual Head Lock-On + Easy On Grip			
551		2 X 6" Extended Reach Dual Head Lock-On			
552	50 Feet	12" Extended Reach Dual Head Straight Foot			
553	5 Feet	6" Extended Reach Dual Head Lock-On			
556	6 Feet	Large Bore Secure Lock-On			
561	7 Feet	Easy On Grip		Bleed Valve	

550-1B • 550-1S



550-1B



550-1S

Extended Reach Dual Head Lock-On Truck Air Chucks

- Replacement chucks for the #550 Heavy Duty Truck Tire Inflator Gage
- Dual head air chucks provide a wide array of uses
- 550-1B has a 6" extension with a 10° bent, for better access
- 550-1S has a 6" straight extension

Boxed Part No.	Product Specs		Thread Size	Application
	Style	Extension Length		
550-1B	Dual Head Lock-On	6" w/ 10° Bend	1/4" FNPT	For use with heavy duty truck tire inflators
550-1S		6"		

DUNNAGE BAG INFLATOR GAGES

18-H2-1061



18-H2-1061

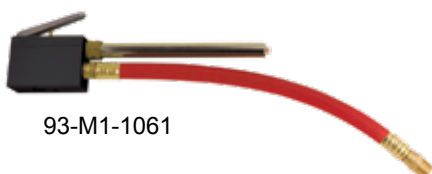
Digital Dunnage Bag Inflator Gages

- High-accuracy digital pressure gage
- LCD backlit display for use in low-light conditions
- AUTO ON when pressure is detected, 15-second AUTO OFF saves battery life
- Easy one-hand finger tip control



Part No.	Pressure Range (PSI)	Housing Material	Deflation Button	Hose Length	Hose Material	Hose Assembly		Brass Swivel Hose End
						Hose ID	Outlet NPT	
18-H2-1061	0-15	Machined Aluminum	YES	15"	EPDM	3/8"	3/8"	No

93-M1-1061 • 94-D1-1061



93-M1-1061



94-D1-1061

Bayonet Dunnage Bag Inflator Gages

- Bayonet style gages are measured in 1/2 PSI increments



Part No.	Pressure Range (PSI)	Housing Material	Deflation Button	Hose Length	Hose Material	Hose Assembly		Brass Swivel Hose End
						Hose ID	Outlet NPT	
93-M1-1061	0-10	Machined Aluminum	No	13.75"	EPDM	3/8"	3/8"	YES
94-D1-1061				N/A	N/A	N/A		No

90-A1-1061



90-A1-1061

Replacement Analog Gage Element

- Replacement analog gage element for the 94-D1-1061 Analog Dunnage Bag Inflator Gage
- 0-10 PSI pressure range, in 1/2 PSI increments

Part No.	Description
90-A1-1061	Replacement Gage Element (1 to 10 PSI)

EXELAIR® PISTOL GRIP INFLATOR GAUGES**EX0500D**

EX0500D

EXELAIR® Digital Pistol Grip Inflator Gauge

- Backlit digital displays in PSI, kPa, Bar and kg/cm² measurements
- Meets ANSI/ASME B40-1 standards
- Automatic shut-off after 15 seconds
- “Half pull deflate - Full pull inflate” design
- Durable rubber boot and batteries included
- Accuracy: +/- 1.0 PSI

Retail Part No.	Range		Hose Length	Air Chuck	
	(PSI & kPa)	(Bar & kg/ cm ²)		Style	Full Swivel
EX0500D	0-100 PSI 0-700 kPa	0-7 Bar 0-7 kg/cm ²	16"	Easy Clip	YES

EX0500P

EX0500P

EXELAIR® Analog Pistol Grip Inflator/Deflator Gauge

- Meets ANSI/ASME B40-1 standards
- Integrated deflation button
- Durable rubber boot
- Integrated hang loop

Retail Part No.	Range		Hose Length	Air Chuck	
	(PSI & kPa)	(Bar & kg/ cm ²)		Style	Full Swivel
EX0500P	0-150 PSI 0-1000 kPa	0-10 Bar 0-10 kg/cm ²	13"	Easy-Clip Chuck	No
EX0510PKIT	10Pc Pistol Grip Analog Inflator Gauge Kit		Kit Includes: (1) EX0500P Gauge, 9 Piece Tire Repair Accessories, Storage Case		

EXELAIR® INFLATOR GAUGE KITS**EX536KIT**

EX536KIT

EXELAIR® 3-in-1 Professional Analog Pistol Grip Inflator/Deflator Gauge Kit

- Meets ANSI/ASME B40-1 standards
- Extra-large, Easy-to-read dial
- “Half pull deflate - Full pull Inflate” design
- Durable rubber boot
- Integrated hang loop

Retail Part No.	Range (PSI & Bar)	Hose Length	Air Chuck		Kit Also Includes
			Style	Full Swivel	
EX536KIT	0-175 PSI 0-12 Bar	16"	Easy-Clip Chuck Dual Head Straight Foot	No	Venturi Blow Gun Tip

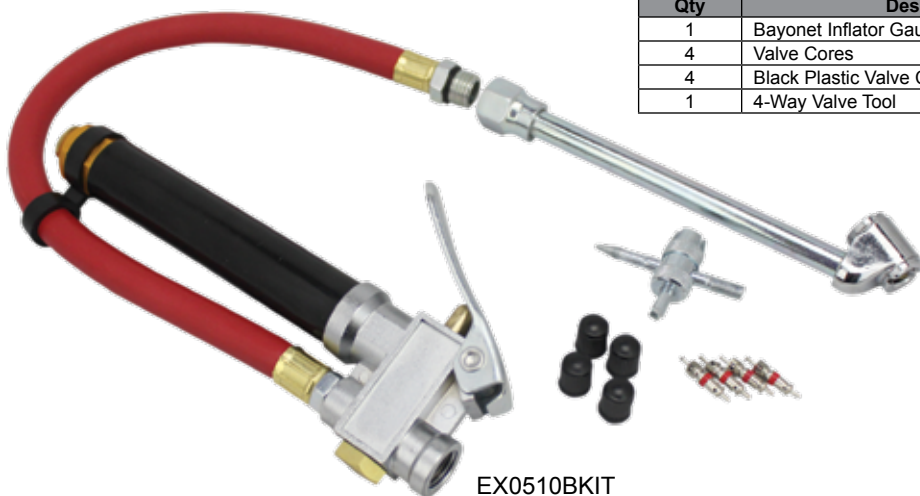
EXELAIR® INFLATOR GAUGE KITS (cont)

EX0510BKIT

EXELAIR® 10-pc Bayonet Inflator Gauge Kit

- Meets ANSI/ASME B40-1 standards
- Comes with storage case

Part No.	EX0510BKIT
Qty	Description
1	Bayonet Inflator Gauge w/ Dual Head Chuck
4	Valve Cores
4	Black Plastic Valve Caps
1	4-Way Valve Tool



EX0510BKIT

EX0510PKIT

EXELAIR® 10-pc Pistol Grip Inflator Gauge Kit

- Meets ANSI/ASME B40-1 standards
- Comes with storage case

Part No.	EX0510PKIT
Qty	Description
1	EX0500P Pistol Grip Inflator Gauge w/ Lock-on Chuck
4	Valve Cores
4	Black Plastic Valve Caps
1	4-Way Valve Tool



EX0510PKIT

BLO-GUNS
100 SERIESKITS & FAUCETS
200/300 SERIESTIRE HARDWARE
400/1400 SERIESINFLATOR GAGES
500 SERIESFITTINGS & HOSES
600/1600 SERIES



BRASS HOSE FITTINGS

NPT = National Pipe Taper (tapered thread for general use)

NPS = National Pipe Straight (straight mechanical thread for free fitting mechanical joints such as paint spraying equipment)

Hose ID = Inside diameter of hose

Hose OD = Outside diameter of hose

600 • 601 • 602 603 • 604



600 602
600-2 603
600-3 604
600-4 604-1
601

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	Product Specs		
				Connection	Hose ID	Thread (NPT)
600	600BK	s-600	2	Male	1/4"	1/4"
600-2					1/8"	1/8"
600-3					1/4"	1/8"
600-4					1/8"	1/4"
601	601BK	s-601	2		5/16"	
602	602BK	s-602	2		3/8"	3/8"
603	603BK	s-603	2			
604					1/2"	1/2"
604-1	604-1BK					

605



605
605-1
605-2
605-3

Boxed Part No.	Retail Part No.	Per Card	Connection	Product Specs	
				Hose ID	Thread (NPS)
605	s-605	2	Female, Non Swivel	1/4"	1/4"
605-1				5/16"	
605-2	s-605-2	2		3/8"	3/8"
605-3					

609



s-609

Brass Female Full Swivel Hose Fittings

Retail Part No.	Per Card	Product Specs		
		Connection	Hose ID	Thread (NPS)
s-609	2	Female, Full Swivel	1/4"	1/4"

611 • 612 • 613



611-4
611-6
612-6
613-8

Brass Male Full Swivel Hose Fittings

Boxed Part No.	Retail Part No.	Per Card	Product Specs	
			Hose ID	Thread (NPT)
611-4	s-611-4	2	1/4"	1/4"
611-6	s-611-6	2	3/8"	
612-6	s-612-6	2		3/8"
613-8				1/2"

614



614-2
614-4
614-6

Drain Cocks

- Brass body
- Steel handle

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	Product Specs
				NPT
614-2	614-2BK	s-614-2	2	1/8"
614-4	614-4BK	s-614-4	2	1/4"
614-6		s-614-6	2	3/8"

615 • 617 • 621 • 622



615
615-8
617
s-621
621-11
622

Re-Usable Brass Hose Fittings

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	Connection	Product Specs		
					Hose OD	Hose ID	NPT
615	615BK			Male End	19/32" or 9/16"	1/4"	1/4"
615-8					1/2"		
617		s-617	1		5/8"		
		s-621	1		3/4"	3/8"	
621-11					11/16"		
622					3/4"		3/8"

BRASS HOSE FITTINGS (cont)

616 • 618 • 623



616
618
623

Re-Usable Brass Hose Menders

NOTE: #616 & #618 may be used with 5/16" hose.
Maximum air pressure 250 PSI for Reusable Fittings and Menders

Boxed Part No.	Connection	Product Specs	
		Hose OD	Hose ID
616	Mender	19/32" or 9/16"	1/4"
618		5/8"	
623		3/4"	3/8"



s-620



s-620

Air Hose Repair Kit

Everything you need to mend air hose in the field

Part No.		s-620
Includes:	Qty	Description
699	1	1/4" Female Air Chuck
663	1	1/4" NPT x 1/4" ID Male Hose End
676	1	1/4" ID Hose Mender
	3	Hose Clamps for 5/8" OD Hose*

* Not available separately



640 • 641 • 642



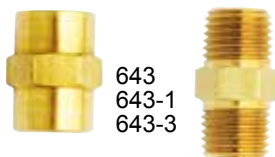
640
641
642
642-1

Brass Hose Menders

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	Product Specs Hose ID
640	640BK	s-640	2	1/4" x 1/4"
641		s-641	2	5/16" x 5/16"
642	642BK	s-642	2	3/8" x 3/8"
642-1				1/2" x 1/2"



643 • 646 • 647 • 648 • 649



643
643-1
643-3

646
646-1
647
647-1
647-2
648

Brass Fittings

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	Product Specs		
				Hose ID	Thread Size	Type
643	643BK	s-643	2	Female Hex Coupling	1/4" NPT x 1/4" NPT	Standard
643-1		s-643-1	2	Female Hex Coupling	3/8" NPT x 1/4" NPT	Standard
643-3		s-643-3	2	Female Hex Coupling	3/8" NPT x 3/8" NPT	Standard
646	646BK	s-646	2	Male Hex Nipple	1/4" NPT x 1/4" NPT	Standard
646-1		s-646-1	2	Male Hex Nipple	1/4" NPT x 3/8" NPT	Standard
647		s-647	2	Male Hex Nipple	3/8" NPT x 3/8" NPT	Standard
647-1				Male Hex Nipple	3/8" NPT x 1/2" NPT	Standard
647-2				Male Hex Nipple	1/2" NPT x 1/2" NPT	Standard
		s-648	2	Male Hex Nipple	1/4" NPT x 1/4" NPS	Ball Socket
		s-649	2	Male Hex Nipple	1/4" NPS x 1/4" NPS	Ball Socket

650 • 651 • 652



650
651
651-1
652
652-4
652-8

Brass Reducer Bushings

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	Product Specs	
				NPT Male End	NPT Female End
650		s-650	2	1/4"	1/8"
651	651BK	s-651	2	3/8"	1/4"
651-1	651-1BK			1/2"	
652		s-652	2		3/8"
652-4					3/8"
652-8		s-652-8	1		1/2"



BRASS HOSE FITTINGS (cont)

653



653
653-2
653-4

Brass Adapters

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	Product Specs	
				NPT Female End	NPT Male End
653		s-653	2	1/4"	1/8"
653-2		s-653-2	2	3/8"	1/4"
653-4	653-4BK	s-653-4	2	1/2"	3/8"



655 • 656



655
655-1



656
656-1

Solid Brass Female "Tees" & "Crosses"

Boxed Part No.	Retail Part No.	Per Card	Product Specs	
			NPT	Type
655	s-655	1	1/4"	"T" Openings
655-1	s-655-1	1	3/8"	
656	s-656	1	1/4"	"Cross" Openings
	s-656-1	1	3/8"	



IN-LINE & AIR ACCESSORIES

s-637



s-637

In-Line Filter

Compact effective way to protect air tools & equipment by eliminating impurities in compressed air system. Sintered bronze 40 micron filter removes rust, scale, dirt, with minimal pressure drop

Retail Part No.	Per Card	Product Specs		
		NPT	Length	SCFM
s-637	1	1/4"	1 3/4"	19



638



s-638



638-7

s-638-1

In-Line Flow Control Valve

- Use as shut-off valve for air and non-corrosive liquids
- SCFM: 5.0 @ 100 PSI
- Max pressure: 150 PSI
- Temperature range: 40°F to 250°F

Boxed Part No.	Retail Part No.	Per Card	Product Specs	
			Description	
	s-638	1	1/4" Female x 1/4" Male	
	s-638-1	1	1/4" Female x 1/4" Male w/ Gage	
638-7			0-160 PSI Gage - 1/8"-27 Male NPT	



s-639



s-639

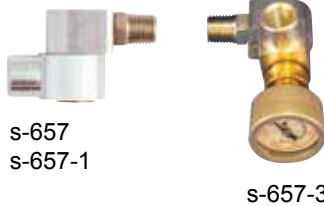
In-Line Lubricator

To lubricate pneumatic tools for full protection by accurately metering correct amount of oil

Retail Part No.	Per Card	Product Specs		
		Inlet NPT	Outlet NPT	Capacity
s-639	1	1/4" Male	1/4" Female	1/2 oz

IN-LINE & AIR ACCESSORIES (cont)

657



Air Hose Swivel Connectors

Attach portable air tools to air hose. 360° swivel in two places prevents hose kinking, and keeps the hose out of the way. Female pipe threads connect to most hose fittings and adapters. Not for use with percussion tools

Retail Part No.	Per Card	NPT	Product Specs Feature
s-657	1	1/4"	
s-657-1	1	3/8"	
s-657-3	1		with Flow Control & Gage

658 • 659



Full Swivel Hose Ends

Full 360° swivel hose ends help eliminate kink and twisted air lines. Steel construction, black oxide finish



Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	NPT	Product Specs NPT or ID
658	658BK	s-658	1	1/4" Male End	Swivel Barb 1/4" ID
659		s-659	1	1/4" Male End	1/4" NPT Female Swivel End

660



Brass Swivel "L" Adapter

Part No.	NPT	Type
660	1/4" NPT Male x 1/4" NPT Female	Swivel

663



Zamak Alloy Hose End & Menders

Boxed Part No.	Retail Part No.	Per Card	Product Specs Description	Hose ID
663	s-663	2	End	1/4" ID x 1/4" NPT

680 • 681



SWIVEL END SNUBBER HOSES

Absorbs shock to air couplers from impact tools and/or air hammers. Snubber hoses are fitted with a full 360° steel swivel fitting for greater flexibility and easier use

- Burst pressure: 800 lbs.
- Maximum working pressure: 200 PSI



Boxed Part No.	Retail Part No.	Per Card	Product Specs Hose ID	Length	360° Swivel Fitting NPT	Brass Fitting
	s-680	1	1/4"	30"	Male 1/4"	Female 1/4"
681			1/2"	2'	Male 3/8" Non-Swivel	Male 3/8"
681-1					Male 1/2" Non-Swivel	Male 1/2"

IN-LINE & AIR ACCESSORIES (cont)

683



Aluminum Hexagon Manifolds

NEW

Boxed Part No.	Retail Part No.	Per Card	Inlet Female NPT	Three Outlets Female NPT
683-4A	s-683-4A	1	1/4"	1/4"
683-6A	s-683-6A	1	3/8"	3/8"

684

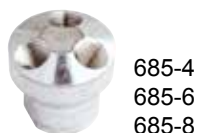


Air Compressor Tank Valve

- Maximum air pressure: 200 PSI
- Cap thread size: .305-32
- Standard valve core and plastic cap
- Overall length with cap: • 684 - 1" • 684-4 - 1 1/2"

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	Product Specs NPT
684	684BK	s-684	2	1/8"
684-4	684-4BK	s-684-4	2	1/4"

685



Aluminum Manifolds

Boxed Part No.	Retail Part No.	Per Card	Product Specs	
			Inlet Female NPT	Three Outlets Female NPT
685-4	s-685-4	1	1/4"	1/4"
685-6	s-685-6	1	3/8"	
	s-685-8	1	1/2"	

IN-LINE COMBINATION ALUMINUM MANIFOLDS

686-4 • 686-5



In-Line Standard Manifolds

- Made of black anodized aluminum, available in 3-, 4- and 5-port configurations
- Main ports on both ends and back of manifold
- 1/4" inlets
- Outlet port spacing: 1 1/8" on-center
- Flow-thru design and connectable, for air station set ups

Boxed Part No.	INLETS Female NPT	# Outlets	OUTLETS Female NPT	Overall Length
686-4	1/4"	4	1/4"	4.95"
686-5		5		6.10"

686-3HF • 686-4HF
686-5HF



In-Line Hi-Flow Manifolds

- Made of black anodized aluminum, available in 3-, 4- and 5-port configurations
- Main ports on both ends of manifold
- 1/2" inlets and mounting holes
- Outlet port spacing: 1 3/8" on-center
- Flow-thru design and connectable, for air station set ups

Boxed Part No.	Bulk Part No.	INLETS Female NPT	# Outlets	OUTLETS Female NPT	Overall Length
686-3HF	686-3HFBK	1/2"	3	1/4"	4.75"
686-4HF	686-4HFBK		4		6.10"
686-5HF	686-5HFBK		5		7.50"

99681



VARIABLE ANGLE SWIVEL FITTINGS

Fittings rotate 360° at a 45° angle in any direction virtually eliminating hose twisting and kinking. Rubber dust cover

- Maximum working pressure: 145 PSI
- Temperature range: -37°F to 176°F

Retail Part No.	Per Card	NPT	Product Specs Type
s-99681-4	1	1/4" Male	1/4" M-Style® Plug
s-99681-5	1	3/8" Male	
s-99681-7	1	1/4" Female	1/4" Female NPT
s-99681-8	1	1/4" Male	1/4" T-Style Plug
s-99681-9	1	1/4" Female	

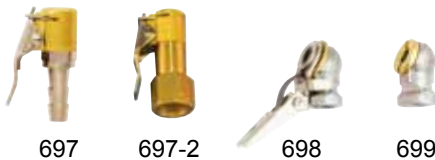
**691 • 692 • 693-12CG • 694 • 695
696 • 697 • 697-2 • 698 • 699**



691 s-692 694



695 s-696 693-12CG



697 697-2 698 699

AIR CHUCKS

- #692 Safety Grip Chuck Clip will fit all standard single head air chucks
- Designed and manufactured to exacting standards
- Maximum air pressure: 150 PSI
- All air chucks listed below are "closed" or "sealing" type chucks and are not for use on Milton® inflator gages



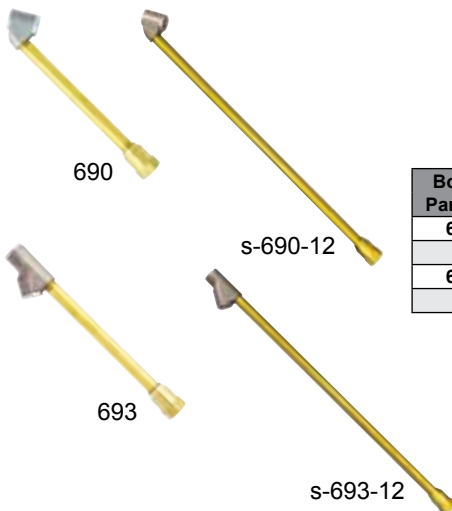
*693 made with US/Global components

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	Product Specs Description	Size
691	691BK			Straight Head Air Chuck	1/4" NPT
		s-692	1	Safety Grip Chuck Clip	
		693-12CG	1	12" Dual Head Straight Foot Air Chuck w/ Cushion Grip	
694	694BK			Single Head Air Chuck w/ Grip Chuck Clip	1/4" ID Hose Barb
695	695BK	s-695	1	Single Head Air Chuck	1/4" FNPT
		s-696	1	Kwik-Grip Safety Air Chuck	1/4" ID Hose Barb
697		s-697	1	European Style Air Chuck w/ Grip Chuck Clip	1/4" ID Hose Barb
697-2		s-697-2	1		
698	698BK	s-698	1	Single Head Air Chuck w/ Grip Chuck Clip	1/4" FNPT
699	699BK	s-699	1	Single Head Air Chuck	

Chuck Replacement Parts

Part No.	Description
500-6	Replacement Dual Head & Straight Foot Head Chuck Washer
500-7	Replacement Single Head Chuck Washer

690 • s-690-12 • 693 • s-693-12



EXTENDED AIR CHUCKS

- #693/693-12 chuck designed for inner duals - both ends lock on valve core threads
- Designed and manufactured to exacting standards
- Maximum air pressure: 150 PSI
- All air chucks listed below are "closed" or "sealing" type chucks and are not for use on Milton® inflator gages

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	Product Specs Description	Size
690	690BK	s-690	1	Dual Head Air Chuck w/ 5 1/4" Extension	1/4" FNPT
		s-690-12	1	12 1/4" Extended Reach Dual Head Air Chuck	
693	693BK	s-693	1	Dual Head Straight Foot Air Chuck w/ 5 1/4" Extension	1/4" FNPT
		s-693-12	1	12 3/4" Extended Reach Dual Head Straight Foot Air Chuck	

693BLK



693BLK

Dual Head Straight Foot Lock-On Chuck Matte Black Poly Finish

- Heavy-duty brass tube construction is more durable compared to aluminum tube products
- Black non-slip finish provides exceptional grip
- Dual head straight foot lock-on air chuck connects easily to any tire valve



NEW

Retail Part No.	Per Card	Product Specs Chuck Style	Size
693BLK	1	Dual Head Straight Foot	1/4" FNPT

ULR

NEW

-  **40% lighter than standard rubber hose**
-  **Stronger than hybrid PVC hose**
-  **Braided polyester for strength & durability**
-  **Ultra light, super strong construction**
-  **Oil, abrasion & kink resistant**

10 YEAR WARRANTY

ULTRA LIGHTWEIGHT RUBBER HOSE

25-FT HOSE LENGTH



ULR382538

25-Ft Hose Length			
Retail Part No.	Hose ID	Assemblies Length	Fittings NPT
ULR142514	1/4"	25'	1/4"
ULR382514	3/8"	25'	1/4"
ULR382538	3/8"	25'	3/8"
ULR122538	1/2"	25'	3/8"
ULR122512	1/2"	25'	1/2"

35-FT HOSE LENGTH



ULR383538

35-Ft Hose Length			
Retail Part No.	Hose ID	Assemblies Length	Fittings NPT
ULR383538	3/8"	35'	3/8"

50-FT HOSE LENGTH



ULR385038

50-Ft Hose Length			
Retail Part No.	Hose ID	Assemblies Length	Fittings NPT
ULR145014	1/4"	50'	1/4"
ULR385014	3/8"	50'	1/4"
ULR385038	3/8"	50'	3/8"
ULR125038	1/2"	50'	3/8"
ULR125012	1/2"	50'	1/2"

100-FT HOSE LENGTH



ULR3810038

100-Ft Hose Length			
Retail Part No.	Hose ID	Assemblies Length	Fittings NPT
ULR3810038	3/8"	100'	3/8"

ULTRA LIGHTWEIGHT RUBBER HOSE (cont)

BULK HOSE LENGTH



ULR12300BK



ULR12100BK

Retail Part No.	Bulk Hose Length	
	Hose ID	Length
ULR12100BK	1/2"	100'
ULR12300BK	1/2"	300'

NEW

- Bulk air hose offerings come in 100 & 300-ft lengths
- Brass hose assembly fittings and ferrules sold separately

**10 YEAR
WARRANTY**

RAPID REPAIR FIELD AIR HOSE REPAIR KITS

- Easy installation
- Professional duty for replacing damaged fittings or for the field repair of damaged Milton® ULR hoses
- Heavy duty brass construction that resists corrosion, ductility to high temperatures and low magnetic permeability
- Works with all 1/4", 3/8" and 1/2" Milton® ULR Air Hoses
- Max working pressure: 300 PSI

**ULR14RR14F
ULR38RR14F
ULR12RR12F**



ULR38RR14F

Fixed Hose Assembly Repair Kits

Retail Part No.	Hose ID	Type
ULR14RR14F	1/4"	Fixed Hose End
ULR38RR14F	3/8"	
ULR12RR12F	1/2"	

**ULR14RRSP
ULR38RRSP
ULR12RRSP**



ULR38RRSP

Splicer Hose Assembly Repair Kits

Retail Part No.	Hose ID	Type
ULR14RRSP	1/4"	Hose End Splicer
ULR38RRSP	3/8"	
ULR12RRSP	1/2"	

**ULR14RR14S
ULR38RR14S**



ULR38RR14S

Swivel Hose Assembly Repair Kits

Retail Part No.	Hose ID	Type
ULR14RR14S	1/4"	Swivel Hose End
ULR38RR14S	3/8"	

600/1600 SERIES

BRASS FITTINGS, HOSE, IN-LINE F-R-Ls, HOSE CLAMPS, AIR CHUCKS

BLO-GUNS
100 SERIES

1623 • 1624



1623-10
1624-10

Replacement Air Hose Ends

- Burst pressure: 800 lbs.
- Maximum working pressure: 200 PSI

Part No.	Description
1623-10	Male Hose End 1/4" ID x 1/4" MNPT
1624-10	Male Hose End 3/8" ID x 1/4" MNPT

KITS & FAUCETS
200/300 SERIES

PUSH-ON & LOCK ON AIR HOSE

1627 • 1629



1627-100
1627-250
1627-500BK
1629-100
1629-250
1629-500BK

Push-On & Lock On Air Hose

Made of strong, flexible Nitrile with spiral synthetic yarn reinforcement. Resists oil, gasoline, abrasion and ozone. Highly resistant to petroleum based hydraulic oils. No clamps or ferrules needed, just cut hose to desired length and push on fitting. Ideal for automotive paint shop, construction, manufacturing and petrochemical industries. Use with compressed air, water and petroleum based solvents. Fittings are not included with bulk push and lock hose

- Maximum working pressure: 250 PSI
- Burst pressure: 1000 PSI
- Working temperature: -20°F to 210°F (-29°C to 100°C)
- Color: black

Part No.	Hose ID	Hose OD	Length	Packaging
1627-100	1/4"	1/2"	100'	Dispensing Box
1627-250			250'	Handy Reel
1627-500BK			500'	
1629-100	3/8"	5/8"	100'	Dispensing Box
1629-250			250'	Handy Reel
1629-500BK			500'	



TIRE HARDWARE
400/1400 SERIES

INFLATOR GAGES
500 SERIES

1700 • 1702 • 1703 • 1704 1705 • 1706 • 1740 • 1742



1700
1702-4
1703-6
1704-6
1704-8



1705-4
1705-6



1706-4
1706-6
1707-6



1740-4
1742-6

Push-On & Lock On Brass Hose Ends



Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	Hose ID	Product Specs	
					NPT	Fitting
1700	1702-4BK			1/4"	1/4"	Male Hose End
1702-4				3/8"	3/8"	
1703-6				1/2"	1/2"	
1704-6				3/8"	3/8"	
1704-8				1/4"	1/4"	Female Hose End
1705-4				3/8"	3/8"	
1705-6				1/4"	1/4"	Full Swivel Male Hose End
1706-4		s-1706-6	1	3/8"	3/8"	
1706-6				1/4"	1/4"	Mender
1740-4				3/8"	3/8"	
1742-6						

FITTINGS & HOSES
600/1600 SERIES



SIMPLY BETTER AIR®
... and Beyond

EPDM RUBBER AIR HOSE

1628 • 1630 • 1631 • 1632
1633 • 1634 • 1635 • 16361628-1
1630
1631
1632
1633
1634
1635
1636

EPDM Rubber Air Hose

Deluxe heavy duty EPDM rubber is designed for tough service station and shop applications. Kink resistant and flexible in extreme temperatures, resists abrasion, weathering and ozone. Assembled with brass fittings, bulk hose comes without fittings in either a dispensing box or handy reel. Individually boxed. Limited oil resistance

- Maximum working pressure: 250 PSI
- Burst pressure: 1000 PSI
- Working temperature: -40°F to 190°F (-38°C to 87°C)
- Material: EPDM rubber tube & cover, spiral synthetic yarn reinforcement
- Color: red

Part No.	Hose ID	Length	Assemblies
			Fittings, NPT
1628-1	5/16"	50'	Male 1/4" x Female 1/4" Swivel Barb NPS
1630	1/4"	25'	Male 1/4" Both Ends
1631		50'	
1632	3/8"	25'	Male 3/8" Both Ends
1633		50'	
1634		25'	Male 1/4" Both Ends
1635		50'	
1636	1/2"	25'	Male 1/2" Both Ends
1636-1		50'	

1630 • 1632 • 1636



1630-500BK

Part No.	Bulk (No Fittings)			Packaging
	Hose ID	Hose OD	Length	
1630-100	1/4"	5/8"	100'	Box
1630-250			250'	Reel
1630-500BK			500'	
1632-100	3/8"	23/32"	100'	Box
1632-200			250'	Reel
1632-500BK			500'	
1636-150	1/2"	7/8"	150'	
1636-500BK			500'	

JACK HAMMER HOSE

1638



1638

Jack Hammer Hose

- Made of the highest quality EPDM rubber material, complete with universal couplers
- Great for jack hammers, plus other high-consumption pneumatic tools

Boxed Part No.	Product Specs		
	NPT (in)	Hose Length	Max Pressure
1638	3/4"	50'	300 PSI

BLO-GUNS
100 SERIESKITS & FAUCETS
200/300 SERIESTIRE HARDWARE
400/1400 SERIESINFLATOR GAGES
500 SERIESFITTINGS & HOSES
600/1600 SERIES

PVC AIR HOSE

1642 • 1643
1644 • 1645



1642
1643
1644
1645

PVC Air Hose

Lighter in weight than standard air hose. Use with compressed air, water and/or mild chemicals. Resistant to oil, gasoline, abrasion and ozone. Assembled with brass fittings

- Maximum working pressure: 250 PSI
- Working temperature: -10°F to 158°F (-23°C to 70°C)
- Material: thermoplastic PVC blue cover, PVC tube
- Spiral synthetic yarn reinforcement
- Color: blue

Part No.	Hose ID	Assemblies	
		Length	Fittings, NPT
1642	3/8"	25'	Male 1/4" Both Ends
1642-500BK		500'	Bulk Hose, No Fittings
1643		50'	Male 1/4" Both Ends
1644		25'	Male 3/8" Both Ends
1645		50'	



1626



1626



1626-1

Hose Female Crimping Tool & Die

This tool makes professional quality hose assembly fast and easy. Crimps ferrules on hose ranging from 1/4" single braid to 3/8" two braid hose. Made of high strength ductile iron casting has 5 hardened steel ribbed dies ready for instant use. Can be bench-mounted or used as a portable tool at the job site

Part No.	Description
1626	Ferrule Crimping Tool
1626-1	7/16" Die for Crimping Welding Hose 13/16" Die for Crimping 1/2" ID x 7/8" OD Hose

Crimping Tool - Die Sizing Reference		
DIE #	Die ID	Standard Hose
1626 (Die #1)	.630	1/4" or 5/16" ID x 5/8" OD DB
1626 (Die #2)	.580	Undersize 5/8" OD DB
1626 (Die #3)	.530	Undersize 9/16" or oversize 1/2" OD
1626 (Die #4)	.480	1/4" ID x 1/2" OD DB
1626 (Die #5)	.680	3/8" ID x 22/32" OD DB
1626-1	.438	Side 1 - 3/16" ID x 7/16" OD DB
	.813	Side 2 - 1/2" ID x 7/8" OD DB

1654



1654-2
1654-3
1654-4
1654-5
1654-6
1654-7
1654-8
1654-9
1654-12

Brass Hose Ferrules

Boxed Part No.	Bulk Part No.	Product Specs	
		Fits Hose OD	Size
1654-2	1654-2BK	1/2"	1" x .525" ID
1654-3	1654-3BK	9/16"	1" x .562" ID
1654-4	1654-4BK	19/32"	1" x .593" ID
1654-5	1654-5BK	5/8"	1" x .625" ID
1654-6	1654-6BK	21/32"	1" x .656" ID
1654-7	1654-7BK	11/16"	1" x .687" ID
1654-8	1654-8BK	23/32"	1" x .718" ID
1654-9	1654-9BK	3/4"	1" x .750" ID
1654-12	1654-12BK	7/8"	1" x .900" ID



RE-KOIL AIR HOSE

**1667 • 1669 • 1670
1674 • 1675**



1667
1669
1669-100
1670
1674
1674-4
1675
1675-4

Nylon Re-Koil Air Hose

Assembled with re-usable, full flow male NPT swivel fittings on both ends to avoid twisting and kinking. Individual display bag packaged. Resists abrasions

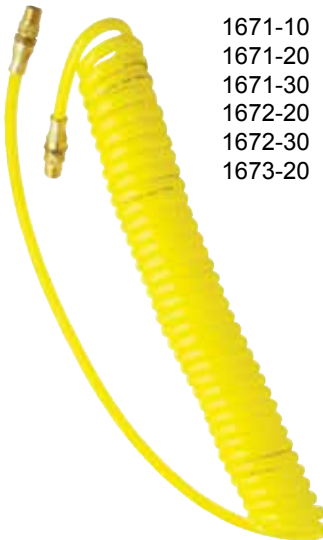
- Maximum working pressure: 200 PSI @ 70°F
- Working temperature: -40°F to 180°F (-38°C to 82°C)
- Material: nylon
- Color: yellow

Part No.	Hose ID	Length	Swivel Male
1667	1/4"	12'	1/4"
1669		25'	
1669-100		100'	
1670	3/8"	50'	1/4"
1674		25'	3/8"
1674-4			1/4"
1675		50'	3/8"
1675-4			1/4"

Replacement fittings for nylon re-coil hose

Part No.	ID	NPT	Type
1669-1	1/4" Male	1/4"	Swivel Hose End
1675-1	3/8" Male	3/8"	
1675-5		1/4"	

1671 • 1672 • 1673



1671-10
1671-20
1671-30
1672-20
1672-30
1673-20

Polyurethane Re-Koil Air Hose

Most flexible of all re-coil hoses has excellent shape retention. Resists abrasions, corrosive materials, oil & grease. Light & flexible completely assembled with 18" straight hose whip with swivel fittings on both ends. Individual display bag package

- Maximum working pressure: 125 PSI @ 70°F
- Working temperature: -50°F to 180°F (-46°C to 82°C)
- Material: polyurethane
- Color: yellow

Part No.	Hose ID	Length	Swivel Male NPT
1671-10	1/4"	10'	1/4"
1671-20		20'	
1671-30		30'	
1672-20	3/8"	20'	3/8"
1672-30		30'	
1673-20		20'	

700/1700/1800 SERIES

AIR COUPLERS & PLUGS
700/1700/1800 SERIES

DRIVEWAY SIGNALS
800 SERIES

PRESSURE GAGES
900 SERIES

F-R-Ls
1000/1100 SERIES

TEST EQUIPMENT
1200 SERIES

COUPLER/PLUG STYLES

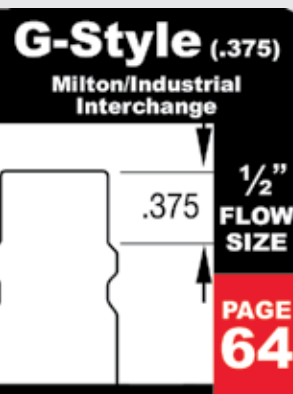
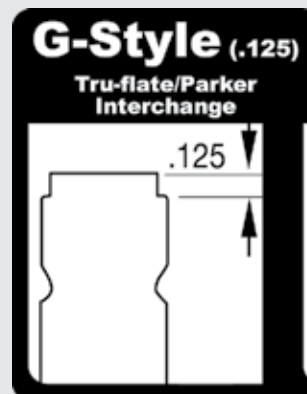
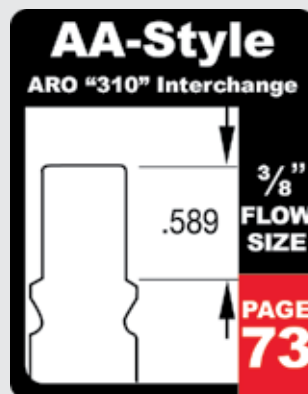
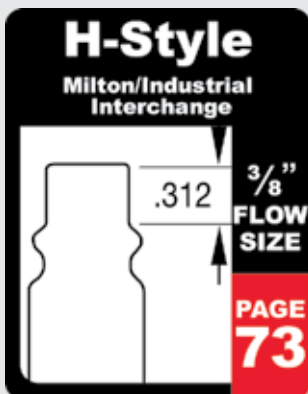
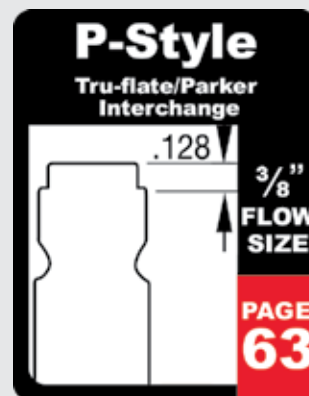
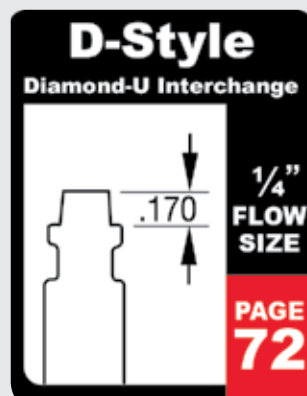
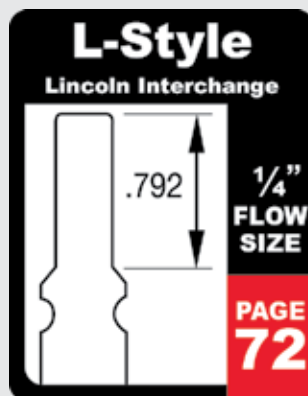
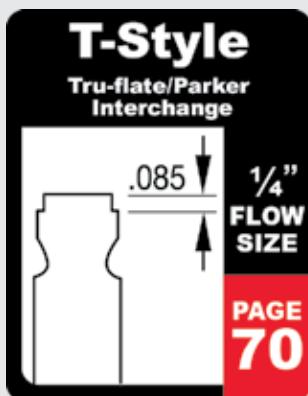
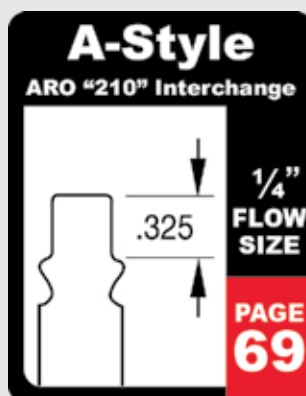
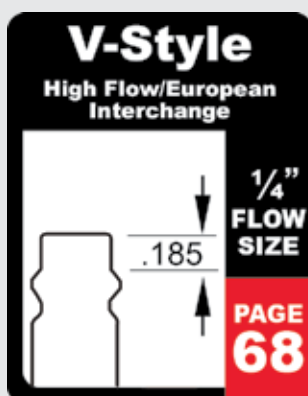
- Milton® offers 11 different automotive & industrial styles
- Most styles are not interchangeable. However, couplers & plugs within the same style, from most manufacturers, will work together
- Milton's "Match-Up System" ensures that all couplers and plugs with the same letter code can be used together regardless of thread size
- Milton's 3-way couplers (page 62) simplify the process by working with A, M® & T style plugs
- Couplers & plugs are not DOT certified

AIR COUPLERS & PLUGS



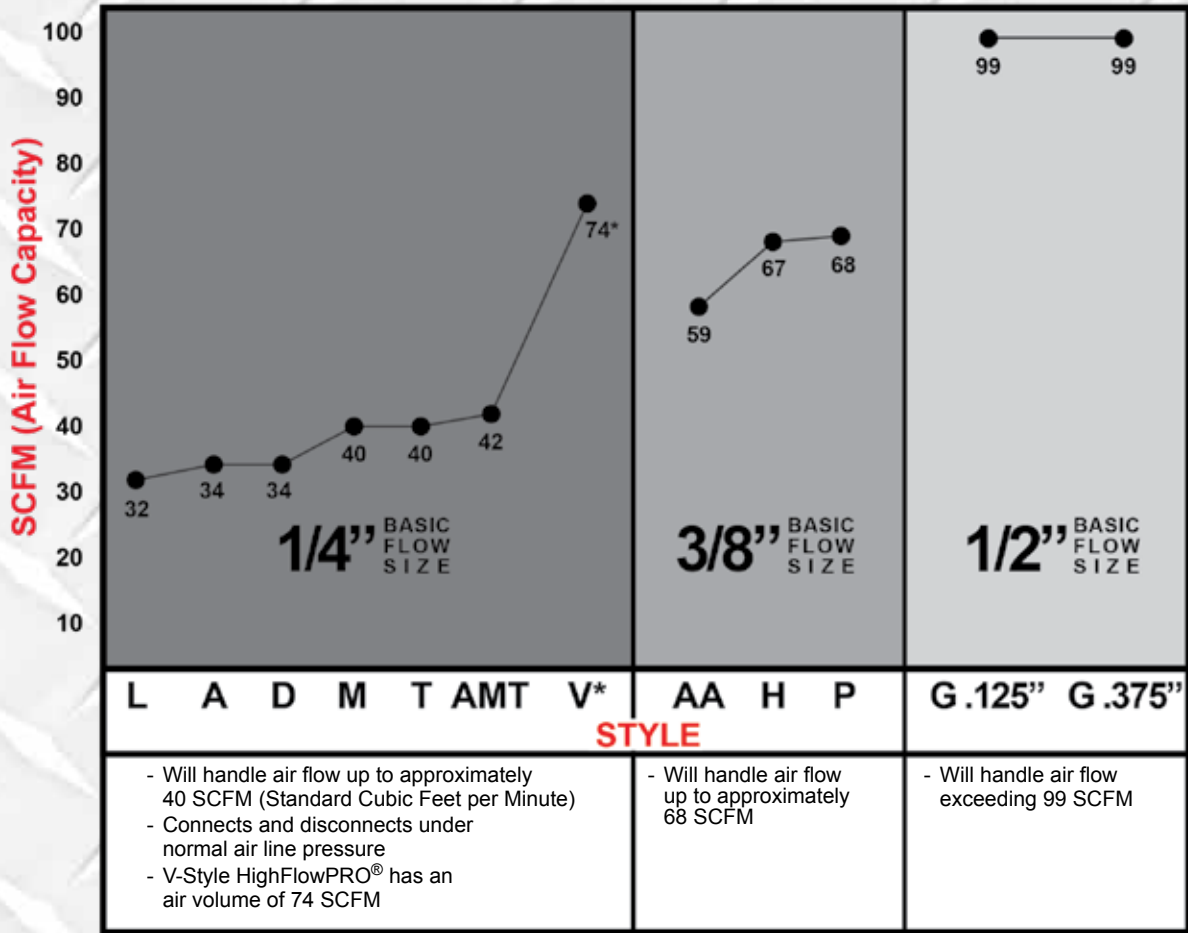
MILTON® PLUG IDENTIFIER

NOTE: PLUG PROFILES
ARE ACTUAL SIZE



AIR HANDLING CAPACITY

- Basic Flow Size defines the air flow capacity
- Please do not confuse Basic Flow Size with Thread Size
- Thread Size is not directly related to air flow capacity in any way



DEFINITION OF TERMS

DRAG GUARD



Protects couplers from accidental disconnection

PUSH-TYPE



Eliminates need to retract coupler sleeve to connect. Convenient and time saving option

PUSH-ON & LOCK

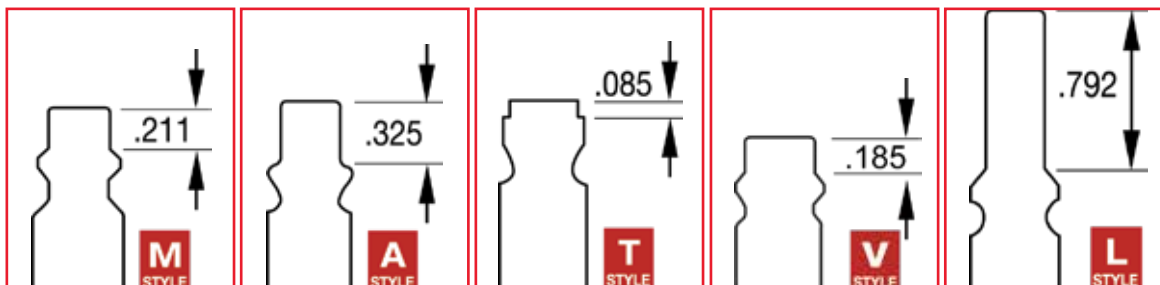
Push cut hose onto hose barb. Locks hose in place. Only for use with Push-On & Lock-On hose on Page 54

RE-CAP

Recap plugs screw directly onto tire valves to allow for direct coupler connection and faster pressurization

SAFETY EXHAUST COUPLERS

Connects with the five most popular plug styles



1750 • 1751 • 1752
1753 • 1754 • 1755

5 in ONE[®]

UNIVERSAL

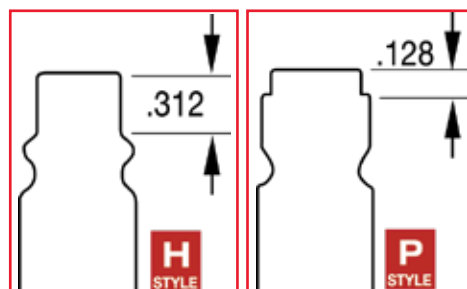


- Push type connection - push plug into coupler to connect, pull back sleeve to release. Convenient and time saving
- Safely disengages fitting without dangerous blow-back from trapped pressure inside your air line or hose
- Heavy-duty steel design with steel plug release sleeve and aluminum safety lock sleeve

1/4" Basic Flow Size						
Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	NPT (in)	Product Specs Connection	Feature
1750	1750BK	s-1750	1	1/4"	Female	Push Type w/ Safety Exhaust Sleeve
1751	1751BK	s-1751	1		Male	
1752	1752BK	s-1752	1	3/8"	Female	
1753	1753BK	s-1753	1		Male	
1754	1754BK				1/4" ID Hose Barb	
1755	1755BK				3/8" ID Hose Barb	

1756 • 1757
1758 • 1759

XSC



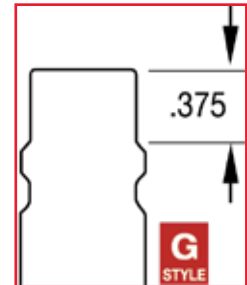
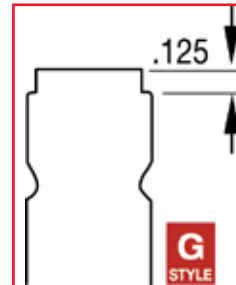
- Connects with H- and P-style 3/8" basic flow plugs
- Maximum inlet pressure: 200 PSI
- Maximum temperature: 225°F

3/8" Basic Flow Size						
Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	NPT (in)	Product Specs Connection	Feature
1756	1756BK	s-1756	1	1/4"	Female	Push Type w/ Safety Exhaust Sleeve
1757	1757BK	s-1757	1		Male	
1758	1758BK	s-1758	1	3/8"	Female	
1759	1759BK	s-1759	1		Male	

WARNING: FOR USE WITH COMPRESSED SHOP AIR ONLY. NOT FOR BREATHABLE AIR USE

SAFETY EXHAUST COUPLERS (cont)

1773 • 1774



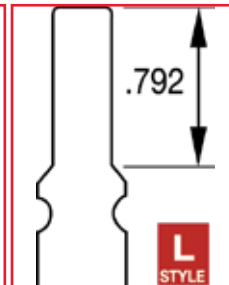
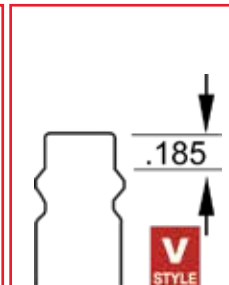
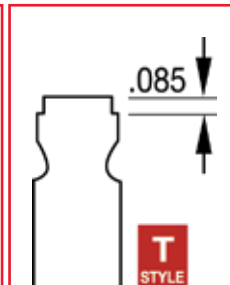
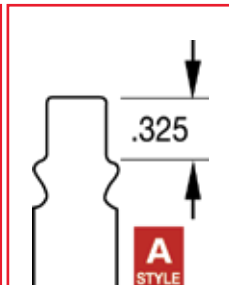
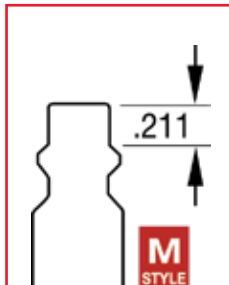
1773
1774

- Connects with G-style 1/2" basic flow plugs
- Maximum inlet pressure: 200 PSI
- Maximum temperature: 225°F

1/2" Basic Flow Size						
Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	NPT (in)	Product Specs Connection	Feature
1773	1773BK	s-1773	1	1/2"	Female	Push Type w/Safety Exhaust Sleeve
1774	1774BK	s-1774	1		Male	

UNIVERSAL COUPLERS

Connects with the five most popular plug styles



743 • 744

5 in ONE®
UNIVERSAL



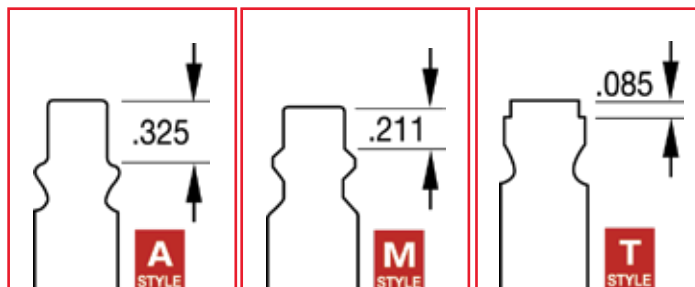
744

743

- Push type connection - push plug into coupler to connect, pull back sleeve to release. Convenient and time saving
- Heavy-duty steel design
- Zinc-plated to resist rust

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	NPT (in)	Product Specs Connection	Body
743	743BK	s-743	1	1/4"	Female	Steel
744	744BK	s-744	1		Male	

WARNING: FOR USE WITH COMPRESSED SHOP AIR ONLY. NOT FOR BREATHABLE AIR USE



745 • 746



A-M®-T STYLE 3-WAY COUPLERS

- 1/4" basic flow size
- 3 ball bearing connection
- A-M®-T Style are push type with drag guard
- Heavy duty brass - rust resistant
- Accepts the 3 most popular 1/4" basic style plugs sold
 - Milton® or Industrial style plugs (M-Style®)
 - Aro 210-style plugs (A-Style)
 - Tru-Flate/Parker automotive style plugs (T-Style)
- Air flow: 42 SCFM



Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	NPT (in)	Connection	Product Specs Body	Sleeve	Features
745	745BK	s-745	1	1/4"	Female	Heavy Duty Brass	Heavy Duty Brass	Push-Type Drag Guard
746	746BK	s-746	1		Male			

STEEL COUPLERS & PLUGS

715ST • 716ST • 717ST 718ST • 719ST



M-Style® Steel Couplers

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	NPT (in)	Connection	Product Specs Material	Feature
715ST	715STBK	s-715ST	1	1/4"	Female	Solid Steel	Steel Drag Guard
716ST	716STBK	s-716ST	1		Male		
717ST	717STBK	s-717ST	1		1/4" ID Hose Barb		
718ST	718STBK	s-718ST	1		Female		
719ST	719STBK	s-719ST	1		Male		



764ST • 765ST 766ST • 767ST



V-Style HIGHFLOWPRO® Hi-Flow Steel Couplers

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	NPT (in)	Connection	Product Specs Material	Feature
764ST	764STBK	s-764ST	1	1/4"	Female	Solid Steel	Push-Type
765ST	765STBK	s-765ST	1		Male		
766ST	766STBK	s-766ST	1	3/8"	Female		
767ST	767STBK	s-767ST	1		Male		

WARNING: FOR USE WITH COMPRESSED SHOP AIR ONLY. NOT FOR BREATHABLE AIR USE

STEEL COUPLERS & PLUGS (cont)

**785ST • 786ST
788ST • 789ST**



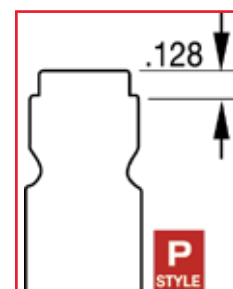
T-Style Steel Couplers

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	NPT (in)	Product Specs Connection	Material
785ST	785STBK	s-785ST	1	1/4"	Female	Solid Steel
786ST	786STBK	s-786ST	1		Male	
788ST	788STBK	s-788ST	1	3/8"	Female	
789ST	789STBK	s-789ST	1		Male	

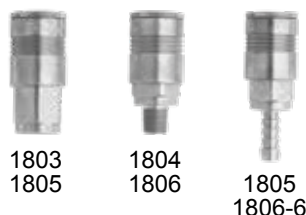
P-STYLE TRU-FLATE/PARKER INTERCHANGE

- 3/8" basic flow size
- 8 ball bearing connection
- P-Style couplers are heavy duty steel
- P-Style plugs are case hardened steel, plated to resist rust
- Also known as "3/8" flow T-Style"

- Maximum inlet pressure: 300 PSI
- Maximum temperature: 250°F
- Air flow: 68 SCFM
- Seals: Buna-N



**1803 • 1804
1805 • 1806 • 1806-6**

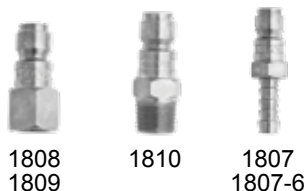


P-Style Steel Couplers

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	NPT (in)	Product Specs Connection	Body	Sleeve
1803	1803BK	s-1803	1	1/4"	Female	Heavy Duty Plated Steel	Heavy Duty Steel
1804	1804BK	s-1804	1		Male		
1805	1805BK	s-1805	1	3/8"	Female		
1806	1806BK	s-1806	1		Male		
1806-6	1806-6BK				3/8" ID Hose Barb		

SEE PG. 54 FOR PUSH-ON & LOCK HOSE

**1807 • 1807-6
1808 • 1809 • 1810**



P-Style Steel Plugs

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	NPT (in)	Product Specs Connection	Body	Sleeve
1809	1809BK	s-1809	2	1/4"	Female	Heavy Duty Plated Steel	Heavy Duty Steel
1810	1810BK	s-1810	2		Male		
1807	1807BK	s-1807	2	3/8"	1/4" ID Hose Barb		
1808	1808BK	s-1808	2		Female		
1807-6					3/8" ID Hose Barb		

s-1802



P-Style 3/8" Steel Coupler/Plug Kit

Kit Part No.	Kit includes (qty):	
	#1803	#1809
s-1802	1	1

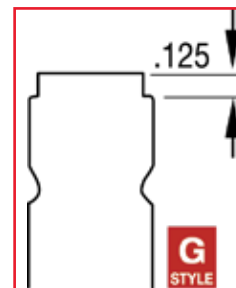
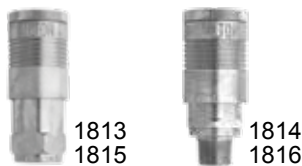


WARNING: FOR USE WITH COMPRESSED SHOP AIR ONLY. NOT FOR BREATHABLE AIR USE

STEEL COUPLERS & PLUGS (cont)
G-STYLE TRU-FLATE/PARKER INTERCHANGE

There are two distinct G-Style plug profiles. Although different, both styles fully connect with all G-Style couplers

- 1/2" basic flow size
- 8 ball bearing connection
- G-Style couplers are steel, plated to resist rust
- G-Style plugs are case hardened steel, plated to resist rust
- Also known as "1/2" flow T-Style"
- Maximum inlet pressure: 300 PSI
- Maximum temperature: 250°F
- Air flow: 99 SCFM
- Seals: Buna-N


**1813 • 1814
1815 • 1816**

G-Style Couplers

• Accepts both .125" and .375" G-Style plugs



Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	NPT (in)	Product Specs Connection	Body	Sleeve
1813				3/8"	Female	Heavy Duty Plated Steel	Heavy Duty Steel
1814					Male		
1815	1815BK	s-1815	1	1/2"	Female		
1816	1816BK	s-1816	1		Male		

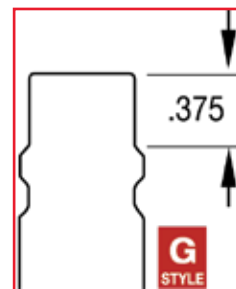
**1817 • 1818
1819 • 1820**

G-Style Plugs

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	NPT (in)	Product Specs Connection	Material
1817	1817BK	s-1817	1	1/2"	Male	Zinc Chromate Coated Steel
1818	1818BK	s-1818	1		Female	
1819	1819BK			3/8"	Male	
1820					Female	

G-STYLE INDUSTRIAL INTERCHANGE

- 1/2" basic flow size
- G-Style couplers are steel plated to resist rust
- G-Style plugs are case hardened steel, plated to resist rust
- Also known as "1/2" flow M-Style®"
- Maximum inlet pressure: 300 PSI
- Maximum temperature: 250°F
- Air flow: 99 SCFM
- Seals: Buna-N


**1855 • 1857 • 1858
1859 • 1860**

G-Style Steel Plugs

Boxed Part No.	Bulk Part No.	Product Specs		
		NPT (in)	Connection	Material
1855	1855BK	1/4"	Male	Case Hardened Plated Steel
1859	1859BK	3/8"		
1860				
1857	1857BK	1/2"	Male	
1858	1858BK		Female	


s-224 • s-1815-2

G-Style 1/2" Coupler/Plug Kits

Kit Part No.	Kit includes (qty):				
	#1815	#1816	#1857	#1858	#652-8
s-224	1	1	1	1	1
s-1815-2	2				

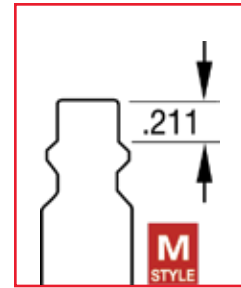


WARNING: FOR USE WITH COMPRESSED SHOP AIR ONLY. NOT FOR BREATHABLE AIR USE

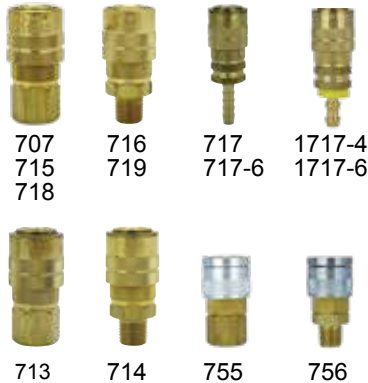
M-STYLE® INDUSTRIAL INTERCHANGE

Milton® M-Style® KWIK-CHANGE® couplers and plugs will interchange with all manufacturers who comply with the dimensional requirements of military specification MIL-C-4109, AA-59439 and ISO 6150 B

- 1/4" basic flow size
- 3 ball bearing connection
- M-Style® plugs are case hardened steel, plated to resist rust
- Maximum inlet pressure: 300 PSI
- Maximum temperature: 250°F
- Air flow: 40 SCFM
- Seals: Buna-N



**707 • 713 • 714 • 715 • 716
717 • 717-6 • 718 • 719
755 • 756 • 1717-4 • 1717-6**



M-Style® Couplers

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	Product Specs				
				NPT (in)	Connection	Body	Sleeve	Feature
707				1/8"	Female	Solid Brass	Brass	
715	715BK	s-715	1	1/4"	Female			
716	716BK	s-716	1	1/4"	Male			
718	718BK	s-718	1	3/8"	Female			
719	719BK	s-719	1	3/8"	Male			
755	755BK	s-755	1	1/4"	Female		Steel	Steel Drag Guard & Push Type
756	756BK	s-756	1		Male			
713	713BK		1		Female		Brass	Drag Guard: Steel Sleeve Brass
714	714BK				Male			
717	717BK				1/4" ID Hose Barb			
717-6	717-6BK				3/8" ID Hose Barb			
1717-4	1717-4BK				1/4" ID Push-on & Lock Hose Barb			
1717-6	1717-6BK				3/8" ID Push-on & Lock Hose Barb			

Boxed Part No.	Description
768	Milton® Synthetic Replacement Washers*

*(Fits all M-Style® Couplers except ColorFit® Couplers)

**726 • 727 • 728 • 729
731 • 732 • 733 • 736
736-6 • 1736-4 • 1736-6**



M-Style® Plugs

SEE PG. 54 FOR PUSH-ON & LOCK HOSE

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	Product Specs		
				NPT (in)	Connection	Material
726				1/8"	Male	Case Hardened Steel
729	729BK			1/8"	Female	
727	727BK	s-727	2	1/4"	Male	
728	728BK	s-728	2	1/4"	Female	
731	731BK		2	.305-.32 Size	Female	
732	732BK	s-732	2	3/8"	Female	
733	733BK	s-733	2		Male	
736	736BK			1/4"	1/4" ID Hose Barb	
736-6	736-6BK			3/8"	3/8" ID Hose Barb	
1736-4	1736-4BK			1/4"	1/4" ID Push-on & Lock Hose Barb	
1736-6	1736-6BK			3/8"	3/8" ID Push-on & Lock Hose Barb	

**s-210 • s-210-14 • s-211
s-212 • s-312MKIT • 711
s-711 • s-715-4 • s-727-5**



M-Style® Coupler/Plug Kits

Kit Part No.	Kit includes (qty):			
	#715	#716	#727	#728
711	10		10	
s-711	1		1	
s-210	2		8	2
s-210-14	4		8	2
s-211	1		3	1
s-212	1		3	3
s-715-4	4			
s-727-5			5	
s-312MKIT	1	1	6	4



WARNING: FOR USE WITH COMPRESSED SHOP AIR ONLY. NOT FOR BREATHABLE AIR USE

M-STYLE® INDUSTRIAL INTERCHANGE (cont)
s-218


s-218

**6-pc M-Style® Coupler/Plug Kit
w/ Variable Angle Swivel Plug**

- Max inlet pressure: 300 PSI
- Air flow: 40 SCFM



s-218	
Part No.	Description
Qty	
1	#715 M-Style® Female Brass Coupler
3	#727 M-Style® Male Steel Plugs
1	#728 M-Style® Female Steel Plug
1	#99681-4 M-Style® Variable Angle Swivel Plug

**1/4"
NPT**
s-219


s-219

5-pc M-Style® Safety Coupler/Plug Kit

- Max inlet pressure: 300 PSI
- Air flow: 40 SCFM



s-219	
Part No.	Description
Qty	
3	#727 M-Style® Male Steel Plugs
1	#728 M-Style® Female Steel Plug
1	#99705 M-Style® Female Button Safety Coupler

**1/4"
NPT**
s-220


s-220

16-pc Compressor Accessory Starter Kit

- Complete starter kit of Milton® accessories needed for a multitude of compressed air functions
- Applications: Inflating and checking tire pressure, inflating sports equipment, blowing debris, mending and connecting hoses, quick connection of air tools
- Ideal for "Do-it-Yourself", small repair shop, mobile repair & maintenance



s-220		
Part No.	Description	Size
Qty		
1	#148 Safety Blo Gun w/ Rubber & Venturi Tips	1/4" NPT
1	#600 Brass Male Hose End	1/4"NPT Barb x 1/4" Thread
1	#640 Brass Male Hose Mender	
1	#643 Brass Female Hex Coupling	1/4" NPT x 1/4" NPT
1	#646 Brass Male Hex Nipple	
1	#699 Female Single Head Air Chuck	
2	#715 M-Style® Female Brass Couplers	1/4" NPT
3	#727 M-Style® Male Steel Plugs	
2	#728 M-Style® Female Steel Plugs	
1	#921 Tire Pressure Gage	5-50 PSI (40-350 kPa)
1	#P148-1 Inflator Needle	1/8" NPS
1	#P148-2 Inflator Needle Adapter	

**1/4"
NPT**
s-221


s-221

**5-pc M-Style® Coupler/Plug Kit
w/ 3-in-1 Manifold**

- Max inlet pressure: 300 PSI
- Air flow: 40 SCFM



s-221	
Part No.	Description
Qty	
1	#685-4 3-in-1 Air Manifold - (1)1/4" inlet, (3) 1/4" outlets
3	#716 M-Style® Male Brass Couplers
1	#727 M-Style® Male Steel Plug

**1/4"
NPT**
WARNING: FOR USE WITH COMPRESSED SHOP AIR ONLY. NOT FOR BREATHABLE AIR USE

REDUCER KITS

- Reducer kits have been assembled to provide an easy and convenient method of reducing compressor outlets to smaller hose or pipe sizes
- Matching couplers and plugs are included for the reduced connection sizes
- Kits have multiple applications for customers engaged in auto body repair, automotive services, agriculture, heavy duty fleets, roofing, construction, woodworking, and metal fabricators, to name a few



s-222



s-222

5-pc M-Style® Coupler/Plug Kit w/ 3/4" to 1/4" Reducer

- Max inlet pressure: 300 PSI
- Air flow: 40 SCFM

Part No.	s-222
Qty	Description
1	#652-1 Reducer Bushing 3/4" to 1/4"
1	#715 M-Style® Female Brass Coupler
1	#716 M-Style® Male Brass Coupler
1	#727 M-Style® Male Steel Plug
1	#728 M-Style® Female Steel Plug

1/4" NPT

NYLON RE-KOIL AIR HOSE KITS

s-225 • s-230



s-225



s-230

4-pc Re-Koil Hose Safety Blo-Gun Kit

Part No.	s-225
Qty	Description
1	#148 Safety Blo-Gun w/ Rubber & Venturi Tips
1	#715 M-Style® Female Brass Coupler
1	#727 M-Style® Male Steel Plug
1	#1669 1/4" x 25' Re-Koil Air Hose



4-pc Truck Air Seat Blo-Gun Kit

Part No.	s-230
Qty	Description
1	#148 Safety Blo-Gun w/ Rubber & Venturi Tips
1	#643 1/4" x 1/4" NPT Hex Coupling
1	#2204-2 Male 1/4" x 1/4" Swivel Branch Tee Fitting
1	#1667 1/4" x 12' Re-Koil Air Hose

AIR TOOL KIT ACCESSORY KITS

s-325HKIT



s-325HKIT

25-pc Pro Recoil Air Hose Kit

- Comes with storage case
- Max inlet pressure: 300 PSI
- Air flow: 40 SCFM



Part No.	s-325HKIT
Qty	Description
1	#148 Safety Blo-Gun w/ Rubber & Venturi Tips
1	#921 Tire Pressure Gage (5-50 PSI)
1	#690 Dual Head Air Chuck w/ 12" Extension
2	#643 1/4" x 1/4" NPT Hex Couplings
2	#646 1/4" x 3/8" NPT Male Hex Nipples
1	Blo-Gun Safety/Adapter Tip
1	s-168RUB Blo Gun Rubber Tip
1	Blo-Gun Tapered Tip
1	Tire Inflator Tip/Blo Nozzle
2	##P148-2 Sport Inflation Needles
6	#727 1/4" NPT M-Style® Male Steel Plugs
2	#728 1/4" NPT M-Style® Female Steel Plugs
1	#715 1/4" NPT M-Style® Female Brass Coupler
1	Pipe Thread Tape
1	#699 Female Single Head Air Chuck
1	#1669 1/4" x 25' Nylon Re-Koil Air Hose

WARNING: FOR USE WITH COMPRESSED SHOP AIR ONLY. NOT FOR BREATHABLE AIR USE

HIGHFLOWPRO®

UP TO 75% MORE FLOW

AIR COUPLERS & PLUGS
700/1700/1800 SERIES

DRIVEWAY SIGNALS
800 SERIES

PRESSURE GAGES
900 SERIES

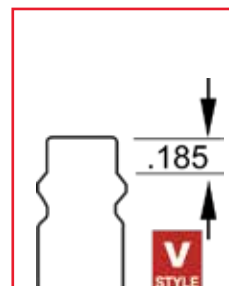
F-R-Ls
1000/1100 SERIES

TEST EQUIPMENT
1200 SERIES

V-STYLE HIGH FLOW/EUROPEAN INTERCHANGE

V-Style specifically designed for high volume and HVLP (High Volume Low Pressure) applications

- Provides up to 75% MORE FLOW than standard couplers
- 6 ball bearing connection
- V-Style couplers are push-type for quicker connection
- Maximum inlet pressure: 300 PSI
- 1/4" basic flow size
- Maximum temperature: 250°F
- Air flow: 74 SCFM
- Seals: Buna-N



764 • 765 • 766 • 767



V-Style HIGHFLOWPRO® Hi-Flow Couplers

Boxed Part No.	Retail Part No.	Per Card	NPT (in)	Connection	Product Specs		
					Body	Sleeve	Feature
764	s-764	1	1/4"	Female	Brass	Brass	Push-Type
765	s-765	1		Male			
766	s-766	1	3/8"	Female			
767	s-767	1		Male			

NOTE: V-Style couplers will accept M-Style® and A-Style plugs, however to retain maximum flow use V-Style plugs

760 • 761 • 762 • 763



V-Style HIGHFLOWPRO® Hi-Flow Plugs - Brass

Boxed Part No.	Retail Part No.	Per Card	NPT (in)	Product Specs	
				Connection	Material
760	s-760	2	1/4"	Male	Solid Brass
761	s-761	2		Female	
762	s-762	2	3/8"	Male	
763	s-763	2		Female	

NOTE: The use of brass plugs with air tools will cause damage and premature wear on the couplers and plugs

**760-1 • 761-1
762-1 • 763-1**



V-Style HIGHFLOWPRO® Hi-Flow Plugs - Steel

Boxed Part No.	Retail Part No.	Per Card	NPT (in)	Product Specs	
				Connection	Material
760-1	s-760-1	2	1/4"	Male	Case Hardened Steel
761-1	s-761-1	2		Female	
762-1	s-762-1	2	3/8"	Male	
763-1	s-763-1	2		Female	

NOTE: Steel plugs are highly recommended for use with any type of percussion tool such as impact tools, grinders, polishers, drills, etc.

WARNING: FOR USE WITH COMPRESSED SHOP AIR ONLY. NOT FOR BREATHABLE AIR USE

HIGHFLOWPRO®

UP TO 75% MORE FLOW

s-216



s-216

**2-pc V-Style HIGHFLOWPRO®
Hi-Flow Coupler/Plug Kit**

- Max inlet pressure: 300 PSI
- Air flow: 74 SCFM

Part No.	s-216
Qty	Description
1	#760-1 Male Hi-Flow Steel Plug
1	#764 Female Hi-Flow Brass Coupler



s-217



s-217

**6-pc V-Style HIGHFLOWPRO®
Hi-Flow Coupler/Plug Kit**

- Max inlet pressure: 300 PSI
- Air flow: 74 SCFM

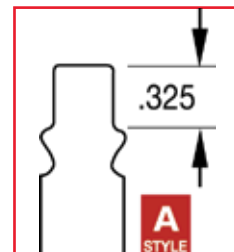
Part No.	s-217
Qty	Description
2	#760-1 Male Hi-Flow Steel Plugs
2	#761-1 Female Hi-Flow Steel Plugs
2	#764 Female Hi-Flow Brass Couplers



A-STYLE ARO "210" INTERCHANGE

- 1/4" basic flow size
- 2 locking rod connection
- A-Style couplers are push type for quicker connection
- A-Style couplers are steel, plated to resist rust
- A-Style plugs are case hardened steel, plated to resist rust

- Maximum inlet pressure: 300 PSI
- Maximum temperature: 250°F
- Air flow: 34 SCFM
- Seals: Buna-N



775 • 776 • 776-4 • 776-6



775

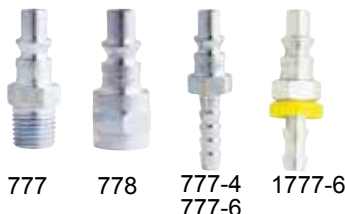
776

776-4
776-6

A-Style Couplers

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	NPT (in)	Connection	Body	Sleeve	Feature
775	775BK	s-775	1	1/4"	Female	Case Hardened Plated Steel	Case Hardened Plated Steel	Push-Type
776	776BK	s-776	1		Male			
776-4					1/4" ID Hose Barb			
776-6					3/8" ID Hose Barb			

**777 • 777-4 • 777-6
778 • 1777-6**



777

778

777-4
777-6

1777-6

A-Style Plugs

SEE PG. 54 FOR PUSH-ON & LOCK HOSE

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	NPT (in)	Connection	Feature
777	777BK	s-777	2	1/4"	Male	Case Hardened Plated Steel
778	778BK	s-778	2		Female	
777-4	777-4BK				1/4" ID Hose Barb	
777-6					3/8" ID Hose Barb	
1777-6					3/8" ID Push-on & Lock Hose Barb	

s-213 • s-772 • s-775-4



s-213

A-Style 1/4" Coupler/Plug Kits

Kit Part No.	Kit includes (qty):		
	#775	#777	#778
s-213	1	3	1
s-772	1	1	
s-775-4	4		



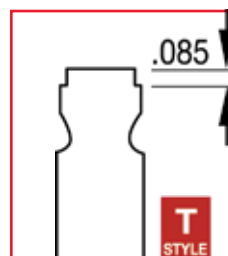
s-772

WARNING: FOR USE WITH COMPRESSED SHOP AIR ONLY. NOT FOR BREATHABLE AIR USE

T-STYLE TRU-FLATE/PARKER INTERCHANGE

- 1/4" basic flow size
- 3 ball bearing connection
- T-Style plugs are case hardened steel, plated to resist rust

- Maximum inlet pressure: 300 PSI
- Maximum temperature: 250°F
- Air flow: 40 SCFM
- Seals: Buna-N



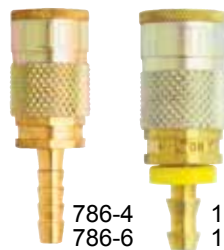
785 • 786 • 786-4
 786-6 • 787 • 788 • 789
 1786-4 • 1786-6



785
788

786
789

787



786-4
786-6

1786-4
1786-6

T-Style Couplers

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	Product Specs			
				NPT (in)	Connection	Body	Sleeve
785	785BK	s-785	1	1/4"	Female	Solid Brass	
786	786BK	s-786	1		Male		
787	787BK				Female		Oversized Sleeve Ring
788				3/8"			
789					Male		
786-4					1/4" ID Hose Barb		
786-6					3/8" ID Hose Barb		
1786-4					1/4" ID Push-on & Lock Hose Barb		
1786-6				3/8" ID Push-on & Lock Hose Barb			

Boxed Part No.	Description
768	Milton® Synthetic Replacement Washers*

*(Fits all T-Style Couplers except ColorFit® Couplers)

SEE PG. 54 FOR PUSH-ON & LOCK HOSE

779 • 783 • 784 • 1783-6



779

783

784

1783-6

T-Style Plugs

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	NPT (in)	Product Specs Connection	Material
783	783BK	s-783	2	1/4"	Male	Case Hardened Plated Steel
784	784BK	s-784	2		Female	
779						
1783-6				.305-.32 Size	3/8" ID Push-on & Lock Hose Barb	

s-215 • s-782



s-215

T-Style 1/4" Coupler/Plug Kits

Kit Part No.	Kit includes (qty):		
	#785	#783	#784
s-215	1	3	1
s-782	1	1	



s-782

WARNING: FOR USE WITH COMPRESSED SHOP AIR ONLY. NOT FOR BREATHABLE AIR USE

ColorFit®

Color Connect System

Clearly distinguish air lines with color

- Easily match plugs to couplers
 - Durable steel sleeve design* outlasts the competition
 - Proprietary hard anodizing lasts longer
- *Patent pending



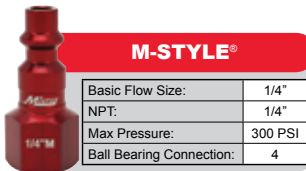
AIR COUPLERS & PLUGS
700/1700/1800 SERIES

DRIVEWAY SIGNALS
800 SERIES

PRESSURE GAGES
900 SERIES

F-R-Ls
1000/1100 SERIES

TEST EQUIPMENT
1200 SERIES



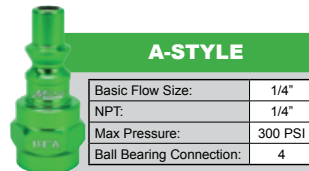
M-STYLE®

Basic Flow Size:	1/4"
NPT:	1/4"
Max Pressure:	300 PSI
Ball Bearing Connection:	4



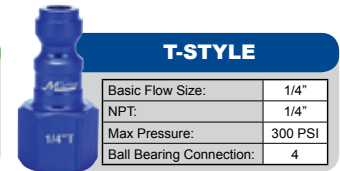
V-STYLE

Basic Flow Size:	1/4"
NPT:	1/4"
Max Pressure:	300 PSI
Ball Bearing Connection:	6



A-STYLE

Basic Flow Size:	1/4"
NPT:	1/4"
Max Pressure:	300 PSI
Ball Bearing Connection:	4



T-STYLE

Basic Flow Size:	1/4"
NPT:	1/4"
Max Pressure:	300 PSI
Ball Bearing Connection:	4

ColorFit® Coupler & Plug Kits

Part No.	Description	Kit Contents			
		Male Coupler	Female Coupler	Male Plug	Female Plug
s-303MKIT	3 pc. Milton® ColorFit® M-Style® Coupler & Plugs Kit		1	1	1
s-305MKIT	5 pc. Milton® ColorFit® M-Style® Couplers & Plugs Kit		1	3	1
s-307MKIT	7 pc. Milton® ColorFit® M-Style® Couplers & Plugs Kit	1	1	3	2
s-314MKIT	14 pc. Milton® ColorFit® M-Style® Couplers & Plugs Kit	2	2	6	4
s-303VKIT	3 pc. Milton® ColorFit® HighFlowPRO® Hi-Flow V-Style Couplers & Plugs Kit		1	1	1
s-314VKIT	14 pc. Milton® ColorFit® HighFlowPRO® Hi-Flow V-Style Couplers & Plugs Kit	2	2	6	4
s-314AKIT	14 pc. Milton® ColorFit® A-Style Couplers & Plugs Kit	2	2	6	4
s-307TKIT	7 pc. Milton® ColorFit® T-Style Couplers & Plugs Kit	1	1	3	2
s-314TKIT	14 pc. Milton® ColorFit® T-Style Couplers & Plugs Kit	2	2	6	4



3 PC Kit



7 PC Kit



14 PC Kit

ColorFit® Bulk Couplers & Plugs

	Part No.	Description	Kit Contents			
			Male Coupler	Female Coupler	Male Plug	Female Plug
M-STYLE®	715MC	10 pc. Milton® ColorFit® M-Style® Bulk Female Couplers		10		
	716MC	10 pc. Milton® ColorFit® M-Style® Bulk Male Couplers	10			
	727MC-20	20 pc. Milton® ColorFit® M-Style® Bulk Male Plugs			20	
	728MC-20	20 pc. Milton® ColorFit® M-Style® Bulk Female Plugs				20
V-STYLE	764VC	10 pc. Milton® ColorFit® HighFlowPRO® V-Style Bulk Female Couplers		10		
	765VC	10 pc. Milton® ColorFit® HighFlowPRO® V-Style Bulk Male Couplers	10			
	760VC-20	20 pc. Milton® ColorFit® HighFlowPRO® V-Style Bulk Male Plugs			20	
	761VC-20	20 pc. Milton® ColorFit® HighFlowPRO® V-Style Bulk Female Plugs				20
A-STYLE	775AC	10 pc. Milton® ColorFit® A-Style Bulk Female Couplers		10		
	776AC	10 pc. Milton® ColorFit® A-Style Bulk Male Couplers	10			
	777AC-20	20 pc. Milton® ColorFit® A-Style Bulk Male Plugs			20	
	778AC-20	20 pc. Milton® ColorFit® A-Style Bulk Female Plugs				20
T-STYLE	785TC	10 pc. Milton® ColorFit® T-Style Bulk Female Couplers		10		
	786TC	10 pc. Milton® ColorFit® T-Style Bulk Male Couplers	10			
	783TC-20	20 pc. Milton® ColorFit® T-Style Bulk Male Plugs			20	
	784TC-20	20 pc. Milton® ColorFit® T-Style Bulk Female Plugs				20



764VC



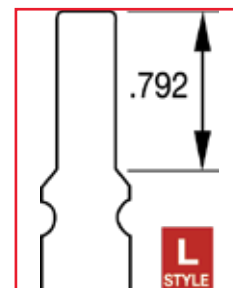
728MC-20

WARNING: FOR USE WITH COMPRESSED SHOP AIR ONLY. NOT FOR BREATHABLE AIR USE

L-STYLE LINCOLN INTERCHANGE

- 1/4" basic flow size
- 3 ball bearing connection
- L-Style couplers are push type for quicker connection
- L-Style couplers are steel, plated to resist rust
- L-Style plugs are case hardened steel, plated to resist rust

- Maximum inlet pressure: 300 PSI
- Maximum temperature: 250°F
- Air flow: 32 SCFM
- Seals: Buna-N



790 • 794



L-Style Couplers

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	NPT (in)	Product Specs	Body	Sleeve Release
790	790BK	s-790	1	1/4"	Female	Plated Steel	Push-Type
794		s-794	1		Male		

791 • 792



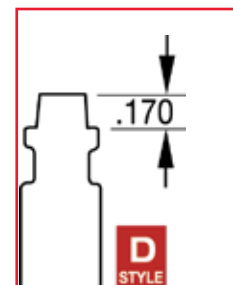
L-Style Plugs

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	NPT (in)	Product Specs	Material
791	791BK	s-791	2	1/4"	Male	Case Hardened Plated Steel
792	792BK	s-792	2		Female	

D-STYLE DIAMOND-U INTERCHANGE

- 1/4" basic flow size
- 3 ball bearing connection
- D-Style couplers are steel, plated to resist rust
- D-Style plugs are case hardened steel, plated to resist rust

- Maximum inlet pressure: 300 PSI
- Maximum temperature: 250°F
- Air flow: 34 SCFM
- Seals: Buna-N



795 • 796



D-Style Couplers

Boxed Part No.	NPT (in)	Product Specs	Body
795	1/4"	Female	Plated Steel
796		Male	

797 • 798



D-Style Plugs

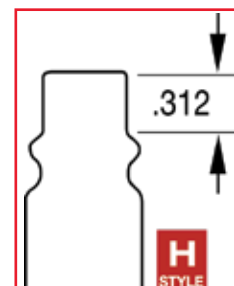
Boxed Part No.	NPT (in)	Product Specs	Body
797	1/4"	Male	Case Hardened Plated Steel
798		Female	

WARNING: FOR USE WITH COMPRESSED SHOP AIR ONLY. NOT FOR BREATHABLE AIR USE

H-STYLE INDUSTRIAL INTERCHANGE

- 3/8" basic flow size
- 6 ball bearing connection
- H-Style couplers are steel, plated to resist rust
- H-Style plugs are case hardened steel, plated to resist rust
- Also known as "3/8" flow M-Style®

- Maximum inlet pressure: 300 PSI
- Maximum temperature: 250°F
- Air flow: 67 SCFM
- Seals: Buna-N



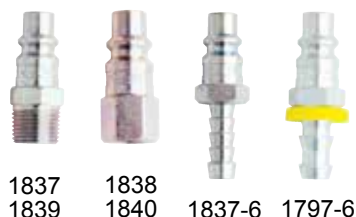
**1796-6 • 1833 • 1834
1835 • 1836 • 1836-6**



H-Style Couplers

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	NPT (in)	Product Specs Connection	Body
1833	1833BK	s-1833	1	1/4"	Female	Plated Steel
1834	1834BK	s-1834	1		Male	
1835	1835BK	s-1835	1	3/8"	Female	
1836	1836BK	s-1836	1		Male	
1836-6					3/8" ID Hose Barb	
1796-6	1796-6BK				3/8" ID Push-on & Lock Hose Barb	

**1797-6 • 1837 • 1837-6
1838 • 1839 • 1840**



H-Style Plugs

SEE PG. 54 FOR PUSH-ON & LOCK HOSE

Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	NPT (in)	Product Specs Connection	Material
1839	1839BK	s-1839	2	1/4"	Male	Case Hardened Plated Steel
1840	1840BK	s-1840	2		Female	
1837	1837BK	s-1837	2	3/8"	Male	
1838	1838BK	s-1838	2		Female	
1837-6	1837-6BK				3/8" ID Hose Barb	
1797-6					3/8" ID Push-on & Lock Hose Barb	

s-223 • s-1835-4



H-Style 3/8" Coupler/Plug Kits

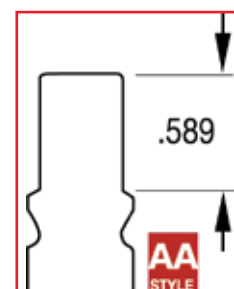
Kit Part No.	Kit includes (qty):				
	#1835	#1836	#1837	#1838	#652-4
s-223	1	1	1	1	1
s-1835-4	4				



AA-STYLE ARO "310" INTERCHANGE

- 3/8" basic flow size
- AA-Style couplers are push type
- AA-Style coupler bodies are heavy duty steel
- AA-Style plugs are case hardened steel, plated to resist rust

- Maximum inlet pressure: 300 PSI
- Maximum temperature: 250°F
- Air flow: 59 SCFM
- Seals: Buna-N



1875



AA-Style Couplers

Boxed Part No.	NPT (in)	Product Specs Connection	Body	Feature
1875	3/8"	Female	Heavy Duty Steel	Push Type

1877 • 1878



AA-Style Plugs

Boxed Part No.	NPT (in)	Product Specs Connection	Body
1877	3/8"	Male	Case Hardened
1878		Female	Plated Steel



WARNING: FOR USE WITH COMPRESSED SHOP AIR ONLY. NOT FOR BREATHABLE AIR USE

AIR COUPLERS/PLUGS CROSS REFERENCE

With the Milton® "Match-up system" all couplers and plugs with same letter code (on face of skin-card) can be used together regardless of thread sizes. Milton® M-Style® "KWIK-CHANGE®" couplers and plugs will INTERCHANGE with all manufacturers who comply with the dimensional requirements of military specification MIL-C-4109

MILTON®	AMFLO	ARO	CAMEL	COIL HOSE	DIXON 1	DIXON 2	HANSEN	NAPA	PARKER	TRU-FLATE	MILTON®
M-STYLE®			INDUSTRIAL			1/4" BASIC FLOW SIZE			PAGE 62 & 65		
715	C20B	MSCF22-000	61-573	150	DC20B	2FF2-B	1000	90-670	B23	13-235	715
715ST	C20			150S	DC20	2FF2					715ST
716	C21B	MSCM22-000	61-574	152	DC21B	2FM2-B	1100	90-672	B22	13-224	716
716ST	C21			152S	DC21	2FM2					716ST
717	C20-42	MSCH22-000	61-575	153	DC2042	2DS2	1600	90-671	B20-3B	13-264	717
717-6	C20-44	MSCH23-000	61-720	156	DC2044	2DS3	1700		B20-5B	13-266	717-6
718	C20-23	MSCF23-000	61-718	151	DC2023	2DF3	1200	90-667	B23E	13-236	718
719	C21-03	MSCM23-000	61-716	155	DC2103	2DF4	1300	90-657	B22E	13-226	719
726	CP21-01	23902-110		1504	DC2101	D2M1	12	90-675	H0C		726
727	CP21	23902-210	61-578	1501	DCP21	D2M2	10	90-674	H2C	12-224/12-225	727
728	CP20	23902-200	61-579	1502	DCP20	D2F2	11	90-676	H3C	12-234/12-235	728
729	CP20-21	23902-100		1509	DCP2021	D2F1	13	90-665	H1C		729
732	CP20-23	23902-300		1505	DCP2023	D2F3	15	90-659	H3C-E	12-236	732
733	CP21-03	23902-310	61-535	1503	DCP2103	D2M3	14	90-677	H2C-E	12-226	733
736	CP21-42	23902-220	61-576	1506	DCP2142	D2S2	16	90-673	H8C	12-264	736
736-6	CP21-44	23902-420		1508	DCP2144	D2S3	17		H9C	12-266	736-6
755	C40B	MSCF22-X00	61-013		DCB20			90-615	B33	13-755	755
756	C41B	MSCM22-X00	61-011		DCB21			90-617	B32	13-756	756
1717-4	C20-42L	MSCP22-000		153L	DC20-42L		1600P		B20-3BP		1717-4
1717-6	C20-44L	MSCP23-000		156L	DC20-44L		1700P		B20-5BP		1717-6
1736-4	CP21-42L	23902-227		1506L	DCP21-42L		16P		H8CP		1736-4
1736-6	CP21-44L	23902-228		1508L	DCP21-44L		17P		H9CP		1736-6
V-STYLE			HIGH FLOW/EUROPEAN			1/4" BASIC FLOW SIZE			PAGE 62 & 68		
760						CJ2M2-B			RF-254-4MP		760
760-1	CP91			1101		CJ2M2-LG			RF-254-4MP		760-1
761						CJ2F2-B			RF-254-4FP		761
761-1	CP90			1102		CJ2F2-LG			RF-254-4FP		761-1
762						CJ2M3-B			RF-254-6MP		762
762-1				1103		CJ2M3-LG			RF-254-6MP		762-1
763						CJ2F3-B			RF-254-6FP		763
763-1				1105		CJ2F3-LG			RF-254-6FP		763-1
764	C90			110		2CJF2-B			RF-251-4FP		764
765	C91			112		2CJM2-B			RF-251-4MP		765
766				111		2CJF3-B			RF-251-6FP		766
767						2CJM3-B			RF-251-6MP		767
A-STYLE			ARO 210			1/4" BASIC FLOW SIZE			PAGE 69		
775	C38, C46	210	61-518, 61-526	140,140S	DC38	2MF2-B	20AS-25F	90-613	B53	13-334/13-335	775
776	C37, C45	210-212	61-527, 61-581	142,142S	DC37	2MM2-B			B50	13-324/13-325	776
776-4	C38-42	210-022		143	DC3842	2MS2-B	20AS-25H	90-679	B50-3BP		776-4
776-6	C38-44	210-215			DC3844	2MS3-B	20AS-37H		B50-5BP		776-6
777	CP37	2608	61-528	1401	DCP37	2MF2	20AP-25M	90-618	A2C	12-324/12-325	777
777-4	CP37-42	3946		1406	DCP3742	M2S2	20AP-25H		A8C		777-4
777-6	CP37-44	22238		1408	DCP3744	M2S3					777-6
778	CP38	2609	61-529	1402	DCP38	M2F2	20AP-25F	90-620	A3C	13-334/12-335	778
1777-6	CP37-44L										1777-6
T-STYLE			TRU-FLATE/PARKER			1/4" BASIC FLOW SIZE			PAGE 63 & 70		
783	CP1	TFPM22-000	61-538	1601	DCP1	J2M2	21AP-25M	90-628	2C	12-124/12-125	783
783-4	CP1-42	TFPH22-000		1606	DCP142	J2S2	21AP-25H	90-630	8C	12-117	783-4
784	CP2	TFPF22-000	61-539	1602	DCP2	J2F2	21AP-25F	90-600	3C	12-134/12-135	784
785	C2B	TFCF22-000	61-523	160	DC2	2JF2-B	B21QS-25F	90-610	B13	13-134/13-135	785
785ST	C2			160S							785ST
786	C1B	TFCM22-000	61-524	162	DC1	2JM2-B	B21QS-25M	90-607	B12	13-124/13-125	786
786ST	C1			162S							786ST
786-4	C2-42	TFCH22-000		163	DC242	2JS2-B	B21QS-25H	90-611	B10-3B	13-164	786-4
786-6	C2-44	TFCH23-000		166	DC244	2JS3-B	B21QS-37H	90-609	B10-5B		786-6

AIR COUPLERS/PLUGS CROSS REFERENCE

AIR COUPLERS & PLUGS
700/1700/1800 SERIESDRIVEWAY SIGNALS
800 SERIESPRESSURE GAGES
900 SERIESF-R-Ls
1000/1100 SERIESTEST EQUIPMENT
1200 SERIES

MILTON®	AMFLO	ARO	CAMEL	COIL HOSE	DIXON 1	DIXON 2	HANSEN	NAPA	PARKER	TRU-FLATE	MILTON®
T-STYLE (cont)			TRU-FLATE/PARKER			1/4" BASIC FLOW SIZE				PAGE 63 & 70	
787	C2R		61-487, 61-545							13-136/13-137	787
788	C2-32	TFCF23-000	61-704	161		2JF3-B				13-138	788
789	C1-03	TFCM23-000		165	DC103	2JM3-B					789
1783-6	CP1-44L	TFPP23-000		1608L		J2B3	N/A		9CP		1783-6
1786-4	C2-42L	TFCH22-000		163L		2JB2-B	B21QS-25HP		B10-3BP		1786-4
1786-6	C2-44L	TFCH23-000		166L		2JB3-B	B21QS-37HP		B10-5BP		1786-6
L-STYLE			LINCOLN			1/4" BASIC FLOW SIZE				PAGE 72	
790	C28	LNCF22-000	61-548	170	DC28	2LF2-B	N/A	90-644	B73	13-434/13-435	790
791	CP27	LNPM22-000	61-550	1701	DCP27	L2M2	N/A	90-648	L2C	12-424/12-425	791
792	CP28	LNPF22-000	61-551	1702	DCP28	L2F2	N/A	90-650	L3C	12-434/12-435	792
794	C27	LNCM22-000	61-486	172	DC27	2LM2-B	N/A	90-645	B72	13-424/13-425	794
P-STYLE			TRU-FLATE/PARKER			3/8" BASIC FLOW SIZE				PAGE 63	
1746-6	C6-44L	TFPC23-000		598L		3JB2	32QS-37HP		14-5BP		1746-6
1747-6	CP5-44L	TFPP23-000		5906L		J3B3	N/A		5EP		1747-6
1803	C8	TFCF32-000	61-476	592	DC8	3JF2	32QS-25F	90-686	15C	13-610/13-611	1803
1804	C7	TFCM32-000	61-478	593	DC7	3JM2		90-684		13-602	1804
1805	C6	TFCF33-000	61-553	590	DC6	3JF3	32QS-37F	60-654	15	13-612/13-613	1805
1806	C5	TFCM33-000	61-554	591	DC5	3JM3	32QS-37M	90-656	14	13-604	1806
1806-6	C6-44	TFCH33-000		598	DC644	3JS3	32QS-37H	90-521	14-5B	13-666	1806-6
1807	CP5	TFPM33-000	61-558	5901	DCP5	J3M3	31AP-37M	90-658	2E	12-604/12-605	1807
1807-6	CP5-44	TFPH33-000		5906	DCP544	J3S3	31AP-37H	90-530	5E		1807-6
1808	CP6	TFPF33-000	61-559	5902	DCP6	J3F3	31AP-37F	90-660	3E	12-612	1808
1809	CP7	TFPM32-000	61-480	5903	DCP7	J3M2	31AP-25M	90-685	0E	12-602/12-603	1809
1810	CP8	TFPF32-000	61-481	5904	DCP8	J3F2	31AP-25F	90-687	1E	12-610	1810
H-STYLE			INDUSTRIAL			3/8" BASIC FLOW SIZE				PAGE 73	
1796-6	C26-44L	MSCP33-000		586L		3FB3			24-5BP		1796-6
1797-6	CP25-44L	23903-28		5806L		D3B3			H5EP		1797-6
1833	C26-22	MSCM32-000		582	DC2622	3FF2	400	90-629	25C		1833
1834	C25-02			583		3FM2		90-625			1834
1835	C26	NSCF33-000	61-482	580	DC26	3FF3	420	90-680	25	13-536/13-537	1835
1836	C25-02	MSCM33-000	61-483	581	DC25	3DF3	430	90-682	24	13-526/13-527	1836
1836-6	C26-44L	MSCH33-000		586	DC2644	3FS3	4006	90-635	24-6B		1836-6
1837	CP25	23903-310	61-484	5801	DCP25	D3M3	42	90-683	H2E	12-526/12-527	1837
1837-6	CP25-44	23903-420		5806	DCP2544	D3S3	406	90-651	H5EP		1837-6
1838	CP26	23903-300	61-485	5802	DCP26	D3F3	43	90-681	H3E	12-536/12-537	1838
1839	CP25-02	23903-210		5803	DCP2502	D3M2	40	90-605	H0E	12-525	1839
1840	CP26-22	23903-200		5804	DCP2622	D3F2	41	90-606	H1E	12-535	1840
AA-STYLE			ARO 310			3/8" BASIC FLOW SIZE				PAGE 73	
1875	C36	310			DC36	3MF3-PL					1875
1877	CP35	3804			DCP35	M3M3					1877
1878	CP36	3806			DCP36	M3F3					1878
G-STYLE			TRU-FLATE/PARKER			1/2" BASIC FLOW SIZE				PAGE 64	
1813	C10-23	TFCF43-000	61-472	123	DC1023	4DF3	500	90-690	17E	13-710	1813
1814	C9-03	TFCM43-000		121	DC903	4DM3	510	90-688	16E	13-702	1814
1815	C10-23	TFCF44-000	61-563	120	DC10	4DF4	520	90-662	B37	13-712/13-713	1815
1816	C9-03	TFCM44-000	61-564	122	DC9	4DM4	530	90-664	B36	13-704	1816
1817	CP9	TFPM44-000	61-568		DCP9		54	90-666	2F	12-704/12-705	1817
1818	CP10	TFPF44-000	61-569		DCP10		55	90-668	3F	12-712	1818
1819	CP9-03	TFPM43-000	61-474		DCP903		52	90-689	0F	12-702	1819
1820	CP10-23	TFPF43-000	61-475		DCP1023		53	90-691	1F	12-710	1820
G-STYLE			INDUSTRIAL			1/2" BASIC FLOW SIZE				PAGE 64	
1857	CP17	23904-410	61-134	1201	DCP17	D4M4	54	90578	H2F	12-752	1857
1858	CP18	23904-400	61-137	1202	DCP18	D4F4	55	90588	H3F	12-762	1858
1859	CP17-03	23904-310	61-133	1203	DCP1703	D4M3	52	90-575	H0F		1859
1860	CP18-23	23904-3	61-136	1204	DCP1823	D4F3	53	90-587	H1F		1860

STRAIGHT THRU PRESSURE WASHER COUPLERS & PLUGS**Application: high pressure washers & industrial carpet cleaning**

- **Warning:** Straight thru couplers are not to be used in hydraulic applications
- Straight thru couplers are brass with stainless steel balls and spring
- 1/4" couplers - 6 ball bearing connection
- 3/8" couplers - 8 ball bearing connection
- Straight thru plugs are case hardened steel, plated to resist rust
- Compatible with other major manufacturers of straight thru couplers

**1761 • 1762**

1761

1762

Straight Thru Couplers

Boxed Part No.	Bulk Part No.	NPT (in)	Product Specs Connection	Body	Maximum Air Pressure
1761	1761BK	1/4"	Female	Solid Brass, Stainless Steel Balls and Spring	5200 PSI
1762			Male		

1763 • 1764 • 1767 • 1768

1763

1764

1767

1768

Straight Thru Plugs

Boxed Part No.	Bulk Part No.	NPT (in)	Product Specs Connection	Body	Maximum Air Pressure
1763		1/4"	Male	Case Hardened Plated Steel	5200 PSI
1764	1764BK		Female		
1767	1767BK	3/8"	Male		2700 PSI
1768			Female		

PUSH BUTTON SAFETY COUPLERS

- 1/4" basic flow size
- Push button design - press once to stop airflow, press again to release plug from coupler
- Max air flow: 36 SCFM
- Easy to identify style with color coded push buttons

s-99705 • s-99706s-99705
s-99706**M-Style® Safety Couplers**

Retail Part No.	Per Card	NPT (in)	Product Specs Connection	Body
s-99705	1	1/4"	Female	Impact Resistant Composite
s-99706	1		Male	

s-99773 • s-99774s-99773
s-99774**A-Style Safety Couplers**

Retail Part No.	Per Card	NPT (in)	Product Specs Connection	Body
s-99773	1	1/4"	Female	Impact Resistant Composite
s-99774	1		Male	

s-99787

s-99787

T-Style Safety Couplers

Retail Part No.	Per Card	NPT (in)	Product Specs Connection	Body
s-99787	1	1/4"	Female	Impact Resistant Composite

WARNING: FOR USE WITH COMPRESSED SHOP AIR ONLY. NOT FOR BREATHABLE AIR USE

TWIST-LOCK UNIVERSAL COUPLERS

- **Warning:** Twist lock couplers are not for steam or hydraulic applications
- Commonly used with jack hammer hoses
- Twist lock couplers are made from malleable iron
- Commonly referred to as "Crowfoot", "Claw" type or "Chicago" couplers
- Milton® twist lock couplers come complete with safety clip and lanyard
- Maximum working pressure: 150 PSI
- Maximum temperature: 160°F
- 1860 series Universal/Chicago style coupler 1/4" to 1" couplings can be used with each other. 1 1/4", 1 1/2" and 2" cannot be used with the smaller sizes
- Application: Construction, highway maintenance, mobile compressors, mining, agriculture

1862 • 1863 • 1864



1862
1862-6
1862-8



1862-10
1862-14



1863
1863-6
1863-8



1864
1864-6
1864-8



1864-10

Boxed Part No.	NPT (in)	Product Specs Connection	Body	Number of Claws
1862-6	1/2"	Hose Barb (Hose ID)	Malleable Iron	2
1862-8	3/4"			
1862	1"			
1862-10	1 1/4"			
1862-14	2"			
1863-6	1/2"	Male NPT	Malleable Iron	2
1863-8	3/4"			
1863	1"			
1864-6	1/2"	Female NPT	Malleable Iron	2
1864-8	3/4"			
1864	1"			
1864-10	1 1/4"			

SEE JACKHAMMER HOSE ON PG. 55

1865-1 • 1865-3 • 1865-4



1865-1



1865-3
1865-4

Replacement Parts

Boxed Part No.	For use with:	Description	Fits Sizes
1865-1	Twist Lock	Safety Clip	
1865-3	Universal	Rubber Replacement	1/4" to 1"
1865-4	Couplers	Grommet	1 1/4" to 2"

HYDRAULIC COUPLERS

3/8" High Flow Hydraulic Coupling (M42)

This 3/8" FNPT high flow coupling, with its threaded union locking system and precision check valves, is designed for extreme high-pressure applications, such as portable hydraulic jacks. Our couplings include a dust cap for protection against dust and debris when not in use and are ISO 14540 compliant

M42-06HFCFP
M42-06HFCMP
M42-06HFCSP

Part No.	Size NPT	Connection	Valve Type	Capacity (GPM)	Operating PSI	Dust Cap?
M42-06HFCFP	3/8"	Female	Poppet	9.25	10,000	YES
M42-06HFCMP		Male				
M42-06HFCSP		Complete Set (M & F)				



Flush Face Hydraulic Couplings (M43, M47, M48)

Flush face couplers are widely used in the public utility market where hydraulic oil spillage can be a serious safety hazard. These couplers are used for the quick change of hydraulic tools in a variety of industries. Our couplings include a dust cap for protection against dust and debris when not in use and are ISO 16028 compliant

M43-06FFCF
M43-06FFCM
M43-06FFCS

Part No.	Size NPT	Connection	Valve Type	Capacity (GPM)	Operating PSI	Dust Cap?
M43-06FFCF	3/8"	Female	Flush Face	5.9	5,000	YES
M43-06FFCM		Male				
M43-06FFCS		Complete Set (M & F)				



M47-12FFCF
M47-12FFCM
M47-12FFSF

Part No.	Size NPT	Connection	Valve Type	Capacity (GPM)	Operating PSI	Dust Cap?
M47-12FFCF	3/4"	Coupler	Flush Face	28.0	5,000	YES
M47-12FFCM		Plug				
M47-12FFSF		Complete Set (M & F)				



M48-08FFCF
M48-08FFCM
M48-08FFCS

Part No.	Size NPT	Connection	Valve Type	Capacity (GPM)	Operating PSI	Dust Cap?
M48-08FFCF	1/2"	Coupler	Flush Face	12.0	5,000	YES
M48-08FFCM		Plug				
M48-08FFCS		Complete Set (M & F)				



**M44-06SPCFP
M44-06SPCMP
M44-06SPCSP**



3/8" Speedy Hydraulic Coupling (M44)

These 3/8" FNPT quick-connect speedy couplers and plugs are suitable for medium-duty applications. They quickly allow the disconnection and reconnection of your equipment from our coupler, maximizing your efficiency in all aspects. Our speedy coupling would typically be used in a situation where the coupling needs to be changed out one or more times a week. This coupling is ISO 14540 compliant

Part No.	Size NPT	Connection	Valve Type	Capacity (GPM)	Operating PSI	Dust Cap?
M44-06SPCFP	3/8"	Female	Poppet	5.9	10,000	YES
M44-06SPCMP		Male				
M44-06SPCSP		Complete Set (M & F)				

**M45-04RFCFB
M45-04RFCMB
M45-04RFCSB**



1/4" Regular Flow Hydraulic Coupling (M45)

This 1/4" FNPT regular flow coupling is used for the quick disconnection and reconnection of hydraulic lines and comes with a ball valve providing a metal-to-metal seal between the ball and coined seat. This coupling is ISO 14540 compliant and is machined from solid steel barstock for durability

Part No.	Size NPT	Connection	Valve Type	Capacity (GPM)	Operating PSI	Dust Cap?
M45-04RFCFB	1/4"	Female	Ball	2.9	10,000	YES
M45-04RFCMB		Male				
M45-04RFCSB		Complete Set (M & F)				

**M46-04SOCFB
M46-04SOCMB
M46-04SOCB**



1/4" Spin-On Hydraulic Coupling (M46)

This 1/4" FNPT Spin-On hydraulic coupling is for use with torque wrenches and has a locking ball valve. Our couplings include a dust cap for protection against dust and debris when not in use. The interface seal on this coupling is polyurethane, which resists high pressure extrusion, and is ISO 14540 compliant

Part No.	Size NPT	Connection	Valve Type	Capacity (GPM)	Operating PSI	Dust Cap?
M46-04SOCFB	1/4"	Female	Ball	2.9	10,000	YES
M46-04SOCMB		Male				
M46-04SOCB		Complete Set (M & F)				

800 SERIES

DRIVEWAY SIGNALS & ACCESSORIES

805 KIT



805 KIT

DRIVEWAY SIGNAL KIT

- Kit comes complete with everything you will need to set up a driveway signal in your place of business
- Perfect for use at service stations, drive up windows at banks or restaurants, or any other applications where an attendant must be alerted
- Operates up to 300' of signal hose
- Driveway signal comes with 6' power cord length



Part No.	805 KIT
Qty	Description
1	#805 Driveway Signal Bell
1	#838 3/8" x 50' Rubber Hose End
1	#807 End Plug

802 • 805



802



805

DRIVEWAY SIGNALS

Completely self contained unit is easy to install and use; just plug into any 110 volt electric outlet. Offers instant signal every time, operating with up to 300 feet of signal hose. For use at service stations, bank or restaurant drive up windows, or any drive up application where an attendant needs to be alerted

Part No.	Description	Features
802	Driveway Signal Chime	• 6 1/4" Long x 3" High x 1 3/4" Deep • Power Cord Length: 6 ft.
805	Driveway Signal Bell	• 6" Diameter • Power Cord Length: 6 ft.



825 • 827



825



827

REMOTE CONTROL AIR SWITCH SIGNAL BELL-CHIME

Deluxe terminal box construction assures maximum sensitivity with long term performance. Weatherproof for use inside and outside. Easy connections with Barrier terminal strip and conduit openings for versatility in installation



Part No.	Description	Features
825	Remote Control Air Switch	• RC Air Switches are not Wireless • Use with any Voltage from 6V to 220V, 10 Amp Max • Conduit Type Box Construction for Wall or Conduit Mounting • Burn Out Proof Coil Assures Long Service
827	Remote Control Signal Bell	• 110V - Requires Air Switch #825 • Key Slot Opening in Back for Easy Installation • Tone is Clear and Melodious • Burn Out Proof Coil Assures Long Service

819 • 838 • 839 • 807



819



838
839

DRIVEWAY SIGNAL ACCESSORIES

Part No.	Description	Features
819	Hose Anchor	Holds Down Hose, or Bridge Between Two Lengths of Hose
838	Deluxe Driveway Signal Hose	3/8" ID X 50' SBR Rubber Hose
839	Deluxe Driveway Signal Hose	3/8" ID X 300' SBR Rubber Hose
807	Signal Bell Hose End Plug	Replacement Plug for End of Signal Hose

941

**Pencil-Style Brake Pad Gage**

- Easy-to-read color-coded scale
- Measures brake pad lining from 0 to 20mm in depth
- Suitable for internal and external brake pads
- Quick and easy to operate
- Durable aluminum construction
- Compact, light and portable

NEW

942



942

Manual Brake Pad Gage Metric/SAE Tool Set

- Easy-to-read color-coded blades with long measuring blade tips
- Metric & SAE stamped measurement callouts
- Works with both disc and drum brakes
- Anodized aluminum finish
- 8-piece tool set
- Compact and light with handle frame body design
- Compact, light and portable

NEW



976BLK • 986BLK

**Black Poly-Coated Service Gages**

- Excellent non-slip poly coated body provides exceptional grip
- 2-sides of nylon indicator bar in PSI, 2 sides in kPa
- 10-160 PSI (2 lb increments) / 80-1100 kPa (20 kPa increments)
- Calibrated in three ranges before leaving factory
- Hang loop included



NEW

Retail Part No.	Per Card	Chuck Style	Overall Length	Construction Coating
976BLK	1	Standard Dual Head	12 3/4"	Brass w/ Black Poly Coating
986BLK	1	Dual Head Straight Foot	13"	

PENCIL TYPE TIRE PRESSURE GAGES

- USA made consumer tire gages
- Strong, flexible, white NYLON INDICATOR BAR provides long, trouble-free life with the same certified accuracy associated with all Milton® tire gages
- Always check tire pressure when tires are cold



917 • 920 • 921 • 923
925 • 927 • 928 • 929

Nickel Plated Brass Pressure Gages



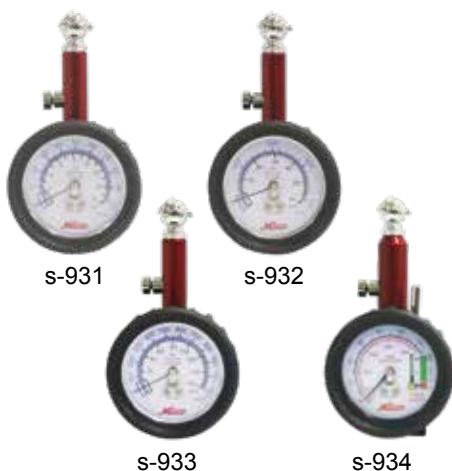
Bulk Part No.	Retail Part No.	Per Card	Pressure Range		Chuck Style	Feature/Applications
			PSI	Increments		
	s-917	1	2 to 20 (20 to 140)	1 PSI (10 kPa)	Single, Angled w/ Deflator Pin	Low Pressure ATVs, Golf Carts & Air Springs
	s-920	1	10 to 70 (60 to 500)	2 PSI (20 kPa)		Higher Pressure Automobiles Built-in Tire Tread Depth Gage
921BK	s-921	1	5 to 50 (40 to 350)	1 PSI (10 kPa)		Passenger Cars
925BK	s-925	1	2 to 120 (120 to 820)	2 PSI (20 kPa)	Single, Angled w/ Deflator Pin	Trucks, RVs & Bicycles
927BK	s-927	1	2 to 120 (120 to 820)		Dual Head	Trucks
	s-928	1	5 to 50 (40 to 350)	1 PSI (10 kPa)	Single, Angled w/ Deflator Pin	Cars & Air/Water Filled Tractors
929BK	s-929	1	2 to 120 (120 to 820)	2 PSI (20 kPa)	Dual Head, Straight Foot	Trucks

DIAL TYPE TIRE PRESSURE GAGES

s-931 • s-932
s-933 • s-934

Dial Type Tire Gages

- Internal diaphragm construction for greater durability
- 45° single chuck with deflator valve
- Deflator button holds measured pressure in gage until pressed to release
- Durable rubber boot
- Not for use with water filled tires



Retail Part No.	Per Card	PSI		kPa		Tire Tread Depth Gage
		Range	Increments	Range	Increments	
s-931	1	0 to 15	1 PSI	0 to 100	2 kPa	No
s-932	1	0 to 60	2 PSI	0 to 400	20 kPa	
s-933	1	0 to 160	1 PSI	0 to 1100	20 kPa	
s-934	1	0 to 120	2 PSI	0 to 800	20 kPa	YES

DIAL TYPE TIRE PRESSURE GAGES (cont)

s-935 • s-936



Extended Reach Dial Type Tire Gages

Internal diaphragm construction for greater durability

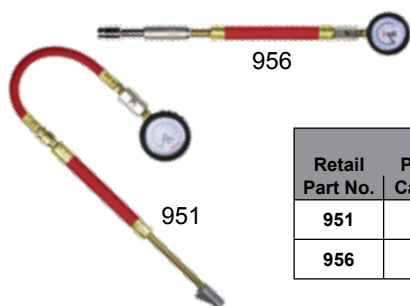
- 12" length extended reach hose
- Dual head chuck w/ deflator valve
- Durable rubber boot



s-936 ONLY

Retail Part No.	Per Card	PSI		kPa		Tire Tread Depth Gage
		Range	Increments	Range	Increments	
s-935	1	0 to 60	2 PSI	0 to 400	20 kPa	No
s-936	1	0 to 160	5 PSI	0 to 1100	20 kPa	

951 • 956



Heavy Duty Extended Reach Dial Type Tire Gages

9" extension with straight large bore chuck comes with cushioned grip

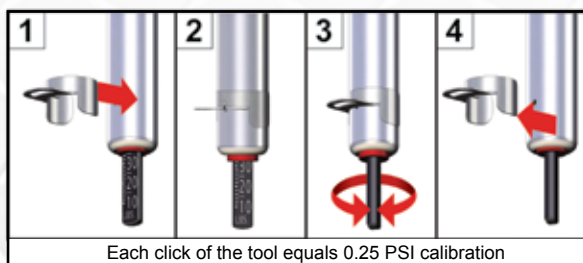
- Internal diaphragm construction for greater durability
- Durable rubber boot



Retail Part No.	Per Card	Chuck Type	Hose Length	Overall Extended Length	PSI		kPa	
					Range	Increments	Range	Increments
951	1	12" Dual Head, Straight Foot	10.5"	22.5"	0 to 160	5 PSI	0 to 1100	20 kPa
956	1	9" Straight Large Bore		14"				

SERVICE GAGES

s-986C • s-986CBNT



Each click of the tool equals 0.25 PSI calibration

Calibration Tool



(ring not included)

Three Pressure Ranges

10-160 PSI
0.8-11 Bar
80-110 kPa

Field Re-Calibratable Service Gages

Exclusive Quick Click™ system provides dial-in accuracy

- Provide accurate, long life, trouble-free performance
- Nickel plated brass tubular body and 2-sided aluminum indicator bars
- 2 sides of indicator bar in PSI, or kPa/Bar
- Calibrated in three ranges before leaving the factory
- Hang loop included
- s-986CBNT - 10° bend in neck for ease of access



U.S. & GLOBAL COMPONENTS

Retail Part No.	Per Card	Chuck Style	Pressure Range	Pressure Measurements	Calibration Tool Included
s-986C	1	Dual Head	10-160 PSI	PSI and kPa/BAR	YES
s-986CBNT	1	Straight Foot			



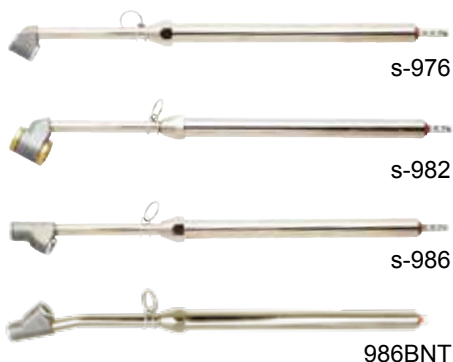
s-986C



s-986CBNT

SERVICE GAGES (cont)

s-976 • s-982
s-986 • 986BNT



Service Gages

Provide accurate, long life, trouble-free performance

- Nickel plated brass tubular body and 4-sided nylon indicator bars
- 2 sides of indicator bar in PSI, 2 sides in kPa
- 10-160 PSI (2 lb increments) / 80-1100 kPa (20 kPa increments)
- Calibrated in three ranges before leaving factory
- Hang loop included
- 986BNT - 10° bend in neck for ease of access for dualties

Bulk Part No.	Retail Part No.	Per Card	Chuck Style	Overall Length
	s-976	1	Standard Dual Head	12-3/4"
	s-982	1	Large Bore Dual Head	13 1/4"
	s-986	1	Dual Head Straight Foot	13"
986BNT				



DIGITAL PRESSURE GAGES

s-99900



s-99900

Digital Read Tire Pressure Gage

Automatic shut off - highly accurate

- Consistent repeatability
- Durable construction

Retail Part No.	Per Card	Pressure Range			CR2032 Battery
		PSI	kPa	Bar	
s-99900	1	2 to 99	15 to 700	0.15 to 7.0	Included

EX516DIG

EXELAIR® Heavy Duty Digital Tire Gauge

- 360° swivel dual head, straight foot chuck
- Pressure range: 5-100 PSI (measures PSI, kPa and Bar)
- Backlit digital display w/ auto shutoff
- Metal body for durability
- Slip resistant rubber grip
- Built in LED flashlight
- Batteries included

Retail Part No.	Per Card	Chuck Style	Product Specs		
			PSI	kPa	Bar
EX516DIG	1	Dual Head Straight Foot	5-100	1-7	35-800



EX516DIG

Filter, Regulator & Lubrication Systems... A simple guide

MICRO FILTERS



What are they? Where are they installed? Why would you spend the \$ to buy them?

First off, air leaving a compressor is hot, dirty and wet ... All elements that can damage and WILL shorten the life of expensive equipment and tools. That is why it is essential to protect your investments. Let's talk FILTERS first- Water vapor is the MORTAL enemy within a pneumatic system. The airline filter cleans this compressed air in two important stages:

First Stage - Air entering the filter is directed downward and with the resulting vortex action, liquids and particles are forced to the bowl wall and then extracted.

Second Stage - Air flows inward through the filter element where additional contaminants (as small as 4 microns) are removed with little pressure loss.

REGULATORS

PRESSURE REGULATOR component. These reduce as well as control the air pressure in compressed air systems....maintaining an optimal and constant output pressure no matter the input pressure variations. Some of the applications include air tools, blow guns and aerosol lubrication systems.

Why is this important?

- 1) Allows for precise downstream pressure control.
- 2) Built-in safety piston diaphragm assembly automatically vents excess air in the event the downstream pressure exceeds the desired regulator setting.

This prevents excessive pressure from reaching your tools. Excessive pressure causes tools and seals to overwork which can cause over-speeding of the tools' internal mechanisms. Both will decrease the life of your tools.



LUBRICATORS



LUBRICATION element. Truly a key factor in ensuring consistent operation of the tools. It adds a set quantity of oil into the compressed air system reducing moving component friction. How? Pressurized air is introduced and guided through the body where it turns into a smooth aerosol providing the needed lubrication to the working tools. This is critical to air tool life extension.

AIR COUPLERS & PLUGS
700/1700/1800 SERIES

DRIVEWAY SIGNALS
800 SERIES

PRESSURE GAGES
900 SERIES

F-R-Ls
1000/1100 SERIES

TEST EQUIPMENT
1200 SERIES

Additional Value-Add FRL Options

PIGGYBACK FILTER/REGULATOR SYSTEMS

All in one. Modular design provides extra space while reducing the overall weight load and saving time.



COALESCING FILTER SYSTEMS



Designed for applications that require air free of oil, water and foreign particles. It is best to locate these as close as possible to the actual tool. This is recommended for precision tools and actuators.

DESICCANT DRYER SYSTEMS

Primarily for more heavy duty operations where any amount of moisture may cause an issue, or operations where extremely dry air is necessary.

More commonly found in a wide range of industrial and commercial facilities.

Desiccant dryers are placed after both Micro Filters and Coalescing Filters, in order to allow the desiccant pellets to absorb effectively.

Note - These cannot be used with a lubricating system. Perfect for spray painting applications, or applications where small amounts of moisture may cause issues.



FRL System Facts

Air Compressor Compatibility: Big or small, our FRL systems will work with whatever pressure your air compressor provides.

Component Size

Mini - To be used closer to machinery or tool/application

Standard - For traditional use in home garage, small workshop or DIY application.

Heavy Duty - High flow system that is placed closer to compressor... for larger shop applications

SCFM - Standard Cubic Feet Per Minute

Regarding your FRL selection, SCFM only matters when it comes to the application. The SCFM rating of your air compressor is only the speed at which air enters a storage tank. Most pneumatic tools use air much faster than most air compressors can produce it.

EXAMPLE:

- Actual air tool usage is 4 to 5 times the "average SCFM rating" because you aren't using a tool all the time. However, to get the most out of the tools, it's best to have the air system capability CFM higher than the tools you plan to use. For example a ½" impact wrench can use as much as 35 SCFM, so make sure all the components upstream of that tool flow an amount of air greater than the tool. 2x if you plan to run two tools.

140 CFM (Auto shop, large workshop or an area that utilizes multiple locations)

247 CFM (Auto shop, large workshop or an area that utilizes multiple locations)

Applications

- Filter** - Critical for every application to ensure the elimination of water and particulates from your airline, machinery and tools
- Pressure Regulator** - The pressure regulator provides uniform controlled pressure to the system and ultimately the tools. The pressure in the air compressor tank rises and falls with usage and pump cycling. The air pressure regulator isolates the system from this and delivers air at a consistent pressure.
- Lubricator** - In-line lubrication takes the human element out of lubricating air tools. The tool is automatically lubricated to ensure long life from the tool. Lubricated air lines and hoses should be segregated to prevent cross contamination. General use air lines, for inflation, cleaning or painting should never have in-line lubrication.



AIR COUPLERS & PLUGS
700/1700/1800 SERIES

DRIVEWAY SIGNALS
800 SERIES

PRESSURE GAGES
900 SERIES

F-R-Ls
1000/1100 SERIES

TEST EQUIPMENT
1200 SERIES



MICRO FILTERS

- All filters supplied with pre-assembled automatic overnight drains
- 3 stage baffle system for exceptional moisture removal
- 40 micron bronze sintered elements allow less pressure drop, longer cleaning intervals, and are cleanable
- Light weight aluminum die-cast housing
- Micro filters remove harmful oil-water condensate, pipe scale, dirt and rust from compressed air systems
- Install micro filters upstream from regulators to protect against valve and diaphragm failure
- Micro filters are used as pre-filters to coalescing filters to insure high efficiency and long element life in applications such as spray painting, instrumentation and pharmaceuticals

1144M • s-1144



Mini Filters

Ideal for use in compact low air flow applications such as small pneumatic equipment, miniature valving and instruments

Part No.	1144M	s-1144
NPT	1/4"	
Bowl Type	Metal Bowl	Poly Bowl
Bowl Capacity	1 oz	
Maximum Air Pressure	250 PSI	150 PSI
Maximum Air Flow	27 SCFM	
Operating Temp Range	40°F to 160°F	40°F to 120°F
Included Filter	20 Micron Bronze Sintered	
Replacement Filters	See Below	
Sight Glass	No	N/A
Drain Type	Manual Petcock	Overnight
Mounting Bracket	s-1163-22 (sold separately, pg 93)	

1018 • 1019 • 1020



Polycarbonate Bowl Filters w/ Metal Bowl Guard

Part No.	1018	1019	1020
NPT	1/4"	3/8"	1/2"
Bowl Type	Polycarbonate Bowl		
Bowl Capacity	5 oz		
Maximum Air Pressure	150 PSI		
Maximum Air Flow	48 SCFM	75 SCFM	100 SCFM
Operating Temp Range	40°F to 125°F		
Included Filter	20 Micron Bronze Sintered		
Sight Glass	N/A		
Drain Type	Auto Overnight		
Mounting Bracket	s-1163-1 (sold separately, pg 93)		

1018-6 • 1019-6 1020-6 • 1120-6



Heavy Duty Metal Bowl Filters w/ Sight Glass

Part No.	1018-6	1019-6	1020-6	1120-6
NPT	1/4"	3/8"	1/2"	
Bowl Type	Metal Bowl			
Bowl Capacity	6 oz			9 oz
Maximum Air Pressure	250 PSI			
Maximum Air Flow	48 SCFM	75 SCFM	100 SCFM	115 SCFM
Operating Temp Range	40°F to 160°F			
Included Filter	40 Micron Bronze Sintered			
Sight Glass	YES			
Drain Type	Auto Overnight			
Mounting Bracket	s-1163-1 (sold separately, pg 93)			

1018-8 • 1019-8 1020-8 • 1120-8



Heavy Duty Metal Bowl Filters

Part No.	1018-8	1019-8	1020-8	1120-8
NPT	1/4"	3/8"	1/2"	
Bowl Type	Metal Bowl			
Bowl Capacity	6 oz			9 oz
Maximum Air Pressure	250 PSI			
Maximum Air Flow	48 SCFM	75 SCFM	100 SCFM	115 SCFM
Operating Temp Range	40°F to 160°F			
Included Filter	40 Micron Bronze Sintered			
Sight Glass	No			
Drain Type	Auto Overnight			
Mounting Bracket	s-1163-1 (sold separately, pg 93)			

MICRO FILTERS (cont)

1022-8 • 1022-10 • 1122-8



1022-8

1122-8

Heavy Duty Metal Bowl Filters (cont)

Part No.	1022-8	1022-10	1122-8
NPT	3/4"		1"
Bowl Type	Metal Bowl		
Bowl Capacity	10 oz	20 oz	29 oz
Maximum Air Pressure	250 PSI		
Maximum Air Flow	230 SCFM	245 SCFM	300 SCFM
Operating Temp Range	40°F to 160°F		
Included Filter	40 Micron Bronze Sintered		
Sight Glass	YES		No
Drain Type	Auto Overnight		
Mounting Bracket	1163-20*		1163-21*

* sold separately, pg 93



AIR COUPLERS & PLUGS
700/1700/1800 SERIES

DRIVEWAY SIGNALS
800 SERIES

PRESSURE GAGES
900 SERIES

**1035 • 1036
1037 • 1037-8**



1035

1037-8

COALESCING FILTERS

Perfect for spray painting applications that require air free of oil and all foreign particles

- .03 Micron Filtering
- 99.97 DOP Efficiency

Part No.	1035	1036	1037	1037-8
NPT	1/4"	3/8"	1/2"	3/4"
Bowl Type	Metal Bowl			
Bowl Capacity	6 oz			10 oz
Maximum Air Pressure	250 PSI			
Maximum Air Flow	24 SCFM	37 SCFM		60 SCFM
Operating Temp Range	40°F to 160°F			
Included Filter	.03 Micron			
Sight Glass	No			YES
Drain Type	Auto Overnight			
Mounting Bracket	s-1163-1 (sold separately, pg 93)			



**1118-1 • P1120-17
1144-1**



s-1118-1

REPLACEMENT FILTERS

Part No.	Microns	For Use With
1118-1	40	1/4", 3/8" & 1/2" Filters - 5 or 6 oz Bowls
P1120-17	40	1/2" Filters - 9 oz Bowls
1144-1	20	Mini Filters



F-R-Ls
1000/1100 SERIES

1168



1168

INTERNAL FLOAT DRAIN

- For self-contained automatic discharge of water and contaminants from compressed air line
- Fits all sizes of Milton® filters, except for mini filters
- To use, replace where overnight drain is positioned

Part No.	Description
1168	Internal Float Drain for All Filters



TEST EQUIPMENT
1200 SERIES

PRECISION REGULATORS

- Fully adjustable pressure
- Prevents overdriving tools
- Dial pressure gage and mounting brackets sold separately



1145-2 • 1145BK/s-1145



1145-2
s-1145

Mini Regulators

Low Pressure Regulators - Ideal for air flow applications that call for a compact unit where precise regulation is required

- Heavy Duty Regulators - Ideal for air flow applications that call for a compact unit, such as small pneumatic equipment, miniature valves and instrumentation
- Gage not included, but available as an accessory (see page 92 for gages)

Part No.	1145-2	1145BK/s-1145
NPT	1/8"	1/4"
Type	Heavy Duty	
Relieving Model	5-125 PSI	
Maximum Pressure	250 PSI	
Operating Temps	40°F to 120°F	
Maximum Air Flow	25 SCFM	
Body Material	Zinc	Glass Filled Nylon
Dial Gage	1/8" Center Mount Port (Sold Separately)	
Mounting Bracket	1160 (sold separately, pg 93)	

1113 • 1114 • 1115



1113
1114
1115

Standard Regulators

The Milton® heavy duty and mid-size RELIEVING TYPE regulators offer stable down stream air pressure over a wide range of air flows with accurate control, fast response and minimal pressure drop. Offset 1/4" gage ports can also serve as two 1/4" supply lines, allowing up to three regulated full flow out ports. Gage not included, but available as an accessory (see page 92 for gages)

- Inlet pressure: 250 PSI
- Operating temperature: 40°F to 120°F
- Aluminum die-cast body
- Buna-N diaphragm and O rings
- Balanced piston, molded rubber seat
- Gage port: 1/4" NPT

Part No.	1113	1114	1115
NPT	1/4"	3/8"	1/2"
Type	Standard		
Relieving Model	5-125 PSI		
Maximum Pressure	250 PSI		
Operating Temps	40°F to 120°F		
Maximum Air Flow	50 SCFM	80 SCFM	100 SCFM
Body Material	Die-Cast		
Dial Gage	1/4" Center Mount Port*		
Mounting Bracket	1163 (sold separately, pg 93)		

* can also serve as two 1/4" supply lines

1113-8 • 1114-8 • 1115-8



1113-8
1114-8
1115-8

High Pressure Regulators

Part No.	1113-8	1114-8	1115-8
NPT	1/4"	3/8"	1/2"
Type	Hi-Pressure		
Relieving Model	10-250 PSI		
Maximum Pressure	250 PSI		
Operating Temps	40°F to 120°F		
Maximum Air Flow	50 SCFM	80 SCFM	100 SCFM
Body Material	Die-Cast		
Dial Gage	1/4" Center Mount Port*		
Mounting Bracket	1163 (sold separately, pg 93)		

* can also serve as two 1/4" supply lines

PRECISION REGULATORS (cont)

**1026 • 1027
1026-8 • 1027-8**



1026
1027
1026-8
1027-8

Heavy Duty Regulators



Part No.	1026	1027	1026-8	1027-8
NPT	3/4"	1"	3/4"	1"
Type	Standard		Hi-Pressure	
Relieving Model	5-125 PSI		10-250 PSI	
Maximum Pressure	250 PSI			
Operating Temps	40°F to 120°F			
Maximum Air Flow	220 SCFM	250 SCFM	220 SCFM	250 SCFM
Body Material	Die-Cast			
Dial Gage	1/4" Center Mount Port (Can Also Serve As Two 1/4" Supply Lines)			
Mounting Bracket	1163 (sold separately, pg 93)			

**1188 • 1189 • 1190 • 1191
1192 • 1193 • 1194 • 1195**



PRESSURE GAGES

- High-quality gages - for use with compressors, regulators, air lines, pneumatic tools & equipment
- Resistant to heat, corrosion, water, salt water and oil
- Can be used in steam applications if less than 120°F
- Brass mechanism, ABS case, polycarbonate lens
- Maximum working pressure: limited to 75% of dial gage range

Part No.	Per Card	NPT	Mount	PSI Range	Operating Temp	Face Size
1188	1	1/8"	Mini Center Back	0-60 PSI	13°F to 120°F	1 1/2"
1189	1			0-160 PSI		
1190	1	1/4"	Center Back	0-60 PSI		2"
1191	1			0-160 PSI		
1192	1			0-300 PSI		
1193	1		Bottom	0-60 PSI		
1194	1			0-160 PSI		
1195	1			0-300 PSI		

**1152 • 1018P
1018M • 1028P**

**REPLACEMENT BOWLS FOR
FILTERS & LUBRICATORS**



Part No.	1152	1018P	1018M	1028P
For Use With	Mini Filters	Standard Filters		Lubricators
Size	1/8", 1/4"	1/4", 3/8", 1/2"		
Bowl Type	Poly Bowl	Poly Bowl w/ Bowl Guard	Metal Bowl	Poly Bowl w/ Bowl Guard
Capacity	1 oz	6 oz		5 oz
Sight Glass	N/A			N/A



PRECISION LUBRICATORS

Ideal for the customer who wants trouble-free protection and tamper proof reliability. Drip style allows precise setting and once adjusted, the adjusting knob can be removed to prevent tampering. Perfect for lubrication of air motors, tools, valves or where low air flow is encountered or where extremely fine adjustments are necessary

- Sight glass dome on drip type allows observation for instant drip rate adjustment
- Tamper proof
- Lubricator may be filled without shutting down line pressure
- Oil supply tube check valve guarantees INSTANT START-UP LUBRICATION
- Low pressure drip at full air flow
- Oil delivered at an air flow as low as 2 SCFM
- Safety bowl guards or metal bowls
- All lubricators are drip type except the 1" which is a wick type



1150M



1150M

Mini Lubricators

A visible drip type lubricator with an external adjustment screw. Unit is designed for low air flow applications where space is a consideration. Requires approximately 1 CFM of air flow to deliver oil. Bypass system allows full air flow with minimum pressure drop. Assures proper air/oil mixture over full operating range

Part No.	1150M
NPT	1/4"
Bowl Type	Metal Bowl
Bowl Capacity	1 oz
Maximum Air Pressure	200 PSI
Operating Temps	40°F to 160°F
Maximum Air Flow	16 SCFM
Sight Glass	No
Mounting Bracket	s-1163-22 (sold separately, pg 93)

1028 • 1029 • 1030



1028
1029
1030

Polycarbonate Bowl Lubricators w/ Metal Bowl Guard

Part No.	1028	1029	1030
NPT	1/4"	3/8"	1/2"
Bowl Type	Polycarbonate Bowl		
Bowl Capacity	5 oz		
Maximum Air Pressure	150 PSI		
Operating Temps	40°F to 125°F		
Maximum Air Flow	16 SCFM	82 SCFM	142 SCFM
Sight Glass	N/A		
Mounting Bracket	s-1163-1 (sold separately, pg 93)		

1028-8 • 1029-8 1030-8 • 1031-8



1028-8
1029-8
1030-8
1031-8

Metal Bowl Lubricators

Part No.	1028-8	1029-8	1030-8	1031-8
NPT	1/4"	3/8"	1/2"	
Bowl Type	Metal Bowl			
Bowl Capacity	6 oz			9 oz
Maximum Air Pressure	200 PSI			
Operating Temps	40°F to 120°F			
Maximum Air Flow	16 SCFM	82 SCFM	142 SCFM	
Sight Glass	YES			
Mounting Bracket	s-1163-1 (sold separately, pg 93)			

PRECISION LUBRICATORS (cont)

1131-9 • 1131-10 • 1132-8



1131-9

1131-10

1132-8

Heavy Duty Lubricators

Part No.	1131-9	1131-10	1132-8
NPT	3/4"		1"
Bowl Type	Metal Bowl		
Bowl Capacity	10 oz	20 oz	29 oz
Maximum Air Pressure	200 PSI		
Operating Temps	40°F to 120°F		
Maximum Air Flow	142 SCFM	142 SCFM	175 SCFM
Sight Glass	YES		
Mounting Bracket	s-1163-1*		1163-20*

*sold separately, below



MOUNTING BRACKETS

**1160 • 1163 • s-1163-1
s-1163-14 • 1163-20
1163-21 • s-1163-22**



Filter/Lubricator Mounting Brackets



Part No.	For Use With:	Milton® FRL Components			
s-1163-22	Mini Filters (pg 89) Mini Lubricators (pg 93)	s-1144	1144M	1150M	
s-1163-1	Standard Filters (pg 89) Standard Lubricators (pg 93)	1018/1018-6/1018-8 1029/1029-8 1036 1101/1101M 1107 1131-9	1019/1019-6/1019-8 1030/1030-8 1037 1102/1102M 1108 1131-10	1020/1020-6/1020-8 1031-8 1037-8 1103/1103M 1120-6	1028/1028-8 1035 1100/1100M 1106 1120-8
1163-20	Heavy Duty Filters (pg 90) HD Lubricators (pg 94)	1022-8	1022-10	1132-8	1104M*

*recommend 2

Regulator/Piggyback Mounting Brackets



1160	Mini Regulators (pg 91) Mini Piggybacks (pg 97)	s-1140 1145BK/s-1145	s-1142 1145-2	1142-1 1142-2	
1163	Standard Regulators (pg 91) Standard Piggybacks (pg 97)	1026/1026-8 1111/1111-1/1111-5	1027/1027-8 1113/1113-8	1109/1109-1/1109-5 1114/1114-8	1110/1110-1/1110-5 1115/1115-8

Desiccant Dryer Mounting Bracket



1163-21	Desiccant Dryers (pg 98)	1071 1122-8	1072 1170	1070-2 1170-2
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Modular Accessories Mounting Bracket



s-1163-14	Modular Accessories (pg 107)	1106-1* s-1163-6 s-1163-11	s-1163-3 s-1163-8 s-1163-12	s-1163-4 s-1163-9 s-1163-13	s-1163-5 s-1163-10
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*recommend 2

1166

Pipe Mounting Brackets



1166

Part No.	Size	For Use With:
1166	Medium Pipe Mounting Bracket	1/2" OD Air Supply Pipe

1000/1100 SERIES

**TOOL & COMPRESSOR OILS, MINI F-R-Ls,
FILTERS, REGULATORS, LUBRICATORS,
COMPRESSOR ACCESSORIES**

1106 • 1107 • 1108



DELUXE FILTER/REGULATOR DUO

- Factory assembled
- Automatic overnight drains
- Relieving regulator
- Complete with gage #1191
- 40 micron filter element



Part No.	1106	1107	1108
NPT	1/4"	3/8"	1/2"
Bowl Type	Polycarbonate Bowl		Metal Bowl
Bowl Capacity	5 oz		9 oz
Max Air Pressure	150 PSI		250 PSI
Operating Temps	40°F to 150°F		
Maximum Air Flow	48 SCFM	75 SCFM	100 SCFM
Gage Port size	1/4" NPT		
Gage Included	YES		
Mounting Bracket	s-1163-1 (sold separately, pg 93)		

Individual components

Part No.	1106	1107	1108
Filter	1018	1019	1120-8
Regulator	1113	1114	1115
Gage	1191		

FILTER/REGULATOR/LUBRICATOR TRIO

s-1140



Mini Filter/Regulator/Lubricator Trio



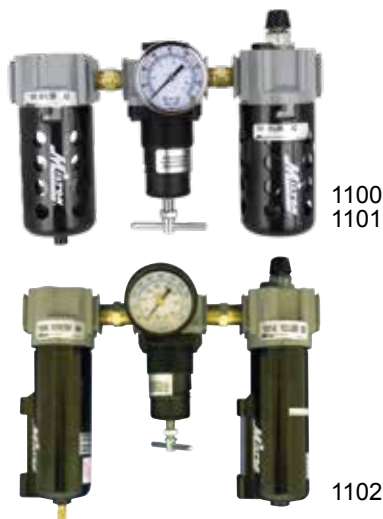
Part No.	s-1140
NPT	1/4"
Filter Bowl Type	Poly Bowl
Filter Bowl Capacity	1 oz
SCFM	20 SCFM
Lubricator Bowl Type	Poly Bowl
Lubricator Bowl Capacity	1 Ounce
Sight Glass	N/A
Gage Included	YES (#1189)
Mounting Brackets	1160*

Individual components

Part No.	s-1140
Filter	1144
Regulator	1145
Lubricator	1150
Gage	1189

*sold separately, pg 93

1100 • 1101 • 1102



Filter/Regulator/Lubricator Trio

Part No.	1100	1101	1102*
NPT	1/4"	3/8"	1/2"
Bowl Type	Polycarbonate Bowl		Metal Bowl
Filter Bowl Capacity	5 oz		9 oz
Filter - Max Air Pressure	150 PSI		250 PSI
Regulator - Max Inlet Pressure	250 PSI		
Lubricator Bowl Capacity	5 oz		9 oz
Lubricator - Max Air Pressure	150 PSI		250 PSI
Operating Temps	40°F to 150°F		
Maximum Air Flow	48 SCFM	75 SCFM	100 SCFM
Gage Included	YES		
Mounting Bracket	s-1163-1 (sold separately, pg 93 - recommend 2)		
Sight Glass	No		

*1102 comes unassembled

Individual components

Part No.	1100	1101	1102
Filter	1018	1019	1120-8
Regulator	1113	1114	1115
Lubricator	1028	1029	1031-8
Gage	1191		

AIR COUPLERS & PLUGS
700/1700/1800 SERIES

DRIVEWAY SIGNALS
800 SERIES

PRESSURE GAGES
900 SERIES

F-R-Ls
1000/1100 SERIES

TEST EQUIPMENT
1200 SERIES

FILTER/REGULATOR/LUBRICATOR TRIO (cont)

**1100M • 1101M • 1102M
1103M • 1104M**



1100M
1101M
1102M



1103M



1104M

**High Pressure Metal Bowl
Filter/Regulator/Lubricator Trio**

- Filter has automatic overnight drain
- Relieving regulator, drip style lubricator
- 40 micron bronze sintered filter element included
- Outlet pressure range: 2-125 PSI
- Fully assembled and ready to install



Part No.	1100M	1101M	1102M	1103M	1104M
NPT	1/4"	3/8"	1/2"	3/4"	1"
Bowl Type	Metal Bowl				
Filter Bowl Capacity	6 oz			10 oz	29 oz
Filter - Max Air Pressure	250 PSI				
Regulator - Max Inlet Pressure	250 PSI				
Lubricator Bowl Capacity	6 oz			10 oz	29 oz
Lubricator - Max Air Pressure	200 PSI			250 PSI	
Operating Temps	40°F to 160°F			40°F to 160°F	
Maximum Air Flow	16 SCFM	82 SCFM	142 SCFM		175 SCFM
Gage Included	YES				No
Mounting Bracket	s-1163-1*				1163-20*
Sight Glass	No			YES	

*sold separately, pg 93 - recommend 2

Individual components

Part No.	1100M	1101M	1102M	1103M	1104M
Filter	1018-8	1019-8	1120-8	1022-8	1122-8
Regulator	1113-8	1114-8	1115-8	1026-8	1027-8
Lubricator	1028-8	1029-8	1031-8	1131-9	1132-8
Gage	1192				N/A

* 1102 comes unassembled

1106-1



1106-1

**Polycarbonate Bowl Filter/Regulator/
Lubricator Trio w/ Bowl Guard,
Pipe Ports & Connectors**

Part No.	1106-1
NPT	1/2"
Bowl Type	Poly Bowl
Filter Bowl Capacity	5 oz
Filter - Max Air Pressure	150 PSI
Regulator - Max Inlet Pressure	250 PSI
Lubricator Bowl Capacity	5 oz
Lubricator - Max Air Pressure	150 PSI
Operating Temps	40°F to 125°F
Maximum Air Flow	100 SCFM
Gage Included	YES
Mounting Bracket	s-1163-14*
Sight Glass	N/A

*Not included, recommend 2

Individual components

Part No.	1106-1
Filter	1020
Regulator	1115
Lubricator	1030
Gage	1191
Pipe Ports (qty 2)	s-1163-10
Connectors (qty 2)	s-1163-3

PIGGYBACK FILTER/REGULATOR

Piggyback duo has the features of the standard regulator, plus the space saving convenience of a combined filter. Gage not included, but available as an accessory



1142-1 • 1142-2 • s-1142



s-1142

1142-2

Mini Piggyback Filter/Regulators

Ideal for use in compact air flow applications. Filter/regulator duo has same features as mini regulator plus the space saving convenience of 20 micron screw in mini filter. Comes pre-assembled with 0-160 PSI gage (#1189). Auto overnight drains. Height: 6 1/4". Maximum SCFM 20

Part No.	1142-1	1142-2	s-1142
NPT	1/8"	1/4"	1/4"
Bowl Type	Metal Bowl		Poly Bowl
Bowl Capacity	1 oz		
SCFM	20 SCFM		
Gage Port Size	1/8" NPT		
Gage Included	No	YES	
Mounting Bracket	1160 (sold separately, pg 93)		

1109-5 • 1110-5 • 1111-5



1109-5
1110-5
1111-5

Polycarbonate Bowl Filter/Regulators w/ Metal Bowl Guard

- Auto overnight drains

Part No.	1109-5	1110-5	1111-5
NPT	1/4"	3/8"	1/2"
Bowl Type	Polycarbonate Bowl		
Bowl Capacity	6 oz		
Max Air Pressure	200 PSI		
Operating Temps	40°F to 160°F		
Maximum Air Flow	50 SCFM	80 SCFM	100 SCFM
Gage Port size	1/4" NPT		
Gage Included	No		
Mounting Bracket	1163 (sold separately, pg 93)		

1109 • 1110 • 1111
1109-1 • 1110-1 • 1111-1



1109
1110
1111

1109-1
1110-1
1111-1

Metal Bowl Filter/Regulators

- Auto overnight drains

Part No.	1109	1110	1111	1109-1	1110-1	1111-1
NPT	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"
Bowl Type	Metal Bowl					
Bowl Capacity	5 oz					
Max Air Pressure	150 PSI					
Operating Temps	40°F to 125°F					
Maximum Air Flow	50 SCFM	80 SCFM	100 SCFM	50 SCFM	80 SCFM	100 SCFM
Gage Port size	1/4" NPT					
Gage Included	No					
Mounting Bracket	1163 (sold separately, pg 93)					

DESICCANT DRYER SYSTEMS



1170 • 1170-2 P1170-15



1170



1170-2



P1170-15

1/2" Compact Desiccant Dryers

Delivers extremely dry compressed air as low as -30°F dew point without using electricity or refrigerant. Easy to monitor, when color changes in the sight glass from dark blue to pink, then it is time to change or dry the desiccant. To dry desiccant, remove from unit, bake at 275°F for 3 hours. To prolong the life of the unit, a 40 micron pre-filter, and .03 coalescing filter should precede dryer. Initial supply of desiccant is included

Part No.	1170	1170-2
NPT	1/2"	
Bowl Type	Metal Bowl	
Bowl Capacity	1 Quart	2 Quart
Maximum Air Pressure	250 PSI	
Maximum Air Flow	5-15 SCFM	15-25 SCFM
Mounting Brackets	1163-21 (sold separately, pg 93)	

Part No.	Description
P1170-15	Desiccant Dryer Element Kit for 1170-2

1071



1071

1/2" Desiccant Dryer System

Not only dries the compressed air, but also removes dirt and oil. Each factory assembled system consists of the components listed below. Both filters are equipped with Milton® automatic overnight drains that will drain when the system drops below 5 PSI. Initial supply of desiccant is include

Part No.	1071		
Component Description	Filter	Coalescing Filter	Desiccant Dryer
Component Part Number	1020-8	1037	1170
NPT	1/2"		
Bowl Type	Metal Bowl		
Bowl Capacity	6 oz		29 oz
Max Air Pressure	250 PSI		
Operating Temps	40°F to 160°F		
Maximum Air Flow	100 SCFM	37 SCFM	5-15 SCFM
Included Filter	40 Micron Bronze Sintered		N/A
Sight Glass	No Sight Glass		YES
Drain Type	Automatic Overnight		N/A
Mounting Brackets	1163-21 (sold separately, pg 93)		

1000/1100 SERIES

**TOOL & COMPRESSOR OILS, MINI F-R-Ls,
FILTERS, REGULATORS, LUBRICATORS,
COMPRESSOR ACCESSORIES**

AIR COUPLERS & PLUGS
700/1700/1800 SERIES

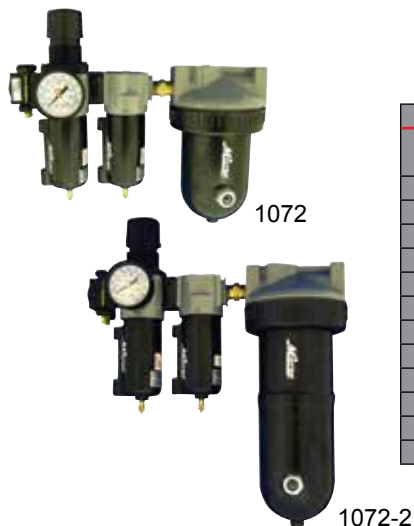
DRIVEWAY SIGNALS
800 SERIES

PRESSURE GAGES
900 SERIES

F-R-Ls
1000/1100 SERIES

TEST EQUIPMENT
1200 SERIES

1072 • 1072-2



1/2" Deluxe Desiccant Dryer System

Not only dries the compressed air, but also removes dirt and oil. Each factory assembled system consists of the components listed below. Both filters are equipped with Milton® automatic overnight drains that will drain when the system drops below 5 PSI. Initial supply of desiccant is included



Part No.	1072			1072-2		
Component Description	Piggyback F-R	Coalescing Filter	Desiccant Dryer	Piggyback F-R	Coalescing Filter	Desiccant Dryer
Component Part Number	1111	1037	1170	1111	1037	1170-2
NPT	1/2"			1/2"		
Bowl Type	Metal Bowl			Metal Bowl		
Bowl Capacity	6 oz		1 Quart	6 oz		2 Quart
Relieving Model	0-160 PSI		N/A	0-160 PSI		N/A
Max Air Pressure	250 PSI			250 PSI		
Operating Temps	40°F to 160°F			40°F to 160°F		
Maximum Air Flow	100 SCFM	37 SCFM	5-15 SCFM	100 SCFM	37 SCFM	15-25 SCFM
Included Filter	40 Micron Bronze Sintered		N/A	40 Micron Bronze Sintered		N/A
Sight Glass	No Sight Glass		YES	No Sight Glass		YES
Drain Type	Automatic Overnight		N/A	Automatic Overnight		N/A
Mounting Brackets	1163-21 (sold separately, pg 93)					

DESICCANT DRYER SYSTEMS

1170-1 • 1170-8



Replacement Desiccant Charge

- For use with all Milton® desiccant dryers
- Easy to monitor: when color changes in the sight glass from dark blue to pink, then it is time to change or dry the desiccant
- To dry desiccant, remove from unit, bake at 275° for 3 hours



Part No.	Description
1170-1	1 Quart
1170-8	1 Gallon

s-1173 • s-1174 • 1174-7



Mini Disposable Air Line Desiccant Filter/Dryer

- Removes all traces of dirt, dust, water vapor, oil vapor
- Lightweight: 2 oz
- See-through non-metallic chemical resistant material
- Replace cartridge when desiccant beads turn to pink in color
- Max pressure: 125 PSI
- Max flow capacity: 15 SCFM
- Working temperature: 32°F to 130°F (0°C to 54°C)
- Size: 3 3/4" x 1 1/2"



1173 & 1174 ONLY

Bulk Part No.	Retail Part No.	Per Card	Description
1173BK	s-1173	1	Replacement Desiccant Dryer Cartridges (2pk)
	s-1174	1	Mini Air Station w/ Desiccant Dryer Cartridge

Part No.	Description
1174-7	Replacement Air Station Dial Pressure Gage (0-160) PSI

COMPRESSOR OIL



1002-32 • 1002



1002-32



1002

High Performance Compressor Oil

- Provides exceptional wear, oxidation, and corrosion protection
- No-detergent formula minimizes foaming and separates from water easily
- For use in all oil-lubricated reciprocating air compressors
- Prevents formation of sludge and carbon deposits
- Works in cold down to -15°F (-26°C)

High Performance Conventional	
Part No.	Size (oz)
1002-32	32 (Qt)
1002	128 (Gal)

AIR COUPLERS & PLUGS
700/1700/1800 SERIES

DRIVEWAY SIGNALS
800 SERIES

PRESSURE GAGES
900 SERIES

1002-32S



1002-32S

Premium Full Synthetic Compressor Oil

All the performance of conventional compressor oil, plus...

- Even greater wear, oxidation, and corrosion protection
- Maximum prevention of sludge and carbon deposit formation
- Extreme all season low temperature performance down to -36°F (-38°C)

Premium Full Synthetic	
Part No.	Size (oz)
1002-32S	32 (Qt)



F-R-Ls
1000/1100 SERIES

TEST EQUIPMENT
1200 SERIES

AIR TOOL OIL

1001-4 • 1001-16
1001-32 • 1001



1001-32



1001

High Performance Conventional Air Tool Oil

- Lubricates & protects air tools
- Improves performance & extends tool life
- Specially formulated for use in air tools & lubricators
- Reduces corrosion and rust
- Prevents formation of sludge deposits
- No-synthetic, anti-foaming formula
- Works in cold down to -25°F (-32°C)



High Performance Conventional	
Part No.	Size (oz)
1001-4	4
1001-16	16 (Pint)
1001-32	32 (Qt)
1001	128 (Gal)

1001-4B • 1001-16B



1001-4B



1001-16B

Eco-Friendly High Performance Air Tool Oil

All the performance of conventional air tool oil, plus...

- Drastically reduces inhalation hazard compared to petroleum-based lubricants when air tools exhaust into your breathable space
- Eco-friendly, vegetable-based formula
- Works in cold down to -20°F (-29°C)



Eco-Friendly High Performance	
Part No.	Size (oz)
1001-4B	4
1001-16B	16 (Pint)

1003-4



1003-4

AIR TOOL CLEANER

- Simply add to air tool inlet, allow 5 minutes to penetrate, run tool to remove excess cleaner, then re-lubricate
- Improves air tool performance
- Won't harm internal components and seals
- Makes old tools run like new again



Air Tool Cleaner	
Part No.	Size (oz)
1003-4	4

A-B-C Dimensions				
For Piggyback F/R Trios, Dessicant				
A = Diameter of unit				
B = Distance between center of port to top of unit				
C = Distance between center of port to bottom of unit				
B + C = Total height				

MICRO FILTER

INLET PRES. (PSI)				
SIZE	50	75	100	Δ P
1/4"	36	40	45	5
3/8"	58	65	72	5
1/2"	80	90	100	5
3/4"	210	220	230	5
Poly				
3/4"	220	230	243	5
Metal				
1"	243	270	300	5

COALESCING FILTER

INLET PRES. (PSI)				
SIZE	50	75	100	Δ P
3/4"	95	100	105	2.5

OIL REMOVING FILTER

INLET PRES. (PSI)				
SIZE	50	75	100	Δ P
1/4"	21	24	27	2.5
1/2"	44	48	53	2.5
3/4"	166	170	174	2.5

MINI FILTER

INLET PRES. (PSI)				
MODEL	50	75	100	Δ P
s-1144	24	27	30	5
1144M	20	25	30	5

REGULATORS

INLET PRES. (PSI)				
SIZE	50	75	100	
1/4"	50	50	50	
3/8"	60	80	80	
1/2"	80	100	100	
3/4"	164	215	220	
1"	190	240	240	

MINI-REGULATOR

INLET PRES. (PSI)			
MODEL	50	75	100
ALL	20	28	28

ΔP means differential pressure or pressure drop across the unit.

FRL MAXIMUM SCFM

(STANDARD CUBIC FEET PER MINUTE) CHART

Charts below indicate maximum SCFM that FRLs can deliver and still provide maximum tool efficiency. Although ratings can be exceeded, the resulting increase in pressure drop may cause poor tool performance. Select an FRL that meets your SCFM requirements.

FILTERS

Part No.	NPT	SCFM @ 50 PSI	SCFM @ 75 PSI	SCFM @ 100 PSI	Δ P
1018 / 1018-6 / 1018-8	1/4"	38	43	48	5
1019 / 1019-6 / 1019-8	3/8"	60	68	5	5
1020 / 1020-6 / 1020-8	1/2"	80	90	100	5
1022-8	3/4"	184	207	230	5
1022-10	3/4"	196	220	245	5
1037-8	3/4"	48	54	60	2.5
1120-8	1/2"	93	103	115	5
1122-8	1"	240	270	300	5
1035	1/4"	22	24	27	2.5
1036	1/2"	31	40	45	2.5
1037	3/4"	42	38	53	2.5
s-1144 / 1144M	1/4"	22	24	27	5

REGULATORS

Part No.	NPT	SCFM @ 50 PSI	SCFM @ 75 PSI	SCFM @ 100 PSI
1113 / 1113-8	1/4"	50	50	50
1114 / 1114-8	3/8"	60	80	80
1115 / 1115-8	1/2"	80	100	100
1026 / 1026-8	3/4"	180	200	220
1027 / 1027-8	1"	210	230	250
s-1145	1/4"	23	25	25
1145-2	1/8"	23	25	25

Piggyback filter/regulators SCFM determined by regulator NPT size.

LUBRICATORS

Part No.	NPT	SCFM @ 50 PSI	SCFM @ 75 PSI	SCFM @ 100 PSI	Δ P
1028 / 1028-8	1/4"	10	14	16	5
1029 / 1029-8	3/8"	60	70	82	5
1030 / 1030-8	1/2"	110	125	142	5
1031-8	1/2"	110	125	142	5
1131-9 / 1131-10	3/4"	110	125	142	5
1132-8	1"	130	145	175	5
1150M	1/4"	12	14	16	5

AIR TOOL SCFM CONSUMPTION CHART

This chart is a reference only to estimate air consumption for typical air tools when operated with compressed air system or air line system

SCFM	Air Tool Description
4 to 7	Wire & terminal assembly tools
8 to 13	1/4" capacity air drills
8 to 13	1/4" square drive impact wrenches & nut runners
8 to 13	Air screwdrivers to 1" dia (16 ft/lbs)
8 to 13	Small automotive orbital sanders
9 to 14	Impact tools (3/8" square drive)
10 to 13	High speed small air die grinders
13 to 15	Foundry casting scalers
14 to 17	Impact wrenches (1/2" square drive)
14 to 29	Foundry sand tampers
15 to 20	Reciprocating files and reciprocating saws
19 to 20	Impact tools (5/8" square drive)
21 to 23	Air screwdrivers (to 23 ft/lbs)
22 to 34	Impact tools (3/4" square drive)
23 to 35	Foundry casting cleaners
25 to 27	Standard back fill tampers
24 to 30	Horizontal 2" small air grinders
27 to 32	Foundry casting chippers
34 to 60	Impact tools (1" square drive)
36 to 39	Medium cup brush wheel grinders (7" wheel) 1 HP
35 to 40	Disc sanders (7") 1 HP
39 to 42	Medium duty (4" wheel) horizontal grinders
48 to 65	Heavy duty (6" wheel) horizontal grinders
60 to 65	Large cup brush wheel vertical grinder (7" wheel) 2 HP

F-R-L APPLICATION CHART

For peak performance and maximum service life use this chart to match the correct Milton® filter, regulator or lubricator with the size of the air compressor

COMPRESSOR HP/SCFM*	FILTERS	REGULATORS	LUBRICATORS
1 HP, 4 SCFM 2 HP, 9 SCFM	1018, 1018-6, 1018-8, s-1144, 1144M, 1035	1113, 1113-8 s-1145, 1145-2	1028, 1028-8 1150M
3 HP, 13 SCFM	1018, 1018-6, 1018-8, 1035	1113, 1113-8	1028, 1028-8
5 HP, 22 SCFM	1019, 1019-6, 1019-8, 1036	1114, 1114-8	1029, 1029-8
7.5 HP, 33 SCFM	1019, 1019-6, 1019-8, 1020, 1020-6, 1020-8, 1120-8, 1037	1114, 1114-8, 1115, 1115-8	1029, 1029-8, 1030, 1030-8, 1031-8
10 HP, 45 SCFM	1020, 1020-6, 1020-8, 1120-8, 1037	1115, 1115-8	1030, 1030-8, 1031-8
15 HP, 67 SCFM 20 HP, 90 SCFM	1120-8, 1122-8	1115, 1115-8	1031-8
25 HP, 112 SCFM	1022-8, 1022-10, 1037-8	1026, 1026-8	1131-9, 1131-10
50 HP, 225 SCFM	1122-8	1027, 1027-8	1132-8

* HP = Horsepower
SCFM = Standard Cubic Feet per Minute

AIR COMPRESSOR ACCESSORIES

s-1060 • s-1062



s-1060
s-1062

Compressor Pressure Switches

- Combination terminals can be used with quick connects or standard screw terminals
- Auto-off disconnect lever and rotating unloader valve for applications requiring these modifications
- Four 1/4" NPT female port manifold complete with plugs
- UL listed, CSA certified
- Furnas universal pressure switches are suitable to replace pressure switches on compressors up to:

Part No.	Max Pressure Range
s-1060	95-125 PSI
s-1062	140-175 PSI

- 2 HP @ 120V 1-phase
- 3 HP @ 240V 1-phase
- 5 HP @ 240V 3-phase

NOTE: Compressor switches are not adjustable



AIR COUPLERS & PLUGS
700/1700/1800 SERIES

DRIVEWAY SIGNALS
800 SERIES

PRESSURE GAGES
900 SERIES

F-R-Ls
1000/1100 SERIES

TEST EQUIPMENT
1200 SERIES

PNEUMATIC TOOL ACCESSORIES

**s-1086-14 • s-1086-19
s-1086-20 • s-1086-21
s-1086-38 • s-1086-50**



Plastic Silencers

Part No.	Port Size
s-1086-14	1/4"
s-1086-38	3/8"
s-1086-50	1/2"

Silencers

- For use on exhaust ports on pneumatic valves and tools
- Quick and inexpensive way to reduce work area noise
- Features a 50-mesh self-cleaning, stainless steel screen



Aluminum Silencers

Part No.	Port Size
s-1086-19	1/4"
s-1086-20	3/8"
s-1086-21	1/2"



**1086-M • 1086-2 • 1086-4
1086-6 • 1086-8 • 1086-12A
1086-16A • 1086-20A
1086-24A**



1086-M 1086-12A
1086-2 1086-16A
1086-4 1086-20A
1086-6 1086-24A
1086-8

Pneumatic Exhaust Mufflers

- Muffler-filters use a porous sintered bronze, bonded to a copper plated steel pipe threaded fitting
- 40 micron exhaust mufflers diffuse air and muffle noise from exhaust ports of air tools, cylinders and valves to an acceptable OSHA noise requirements
- Maximum operating pressure: 150 PSI
- Maximum air flow: 20 SCFM @ 100 PSI
- Operating temperature: 40°F to 300°F



Boxed Part No.	Bulk Part No.	Retail Part No.	Per Card	NPT	Length	Diameter	Weight (lbs)
1086-M	1086-MBK			10-32 UNF	45/64"	5/16"	0.01
1086-2	1086-2BK	s-1086-2	1	1/8"	1 1/8"	7/16"	0.02
1086-4	1086-4BK	s-1086-4	1	1/4"	1 3/8"	9/16"	0.04
1086-6	1086-6BK	s-1086-6	1	3/8"	1 1/2"	1 1/16"	0.05
1086-8	1086-8BK			1/2"	1 7/8"	7/8"	0.10
1086-12A	1086-12ABK			3/4"	2 1/4"	1 1/16"	0.18
1086-16A	1086-16ABK			1"	2 7/8"	1 5/16"	0.34
1086-20A	1086-20ABK			1 1/4"	3 1/4"	1 11/16"	0.62
1086-24A	1086-24ABK			1 1/2"	3 11/16"	2"	0.88

PNEUMATIC TOOL ACCESSORIES (cont)

1087-2 • 1087-4 • 1087-6
1087-8 • 1087-12 • 1087-16
1087-2HF • 1087-4HF
1087-6HF • 1087-8HF



1087-2 1087-2HF
1087-4 1087-4HF
1087-6 1087-6HF
1087-8 1087-8HF
1087-12
1087-16

Speed Control Exhaust Mufflers

- Complete operating safety. 40 micron, sintered bronze sleeve is held securely and protected via integrated shroud
- Provides unlimited capability of controlling air flow at safe and reduced sound levels on exhaust ports of air valves
- Linear adjustable to the speed of an operating cylinder and air tool. Can be increased or decreased with the adjusting screw, then locked in place via lock nut
- Operating temperature: 35°F to 300°F

Boxed Part No.	Bulk Part No.	NPT	Type	Max Adjustable SCFM	Length	Hex	Weight (lbs)
1087-2	1087-2BK	1/8"	Standard	20	1 5/16"	1/2"	0.07
1087-4	1087-4BK	1/4"		30	1 9/16"	9/16"	0.09
1087-6	1087-6BK	3/8"		40	1 5/8"	11/16"	0.14
1087-8	1087-8BK	1/2"		60	2"	7/8"	0.25
1087-12	1087-12BK	3/4"		70	2 3/8"	1 1/16"	0.42
1087-16	1087-16BK	1"		100	2 1/2"	1 5/16"	0.56
1087-2HF	1087-2HFBK	1/8"	Hi Flow	30	1 9/16"	9/16"	0.09
1087-4HF	1087-4HFBK	1/4"		40	1 5/8"	11/16"	0.14
1087-6HF	1087-6HFBK	3/8"		60	2"	7/8"	0.25
1087-8HF	1087-8HFBK	1/2"		70	2 3/8"	1 1/16"	0.42



1088-2 • 1088-4 • 1088-6
1088-8 • 1088-12
1088-16 • 1088-24



1088-2 1088-12
1088-4 1088-16
1088-6 1088-24
1088-8

Breather Vents

- Offer vacuum relief or pressure equalization on gear boxes, oil tanks or reservoirs
- Prevents dirt and particles from entering open ports
- 40 micron units have standard pipe thread for quick assembly or removal
- Maximum operating pressure: 150 PSI
- Operating temperature: 35°F to 300°F

Boxed Part No.	NPT	Length	Diameter	Weight (lbs)
1088-2	1/8"	7/16"	7/16"	0.01
1088-4	1/4"	5/8"	9/16"	0.02
1088-6	3/8"	3/4"	11/16"	0.04
1088-8	1/2"	7/8"	7/8"	0.06
1088-12	3/4"	1"	1 1/16"	0.10
1088-16	1"	1 5/16"	1 5/16"	0.23
1088-24	1 1/2"	1 1/2"	2"	0.56



1090-70 • 1090-125
1090-150 • 1090-200



1090-70
1090-125
1090-150
1090-200

ASME Safety Valves

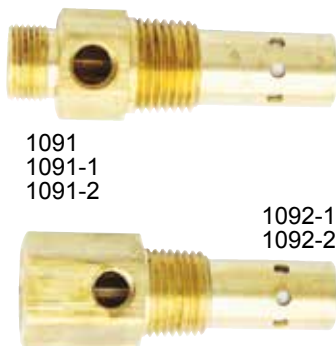
- Manufactured to ASME standards and certified by the National Board of Boiler and Pressure Vessel Inspectors
- Bubble tight to 10% of set pop-off pressure
- Interchangeable with all other ASME valves of same size and pressure
- Valve resets after pressure drops 50%
- Overall length: 2"

Boxed Part No.	Retail Part No.	Per Card	Male NPT	Pop-off Pressure	Air Flow
1090-70			1/4"	70 PSI	70 SCFM
1090-125	s-1090-125	1		125 PSI	120 SCFM
1090-150	s-1090-150	1		150 PSI	140 SCFM
1090-200	s-1090-200	1		200 PSI	170 SCFM





**1091 • 1091-1 • 1091-2
1092-1 • 1092-2**



Compressor Tank Check Valves

- Used in compressor tanks to prevent air volume and pressure from escaping back into compressor heads while the compressor is not operating
- Brass body with Teflon poppet
- 1/8" NPT side port for pressure switch application
- 3/4" valves include a built-in dash pot for improved poppet life
- Maximum working pressure: 450 PSI
- Maximum temperature: 400°F

Boxed Part No.	Retail Part No.	Per Card	Tank Bung Hole Size (Male)	Compressor Air Line Size	Air Line Type	SCFM
1091	s-1091	1	1/2"	3/8"	Tube Compression Male	20
1091-1	s-1091-1	1	1/2"	1/2"		30
1091-2			3/4"	3/4"	Female	20
1092-1			1/2"	1/2"		30
1092-2			3/4"	3/4"		30

**1093-4 • 1093-8
1093-12**



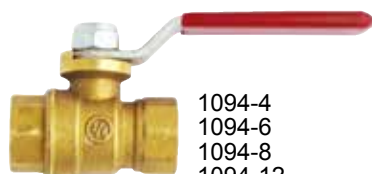
1093-4
1093-8
1093-12

Air/Water/Oil In-Line Check Valves

- Designed for piped systems to prevent bleed-back of pressure/material into supply system
- Cast brass body with stainless steel spring and Teflon poppet
- 1/8" plugged tap for a gage or pressure switch
- Valve opens at 3 PSI
- Maximum operating pressure: 250 PSI
- Maximum operating temperature: 450°F

Boxed Part No.	Retail Part No.	Per Card	Female x Female (NPT)	Length	Flow Rate
1093-4	s-1093-4	1	1/4"	1 3/4"	12 SCFM
1093-8			1/2"	2 1/2"	38 SCFM
1093-12			3/4"		60 SCFM

**1094-4 • 1094-6 • 1094-8
1094-12 • 1094-16**



1094-4
1094-6
1094-8
1094-12
1094-16

Full Port Brass Ball Valves

- High capacity ball valves are designed for use with compressed air, water or oil to isolate segments of the system without disrupting service to the rest of the system
- All brass body with plated steel ball, Teflon seals, plated 1/4 turn handles
- Maximum working pressure (air/water/oil): 400 PSI
- Maximum working pressure -steam: 150 PSI
- Temperature: - 20°F to 350°F

Boxed Part No.	Retail Part No.	Per Card	Female x Female (NPT)	Body Length	Max Pressure @ 210°F
1094-4	s-1094-4	1	1/4" x 1/4"	2"	280 PSI
1094-6	s-1094-6	1	3/8" x 3/8"		260 PSI
1094-8	s-1094-8	1	1/2" x 1/2"	2 5/16"	250 PSI
1094-12			3/4" x 3/4"	2 7/16"	220 PSI
1094-16			1" x 1"	3"	190 PSI

1000/1100 SERIES

TOOL & COMPRESSOR OILS, MINI F-R-Ls, FILTERS, REGULATORS, LUBRICATORS, COMPRESSOR ACCESSORIES

AIR COUPLERS & PLUGS
700/1700/1800 SERIES

DRIVEWAY SIGNALS
800 SERIES

PRESSURE GAGES
900 SERIES

F-R-Ls
1000/1100 SERIES

TEST EQUIPMENT
1200 SERIES

1095-75-9 • 1095-125 1095-150



1095-75-9
1095-125
1095-150

Non-Coded Safety Relief Valves

- Valves are constructed of the same materials as our ASME safety valves, but are not national board certified and cannot be used on applications requiring ASME components
- Valves are equipped with a lift ring for instant relief and are staked at the factory at the preset pop-off pressure
- Valve resets after pressure drops 50

Boxed Part No.	Female x Female (NPT)	Pop-off Pressure	Length
1095-75-9	1/4"	75 PSI	1 9/16"
1095-125		125 PSI	1 5/8"
1095-150		150 PSI	

WARNING: These valves are not to be used on compressors with a capacity over 15 SCFM or 3 HP or 10 gallon storage tank



1097-6 • 1097-8 1098-4 • 1098-6



1097-6
1097-8



1098-4
1098-6

Load Genies

A load genie is a combination un-loader and check valve. Unloads discharge manifold in either vertical or horizontal position of any compressor when compressor cycles and flow stops. Efficient, quiet, economical and eliminates tubing/fittings of conventional pressure switch un-loader

- Maximum working pressure: 250 PSI
- Maximum recommended compressor speed: 400 RPM
- Maximum recommended temp: 450°F

Boxed Part No.	Retail Part No.	Per Card	Inlet	Outlet
1097-6	s-1097-6	1	3/8" OD Compression	1/4" NPT Male
1097-8	s-1097-8	1	1/2" OD Compression	3/8" NPT Male
1098-4			1/4" NPT Female	1/4" NPT Male
1098-6			3/8" NPT Female	3/8" NPT Male



1139-1 • 1139-2



1139-1
1139-2

Electronic Compressor Tank Drains

- Attaches to air compressors to automatically drain water from tanks to deliver dry air to air tools and pneumatic equipment
- Two 2-way direct-acting valves with manual test switch
- Separate adjustments for interval and duration
- Includes Y-strainer to trap large debris and sludge

Part No.	1139-1	1139-2
NPT	1/4"	1/2"
Max Working Pressure	230 PSI	
Manual Override	YES	
Operating Temps	40°F to 140°F	
Power Cord	6.5 Feet	

Adjustable cycle time: 0.5-4.5 minutes
Adjustable drain time: 0.5-10 seconds



MODULAR F-R-L ACCESSORIES

s-1163-3



s-1163-3

Modular Connector Insert

- One size works with all NPT ports
- Modular design allows for ease of component connection and replacement
- Easily connects all standard Milton® FRL components (will not work with ExelAir® FRL components)

Part No.	Port Size
s-1163-3	One Size Fits All



s-1163-5



s-1163-5

OSHA 3-Way Lockout Valves

- Exhausts downstream pressure when closed
- Safety gate can be locked closed to prevent accidental air flow

Part No.	Port Size
s-1163-5	3/8"



s-1163-10 • s-1163-11



s-1163-10
s-1163-11

Modular Pipe Ports

- For inlet and outlet ports
- Easily connect threaded connections to FRL components

Part No.	Port Size
s-1163-10	1/2"
s-1163-11	3/4"



1180-2



1180-2

Automatic Condensate Drains

- Continuously drains accumulated water and oil from drain lines, receiver tanks, condensate drop-legs and filters
- Equipped with top-threaded port to receive drop-leg air lines
- Protective stainless steel screen with umbrella baffle

Length: 6 1/2" x width: 2 3/4"
Weight: 1 lb

Boxed Part No.	Retail Part No.	Per Card	NPT	Bowl Type	Max Air Pressure	Operating Temp	Drain Type
1180-2	s-1180-2	1	1/2"				



1210



SEMI-TRAILER AIR BRAKE TESTING TOOL

- Provides connection of air lines to the service and emergency brake lines of the semi-trailer for brake testing when separated from truck/tractor
- Glad-hand coupler for quick connection
- Cushioned grip with shut-off valve



Retail Part No.	Per Card	Description
1210	1	Semi-Trailer Air Brake Testing Tool

s-1235



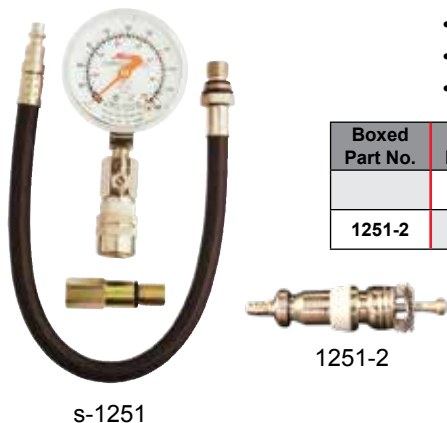
6-24 VOLT LED CIRCUIT TESTER

- Micro-sharp tip for easy wire piercing
- 6-24 volt range
- LED indicator light

Retail Part No.	Per Card	Description
s-1235	1	6-24 Volt LED Circuit Tester

COMPRESSION TESTERS

1251 • 1251-2



Deluxe Compression Tester

- Ideal for testing cylinder head compressions
- Deluxe tester includes 14mm long reach adapter and spare valve core
- Double fiber braided neoprene hydraulic hose
- Composite metric scale reads in both PSI and metric ranges



Boxed Part No.	Retail Part No.	Per Card	Description	PSI	kPa	kg/ cm ²	Bar
	s-1251	1	Deluxe Compression Tester	0-300	0-2100	0-21	0-21
1251-2			Replacement Valve Core (for All Compression Testers)				

COMPRESSION TESTERS (cont)

s-1255



s-1255

Diesel Compression Tester

- Measures cylinder pressure on diesel equipped cars and trucks
- Kwik change coupler permits fast threading in hard to reach openings
- Diesel tester includes release valve for instant venting
- Not for use with a standard valve core

Boxed Part No.	Retail Part No.	Per Card	Description	PSI	kPa	kg/ cm ²	Bar
s-1255	1	1	0-1000	0-7000	0-70	0-70	0-21

s-1257



s-1257

Cylinder Leakage Tester

- Works with shop air quickly spotting bad valves, worn rings, cracked cylinder walls and blown gaskets
- Compatible with standard leakage testers
- Will fit almost all engines with combination 14mm and 18mm adapter units

Retail Part No.	Per Card	Description
s-1257	1	Cylinder Leakage Tester
NOTE: Replacement parts not available		

1260 • 1260M



1260



1260M

6V & 12V BATTERY, STARTER & CHARGING SYSTEM TESTER

- All of the battery testing specifications you need are printed on the dial. Nothing to look up!
- Lightweight and portable with built-in handle
- Durable metal housing with storage lugs for tester clamps

Retail Part No.	Per Card	Housing	AMPS	12 Second Cut-off
1260	1	Black Powder Coating	100	No
1260M	1	Chrome Nickel Plated	120	YES
NOTE: Replacement parts not available				

CAM & GROOVE COUPLERS

• For industrial, fleet and mining applications

Material Size	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
Aluminum PSI	250	250	250	250	250	150	125	100	75
Polypropylene PSI	125	125	100	100	100		75		

2001 • 2101

Type A Adapters Female NPT x Male Adapter

Size	Aluminum Part No.	Polypropylene Part No.
1" FNPT x 1 1/2" M Adapter	2001-2	
1 1/2" FNPT x 2 1/8" M Adapter	2001-4	
2" FNPT x 2 1/2" M Adapter	2001-5	2101-5
3" FNPT x 3 5/8" M Adapter	2001-7	2101-7
6" FNPT x 6 7/8" M Adapter	2001-9	



2001



2101

2002 • 2102

Type B Couplers Female Coupler x Male NPT

Size	Aluminum Part No.	Polypropylene Part No.
1 1/2" F Coupler x 1" MNPT		2102-2
2 1/8" F Coupler x 1 1/2" MNPT	2002-4	2102-4
2 1/2" F Coupler x 2" MNPT	2002-5	2102-5
3 5/8" F Coupler x 3" MNPT	2002-7	2102-7
6 7/8" F Coupler x 6" MNPT	2002-9	



2002

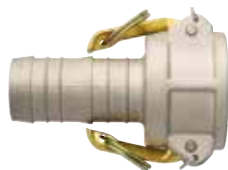


2102

2003 • 2103

Type C Couplers Female Coupler x Male Hose Barb

Size	Aluminum Part No.	Polypropylene Part No.
1 1/4" F Coupler x 3/4" Barb		2103-1
1 1/2" F Coupler x 1" Barb	2003-2	2103-2
2 1/8" F Coupler x 1 1/4" Barb	2003-3	
2 1/8" F Coupler x 1 1/2" Barb	2003-4	2103-4
2 1/2" F Coupler x 2" Barb	2003-5	2103-5
3 5/8" F Coupler x 3" Barb	2003-7	2103-7
4 3/4" F Coupler x 4" Barb	2003-8	



2003



2103

2004 • 2104

Type D Couplers Female Coupler x Female NPT

Size	Aluminum Part No.	Polypropylene Part No.
1 1/4" F Coupler x 3/4" FNPT	2004-1	
1 1/2" F Coupler x 1" FNPT	2004-2	
2 1/8" F Coupler x 1 1/4" FNPT	2004-3	
2 1/8" F Coupler x 1 1/2" FNPT	2004-4	2104-4
2 1/2" F Coupler x 2" FNPT		2104-5
3 5/8" F Coupler x 3" FNPT	2004-7	2104-7
4 3/4" F Coupler x 4" FNPT	2004-8	
6 7/8" F Coupler x 6" FNPT	2004-9	



2004



2104

2005 • 2105

Type E Adapters
 Male Adapter x Male Hose Barb

Size	Aluminum Part No.	Polypropylene Part No.
1 1/4" M Adapter x 3/4" Barb		2105-1
1 1/2" M Adapter x 1" Barb		2105-2
2 1/2" M Adapter x 2" Barb	2005-5	2105-5
3 5/8" M Adapter x 3" Barb	2005-7	
4 3/4" M Adapter x 4" Barb	2005-8	



2005

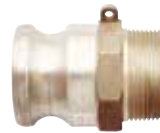


2105

2006 • 2106

Type F Adapters
 Male Adapter x Male NPT

Size	Aluminum Part No.	Polypropylene Part No.
1 1/2" M Adapter x 1" MNPT	2006-2	
2 1/8" M Adapter x 1 1/4" MNPT	2006-3	
2 1/8" M Adapter x 1 1/2" MNPT	2006-4	2106-4
2 1/2" M Adapter x 2" MNPT	2006-5	2106-5
3 5/8" M Adapter x 3" MNPT	2006-7	
4 3/4" M Adapter x 4" MNPT	2006-8	
6 7/8" M Adapter x 6" MNPT	2006-9	



2006



2106

CAM & GROOVE DUST CAPS & PLUGS

2007 • 2107

Type DC Dust Caps

Size	Aluminum Part No.	Polypropylene Part No.
1 1/2"	2007-4	
2"	2007-5	2107-5
3"	2007-7	
6"	2007-9	



2007



2107

2008 • 2108

Type DP Dust Plugs

Size	Aluminum Part No.	Polypropylene Part No.
1 1/2"		2108-4
2"	2008-5	



2008



2108

CAM & GROOVE COUPLING REPAIR PARTS
 ALUMINUM & POLYPROPYLENE

2009

Camlock Washers


2009

Size	Polypropylene Part No.
2"	2009-5
3"	2009-7

2010

Camlock Handles


2010

Size	Aluminum Part No.
1 1/2"	2010-4

PUSH-TO-CONNECT NYLON TUBE FITTINGS

- Easy push-in/one touch mechanism - no gluing!
- Allow for maximum air flow and faster connection than standard compression fittings
- Tee and elbow fittings pivot 360° for installation ease
- For use with Milton® "PUVEX", nylon, polyurethane or low and high density polyethylene tubing
- Push to connect fitting with 5/16" tube OD also fits 8 mm metric tube OD

Material	Max. Temperature at Installation	Max. Working Pressure	Seals
Nylon	32°F to 140°F	150 PSI	Buna-N



2200 • 2202 • 2204

Male Connector

Boxed Part No.	Retail Part No.	Per Card	Tube OD	NPT
2200-1			1/4"	10"-32
2200-2				1/8"
2200-3				1/4"
2200-4	s-2200-4	1		3/8"
2200-5			5/16"	1/8"
2200-6				1/4"
2200-8	s-2200-8	1	3/8"	1/8"
2200-9	s-2200-9	1		1/4"
2200-10	s-2200-10	1		3/8"
2200-11				1/2"
2200-12			1/2"	1/4"
2200-13				3/8"
2200-14				1/2"



2200

Male Swivel Elbow

Boxed Part No.	Retail Part No.	Per Card	Tube OD	NPT
2202-2			5/16"	1/8"
2202-3	s-2202-3	1		1/4"
2202-4	s-2202-4	1		3/8"
2202-5			3/8"	1/8"
2202-6				1/4"
2202-9			1/2"	1/4"
2202-10	s-2202-10	1		3/8"
2202-11	s-2202-11	1	1/2"	1/2"
2202-12				1/4"
2202-13				3/8"
2202-14				1/2"



2202

Male Swivel Branch Tee



2204

Boxed Part No.	Tube OD	NPT
2204-1	1/4"	1/8"
2204-2		1/4"
2204-7	3/8"	1/4"
2204-11	1/2"	3/8"
2204-12		1/2"

2205 • 2206

Male Swivel Run Tee



2205

Boxed Part No.	Tube OD	NPT
2205-1	1/4"	1/8"
2205-2		1/4"

Male Swivel "Y" Connector



2206

Boxed Part No.	Tube OD	NPT
2206-1	1/4"	1/8"
2206-2		1/4"
2206-7	3/8"	1/4"

2207 • 2209

Straight Union



2207

Boxed Part No.	Retail Part No.	Per Card	Tube OD
2207-1	s-2207-1	1	1/4"
2207-2			5/16"
2207-3	s-2207-3	1	3/8"
2207-4			1/2"

Elbow Union



2209

Boxed Part No.	Retail Part No.	Per Card	Tube OD
2209-1	s-2209-1	1	1/4"
2209-2			5/16"
2209-3	s-2209-3	1	3/8"
2209-4			1/2"

2210 • 2211

"Tee" Union



2210

Boxed Part No.	Retail Part No.	Per Card	Tube OD
2210-1	s-2210-1	1	1/4"
2210-2			5/16"
2210-3			3/8"
2210-4			1/2"

"Y" Union



2211

Boxed Part No.	Tube OD
2211-1	1/4"

2212 • 2213 • 2214

Straight Union - Speed/Flow Control



2212

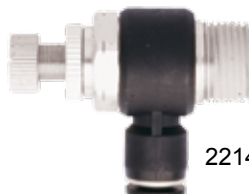
Boxed Part No.	Tube OD
2212-1	1/4"
2212-3	3/8"

Flow Control



2213

Meter-In Part No.	Meter-Out Part No.	Tube OD	NPT
2213-1	2214-1	1/4"	1/8"
	2214-2		1/4"
	2214-6	3/8"	1/4"
	2214-7		3/8"



2214

CAM & GROOVE
2000/2100 SERIESPUSH-TO-CONNECT
2200 SERIESHOSE REELS
2700 SERIESTHE BRAKE RELEASE®
2800 SERIESGREASE GUNS
3100/3200 SERIES

STAINLESS STEEL HOSE REELS

NEW

10 YEAR
WARRANTY

2750-12SS

Stainless Steel Hose Reel (No Hose)

- Food grade SS304 reel material
- Multi-positional guide arm
- Swivel inlet
- Sturdy base plate for secure mounting
- 4-way roller assembly
- Heavy gauge stainless steel

Part No.	Description
2750-12SS	Stainless Steel Hose Reel w/ 1/2" fittings (No Hose)



2750-12SS

NEW

2751-2514SS • 2752-2514SS
 2752-2538SS • 2753-2538SS
 2753-2512SS • 2751-3514SS
 2752-3514SS • 2752-3538SS
 2753-3538SS • 2753-3512SS
 2751-5014SS • 2752-5014SS
 2752-5038SS • 2753-5038SS
 2753-5012SS

Stainless Steel Hose Reel w/ Pre-Installed ULR Hose

10 YEAR WARRANTY



2756-5012SS

SS Hose Reel w/ 25-Ft Ultra Lightweight Rubber Air Hose (Pre-Installed)

Part No.	Hose ID	Fittings NPT	Max Pressure
2751-2514SS	1/4"	1/4"	300 PSI
2752-2514SS	3/8"	1/4"	
2752-2538SS		3/8"	
2753-2538SS	1/2"	3/8"	
2753-2512SS		1/2"	

SS Hose Reel w/ 35-Ft Ultra Lightweight Rubber Air Hose (Pre-Installed)

Part No.	Hose ID	Fittings NPT	Max Pressure
2751-3514SS	1/4"	1/4"	300 PSI
2752-3514SS	3/8"	1/4"	
2752-3538SS		3/8"	
2753-3538SS	1/2"	3/8"	
2753-3512SS		1/2"	

SS Hose Reel w/ 50-Ft Ultra Lightweight Rubber Air Hose (Pre-Installed)

Part No.	Hose ID	Fittings NPT	Max Pressure
2751-5014SS	1/4"	1/4"	300 PSI
2752-5014SS	3/8"	1/4"	
2752-5038SS		3/8"	
2753-5038SS	1/2"	3/8"	
2753-5012SS		1/2"	

Stainless Steel Hose Reel w/ Pre-Installed EPDM Hose

10 YEAR WARRANTY

2754-2514SS • 2755-2514SS
 2755-2538SS • 2756-2538SS
 2756-2512SS • 2754-3514SS
 2755-3514SS • 2755-3538SS
 2756-3538SS • 2756-3512SS
 2754-5014SS • 2755-5014SS
 2755-5038SS • 2756-5038SS
 2756-5012SS

SS Hose Reel w/ 25-Ft EPDM Air Hose (Pre-Installed)

Part No.	Hose ID	Fittings NPT	Max Pressure
2754-2514SS	1/4"	1/4"	250 PSI
2755-2514SS	3/8"	1/4"	
2755-2538SS		3/8"	
2756-2538SS	1/2"	3/8"	
2756-2512SS		1/2"	

SS Hose Reel w/ 35-Ft EPDM Air Hose (Pre-Installed)

Part No.	Hose ID	Fittings NPT	Max Pressure
2754-3514SS	1/4"	1/4"	250 PSI
2755-3514SS	3/8"	1/4"	
2755-3538SS		3/8"	
2756-3538SS	1/2"	3/8"	
2756-3512SS		1/2"	

SS Hose Reel w/ 50-Ft EPDM Air Hose (Pre-Installed)

Part No.	Hose ID	Fittings NPT	Max Pressure
2754-5014SS	1/4"	1/4"	250 PSI
2755-5014SS	3/8"	1/4"	
2755-5038SS		3/8"	
2756-5038SS	1/2"	3/8"	
2756-5012SS		1/2"	



2756-5012SS

2770-50D • 2790-50D



2770-50D

INDUSTRIAL GRADE AUTO-RETRACTING DUAL-ARM HOSE REELS

- Extra heavy duty 18 gauge powder coated steel for extra durability. Super-strong upgraded base
- Industrial grade spring mechanism
- Adjustable guide arms
- Premium, ultra light, flexible EPDM rubber hose for industrial applications
- Hose flexibility temperature range: -50°F to 190°F (-45°C to 88°C)
- Oil, UV and ozone resistant hose
- Wall, ceiling and floor mountable
- Includes reducer bushing for added user flexibility

**3 YEAR
LIMITED
WARRANTY**

Boxed Part No.	Hose ID	Hose Length	Reducer Bushing		Max Pressure
			In	Out	
2770-50D	3/8"	50'	3/8"	1/4"	300 PSI
2790-50D	1/2"		1/2"	3/8"	



2790-50D

2770-SWIV



2770-SWIV

140° Swivel Industrial Hose Reel Base

- Can only be used in conjunction with Industrial Grade Hose Reels
- Heavy-Duty, 18-gauge steel construction
- Mounts between hose reel and mounting surface
- Allows hose reel to freely move side to side with 140° range of motion, reducing side load stress on rollers

Part No.	Description
2770-SWIV	140° Swivel Hose Reel Base

P2771 • P2791



P2771
P2791

Replacement Industrial Hose Reel Ball Stops

Part No.	Hose ID	For Hose Reel
P2771	3/8"	2770-50D
P2791	1/2"	2790-50D

2760-50D • 2780-50D



2760-50D

DUAL ARM AUTO-RETRACTING
AIR HOSE REELS

- Rugged dual-arm construction
- Keeps excess hose safely out of walkways, and neatly organizes hose in shops and garages
- High quality EPDM rubber hose
- 300 PSI maximum working pressure

**2 YEAR
LIMITED
WARRANTY**

Retail Part No.	Hose ID	Hose Length	Hose Inlet (F)	Hose Outlet (M)	Maximum Air Flow
2760-50D	3/8"	50'	1/4" NPT	1/4" NPT	25 SCFM
2780-50D	1/2"	50'	1/2" NPT	1/2" NPT	50 SCFM



2780-50D

2760-50D • 2780-50D

P2761
P2781

Replacement Hose Reel Ball Stops

- Replacement ball stops for dual-arm auto-retracting air hose reels (2760-50D & 2780-50D)

Part No.	Hose ID	For Hose Reel
P2761	3/8"	2760-50D
P2781	1/2"	2780-50D

2760-3LH • 2760-6LH
2770-3LH • 2770-6LH
2780-3LH • 2780-6LH

2760-6LH

HOSE REEL LEADER HOSES

- Main purpose: to connect hose reel to air supply line
- Available in 3 and 6 foot lengths

Part No.	Hose ID	Hose Length	NPT	Fits Models
2760-3LH	3/8"	3'	1/4"	2760-50D
2760-6LH		6'		
2770-3LH	3/8"	3'	3/8"	2770-50D
2770-6LH		6'		
2780-3LH	1/2"	3'	1/2"	2780-50D & 2790-50D
2780-6LH		6'		

The Brake Releaser®

RELEASE FROZEN TRAILER BRAKES IN MINUTES...NOT HOURS!

The safe & easy way to release frozen air brake lines

The Brake Releaser® by Milton® is designed to dissolve ice crystals in air brake lines

It can be used to release already frozen brakes and can pre-treat trailers to reduce the risk of frozen air brake lines

Great for use with semi-trailers, flatbeds, or any other trailers with an air brake system



THE BRAKE RELEASER® KITS

2800S-KIT



2800S-KIT

The Brake Releaser® Standard Kit

Part No.	2800S-KIT
Qty	Description
1	THE BRAKE RELEASER® Unit
1	45° Outlet
1	Straight Outlet
1	Instruction Manual



2810A-KIT



2810A-KIT

The Brake Releaser® Kit w/ Accessories

Part No.	2810A-KIT
Qty	Description
1	THE BRAKE RELEASER® Unit
1	45° Outlet
1	Straight Outlet
1	Instruction Manual
1	Safety Glasses
1	Safety Gloves
1	Carrying Bag

**SCAN HERE
FOR
PRODUCT DEMO**



Air Brake Service Kit**SAFELY SERVICE TRUCK
AIR BRAKE SYSTEMS****2800MILKIT****AIR BRAKE SERVICE KIT**

- Connect to shop air source via quick connect coupling
- Reduces service calls
- Easy to pre-treat brake lines
- Reduces risk of jackknifing
- Service trailer air brakes without tractor



2800MILKIT

The Brake Releaser® Air Brake Service Kit

Part No.	2800MILKIT
Qty	Description
1	THE BRAKE RELEASER® Unit w/ Straight Adapter
1	45° Outlet
1	Air Brake Servicing Tool
1	1/2" x 3 ft EPDM Rubber Air Supply Hose w/ 3/8" Female Plug
2	Lid Gaskets
1	Instruction Manual
1	Storage Case

CAM & GROOVE
2000/2100 SERIESPUSH-TO-CONNECT
2200/2300/2500 SERIESHOSE REELS
2700 SERIESTHE BRAKE RELEASER®
2800 SERIESGREASE GUNS
3100/3200 SERIES

GREASE GUNS

3100



s-3100

Lever Grease Gun

- Variable stroke - easier to pump grease in tight areas with shorter strokes
- Heavy duty gage lever handle with comfortable molded non-slip rubber grip
- For use with 14 oz grease cartridges, bulk fill and filler pump
- Includes one 6" bent steel extension and coupler
- Grease not included

Retail Part No.	Per Card	Max Pressure	Extension Length	Grease Cartridges	Bulk Fill	Filter Pump
s-3100	1	1,000 PSI	6" Angled	14 oz	YES	YES

3101



s-3101

Pistol Grease Gun

- Adjustable stroke for use both as a high-volume and high-pressure grease gun
- For use with 14 oz grease cartridges, bulk fill and filler pump
- Includes one 18" flexible hose extension and coupler
- Grease not included

Retail Part No.	Per Card	Max Pressure	Extension Length	Grease Cartridges	Bulk Fill	Filter Pump
s-3101	1	7,000 PSI	18" Flexible	14 oz	YES	YES

3102



s-3102

Mini Pistol Grease Gun

- Dual front and top discharge ports for accessing grease fittings located almost anywhere
- One-hand operation
- For use with 3 oz grease cartridge
- Includes one 4" straight steel extension and coupler
- Grease not included

Retail Part No.	Per Card	Max Pressure	Extension Length	Grease Cartridges	Bulk Fill	Filter Pump
s-3102	1	3,500 PSI	4" Straight	3 oz	No	No

MERCHANDISER PROGRAM

s-Milton2X4

2' X 4' Small Overall Product Assortment Merchandiser

- Each merchandiser comes complete with product assortment, re-order cards, logoed pegboard overlay, product catalog & instructions
- Product peg hooks not included



Part No.	Description	Qty	Part No.	Description	Qty
EX25PB40A-02P	EXELAIR® 1/4" NPT Mini Poly Bowl Piggyback Filter-Regulator	1	s-699	1/4" NPT Female Single Ball Head Air Chuck	4
s-115	M-Style® Adjustable Pocket Blo-Gun	2	s-711	1/4" NPT M-Style® Female Coupler & Male Plug Set	3
s-153	Straight Rubber Tip Lever Blo-Gun	2	s-715	1/4" NPT M-Style® Female Brass Coupler	4
s-154	45° Rubber Tip Lever Blo-Gun for Automatic Transmissions	2	s-715-4	4-pc 1/4" NPT M-Style® Female Brass Coupler	2
s-160X5P	X5 Air Multiplier™ Blo-Gun Nozzle	2	s-716	1/4" NPT M-Style® Male Brass Coupler	4
s-174KIT	Pistol Grip Blo-Gun Kit w/ 3-pc Universal Tip System	2	s-718	3/8" NPT M-Style® Female Brass Coupler	2
s-211	5-pc M-Style® Coupler & Plug Kit	2	s-727	2-pc 1/4" NPT M-Style® Male Steel Plugs	4
s-220	16-pc Compressor Accessory Starter Kit	2	s-727-5	5-pc 1/4" NPT M-Style® Male Steel Plugs	2
s-506	Window Tire Inflator Gage w/ Dual Head Air Chuck	2	s-728	2-pc 1/4" NPT M-Style® Female Steel Plugs	4
s-600	2-pc 1/4" NPT x 1/4" ID Male Brass Hose Ends	3	s-733	2-pc 3/8" NPT M-Style® Male Steel Plugs	2
s-603	2-pc 3/8" NPT x 3/8" ID Male Brass Hose Ends	3	s-775	1/4" NPT A-Style Female Coupler	4
s-640	2-pc 1/4" ID x 1/4" ID Brass Hose Barb Menders	3	s-777	2-pc 1/4" NPT A-Style Male Steel Plugs	4
s-642	2-pc 1/4" ID x 3/8" ID Brass Hose Barb Menders	3	s-778	2-pc 1/4" NPT A-Style Female Steel Plugs	4
s-643	2-pc 1/4" NPT x 1/4" NPT Female Brass Hex Couplings	3	s-783	2-pc 1/4" NPT T-Style Male Steel Plugs	3
s-646	2-pc 1/4" NPT x 1/4" NPT Male Brass Hex Nipples	3	s-784	2-pc 1/4" NPT T-Style Female Steel Plugs	3
s-646-1	2-pc 1/4" NPT x 3/8" NPT Male Brass Hex Nipples	3	s-785	1/4" NPT T-Style Female Coupler	3
s-647	2-pc 3/8" NPT x 3/8" NPT Male Brass Hex Nipples	3	s-786	1/4" NPT T-Style Female Brass Coupler	3
s-648	2-pc 1/4" NPT x 1/4" NPS Male Ball Socket Brass Hex Nipples	3	s-927	20-120 PSI Dual Head Truck Pencil Tire Pressure Gage	2
s-651	2-pc 3/8" ID x 1/4" NPT Brass Reducer Bushings	2	s-976	10-160 PSI Dual Head Service Pressure Gage	2
s-652	2-pc 1/2" ID x 3/8" NPT Brass Reducer Bushings	2	s-1750	1/4" NPT 5-in-ONE® Female Safety Exhaust Coupler	3
s-652-8	3/4" ID x 1/2" NPT Brass Reducer Bushings	2	s-1815	1/2" NPT G-Style Female Steel Coupler	2
s-657	1/4" NPT Air Hose Swivel Connector	1	s-1817	1/2" NPT G-Style Male Steel Plug	2
s-685-6	3/8" NPT Aluminum Air Manifold w/ Three 1/4" Outlet Ports	1	s-1835	3/8" NPT H-Style Female Steel Coupler	2
s-690	1/4" NPT Dual Head Extended Reach Air Chuck	3	s-1837	2-pc 3/8" NPT H-Style Male Steel Plugs	2
s-693	1/4" NPT Dual Head Straight Foot Extended Reach Air Chuck	3	s-99681-4	1/4" NPT Male x M-Style® Plug Variable Angle Swivel Fittings	2
s-698	1/4" NPT Female Single Head Air Chuck w/ Grip Chuck	2			

MERCHANDISERS

MERCHANDISER PROGRAM (cont)

s-Milton4X4

4' X 4' Large Overall Product Assortment Merchandiser



Part No.	Description	Qty	Part No.	Description	Qty
158	2 foot Extended Reach Lever Blo-Gun w/ Safety & Rubber Tips	2	s-699	1/4" NPT Female Single Ball Head Air Chuck	2
s-115	M-Style® Adjustable Pocket Blo-Gun	2	s-711	1/4" NPT M-Style® Female Coupler & Male Plug Set	3
s-116	A-Style Adjustable Pocket Blo-Gun	2	s-715	1/4" NPT M-Style® Female Brass Coupler	4
s-153	Straight Rubber Tip Lever Blo-Gun	2	s-716	1/4" NPT M-Style® Male Brass Coupler	3
s-154	45° Rubber Tip Lever Blo-Gun for Automatic Transmissions	2	s-727	2-pc 1/4" NPT M-Style® Male Steel Plugs	4
s-157	Siphon Spray Blo-Gun Kit	2	s-728	2-pc 1/4" NPT M-Style® Female Steel Plugs	4
s-174KIT	Pistol Grip Blo-Gun Kit w/ 3-pc Universal Tip System	2	s-760-1	2-pc 1/4" NPT HighFlowPRO® V-Style Steel Plugs	2
s-194KIT	PRO SERIES Pistol Grip Blo-Gun Kit w/ 3-pc Universal Tip System	2	s-764	1/4" NPT HighFlowPRO® V-Style Female Brass Coupler	2
s-211	5-pc M-Style® Coupler & Plug Kit	2	s-775	1/4" NPT A-Style Female Coupler	3
s-213	5-pc A-Style Coupler & Plug Kit	2	s-777	2-pc 1/4" NPT A-Style Male Steel Plugs	3
s-220	16-pc Compressor Accessory Starter Kit	2	s-778	2-pc 1/4" NPT A-Style Female Steel Plugs	3
s-400-6	2-pc Saf-T-Plate Valve Extensions	2	s-783	2-pc 1/4" NPT T-Style Male Steel Plugs	3
s-404	5-pc Nickel Plated Valve Cores	3	s-785	1/4" NPT T-Style Female Coupler	3
s-435	4-pc Chrome Plated Hex Head Hi-Performance Valve Caps	3	s-786	1/4" NPT T-Style Female Brass Coupler	3
s-444	2-in-1 Valve Core Tool	3	s-921	5-50 PSI Passenger Car Pencil Tire Pressure Gage	3
s-448	Tire Tread Depth Gage	3	s-925	20-120 PSI Truck/RV/Bicycle Pencil Tire Pressure Gage	3
s-449	Valve Insertion Tool	3	s-927	20-120 PSI Dual Head Truck Pencil Tire Pressure Gage	3
s-506	Window Tire Inflator Gage w/ Dual Head Air Chuck	2	s-976	10-160 PSI Dual Head Service Pressure Gage	2
s-516	Window Tire Inflator Gage w/ Dual Head Straight Foot Air Chuck	2	976BLK	10-160 PSI Dual Head Black Poly Service Pressure Gage	2
s-568	Digital Pistol Grip Inflator Gage w/ Euro Air Chuck	2	s-986	10-160 PSI Dual Head Straight Foot Service Pressure Gage	2
s-600	2-pc 1/4" NPT x 1/4" ID Male Brass Hose Ends	3	986BLK	10-160 PSI Dual Head Straight Foot Black Poly Service Pressure Gage	2
s-602	2-pc 1/4" NPT x 3/8" ID Male Brass Hose Ends	3	s-1142	1/4" NPT Piggyback Mini Filter-Regulator	1
s-614-4	2-pc 1/4" NPT Male Drain Cocks	3	s-1145	1/4" NPT Mini Heavy-Duty Regulator	1
s-640	2-pc 1/4" ID x 1/4" ID Brass Hose Barb Menders	3	1669	1/4" x 25' Nylon Re-Koil Air Hose	2
s-641	2-pc 1/4" ID x 5/16" ID Brass Hose Barb Menders	3	s-1750	1/4" NPT 5-in-ONE® Female Safety Exhaust Coupler	3
s-642	2-pc 1/4" ID x 3/8" ID Brass Hose Barb Menders	3	s-1758	3/8" NPT Female Safety Exhaust Coupler	2
s-657	1/4" NPT Air Hose Swivel Connector	3	s-1773	1/2" NPT Female Safety Exhaust Coupler	2
s-684	2-pc 1/8" NPT Male Air Compressor Tank Valves	3	s-1805	3/8" NPT P-Style Female Steel Coupler	2
s-690	1/4" NPT Dual Head Extended Reach Air Chuck	2	s-1807	2-pc 3/8" NPT P-Style Male Steel Plugs	2
s-693	1/4" NPT Dual Head Straight Foot Extended Reach Air Chuck	2	s-1815	1/2" NPT G-Style Female Steel Coupler	2
693BLK	1/4" NPT Black Poly Coated Dual Head Straight Foot Air Chuck	2	s-1817	1/2" NPT G-Style Male Steel Plug	2
s-693-12	12 3/4" Extended Reach Dual Head Straight Foot Air Chuck	2	s-99705	1/4" NPT M-Style® Female Push Button Safety Coupler	2
s-698	1/4" NPT Female Single Head Air Chuck w/ Grip Chuck	2			

ZEE LINE

by **MILTON**®

FLUID MANAGEMENT EQUIPMENT



OIL EQUIPMENT PACKAGES

PISTON PUMPS

NEW
ZE1700


ZE1700

3:1 Pneumatic Standard Flow Rate Stub Style Piston Pump

These pumps are designed to fit 16-gallon, 55-gallon and 275-gallon containers when used with the appropriate suction down tube and foot valve. They are designed to be used with motor oil, transmission fluid, hydraulic oil and more!

Part No. (Air Ratio)	ZE1700 (3:1)
Max. Delivery	3.9 GPM
Max. Fluid Viscosity	130 SAE
Max. Fluid PSI	330 PSI
Max. Air PSI	116 PSI
Air Consumption	11.65 CFM @ 100 PSI
Air Inlet Size	1/4" NPT
Fluid Inlet Size	3/4" NPT
Fluid Outlet Size	3/4" NPT w/ 1/2" NPT Adapter
Bung Hole Size	2" bung adapter

Available Pickup Tubes

For 16-Gallon Drums	ZE15220
For 55-Gallon Drums	ZE15223
For 275-gallon IBC Totes	ZE15225

Air Ratio

The Air Ratio describes the amount of work an air operated oil pump is able to do. To figure the output PSI, you multiply the first number of the ratio by the air pressure being fed into the pump. For example, if the air pressure going into a 3:1 pump is 100 PSI, then the output pressure will be 300 PSI

Air Ratio	Max. Delivery Distance
1:1	25 ft
3:1	50 ft
5:1	150 ft

OIL EQUIPMENT PACKAGES

PISTON PUMPS (CONT)

NEW

ZE1700K



ZE1700K

3:1 Pneumatic Standard Flow Rate Stub Style Piston Pump w/ FRL

Kit includes the ZE1700 pneumatic standard flow rate pump, plus comes with an filter/regulator/lubricator kit for added air control, safety and performance

Part No. (Air Ratio)	ZE1700K (3:1)
Pneumatic Pump	ZE1700
Max. Delivery	3.9 GPM
Max. Fluid Viscosity	130 SAE
Max. Fluid PSI	330 PSI
Max. Air PSI	116 PSI
Air Consumption	11.65 CFM @ 100 PSI
Air Inlet Size	1/4" NPT
Fluid Inlet Size	3/4" NPT
Fluid Outlet Size	3/4" NPT w/ 1/2" NPT Adapter
Filter/Regulator/Lubricator	s-1140

ZEPKG-B1

NEW

3:1 Pneumatic Standard Flow Rate Stub Style Piston Pump Kit w/ FRL, Digital Dispensing Nozzle & 50 Ft. Reel

Kit includes the ZE1700 pneumatic standard flow rate pump, plus comes with an filter/regulator/lubricator kit, digital dispensing nozzle, pickup tube for 55-gallon drum, 6-foot oil hose & 50-ft oil hose reel



ZEPKG-B1

Part No. (Air Ratio)	ZEPKG-B1 (3:1)
Pneumatic Pump	ZE1700
Filter/Regulator/Lubricator	s-1140
Digital Non-Preset Dispensing Nozzle	ZE2503
Pickup Tube for 55-Gallon Drum	ZE15223
6-ft Oil Connection Hose	ZE2206
50-ft Oil Hose Reel	ZE1250OR

OIL EQUIPMENT PACKAGES

PISTON PUMPS (CONT)

Pump not suitable for
water based fluids

ZE1701

3:1 Pneumatic High Flow Rate Stub Style Piston Pump

NEW

These pumps are designed to fit 16-gallon, 55-gallon and 275-gallon containers or wall mounted when used with the appropriate suction down tube and foot valve. They are designed to be used with motor oil, transmission fluid, hydraulic oil and more!



ZE1701

Part No. (Air Ratio)	ZE1701 (3:1)
Max. Delivery	5.8 GPM
Max. Fluid Viscosity	130 SAE
Max. Fluid PSI	435 PSI
Max. Air PSI	116 PSI
Air Consumption	17.02 CFM @ 100 PSI
Air Inlet Size	1/4" NPT
Fluid Inlet Size	3/4" NPT
Fluid Outlet Size	3/4" NPT with 1/2" NPT Adapter
Bung Hole Size	2" bung adapter

Available Pickup Tubes

For 16-Gallon Drums	ZE15220
For 55-Gallon Drums	ZE15223
For 275-gallon IBC Totes	ZE15225

Air Ratio

The Air Ratio describes the amount of work an air operated oil pump is able to do. To figure the output PSI, you multiply the first number of the ratio by the air pressure being fed into the pump. For example, if the air pressure going into a 3:1 pump is 100 PSI, then the output pressure will be 300 PSI

Air Ratio	Max. Delivery Distance
1:1	25 ft
3:1	50 ft
5:1	150 ft

OIL EQUIPMENT PACKAGES

PISTON PUMPS (CONT)

OIL

ZE1701K

3:1 Pneumatic High Flow Rate Stub Style Piston Pump w/ FRL

NEW

Kit includes the ZE1700 pneumatic high flow rate pump, plus comes with an filter/regulator/lubricator kit for added air control, safety and performance



ZE1701K

Part No. (Air Ratio)	ZE1701K (3:1)
Pneumatic Pump	ZE1701
Max. Delivery	5.8 GPM
Max. Fluid Viscosity	130 SAE
Max. Fluid PSI	330 PSI
Max. Air PSI	116 PSI
Air Consumption	11.65 CFM @ 100 PSI
Air Inlet Size	1/4" NPT
Fluid Inlet Size	3/4" NPT
Fluid Outlet Size	3/4" NPT w/ 1/2" NPT Adapter
Filter/Regulator/Lubricator	s-1140

ZEPKG-HFB1

3:1 Pneumatic High Flow Rate Stub Style Piston Pump Kit w/ FRL, Digital Dispensing Nozzle & 50 Ft. Reel

NEW

Kit includes the ZE1701 pneumatic high flow rate pump, plus comes with an filter/regulator/lubricator kit, digital dispensing nozzle, pickup tube for 55-gallon drum, 6-foot oil hose & 50-ft oil hose reel



ZEPKG-HFB1

Part No. (Air Ratio)	ZEPKG-HFB1 (3:1)
Pneumatic Pump	ZE1701
Filter/Regulator/Lubricator	s-1140
Digital Non-Preset Dispensing Nozzle	ZE2503
Pickup Tube for 55-Gallon Drum	ZE15223
6-ft Oil Connection Hose	ZE2206
50-ft Oil Hose Reel	ZE12500R

OIL EQUIPMENT PACKAGES

PISTON PUMPS (CONT)

ZE1702



ZE1702

3:1 Pneumatic High Flow Rate Piston Pump for 55-Gallon Drum

NEW

These pumps are designed to fit a 55-gallon drum and made to work without a suction tube. They are designed to be used with low, medium and high viscosity oils such as motor oil, transmission fluids, hydraulic oil, and more!

Part No. (Air Ratio)	ZE1702 (3:1)
Max. Delivery	3.9 GPM
Max. Fluid Viscosity	130 SAE
Max. Fluid PSI	435 PSI
Max. Air PSI	116 PSI
Air Consumption	17.02 CFM @ 100 PSI
Air Inlet Size	1/4" NPT
Fluid Inlet Size	3/4" NPT
Fluid Outlet Size	3/4" NPT with 1/2" NPT Adapter
Bung Hole Size	2" bung adapter

Available Pickup Tubes

For 16-Gallon Drums	ZE15220
For 55-Gallon Drums	ZE15223
For 275-gallon IBC Totes	ZE15225

ZE1702K



ZE1702K

3:1 Pneumatic High Flow Rate Piston Pump w/ FRL for 55-Gallon Drum

Kit includes the ZE1702 pneumatic high flow rate pump, plus comes with an filter/regulator/lubricator kit for added air control, safety and performance

NEW

Part No. (Air Ratio)	ZE1702K (3:1)
Pneumatic Pump	ZE1702
Max. Delivery	3.9 GPM
Max. Fluid Viscosity	130 SAE
Max. Fluid PSI	435 PSI
Max. Air PSI	116 PSI
Air Consumption	11.65 CFM @ 100 PSI
Air Inlet Size	1/4" NPT
Fluid Inlet Size	3/4" NPT
Fluid Outlet Size	3/4" NPT w/ 1/2" NPT Adapter
Filter/Regulator/Lubricator	s-1140

OIL EQUIPMENT PACKAGES

PISTON PUMPS (CONT)

ZEPKG551



ZEPKG551

3:1 Pneumatic High Flow Rate Piston Pump Package w/ FRL, Digital Dispensing Nozzle, 30 Ft. Reel & Cart

Package includes the ZE1702 pneumatic high flow rate pump, plus comes with an filter/regulator/lubricator kit, digital dispensing nozzle, 6-foot oil connection hose & 30-ft oil hose reel

Part No. (Air Ratio)	ZEPKG551 (3:1)
Pneumatic Pump	ZE1702
Filter/Regulator/Lubricator	s-1140
Digital Non-Preset Dispensing Nozzle	ZE2503
6-ft Oil Connection Hose	ZE2206
30-ft Oil Hose Reel	ZE1230OR
Drum Cart	ZE148

NEW

ZEPKGB551



ZEPKGB551

3:1 Pneumatic High Flow Rate Piston Pump Package w/ FRL, Digital Dispensing Nozzle & Cart

Package includes the ZE1702 pneumatic high flow rate pump, plus comes with an filter/regulator/lubricator kit, digital dispensing nozzle, & 6-foot oil connection hose

Part No. (Air Ratio)	ZEPKGB551 (3:1)
Pneumatic Pump	ZE1702
Filter/Regulator/Lubricator	s-1140
Digital Non-Preset Dispensing Nozzle	ZE2503
6-ft Oil Connection Hose	ZE2206
Drum Cart	ZE148

NEW

OIL EQUIPMENT PACKAGES

PISTON PUMPS (CONT)

ZE1730



ZE1730

5:1 Pneumatic Standard Flow Rate Stub Style Piston Pump

NEW

These pumps are designed to fit 16-gallon and 55-gallon drums, and 275-gallon IBC totes and made to work with the appropriate pickup tube. They are designed to be used with low, medium and high viscosity oils such as motor oil, transmission fluids, hydraulic oil, and more!

Part No. (Air Ratio)	ZE1730 (5:1)
Max. Delivery	3.2 GPM
Max. Fluid Viscosity	130 SAE
Max. Fluid PSI	435 PSI
Max. Air PSI	116 PSI
Air Consumption	29.06 CFM @ 100 PSI
Air Inlet Size	1/4" NPT
Fluid Inlet Size	3/4" NPT
Fluid Outlet Size	3/4" NPT with 1/2" NPT Adapter
Bung Hole Size	2" bung adapter

*Use a 5:1 ratio pump to lift fluid more than 20 feet

Available Pickup Tubes

For 16-Gallon Drums	ZE15220
For 55-Gallon Drums	ZE15223
For 275-gallon IBC Totes	ZE15225

ZE1730K



ZE1730K

5:1 Pneumatic Standard Flow Rate Stub Style Piston Pump w/ FRL

NEW

These pumps are designed to fit 16-gallon and 55-gallon drums, and 275-gallon IBC totes and made to work with the appropriate pickup tube. They are designed to be used with low, medium and high viscosity oils such as motor oil, transmission fluids, hydraulic oil, and more!

Part No. (Air Ratio)	ZE1730K (5:1)
Max. Delivery	3.2 GPM
Max. Fluid Viscosity	130 SAE
Max. Fluid PSI	435 PSI
Max. Air PSI	116 PSI
Air Consumption	29.06 CFM @ 100 PSI
Air Inlet Size	1/4" NPT
Fluid Inlet Size	3/4" NPT
Fluid Outlet Size	3/4" NPT with 1/2" NPT Adapter
Bung Hole Size	2" bung adapter
Filter/Regulator/Lubricator	s-1140

OIL EQUIPMENT PACKAGES

PISTON PUMPS (CONT)

OIL

ZE1731



ZE1731

5:1 Pneumatic High Flow Rate Stub Style Piston Pump

NEW

These pumps are designed to fit 16-gallon and 55-gallon drums, and 275-gallon IBC totes and made to work with the appropriate pickup tube. They are designed to be used with low, medium and high viscosity oils such as motor oil, transmission fluids, hydraulic oil, and more!

Part No. (Air Ratio)	ZE1731 (5:1)
Max. Delivery	4.7 GPM
Max. Fluid Viscosity	130 SAE
Max. Fluid PSI	435 PSI
Max. Air PSI	116 PSI
Air Consumption	29.06 CFM @ 100 PSI
Air Inlet Size	1/4" NPT
Fluid Inlet Size	3/4" NPT
Fluid Outlet Size	3/4" NPT with 1/2" NPT Adapter
Bung Hole Size	2" bung adapter

*Use a 5:1 ratio pump to lift fluid more than 20 feet

Available Pickup Tubes

For 16-Gallon Drums	ZE15220
For 55-Gallon Drums	ZE15223
For 275-gallon IBC Totes	ZE15225

ZE1731K



ZE1731K

5:1 Pneumatic High Flow Rate Stub Style Piston Pump w/ FRL

NEW

These pumps are designed to fit 16-gallon and 55-gallon drums, and 275-gallon IBC totes and made to work with the appropriate pickup tube. They are designed to be used with medium and high viscosity oils such as motor oil, transmission fluids, hydraulic oil, and more!

Part No. (Air Ratio)	ZE1731K (5:1)
Max. Delivery	4.7 GPM
Max. Fluid Viscosity	130 SAE
Max. Fluid PSI	435 PSI
Max. Air PSI	116 PSI
Air Consumption	29.06 CFM @ 100 PSI
Air Inlet Size	1/4" NPT
Fluid Inlet Size	3/4" NPT
Fluid Outlet Size	3/4" NPT with 1/2" NPT Adapter
Bung Hole Size	2" bung adapter
Filter/Regulator/Lubricator	s-1140

OIL EQUIPMENT PACKAGES

PISTON PUMPS (CONT)

ZE1746



ZE1746

5:1 Pneumatic High Flow Rate Piston Pump for 55-Gallon Drum

NEW

These pumps are designed to fit 16-gallon and 55-gallon drums, and 275-gallon IBC totes and made to work with the appropriate pickup tube. They are designed to be used with low, medium and high viscosity oils such as motor oil, transmission fluids, hydraulic oil, and more!

Part No. (Air Ratio)	ZE1746 (5:1)
Max. Delivery	3.1 GPM
Max. Fluid Viscosity	130 SAE
Max. Fluid PSI	435 PSI
Max. Air PSI	116 PSI
Air Consumption	29.06 CFM @ 100 PSI
Air Inlet Size	1/4" NPT
Fluid Inlet Size	3/4" NPT
Fluid Outlet Size	3/4" NPT with 1/2" NPT Adapter
Bung Hole Size	2" bung adapter

ZE1746K



ZE1746K

5:1 Pneumatic High Flow Rate Piston Pump w/ FRL for 55-Gallon Drum

NEW

These pumps are designed to fit 16-gallon and 55-gallon drums, and 275-gallon IBC totes and made to work with the appropriate pickup tube. They are designed to be used with low, medium and high viscosity oils such as motor oil, transmission fluids, hydraulic oil, and more!

Part No. (Air Ratio)	ZE1746K (5:1)
Max. Delivery	3.1 GPM
Max. Fluid Viscosity	130 SAE
Max. Fluid PSI	435 PSI
Max. Air PSI	116 PSI
Air Consumption	29.06 CFM @ 100 PSI
Air Inlet Size	1/4" NPT
Fluid Inlet Size	3/4" NPT
Fluid Outlet Size	3/4" NPT with 1/2" NPT Adapter
Bung Hole Size	2" bung adapter
Filter/Regulator/Lubricator	s-1140

OIL EQUIPMENT PACKAGES

OIL REELS & AC PUMP

ZE1230OR • ZE1250OR



ZE1230OR



ZE1250OR

Oil Hose Reels

- All steel construction
- Dual arm support
- Durable powder coated finish
- Max. pressure: 2500 PSI
- Inlet thread: 1/2" NPT (F)
- Outlet thread: 1/2" NPT (M)
- Compatible with all ZEELINE by Milton® oil pumps

NEW

Part No.	Length
ZE1230OR	30'
ZE1250OR	50'

ZE7050



33.5" to 49"

ZE7050



ZE7051

AC Power Operated Oil Pump

- AC 110 volt electric oil pump
- Flow rate: 5 GPM
- Maximum viscosity: 30 wt
- Designed to fit 55-gallon drums up to 330-gallon totes
- Spout and non-drip tip for filling measures and containers easily and without making a mess
- Approximately 12" of clearance between the barrel and discharge spout
- Includes 20 volt DC power supply with 6 amp output (ZE7051)

12" clearance

Non-Drip Spout



Measure not included



AIR OPERATED OIL PUMPS

DOUBLE DIAPHRAGM PUMPS



**ZE1035 • ZE1040
ZE1040UL**

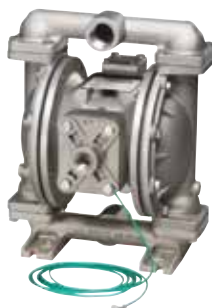
Double Diaphragm Pumps



ZE1035



ZE1040



ZE1040UL

Part No.	ZE1035	ZE1040	ZE1040UL
Inlet/Outlet	1/2" NPT	1" NPT	1" NPT
Max. Flow	14 GPM	37 GPM	45 GPM
Body Construction	Polypropylene	Alum / Polypro	Aluminum
Diaphragms	Buna N	Buna N	Buna N
Balls	PTFE	PTFE	Buna N
Seats	Polypropylene	Aluminum	PTFE
UL Listed	No	No	Yes
Air Consumption	16 CFM @ 100 PSI	40 CFM @ 80 PSI	25 CFM @ 50 PSI MAX PRESSURE 100 PSI 1/2" Air Inlet
Bolt Pattern	4.375" x 6.750"	4.250" x 8.250"	4.250" x 8.250"
Height	10.600"	14.125"	15.125"

All Air Operated Pumps feature a 2-Year Limited Warranty

Includes a grounding
cable and is recommended
for gasoline and diesel



**Pumps not suitable for
flammable liquids**

ZE1559A-ASSY



ZE1559A-ASSY

- Includes: 40-micron air line filter with nighttime drain, regulator, gauge, ball valve, and quick disconnect fittings
- Inlet/Outlet: 1/4" NPT (F)

ZE1559A2-ASSY



ZE1559A2-ASSY

Same as **ZE1559A-ASSY**, but also includes:

- 12" hose
- Mounting bracket
- 3/8" x 1/4" bushing
- 1" x 1/4" hex nipple

AIR OPERATED OIL PUMPS

AVAILABLE KITS AND ACCESSORIES



OIL

**ZE103501 • ZE104001
ZE1035K • ZE1035K2
ZE1040K**

Diaphragm Pumps w/ Suction Kits



ZE103501



ZE104001



ZE1035K / ZE1040K

Pump Kits & Contents

		  				
Part No.	Qty	ZE103501	ZE104001	ZE1035K	ZE1035K2	ZE1040K
Compatible Pump	-	ZE1035	ZE1040	ZE1035	ZE1035	ZE1040
Included Pump	1	None	None	ZE1035	ZE1035	ZE1040
Male Cam Lock	1	3/4" (ZE61961)	1" (ZE61962)	3/4" (ZE61961)	3/4" (ZE61961)	1" (ZE61962)
Female Cam Lock	1	3/4" (ZE61921)	1" (ZE61922)	3/4" (ZE61921)	3/4" (ZE61921)	1" (ZE61922)
Brass Ball Valve	3	3/4"	1"	3/4"	3/4"	1"
Hydraulic Adapter Swivel	2	1/2" x 3/4"	1" x 1"	1/2" x 3/4"	1/2" x 3/4"	1" x 1"
Galvanized Steel	1	3/4"	1"	3/4"	3/4"	1"
Suction Hose	1	3/4" x 8'	1" x 8'	3/4" x 8'	3/4" x 8'	1" x 8'
Discharge Hose	1	3/4" x 8'	1" x 8'	3/4" x 8'	3/4" x 8'	1" x 8'
Nipple	2	3/4" x 2"	1" x 2"	3/4" x 2"	3/4" x 2"	1" x 2"
Strainer	1	3/4"	1"	3/4"	3/4"	1"
Wall Mount Bracket (ZE96)	1	Yes	Yes	Yes	Yes	Yes
Airline Filter (ZE1559A2-ASSY)	1	Yes	Yes	Yes	Yes	Yes
Reducer Bushing (ZE1035RB)	1	No	Yes	No	Yes	Yes

ZE96



ZE96

Wall Mount Pump Bracket

- 6" wide x 11" deep
- Comes with mounting hardware for diaphragm pump

CONTROL HANDLES

OIL CONTROL VALVES



ZE2510 • ZE2511

Oil Control Valves



NEW

ZE2510



NEW

ZE2511

Part No.	ZE2510	ZE2511
Inlet/Outlet	1/2" NPT Thread	1/2" NPT Threads
Nozzle	Rigid w/ Automatic Non-Drip Tip	1/2" Flex Hose, Automatic Non-Drip Tip
Max. PSI	1000 PSI	1000 PSI
Max. Flow	10 GPM (35 LPM)	10 GPM (35 LPM)
Temp. Range	-14°F - 140° F (-10°C - 60°C)	-14°F - 140° F (-10°C - 60°C)
Inlet Swivel	1/2" NPT	1/2" NPT

METERED CONTROL HANDLES

NON-PRESET DISPENSING VALVES

OIL

ZE2502 • ZE2503

Non-Preset Digital Oil Control Valves



ZE2502



ZE2503

Part No.	ZE2502	ZE2503
Dispenses	Pints, Quarts, Liters, and Gallons	Pints, Quarts, Liters, and Gallons
Totalizes	Pints, Quarts, Liters, and Gallons	Pints, Quarts, Liters, and Gallons
Inlet/Outlet	1/2" NPT Threads	1/2" NPT Threads
Nozzle	1/2" Flex Hose, Automatic Non-Drip Tip	Rigid with Automatic Non-Drip Tip
Max. PSI	725 PSI	725 PSI
Max. Flow	10 GPM (35 LPM)	10 GPM (35 LPM)
Temp. Range	-14°F - 140° F (-10°C - 60°C)	-14°F - 140° F (-10°C - 60°C)
Accuracy	+/- 0.5%	+/- 0.5%
Batteries	3-Volt	3-Volt
Inlet Swivel	1/2" NPT	1/2" NPT
Safety Lock	Loop Trigger Hold	Loop Trigger Hold
Preset Mode	YES	YES

METERED CONTROL HANDLES

PRESET DISPENSING VALVES



Preset Dispensing Valve

A preset dispensing valve allows you to program the amount of fluid you want to dispense, setting it to where the meter will shut off once it has dispensed that amount

ZE2500 • ZE2501

Preset Oil Control Valves



Part No.	ZE2500	ZE2501
Dispenses	Pints, Quarts, Liters, and Gallons	Pints, Quarts, Liters, and Gallons
Totalizes	Pints, Quarts, Liters, and Gallons	Pints, Quarts, Liters, and Gallons
Inlet/Outlet	1/2" NPT Threads	1/2" NPT Threads
Nozzle	1/2" Flex Hose, Automatic Non-Drip Tip	Rigid w/ Automatic Non-Drip Tip
Max. PSI	1000 PSI	1000 PSI
Max. Flow	8 GPM	8 GPM
Accuracy	To Second Decimal	To Second Decimal
Batteries	(4) AA	(4) AA
Inlet Swivel	1/2" NPT (ZE64082-001)	1/2" NPT (ZE64082-001)
Safety Lock	Trigger Guard	Trigger Guard

TOTE MOUNTED EQUIPMENT

OIL

OIL

TOTE MOUNTING PLATE AND KITS

ZE6602

Universal Tote Mounting Plate

NEW

- Fits totes 39" to 41" wide; most 275 to 330-gallon totes
- Clamps to side rails of most shaped cages
- Steel construction with a scratch resistant powder coated finish
- 2" NPT threads for pump
- 2" filler neck with rubber cap
- Holes for mounting ZEELINE by Milton® reels
- Shipping weight: 24 lbs



ZE6602



Tote Not Included

OIL DISPENSERS

AND PORTABLE DISPENSING SYSTEMS

WASTE
OIL

OIL

ATF

GEAR
LUBE

GLYCOL

ZE60D



ZE60D

6-Gallon Portable Oil Dispenser

NEW

- 6-gallon wheel-mounted tank for stability and easy mobility
- 8-inch easy-fill funnel catches fluids and prevents drain debris from falling into the tank
- Can be used for oil, transmission, and antifreeze fluids
- Integrated level sight gauge for easy-to-read tank fluid levels
- Simple dispensing: Fill tank with compressed air to dispense fluids
- Includes pressure relief safety valve to prevent over-pressurization of tank, and downtube ball valve prevents surprise oil discharges
- 6-inch fixed wheels

ZE60OD and ZE21OD Features

- 6.5-ft delivery hose
- 8-inch diameter fill funnel
- Durable steel tank

ZE21OD



ZE21OD

21-Gallon Portable Oil Dispenser

NEW

- 21-gallon wheel-mounted tank for stability and easy mobility
- 8-inch easy-fill funnel catches fluids and prevents drain debris from falling into the tank
- Can be used for oil, transmission, and antifreeze fluids
- Integrated level sight gauge for easy-to-read tank fluid levels
- Simple dispensing: Fill tank with compressed air to dispense fluids
- Includes pressure relief safety valve to prevent over-pressurization of tank, and downtube ball valve prevents surprise oil discharges
- 6-inch fixed wheels and 3-inch swivel casters

Pumps Not Suitable for Flammable Liquids, Water Based Liquids, or Corrosive Liquids

ZE321



ZE321

Gear Lube Pump

- For dispensing oils, ATF, and gear lube (max 140 wt)
- Delivers approximately 1-gallon per 55 strokes
- Variable stroke handle
- Powder coated pail cover
- 4' vinyl hose with curved nozzle
- Buna N seal

ZE101



ZE101

Suction Gun

NEW

- 17 oz capacity
- 12" clear vinyl hose
- Powder-coated steel construction
- Buna N piston ring

ZE353



ZE353

Plastic Bucket Pump

- Attaches directly to pull-up spout on many 5-gallon pails, without a need to remove the plastic covers
- Includes 7 pump adapters for all types of pails
- Dispenses approximately 1 qt per 19 strokes
- Discharge hose is fitted with a non-drip tip
- Includes an extension for a 6 1/2-gallon pail
- 48" long hose with embedded spring
- Plastic pump head and steel tube
- Metal curved pump spout
- Down-stroke operation

HAND PUMPS

FOR 15-55 GALLON DRUMS

LIGHT
OIL

ATF

GEAR
LUBE

KEROSENE

DIESEL

**ZE381 • ZE382
ZED-S • ZED-S1**

Features for all models:

- Variable stroke
- Durable powder coated finish

(ZE381) & (ZE382):

- Steel body with die cast aluminum head and base

(ZED-S) & (ZED-S1):

- All steel body

**Pumps Not Suitable for
Water Based Fluids**

NEW



ZE381



ZE382



ZED-S



ZED-S1

Part No.	ZE381	ZE382	ZED-S	ZED-S1
Delivery Rate	1-gal. per 9 Strokes	1-gal. per 9 Strokes	1-gal. per 9 Strokes	1-gal. per 9 Strokes
Variable Stroke	Yes	Yes	Yes	Yes
Max Fluid Viscosity	40 wt.	40 wt.	40 wt.	40 wt.
Suction Tube	Telescoping PVC	Telescoping PVC	Telescoping PVC	Telescoping PVC
Non-Drip Tip	No	Yes	No	Yes (ZED01)
Powder Coat Finish	Yes	Yes	Yes	Yes
Seals	Buna N	Buna N	Buna N	Buna N
Threads on Spout	Garden Hose	Non-Drip Spout	Garden Hose	Non-Drip Spout

AVAILABLE ACCESSORIES:

ZE104006G

Locking Nut

- Allows 360° positioning on pump
- Fits all above models



ZE104006G

ZED01

Non-Drip Attachment

- 3/4" GHT



ZED01

ZE170

Safety Lock for Lever Action Pumps

- Fits up to a 1/2" lock
- Fits most lever style drum pumps
- Lock not included



ZE170

HAND PUMPS

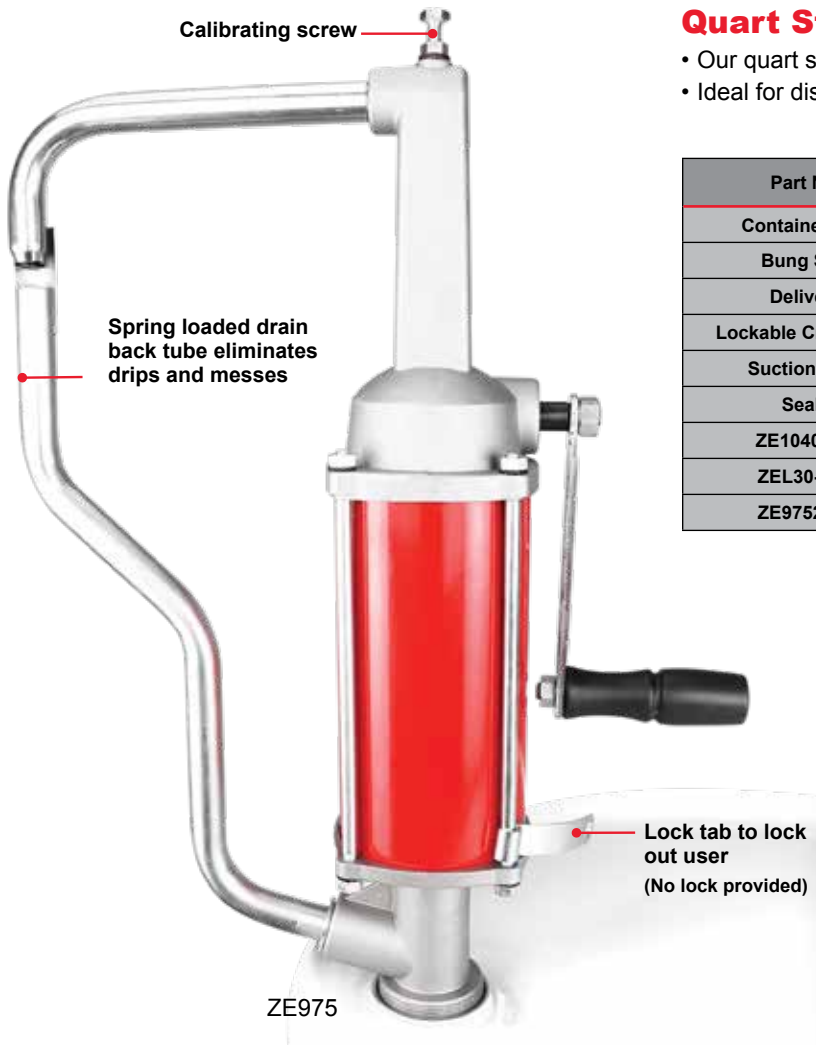
QUART STROKE



OIL

Pumps not suitable for flammable liquids, water based liquids, or corrosive liquids

ZE975



Quart Stroke Pump

- Our quart stroke pump outlasts other manufacturer units
- Ideal for dispensing the correct amount of oil each time

Part No.	ZE975
Container Size	15 to 55-Gallon
Bung Size	2" NPT
Delivery	1-Quart per Cycle
Lockable Crank Arm	Yes
Suction Tube	Steel Telescoping
Seals	Delrin
ZE104006G	Locking Ring
ZEL30-99N	Suction Tube
ZE9752394	Rebuild Kit

Optional Accessories:

ZE732



- Measures 8 quarts (see pg.206)

ZE732

ZE169



ZE169

- Non-sparking drum wrench (see pg. 179)

HAND PUMPS

LEVER STYLE



Pumps not suitable for flammable liquids, water based liquids, or corrosive liquids

ZE155



ZE155

Hand Operated Drum Pump w/ Dispensing Nozzle

- Fits 30 to 55-gallon drums

Part No.	Hose Assembly	Bung Adapter	Approximate Delivery	Seals
ZE155	5' (ZE104016-A)	2" (ZE106025)	1-Gal per 32 Strokes	Buna N

Maximum 140-wt

All pumps come with variable stroke handle positions

ZE336



ZE336

Hand Operated Drum Pump w/ Drum Cover

- Fits 16-gallon open head drums

Part No.	Hose Assembly	Bung Adapter	Approximate Delivery	Seals
ZE336	5' (ZE104016-A)	Cover for Drum	1-Gal per 32 Strokes	Buna N

Maximum 140-wt

ZE338



ZE338

Hand Operated Drum Pump w/ Threaded Spout

- Fits 15 to 55-gallon drums

Part No.	Hose Assembly	Bung Adapter	Approximate Delivery	Seals
ZE338	Not Included	2" (ZE106025)	1-Gal per 32 Strokes	Buna N

Maximum 140-wt

Pumps not suitable for water based fluids

ZE366



ZE366

Hand Operated Drum Pump

- Fits 15 to 55-gallon drums
- Recommended for light oil products
- Plated steel construction with die cast aluminum head
- Heavy-duty bar stock handle
- Cast iron bung adapter for a durable long lasting thread
- Garden hose threads on the head of the pump allow for a threaded connection
- Brass piston ring allows for smooth operation without deterioration

Part No.	ZE366
Delivery Rate	1-Gallon per 6 Lift Strokes
Container Size	15 to 55-Gallon Drum
Length	37 1/2"
Seal	PTFE
Bung Adapter	Powder Coated

ZE366T



ZE366T

Hand Operated Drum Pump

- Fits 15 to 55-gallon drums
- Recommended for paint thinners and some non-corrosive chemicals
- Plated steel construction with die cast aluminum head
- Heavy-duty bar stock handle
- Cast iron bung adapter for a durable long lasting thread
- Garden hose threads on the head of the pump allow for a threaded connection
- Brass piston ring allows for smooth operation without deterioration

Part No.	ZE366T
Delivery Rate	1-Gallon per 6 Lift Strokes
Container Size	15 to 55-Gallon Drum
Length	37 1/2"
Seal	PTFE
Bung Adapter	Unpainted

COMPLETE OIL SYSTEMS

ZE8DC



ZE8DC

8-Gallon Poly Oil Drain

- 8-gallon oil drain design ideal for lower volume shops or home garage/shops
- Seamless maneuverability: 3" swivel casters provide stability and easily rolls under a lifted vehicle
- Can be used with oil, transmission fluid, and antifreeze
- Simple height adjustment: Loosen downtube knob to raise and lower the funnel from 48" to 71"
- Translucent tank: Easy to determine if tank is full
- When tank is full, remove downtube and funnel: unscrew cap and empty into waste oil container
- Integrated molded grip allows for secure hold on tank and makes oil disposal easier
- 2-inch drain port with cap
- Built-in funnel screen
- Wide drain pipe for faster draining

NEW

ZE21DC



ZE21DC

21-Gallon Professional Air Evacuated Oil Drain

- 21-gallon oil drain design
- More stability: 6" fixed-axle wheels and 3" casters plus telescoping funnel combination makes moving under a lifted vehicle simple and stable
- Built with safety in mind: Includes a pressure relief safety valve to prevent over pressurization and downtube ball valve to prevent surprise oil discharges
- Pro-grade funnel: 14.5" diameter funnel with built-in screen to prevent drain plugs/gaskets from falling into the tank
- Integrated level gauge: Easy-to-view built-in sight gauge indicates when to empty the tank
- Simple air evacuation: Evacuate the drain by using an air connection and connecting to the drain
- Can be used with oil, transmission fluid, and antifreeze
- 5-ft evacuation hose w/ J-hook
- Durable steel tank

NEW

ZE21PD



ZE21PD

21-Gallon Pantograph Oil Drain

NEW

- 21-gallon pantograph oil drain that can be placed under a lifted vehicle, evacuate fluid through the dipstick with probes, or be used as a basin under trucks or heavy equipment
- To operate, just pressurize the tank with shop air, attach the appropriate probe, insert into the dipstick, and watch the oil flow into the evacuator
- More stability: 6" fixed-axle wheels and 3" casters plus telescoping funnel combination makes moving under a lifted vehicle simple and stable
- Built with safety in mind: Includes a pressure relief safety valve to prevent over pressurization and downtube ball valve to prevent surprise oil discharges
- Pro-grade drain: 10-gallon catch basin with mesh screen to help prevent oil splatter
- Integrated level gauge: Easy-to-view built-in sight gauge indicates when to empty the tank
- Can be used with oil, transmission fluid, and antifreeze
- Simple air evacuation: Evacuate the drain by using an air connection and connecting to the drain
- 5-ft evacuation hose w/ J-hook
- Durable steel tank

TRANSMISSION DRAIN

ZE21DC



ZE21DC

21-Gallon Transmission Drain

NEW

- 21-gallon transmission drain design ideal for lower volume shops or home garage/shops
- More stability: 6" fixed-axle wheel and 3" caster configuration makes moving under a vehicle simple and helps the drain stay in place on damaged or uneven floors, unlike models that have four swivel casters
- Built with safety in mind: Includes a pressure relief safety valve to prevent over pressurization and downtube ball valve to prevent surprise oil discharges
- Pro-grade funnel: Wide-catch 20.5" diameter funnel with built-in screen to prevent drain plugs/gaskets from falling into the tank
- Integrated level gauge: Easy-to-view built-in sight gauge indicates when to empty the tank
- Simple air evacuation: Evacuate the drain by using an air connection and connecting to the drain
- Can be used with oil, transmission fluid, and antifreeze
- 5-ft evacuation hose w/ J-hook
- Durable steel tank

Low Profile Drains

NEW

ZELP17



ZELP17

17-Gallon Low-Profile Oil Drain

- 17-gallon low-profile oil drain design rolls under the vehicle without the need of an automotive lift
- Seamless maneuverability: Long-reach T-handle and 4" swivel casters provide stability and ease of use around the shop
- Can be used with oil, transmission fluid, and antifreeze
- Large durable tank: Made of lightweight polyethylene, no risk of corrosion
- Low spillage risk: Internal baffles help prevent oil spillage while transporting the drain

Evacuation types:

- Gravity drain via drain plug
- Can be retrofitted to use a variety of pumps (sold separately)
- T-handle easily folds for storage
- Integrated baffles & wire screen mesh
- Large catch area

NEW

ZELP17-MP



ZELP17-MP

17-Gallon Low-Profile Oil Drain

- 17-gallon low-profile oil drain design rolls under the vehicle without the need of an automotive lift
- Seamless maneuverability: Long-reach T-handle and 4" swivel casters provide stability and ease of use around the shop
- Can be used with oil, transmission fluid, and antifreeze
- Large durable tank: Made of lightweight polyethylene, no risk of corrosion
- Low spillage risk: Internal baffles help prevent oil spillage while transporting the drain

Evacuation types:

- Rotary pump kit included eliminates the need for lifting the drain to empty fluids
- T-handle easily folds for storage
- Integrated baffles & wire screen mesh
- Large catch area

ZELP17-EP



ZELP17-EP

17-Gallon Low-Profile Oil Drain

NEW

- 17-gallon low-profile oil drain design rolls under the vehicle without the need of an automotive lift
- Seamless maneuverability: Long-reach T-handle and 4" swivel casters provide stability and ease of use around the shop
- Can be used with oil, transmission fluid, and antifreeze
- Large durable tank: Made of lightweight polyethylene, no risk of corrosion
- Low spillage risk: Internal baffles help prevent oil spillage while transporting the drain

Evacuation types:

- 115V UL-listed electric pump kit included which eliminates the need for lifting the drain to empty fluids
- T-handle easily folds for storage
- Integrated baffles & wire screen mesh
- Large catch area

ZE227



ZE227

18-Gallon Low Profile Metal Truck Drain

- For draining oil or antifreeze from heavy-duty trucks and RVs where a lift drain is not suitable
- 18-gallon capacity
- Heavy-duty steel construction
- 1/2" NPT drain outlet
- Dimensions: H- 7.5" W- 22" L- 42"
- Ships freight only / 85 lbs shipping weight

ZE1035K2



ZE1035K2

Air Operated Suction Kit

- Air operated suction kit for draining (ZE227)
- Includes: pump, hoses, mounting bracket, and other necessary connections
- For complete details, see Pg.135

COMBINATION OIL DRAINS

ZE21CM



ZE21CM

21-Gallon Combination Oil Drain

NEW

- 21-gallon combination oil drain can be used as a standard oil drain, can be placed under a lifted vehicle or act as a fluid evacuator using the included probes
- This 2-in-1 unit is ideal for small shops wanting to service more types of vehicles, or larger shops that need to increase productivity
- To operate, just pressurize the tank with shop air, attach the appropriate probe, insert into the dipstick, and watch the oil flow into the evacuator
- More stability: 6" fixed-axle wheels and 3" casters plus telescoping funnel combination makes moving under a lifted vehicle simple and stable
- Built with safety in mind: Includes a pressure relief safety valve to prevent over pressurization and downtube ball valve to prevent surprise oil discharges
- Pro-grade funnel: 14.5" diameter funnel with built-in screen to prevent drain plugs/gaskets from falling into the tank
- Integrated level gauge: Easy-to-view built-in sight gauge indicates when to empty the tank
- Can be used with oil, transmission fluid, and antifreeze
- Simple air evacuation: Evacuate the drain by using an air connection and connecting to the drain
- 5-ft evacuation hose w/ J-hook
- Durable steel tank

ZE21CMB



ZE21CMB

21-Gallon Combination Oil Drain

NEW

- 21-gallon combination oil drain can be used as a standard oil drain, can be placed under a lifted vehicle or act as a fluid evacuator using the included probes
- This 2-in-1 unit is ideal for small shops wanting to service more types of vehicles, or larger shops that need to increase productivity
- To operate, just pressurize the tank with shop air, attach the appropriate probe, insert into the dipstick, and watch the oil flow into the evacuator
- More stability: 6" fixed-axle wheels and 3" casters plus telescoping funnel combination makes moving under a lifted vehicle simple and stable
- Includes 2.4-gallon (9.5-qt) measuring bowl that allows the technician to verify the amount of fluid removed before adding new fluid
- Built with safety in mind: Includes a pressure relief safety valve to prevent over pressurization and downtube ball valve to prevent surprise oil discharges
- Pro-grade funnel: 14.5" diameter funnel with built-in screen to prevent drain plugs/gaskets from falling into the tank
- Integrated level gauge: Easy-to-view built-in sight gauge indicates when to empty the tank
- Can be used with oil, transmission fluid, and antifreeze
- Simple air evacuation: Evacuate the drain by using an air connection and connecting to the drain
- 5-ft evacuation hose w/ J-hook
- Durable steel tank

ZE6EV



ZE6EV

21-Gallon Fluid Evacuator

NEW

- 21-gallon fluid evacuator uses included probes to remove fluids without having to remove the drain plug on the pan, which limits shop liability
- Portability: No need to leave attached to an air hose during operation after pressurization
- Wide variety of applications: The five suction probes allow the operator to access multiple dipstick tubes or evacuation points
- Built with safety in mind: Includes a pressure relief safety valve to prevent over pressurization and downtube ball valve to prevent surprise oil discharges
- Integrated level gauge: Easy-to-view built-in sight gauge indicates when to empty the tank
- Can be used with oil, transmission fluid, and antifreeze
- Simple air evacuation: Evacuate the drain by using an air connection and connecting to the drain
- 5-ft evacuation hose w/ J-hook
- 5 suction probes included
- Durable steel tank

ZE21EV



ZE21EV

21-Gallon Fluid Evacuator

NEW

- 21-gallon fluid evacuator uses included probes to remove fluids without having to remove the drain plug on the pan, which limits shop liability
- Portability: No need to leave attached to an air hose during operation after pressurization
- Wide variety of applications: The five suction probes allow the operator to access multiple dipstick tubes or evacuation points
- Built with safety in mind: Includes a pressure relief safety valve to prevent over pressurization and downtube ball valve to prevent surprise oil discharges
- Integrated level gauge: Easy-to-view built-in sight gauge indicates when to empty the tank
- Can be used with oil, transmission fluid, and antifreeze
- Simple air evacuation: Evacuate the drain by using an air connection and connecting to the drain
- 5-ft evacuation hose w/ J-hook
- 5 suction probes included
- Durable steel tank

COMBINATION DRAINS

AND DRAIN PAN

ZE21EVB



ZE21EVB

21-Gallon Fluid Evacuator

NEW

- 21-gallon fluid evacuator uses included probes to remove fluids without having to remove the drain plug on the pan, which limits shop liability
- More stability: 6" fixed-axle wheels and 3" casters plus telescoping funnel combination makes moving under a lifted vehicle simple and stable
- Includes 2.4-gallon (9.5-qt) measuring bowl that allows the technician to verify the amount of fluid removed before adding new fluid
- Portability: No need to leave attached to an air hose during operation after pressurization
- 14.5" diameter funnel with built-in screen to prevent drain plugs/gaskets from falling into the tank
- Built with safety in mind: Includes a pressure relief safety valve to prevent over pressurization and downtube ball valve to prevent surprise oil discharges
- Wide variety of applications: The five suction probes allow the operator to access multiple dipstick tubes or evacuation points
- Integrated level gauge: Easy-to-view built-in sight gauge indicates when to empty the tank
- Can be used with oil, transmission fluid, and antifreeze
- Simple air evacuation: Evacuate the drain by using an air connection and connecting to the drain
- 5-ft evacuation hose w/ J-hook
- 5 suction probes included
- Durable steel tank

ZE700



ZE700

15-Quart Drain Pan w/ Filter Drain Screen

NEW

- Made from lightweight, strong and durable polyethylene
- 8" drain opening with O-ring in catch cap to prevent leaks
- 15-quart capacity
- Integrated carrying handles for ease of maneuverability and transport
- Catch screen prevents loss of drain plugs and gaskets
- Use with a variety of fluid types

ZE702



ZE702

9.5-Quart Drain Pan w/ Filter Drain Tray

NEW

- For use with motor oils, transmission fluid and coolants
- Made with lightweight, strong and durable polyethylene
- 9.5-quart capacity
- Features an integrated pour spout for steady flow during disposal
- Integrated mesh shelf keeps your tools out of the dirty oil and catches debris
- Large drain opening allows for a larger oil catch area

AIR OPERATED GREASE SYSTEMS

PISTON PUMPS

ZE1220



ZE1220

45:1 Pneumatic High Flow Rate Grease Piston Pump for 120-lbs Kegs

NEW

Designed to be used for industrial and automotive type grease. Intended to be used with ZEELINE by Milton® drum covers. 45:1 ratio for short to medium distance applications. Minimal moving with corrosion resistant materials reduces down time

Part No. (Air Ratio)	ZE1220 (45:1)
Max. Delivery	49.3 oz/min
Max. Fluid Viscosity	130 SAE
Max. Fluid PSI	330 PSI
Max. Air PSI	116 PSI
Air Consumption	11.65 CFM @ 100 PSI
Air Inlet Size	1/4" NPT
Fluid Inlet Size	3/4" NPT
Fluid Outlet Size	3/4" NPT with 1/2" NPT Adapter
Bung Hole Size	2" bung adapter

GREASE

ZE1220KC



ZE1220KC

45:1 Pneumatic High Flow Rate Grease Piston Pump for 120-lbs Keg Package w/ FRL & Cart

Designed to be used for industrial and automotive type grease. Intended to be used with ZEELINE by Milton® drum covers. 45:1 ratio for short to medium distance applications. Package comes complete with high flow rate grease pump, filter/regulator/lubricator, drum cover, follower plate & spring, 16-foot delivery hose, control nozzle, and cart

Part No. (Air Ratio)	ZE1220KC (45:1)
Pneumatic Pump	ZE1220KC
Filter/Regulator/Lubricator	s-1140
Control Handle Nozzle	ZE1536

NEW

AIR OPERATED GREASE SYSTEMS

PISTON PUMPS (CONT)

GREASE

ZE1212

70:1 Pneumatic High Flow Rate Grease Piston Pump for 400-lbs Kegs

NEW

Designed to be used for industrial and automotive type grease. Intended to be used with ZEELINE by Milton® drum covers. 70:1 ratio for short to medium distance applications. Minimal moving with corrosion resistant materials reduces down time



ZE1212

Part No. (Air Ratio)	ZE1212 (70:1)
Max. Delivery	38.8 oz/min
Max. Fluid Viscosity	130 SAE
Max. Fluid PSI	330 PSI
Max. Air PSI	116 PSI
Air Consumption	11.65 CFM @ 100 PSI
Air Inlet Size	1/4" NPT
Fluid Inlet Size	3/4" NPT
Fluid Outlet Size	3/4" NPT with 1/2" NPT Adapter
Bung Hole Size	2" bung adapter

ZE1212K

70:1 Pneumatic High Flow Rate Grease Piston Pump for 400-lbs Keg Package w/ FRL & Cart

Designed to be used for industrial and automotive type grease. Intended to be used with ZEELINE by Milton® drum covers. 70:1 ratio for short to medium distance applications. Package comes complete with high flow rate grease pump, filter/regulator/lubricator, drum cover, follower plate & spring, 16-foot delivery hose and control nozzle



ZE1212K

Part No. (Air Ratio)	ZE1212K (70:1)
Pneumatic Pump	ZE1212
Filter/Regulator/Lubricator	s-1140
Control Handle Nozzle	ZE1536
16-ft Grease Delivery Hose	
Drum Cart	

NEW

AIR OPERATED GREASE SYSTEMS

PISTON PUMPS (CONT)

ZE3574

45:1 Pneumatic High Flow Rate Grease Piston Pump for 25-50-lbs Pails

NEW

Designed to be used for industrial and automotive type grease. Intended to be used with ZEELINE by Milton® drum covers. 45:1 ratio for short to medium distance applications. Minimal moving with corrosion resistant materials reduces down time

Part No. (Air Ratio)	ZE3574 (45:1)
Max. Delivery	49.3 oz/min
Max. Fluid Viscosity	130 SAE
Max. Fluid PSI	330 PSI
Max. Air PSI	116 PSI
Air Consumption	11.65 CFM @ 100 PSI
Air Inlet Size	1/4" NPT
Fluid Inlet Size	3/4" NPT
Fluid Outlet Size	3/4" NPT with 1/2" NPT Adapter
Bung Hole Size	2" bung adapter



ZE3574

GREASE

AIR OPERATED GREASE SYSTEMS

PISTON PUMPS (CONT)

GREASE

NEW

ZE3574K

45:1 Pneumatic High Flow Rate Grease Piston Pump for 25-50-lbs Pails Package w/ FRL & Drum Cover

Designed to be used for industrial and automotive type grease. Intended to be used with ZEELINE by Milton® drum covers. 45:1 ratio for short to medium distance applications. Package comes complete with high flow rate grease pump, filter/regulator/lubricator, drum cover, follower plate & spring, 16-foot delivery hose and control nozzle



ZE3574K

Part No. (Air Ratio)	ZE3574K (45:1)
Pneumatic Pump	ZE1220KC
Filter/Regulator/Lubricator	s-1140
Control Handle Nozzle	ZE1536

ZE3574KC

45:1 Pneumatic High Flow Rate Grease Piston Pump for 25-50-lbs Pails Package w/ FRL & Cart

Designed to be used for industrial and automotive type grease. Intended to be used with ZEELINE by Milton® drum covers. 45:1 ratio for short to medium distance applications. Package comes complete with high flow rate grease pump, filter/regulator/lubricator, drum cover, follower plate & spring, 16-foot delivery hose, control nozzle and cart



ZE3574KC

Part No. (Air Ratio)	ZE3574KC (45:1)
Pneumatic Pump	ZE1220KC
Filter/Regulator/Lubricator	s-1140
Control Handle Nozzle	ZE1536

NEW

PUMP ACCESSORIES

HOSES, SWIVELS AND REELS

ZE0008



ZE0008

Connecting Oil Hose

NEW

Medium pressure hose assemblies are used for air operated pumps and hose reels. Made of 1/2" fiber braid

Part No.	ZE0008
Max. Pressure	1,125 lbs
Minimum Burst Pressure	4,500 lbs
Inlet/Outlet	1/2" NPT (male)
Hose Length	16 feet

ZE0012



ZE0012

High-Pressure Replacement Hose for Grease Pumps

NEW

High-Pressure oil hose assemblies are used for air operated grease pumps. Made of 1/4" wire braid pumps and hose reels. Made of 1/2" fiber braid

Part No.	ZE0012
Max. Pressure	5,000 lbs
Minimum Burst Pressure	20,000 lbs
Inlet/Outlet	1/4" NPT (male)
Hose Length	12 feet

ZE1546



ZE1546

Z-Swivel for Grease Nozzles

NEW

The swivel is for use with grease nozzles. Constructed of high-grade aluminum. Intended for use with the ZE1536 and ZE2520 grease nozzles

Part No.	ZE1546
Max. Pressure	6,000 lbs
Inlet/Outlet	1/8" NPT

ZE1450GR



ZE1450GR

Grease Hose Reel

NEW

- Built to survive the toughest conditions 1/4" x 50' commercial high tensile wire-braided nitrile and neoprene hose delivers superior strength and resistance to abrasion and oils
- The 1/4" diameter hose has a maximum pressure of 2320 PSI which allows for maximum delivery of petroleum and water based hydraulic fluids
- 4-direction non-sag rollers reduce wear and tear to the hose and allow for easier hose movement
- Slow retraction technology allows for safer hose return and reduces the potential for injuries
- Mounts to walls, ceilings, floors, trucks, carts and more!

AIR OPERATED GREASE SYSTEMS

CONTROL HANDLES

GREASE

ZE2520



ZE2520

Digital Grease Control Valve w/ Rigid Pipe

NEW

- Comfort Handle: Ergonomic grip for operator comfort
- Precise Measurement: Accuracy rating of +/- 2 %
- Efficient Delivery: Dispenses in ounces and pounds
- Built to Last: Crafted with aircraft grade aluminum components
- Use with a variety of applications: For automotive, heavy equipment, industrial, and more!

Specifications:

- Pressure rating: 8700 PSI (600 BAR)
- Thread size: 1/4 NPT (female)

ZE1536



ZE1536

Grease Control Nozzle

- Booster handle
- Each pull of the handle increases pressure up to 6,000 PSI

Part No.	ZE1536
Inlet	1/8" NPT
Outlet	1/8" NPT
Continuous Flow	Yes
Grease Coupler	Heavy-Duty 3-Jaw
Pressure Relief Valve	No
Construction	Aluminum

ZE1533



ZE1533

Pressure Relief Valve

Booster Handle w/ Pressure Relief Valve

- Each pull of the handle increases pressure up to 10,000 PSI

Part No.	ZE1533
Inlet	1/8" NPT
Outlet	1/8" NPT
Continuous Flow	Yes
Grease Coupler	3-Jaw
Pressure Relief Valve	Yes
Construction	Steel

GREASE HANDLES

CONTINUOUS FLOW AND BOOSTER HANDLES

ZE1534



ZE1534

High Pressure Grease Control Handle

- Continuous flow
- Pressure is determined by the pump used with this handle

Part No.	ZE1534
Max Pressure	10,000 PSI
Inlet	1/4" NPT
Outlet	1/8" NPT
Continuous Flow	Yes
Grease Coupler	Standard 3-Jaw (ZE28SP)
Pressure Relief Valve	Yes
Construction	Steel

GREASE

Accessories

ZE1544



ZE1544

Straight Swivel

- Inlet: 1/4" NPT (F)
- Outlet: 1/4" NPT (M)
- Compatible with: [ZE1534](#)

ZE1545



ZE1545

"Z" Swivel

- Inlet: 1/4" NPT (F)
- Outlet: 1/8" NPT (M)
- Compatible with: [ZE1533](#), [ZE1536](#)

ZE1547



ZE1547

"Z" Swivel

- Inlet: 1/4" NPT (F)
- Outlet: 1/4" NPT (M)
- Compatible with: [ZE1534](#)

ZE17



ZE17

Flexible Hose Assembly

- For use with control handles
- Includes adapter, hose, and coupler
- Working pressure: 5,000 PSI
- Burst pressure: 20,000 PSI

FOLLOWER PLATES

STRAIGHT OR TAPERED

GREASE

**ZE107012 • ZE107016
ZE1523 • ZE1524**

Follower Plates

- Steel follower plates suitable for barrels, drums, and pails (straight or tapered)

Part No.	Description	Ideal For	I.D.	O.D.
For 25-50 lb Pails				
ZE107012	Flexible Rubber Edge	ZE328	1.50"	11.25"
ZE107016	Flexible Rubber Edge	ZE3574A ZE3574R	1.16"	11.375"
For 120 lb Drums				
ZE1523	Steel Edge	ZE327	1.437"	14.25"
ZE1524	Flexible Rubber Edge	ZE1213R ZE1220R ZE1213A	1.25"	15.00"



ZE107012
ZE107016



ZE1523
ZE1524

ZE540



ZE540

Manual Grease Pump

- Variable stroke develops up to 4,000 PSI
- Delivers 0.3 oz per stroke
- 22 lb steel container with carrying handle
- Heavy-duty cast iron pump
- 6 1/2' high pressure hose with 4-jaw coupler
- Spring loaded follower plate
- Container must be used with this pump and bulk filled
- Recommended for grease up to NLGI No. 3

ZE541



ZE541

Manual Grease Dispensing System

Manual grease dispensing system includes spring loaded pump, booster control handle, follower plate, and 9' hose. Simply pump the handle until it stays in the down position indicating the hose is pressurized. After approximately 3.2 oz of grease is dispensed, the handle will rise and indicate the hose needs to be repressurized. Features a high pressure or high flow button on the control handle. The handle is a single shot style and includes connecting hose, swivel, and a switch for high volume or high pressure.

- Foot operated
- High pressure, portable grease pump
- Hands free - fatigue free operation
- Ideal for bulk greasing applications
- Includes quick lock coupler
- Max pressure: 8,700 PSI
- Up to .07 oz per stroke
- Holds up to 22.05 lbs of grease

ZEGS541



ZEGS541

Optional Assembly for ZE541 & ZE540

- Easily load bulk grease into containers
- Helps to reduce the risk of contamination
- Grease swipe cleans the scoop on both sides
- Helps keep hands clean

ZE550



ZE550

Manual Grease Pump for 25-50 lb Pails

- Fits 25 to 50 lb pails
- Maximum output pressure: 3,500 PSI
- Delivers 1.2 oz per 28 strokes
- 4-jaw coupler
- Follower plate
- 6' high pressure hose
- Carrying handle
- Easily dispense to a grease system
- Recommended for grease up to NLGI No. 2

ZE567



ZE567

Manual Grease Pump for 25-50 lb Pails

- Fits 25 to 50 lb pails
- Maximum output pressure: 8,000 PSI
- Booster control handle
- Follower plate
- 9' low pressure hose
- Recommended for grease up to NLGI No. 2

BEARING PACKERS

PORTABLE, BENCH TYPE, PAILS AND DRUMS

Recommended For Packing Bearings with a Maximum 6" Diameter

ZE331



ZE331

Portable Bearing Packer w/ Grease Gun

- Non-threaded top cone for fast placement of bearings
- Dust cover
- Extended base
- Gun holder

ZE333



ZE333

Bearing Packer for 25-50 lb Pails

- Grease pump and bearing packer for 25 to 50 lb pails

Part No.	ZE333
Delivery	Variable Stroke, Up to 1 oz per Stroke
Follower Plate	ZE107012
Pump Construction	Zinc Plated
Head Construction	Zinc Die Cast
Pump Length	18"
Drum Cover Diameter	12" Powder Coated
Collar	Adjustable

ZE343



ZE343

Bearing Packer for Drums

- Grease pump and bearing packer for 120 lb drums

Part No.	ZE343
Delivery	Variable Stroke, Up to 1 oz per Stroke
Follower Plate	ZE1523
Pump Construction	Zinc Plated
Head Construction	Zinc Die Cast
Pump Length	30"
Drum Cover Diameter	16" Powder Coated
Collar	Adjustable

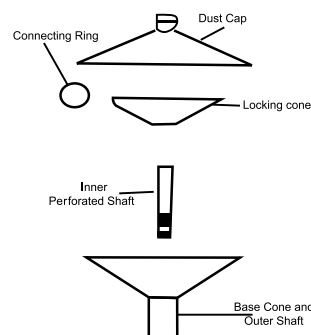
ZE625



ZE625

Bench Type Bearing Packer

- Bench type
- For use with hand or air operated grease gun
- Non-threaded top cone for fast placement of bearings
- Dust cover
- Mounting base



GREASE GUN FILLER PUMPS

FOR FILLING FROM DRUMS AND PAILS

GREASE

NLGI Grades

NLGI Grade	Worked Penetration After 60 Strokes at 25°C (0.1mm)	Appearance	Food Consistency Comparison
000	445-475	Fluid	Ketchup
00	400-430	Fluid	Applesauce
0	355-385	Very Soft	Brown Mustard
1	310-340	Soft	Tomato Paste
2	265-295	Moderately Soft	Peanut Butter
3	220-250	Semi-fluid	Vegetable Shortening
4	175-205	Semi-fluid	Frozen Yogurt
5	130-160	Hard	Smooth Pate
6	85-115	Very Hard	Cheddar Cheese Spread

ZE327

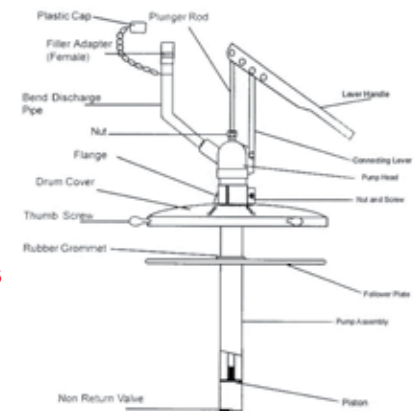


ZE327

Grease Gun Filler for Drums

- Fits 120 lb drum
- Pump length: 30"
- Drum cover diameter: 16"
- Steel edge follower plate

Part No.	ZE327
Delivery	Variable Stroke, Up to 1 oz per Stroke
Pump Construction	Zinc Plated
Head Construction	Die-cast Aluminum
Flange Construction	Cast Aluminum
Male Loader Nipple	-
Female Loader Nipple	ZE29



ZE328



ZE328

Grease Gun Filler for Pails

- Fits 25 to 50 lb pails
- Pump length: 18"
- Drum cover diameter: 12"
- Rubber lined follower plate

Part No.	ZE328
Delivery	Variable Stroke, Up to 1 oz per Stroke
Pump Construction	Zinc Plated
Head Construction	Die-cast Aluminum
Flange Construction	Cast Aluminum
Male Loader Nipple	-
Female Loader Nipple	ZE29

GREASE GUNS

CORDLESS GREASE GUNS

ZE912-19L



ZE912-19L

Shipping lithium batteries
requires additional documents

Do not mix batteries and chargers. Only use NiCad batteries with NiCad chargers and Lithium batteries with Lithium chargers

19.2 Volt Cordless Grease Gun

- Includes 1 battery (ZE91201-19L)
- Includes 1 charger (ZE91202-19L)
- 5 Cells WH 27.75
- 19.2 volt NiCad to Lithium retro fit kit (ZE912-19LK)
- Convert ALL ZEELINE by Milton® ZE912-19 NiCad grease guns to the NEW 19.2 volt lithium grease gun
- Kit includes: 1 battery (ZE91201-19L) and 1 charger (ZE91202-19L)
- Shoulder strap

Features

- Lithium has 30% more power than NiCad
- 19.2 volt cordless grease gun
- Recommended for grease up to NLGI No. 2 at minimum 50° F
- For delivery of grease in a variety of applications and hard to reach places
- Loading options: cartridge, suction, or bulk
- Max pressure: 8,500 PSI
- 30" whip hose with spring guard
- 1/8" NPT outlet threads
- 14 1/2 oz cartridge capacity
- Air bleeder valve
- Shoulder strap
- Hard plastic storage case



ZE912-20



ZE912-20

LCD screen

Shoulder strap

Carrying case

20 Volt Lithium Cordless Grease Gun

- Max pressure: 10,000 PSI
- Dispenses approximately (8) 14 oz tubes per charge
- 42" whip hose with spring guard
- Large digital display:
- Hard plastic storage case
- Large digital display
 - Battery level indicator
 - Amount of grease indicator
 - Amount of grease dispensed displays per each activation
 - Display flashes when no grease is being dispensed
 - 180° viewing angle
- 1 watt LED work light
- High and low volume settings
- Motor has mechanical overload protection
- Built-in floor stand
- Lithium only

Includes

- (2) 20 volt Lithium ion batteries
- (1) AC charger
- Shoulder strap
- Hard plastic carrying case
- MAH: 2,000
- 2-year warranty

Compatible with:

UP TO
NO.3
NLGI

ZE911



ZE911

Air Operated Pistol Grip Grease Gun

- Single shot
- Male quick connect fitting hard plastic storage case

Part No.	ZE911
Max Outlet Pressure	4,000 PSI
Delivery	1.30 oz per 40 Shots
Inlet Pressure	75 to 100 PSI
Air Inlet	1/4" NPT
Capacity	14 1/2 oz Cartridge
Extension	6" Steel (1/8" NPT)
Loading Options	Cartridge, Suction, Bulk
Construction	Aluminum Die Cast Head

ZE915



ZE915

Dual Mode Air Operated Grease Gun

Patented Design

- Fully automatic free outflow and single shot / grease discharge on demand in 'ONE GUN'
- Designed for outstanding durability and dependability, this 'ONE GUN' eliminates the need to have two separate guns – continuous flow and single shot

Built Tough

- Heavy duty and durable aluminum die cast head with precision honed internal bore. Head fitted with bulk loader that doubles as an air bleeder
- Ergonomic pistol grip and acute angle design for higher balance and ease of use, especially in narrow work spaces
- Sturdy variable trigger mechanism to dispense grease
- Grease gun barrel in premium powder coated finish with clip mounted on the barrel for securing hose & coupler when not in use

Dual Mode

- Switch between fully automatic- continuous grease flow operation and on demand/single shot operation, with the slide of an easy to use button
- Complete with 30" (760 mm) flexible grease hose & coupler

Specifications	
Develops	Up to 6,000 PSI
Delivers One Shot Mode	Up to 0.90 gm / Shot (1.30 oz / 40 Strokes)
Delivers Continuous Flow	Up to 400 gm / Min (14 oz / Min)
Air Operating Range	40-150 PSI (30-10 BAR)
Pressure Ratio	40:1
Air Compressor Volume	1 CFM / 0.026 CBM
Air Inlet Threads	1/4" (F)



Slide backwards for continuous mode



Press button for single shot operation

GREASE GUNS

LIGHT AND MEDIUM-DUTY GREASE GUNS

NEW

ZELD5



ZELD5

3,000 PSI Light-Duty Mini Pistol Action Grease Gun

Features

- Sturdy Construction: Designed for daily maintenance work
- Simple Air Bleeding: Turn the barrel half a turn and air will release
- Ergonomic Grip: Easy to use ergonomic pistol grip for maximum efficiency when squeezing
- Reach More Fittings: Includes a 9" flexible whip hose and standard rigid pipe. Both use your included 4 jaw coupler and gives you versatility that other grease guns can't
- Perfect for Home Projects: Uses 3 oz. cartridges, perfect for light usage for lawn and garden equipment and more!

Specifications

- Heavy-duty aluminum die cast head
- 3,000 PSI of maximum working pressure
- Knurled barrel for easy grip
- 1/8" NPT threads
- Zinc plated handle
- 2-year warranty

ZEMD4



ZEMD4

6,000 PSI Medium-Duty Lever Action Grease Gun

NEW

Features

- Sturdy Construction: Designed for daily maintenance work
- Simple Air Bleeding: Turn the barrel half a turn and air will release
- Easy to Handle Lever: Easy to grip and operate, helping you reach higher pressure output
- Reach More Fittings: Includes a 12" flexible whip hose and standard rigid pipe. Both use your included 4 jaw coupler and gives you versatility that other grease guns can't
- Multiple Filling Options: Uses standard 14-ounce cartridges or suction filling

Specifications

- Heavy-duty aluminum die cast head
- 6,000 PSI of maximum working pressure

ZEMD5



ZEMD5

4,000 PSI Medium-Duty Pistol Action Grease Gun

NEW

Features

- Sturdy Construction: Designed for daily maintenance work
- Simple Air Bleeding: Turn the barrel half a turn and air will release
- Ergonomic Grip: Easy to use ergonomic pistol grip for maximum efficiency when squeezing
- Reach More Fittings: Includes a 12" flexible whip hose and standard rigid pipe. Both use your included 4 jaw coupler and gives you versatility that other grease guns can't
- Multiple Filling Options: Uses standard 14-ounce cartridges or suction filling

Specifications

- Heavy-duty aluminum die cast head
- 4,000 PSI of maximum working pressure
- Knurled barrel for easy grip
- 1/8" NPT threads
- Zinc plated handle

AIR OPERATED GREASE SYSTEMS

PREMIUM HEAVY-DUTY GREASE GUNS

ZEHD4



ZEHD4

10,000 PSI Heavy-Duty Lever Action Grease Gun

NEW

Features

- Balloon Style Plunger: Leaves virtually no grease inside the tube when using 14-ounce cartridges
- Simple Air Bleeding: Valve included to assist for priming. A simple press instead of unthreading the barrel
- Comfort Grip: Deluxe comfort grip included on handle to help reduce hand fatigue and help you reach higher pressure output
- Reach More Fittings: Includes a 12" flexible whip hose and standard rigid pipe. Both use your included 4 jaw coupler and gives you versatility that other grease guns can't
- Multiple Filling Options: Uses standard 14-ounce cartridges, suction filling, or bulk filling through the inlet

Specifications

- Heavy-duty aluminum die cast head
- 10,000 PSI of maximum working pressure
- Knurled barrel for easy grip
- 1/8" NPT threads
- Variable stroke lever
- 2-year warranty

ZEHD5



ZEHD5

6,000 PSI Heavy-Duty Pistol Action Grease Gun

NEW

Features

- Balloon Style Plunger: Leaves virtually no grease inside the tube when using 14-ounce cartridges
- Simple Air Bleeding: Valve included to assist for priming. A simple press instead of unthreading the barrel
- Ergonomic Grip: Easy to use ergonomic pistol grip for maximum efficiency when squeezing
- Reach More Fittings: Includes a 12" flexible whip hose and standard rigid pipe. Both use your included 4 jaw coupler and gives you versatility that other grease guns can't
- Multiple Filling Options: Uses standard 14-ounce cartridges, suction filling, or bulk filling through the inlet

Specifications

- Heavy-duty aluminum die cast head
- 6,000 PSI of maximum working pressure
- Knurled barrel for easy grip
- 1/8" NPT threads
- Zinc plated handle

GREASE

GREASE GUN ACCESSORIES

HOSE ASSEMBLIES

ZE19R



ZE19R

Premium Quality Whip Hose for Hand Operated Grease Guns

- Offers maximum flexibility and long lasting construction
- Rubber construction - inner tubing is Polyamide with polyurethane sheathing, reinforced diagonally in high tear resistant polyester
- 1/8" NPT plated steel fittings

Hoses with a max PSI rating below 5,000 PSI are intended for manual use only.

Hoses with a max PSI rating above 5,000 PSI can be used with air operated greasing equipment.

Part No.	Min Qty	Description	Max PSI
ZE12	1	12" x 13/32"	4,500 PSI
ZE18	1	18" x 13/32"	4,500 PSI
ZE19R	10	24" x 13/32"	4,500 PSI
ZE24WH	1	24" x 13/32" Blister Packed	4,500 PSI
ZE36WH	1	36" x 13/32"	4,500 PSI

ZE11SP



Flexible position



Rigid position

ZE11SP

Flexible & Rigid Extension Adapter

- Maximum working pressure: 5,000 PSI
- Allows operator to switch from flexible to rigid extension with one hand
- Overall length: 13"
- 1/8" NPT (M)

ZE186



ZE186

Hand Operated Grease Fitting Cleaner

- For unstopping clogged grease fittings
- Plated finish with steel body
- 4-jaw grease coupler
- Includes 5" flexible whip hose
- Replaceable O-ring
- Skin packaged
- Grip guard

GREASE GUN ACCESSORIES

GREASE TOOLS

ZE660



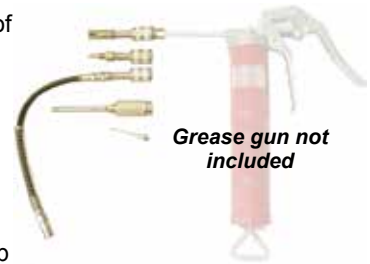
ZE660

Quick Coupler Lube Kit

- For efficient connection and replacement of hand operated grease gun tips
- Quick connects are included with all tools
- Attractive and durable nylon pouch

Included Connections

- Stainless steel needle: 1 1/2" long
- Lube adapter, 90° angle
- Needle nose adapter with .046 diameter tip
- Professional recessed lube adapter 3 1/4" long
- 12" hose with coupler and spring guard



GREASE

ZE27 • ZE28



ZE27
ZE28

Hydraulic 4-Jaw Couplers

- Sold in 10 unit increments

Part No.	ZE27	ZE28
Max PSI	10,000 PSI	6,000 PSI
Description	Standard 4-Jaw Hydraulic Coupler with Ball Check	Standard 3-Jaw Hydraulic Coupler with Ball Check
OD	.590"	.590"

ZE44



ZE44

Heavy Duty Hydraulic Coupler

- 15,000 PSI
- Heavy-duty 3 jaw hydraulic coupler with ball check
- For air operated equipment
- OD: .662"

ZE48



ZE48

360° Swivel Coupler

ZE52



ZE52

360° Swivel Coupler w/ 45° Locking Positions

- 7,000 PSI
- Zinc plated swivel coupler
- Locks at 45° for easy access to most grease fittings
- Also comes in blister pack

GREASE COUPLERS

PREMIUM, STANDARD, AND HEAVY-DUTY

ZE102



ZE102

Narrow Quick Lock Coupler

Part No.	ZE102
Max PSI	8,000 PSI
OD	.669"

ZE104SM



ZE104SM

Super Grip Quick Connect Coupler

Part No.	ZE104SM
Max PSI	6,000 PSI
OD	.590"

ZE10



ZE10

Steel Grease Pipe

- 1/8" NPT (M) both ends
- Approximately 15° bend

Recommended for use with manual grease equipment

ZE23



ZE23

Seal-Off Adapter

- 1/8" NPT (F)
- Diameter: .394"
- Length: 1 1/2"

ZE24



ZE24

Coupler Connector

- Quickly connect a non-standard coupler or tool to the existing coupler on your grease gun
- 1/8" NPT (M)

ZE29



ZE29

Filler Pump Valve

- 1/4" NPT (F) fits on grease gun filler pumps: (ZE327) or (ZE328)
- Work in conjunction with (ZE80) loader nipple

ZE31



ZE31

Standard Button Head Coupler

- For 5/8" button head fittings
- 1/8" NPT (F) inlet

GREASE FITTINGS

KITS, CAPS, AND FEEDERS

ZE55



Steel Grease Pipe

- 1/8" NPT (M)
- Approximately 5 1/2" long with 15° bend

ZE65



Sealed Bearing Packer

- Fits grease gun coupler
- Needle only is 1/16" x 1 1/2"

ZE80



Loader Nipple

- 1/8" NPT (M) for filling from gun filler pump
- Fits most grease guns

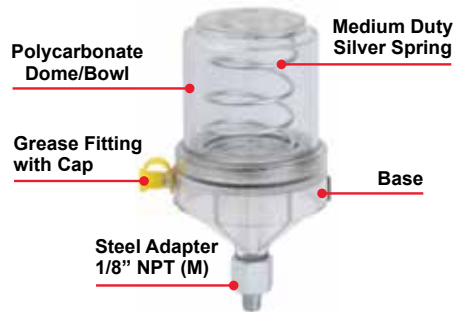
ZE47722 • ZE47724 ZE47725



Grease Feeders

Grease feeders are used to provide single point controlled lubrication for all types of bearing housings, there by eliminating difficulties that arise from over or under greasing

Part No.	ZE47722	ZE47724	ZE47725
Capacity	6 oz	2 oz	6 oz
Operating Condition	Static	Dynamic	Dynamic
Diameter	3"	2.375"	3"
Height	6"	4.625"	6"
Bowl	Polycarbonate	Polycarbonate	Polycarbonate
Base	Polycarbonate	Aluminum	Aluminum



ZE66SS



Assorted Grease Fitting Kit

- 80-pc grease fitting assortment
- Plastic refillable box contains 6 most popular grease fittings
- Available in standard and metric

ZE66SS Stainless 40-Pc Kit	
1/4"-28 Straight	10
1/4"-28 45°	5
1/4"-28 90°	5
1/8"-27 Short Straight	10
1/8"-27 Short 45°	5
1/8"-27 Short 90°	5

GREASE FITTINGS

STANDARD, BUTTON HEAD, METRIC FITTINGS

ZE34



ZE34

1/8" Button Head Fitting

- 1/8" NPT for 5/8" Standard

ZE37



ZE37

1/4" Button Head Fitting

- 1/4" NPT for 5/8" Standard

ZE38



ZE38

1/4" Button Head Fitting

- 1/4" NPT for 7/8" Giant

**ZE62 • ZE69 • ZE70 • ZE71
ZE72 • ZE73 • ZE74 • ZE75
ZE78 • ZE79 • ZE82SP**

Standard Fittings

- See chart below for specific part # and quantity



Straight



45° Angle



90° Angle

Fitting			Ordering Information (See Price List for minimum order quantities)			
#	Size	Angle/Type	Blister Pack of 5	Bag of 25	Box of 100	Box of 500
ZE70	1/8" NPT	Straight	ZE70SP	ZE70G	ZE70X	ZE70K
ZE78	1/8" NPT	30°	ZE78SP	ZE78G	ZE78X	ZE78K
ZE71	1/8" NPT	45°	ZE71SP	ZE71G	ZE71X	ZE71K
ZE79	1/8" NPT	65°	ZE79SP	ZE79G	ZE79X	ZE79K
ZE72	1/8" NPT	90°	ZE72SP	ZE72G	ZE72X	ZE72K
ZE82SP	3/16"	Straight/Drive Type	ZE82SP	-	-	-
ZE62	1/4" NPT	Straight	ZE62SP	ZE62G	ZE62X	ZE62K
ZE73	1/4"-28	Straight	ZE73SP	ZE73G	ZE73X	ZE73K
ZE74	1/4"-28	45°	ZE74SP	ZE74G	ZE74X	ZE74K
ZE75	1/4"-28	90°	ZE75SP	ZE75G	ZE75X	ZE75K
ZE69	5/16"	Straight/Drive Type	ZE69SP	ZE69G	ZE69X	ZE69K

ZE49



ZE49

Grease Fitting Tool

- Taps 1/8" NPT
- Wrench fits 7/16" and 3/8" hex
- Easy out for 1/8" NPT

ZE77SP



ZE70



ZE71



ZE72



ZE73



ZE74



ZE75



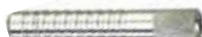
ZE79

Grease Fitting Tools

- Grease fitting assortment in blister pack

Fitting #	Qty	Fitting #	Qty
ZE70	2	ZE74	1
ZE71	1	ZE75	1
ZE72	1	ZE78	1
ZE73	2	ZE79	1

ZE85SP

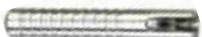


ZE85SP

"Drive Fit" Grease Fitting Tool

- For straight fittings

ZE87SP



ZE87SP

"Drive Fit" Grease Fitting Tool

- For straight fittings

ELECTRIC FUEL PUMPS

12V DC BATTERY-POWERED PUMPS

NEW

ZE923 • ZE929



ZE923
ZE929

12-volt Electric Rotary Vane Diesel Pumps

Self-priming pumps designed for transferring diesel fuels only. Pumps use alligator clips to connect to 12v battery, and are used mainly to transfer diesel fuels from drums or containers into equipment or another fueling container. Transfers fuel efficiently and reduces down time for refueling. Pumps are ready right out of the box, just connect to power and flip the switch

Part No.	ZE923	ZE929
Max. Delivery	12 GPM	12 GPM
Inlet Outlet Thread	1" NPT	1" NPT
Power	264 W	264 W
Voltage	12v	12v
Amperage	18 A	18 A
Max. Suction Height	10 feet	10 feet
Cord Length	6.5 feet	13 feet
In-Line Fuse	Included	Included

ZE924



ZE924

12-volt Electric Rotary Vane Diesel Pump Kit w/ Delivery Hose & Nozzle

Self-priming pumps designed for transferring diesel fuels only. Kit includes 13-foot delivery hose with anti-static wire, manual dispensing nozzle, nozzle bracket and suction hose

Part No.	ZE924
Max. Delivery	12 GPM
Inlet Outlet Thread	1" NPT
Power	264 W
Amperage	18 A
Max. Suction Height	10 feet
Delivery Hose Length	13 feet
Nozzle Type	Manual Style

NEW

ZE925



ZE925

12-volt Electric Rotary Vane Diesel Pump Kit w/ Delivery Hose, Nozzle & Nozzle Bracket

Self-priming pumps designed for transferring diesel fuels only. Kit includes 13-foot delivery hose with anti-static wire, manual dispensing nozzle, nozzle bracket, suction hose & telescoping pickup, dispensing nozzle, nozzle bracket and suction hose

Part No.	ZE925
Max. Delivery	12 GPM
Inlet Outlet Thread	1" NPT
Power	264 W
Amperage	18 A
Max. Suction Height	10 feet
Delivery Hose Length	13 feet
Nozzle Type	Manual Style

NEW

ELECTRIC FUEL PUMPS

115V AC/12V DC POWERED PUMPS

NEW

ZE932



ZE932

12-volt Electric Rotary Vane Diesel Pumps

Self-priming pumps designed for transferring diesel fuels only. Pumps use alligator clips to connect to 12v battery, and are used mainly to transfer diesel fuels from drums or containers into equipment or another fueling container. Transfers fuel efficiently and reduces down time for refueling. Pumps are ready right out of the box, just connect to power and flip the switch

Part No.	ZE932
Max. Delivery	15 GPM
Inlet Outlet Thread	1" NPT
Power	336 W
Voltage	12v
Amperage	19 A
Max. Suction Height	10 feet
Cord Length	13 feet
In-Line Fuse	Included

ZE945



ZE945

12-volt Electric Rotary Vane Diesel Pumps w/ Delivery Hose, Nozzle & Nozzle Bracket

Self-priming pumps designed for transferring diesel fuels only. Kit includes 13-foot delivery hose with anti-static wire, manual dispensing nozzle, nozzle bracket and telescoping pickup. Will deliver fuel from containers with a 2" NPT opening to power and flip the switch

Part No.	ZE945
Max. Delivery	15 GPM
Inlet Outlet Thread	1" NPT
Power	336 W
Voltage	12v
Amperage	19 A
Max. Suction Height	10 feet
Delivery Hose Length	13 feet
Nozzle Type	Manual Style

NEW

ZE930



ZE930

115-volt Electric Rotary Vane Diesel Pumps w/ Delivery Hose, Nozzle & Nozzle Bracket

Self-priming pumps designed for transferring diesel fuels only. Kit includes 13-foot delivery hose with anti-static wire, manual dispensing nozzle, nozzle bracket and telescoping pickup. Will deliver fuel from containers with a 2" NPT opening. Transfers fuel efficiently and reduces down time for refueling. Pumps are ready right out of the box, just connect to power and flip the switch

Part No.	ZE930
Max. Delivery	15 GPM
Inlet Outlet Thread	1" NPT
Power	336 W
Voltage	115v
Amperage	19 A
Max. Suction Height	10 feet
Delivery Hose Length	13 feet
Nozzle Type	Manual Style

NEW

ELECTRIC FUEL PUMPS

ELECTRIC FUEL PUMP ACCESSORIES

NEW

**ZE3412 • ZE3414
ZE3420 • ZE1200**



ZE3412
ZE3414
ZE3420
ZE1200

Anti-Static Rubber Hose for Diesel Fuel

Neoprene exterior and nitrile interior fuel hose features an internal stainless steel ground wire to reduce static spark when in operation with both manual and electric fuel pumps. Can be used with diesel, B20, motor, hydraulic, crop, and gear oils. Internal reinforcement maintains flexibility and reduces kinking

Part No.	ZE3412	ZE3414	ZE3420	ZE1200
Hose Thread	3/4" NPT	3/4" NPT	3/4" NPT	1" NPT
Inlet Outlet Thread	12 feet	14 feet	20 feet	20 feet

FUEL

ZE1512



ZE1512

Digital Diesel Flow Meter

NEW

Constructed of corrosion resistant aluminum. Accuracy rating of ± 1.0 ensures precise fueling. Readout measures in gallons, liters, quarts, and pints. Ready to use out of the box - attached to application, turn meter on and start pumping. No calibration needed

Part No.	ZE1512
Flow rate	2-32 GPM
Inlet Outlet Thread	1" NPT
Max.. Pressure	50 PSI
Operating Temp.	-40° - 140°F

ZE1514



ZE1514

Mechanical Diesel Flow Meter

NEW

Constructed of corrosion resistant aluminum. Accuracy rating of ± 1.0 ensures precise fueling. Resettable knob on side allows to change output direction of fuel. Ready to use out of the box - attached to application and start pumping. No calibration needed

Part No.	ZE1514
Flow rate	5-32 GPM
Inlet Outlet Thread	1" NPT
Max.. Pressure	50 PSI
Operating Temp.	-15° - 150°F

ELECTRIC FUEL PUMPS

12V DC BATTERY-POWERED FUEL STATIONS

FUEL

ZEFS-55S



ZEFS-55S

12-volt 55-Gallon Portable Diesel Fueling Station

NEW

Transportable tank is ideal for industrial, fleet, recreation, farm & agriculture, and construction sites. Pump powered by a 12-volt power source, simply connect the cables, power up the pump, and squeeze the fill nozzle. Allows for portable delivery of diesel fuel to your desired application. Can be lifted with a forklift by used integrated forklift pockets and can be securely strapped during transport. Lockable cover limits access and integrated strap recesses secure tank during transport

Part No.	ZEFS-55S
Max. Delivery	10.5 GPM
Voltage	12-volt
Capacity	55 gallons
Dispensing Hose Length	13 feet
Power Cable Length	13 feet
Dimensions	31" long x 23.5" wide x 27" high
Weight	52.5 lbs

ZEFS-116



ZEFS-116

12-volt 116-Gallon Portable Diesel Fueling Station

NEW

Transportable tank is ideal for industrial, fleet, recreation, farm & agriculture, and construction sites. Pump powered by a 12-volt power source, simply connect the cables, power up the pump, and squeeze the fill nozzle. Allows for portable delivery of diesel fuel to your desired application. Can be lifted with a forklift by used integrated forklift pockets and can be securely strapped during transport. Lockable cover limits access and integrated strap recesses secure tank during transport

Part No.	ZEFS-116
Max. Delivery	10.5 GPM
Voltage	12-volt
Capacity	116 gallons
Dispensing Hose Length	13 feet
Power Cable Length	13 feet
Dimensions	46.5" long x 31.5" wide x 31" high
Weight	93 lbs

HAND FUEL PUMPS

BATTERY-POWERED AND HAND DIAPHRAGM



ZE30A1



ZE30A1

Manual Fuel Pump

- Manual diaphragm pump

Optional Accessories

- Pump brace (ZEL30-94N)
- Repair kit (ZEL302193)
- (1) Diaphragm (ZEL30-30N) Buna N
- (1) Seal (ZEL30-35N) Buna N
- (2) Reed valves (ZEL30-52N) Buna N

Part No.	ZE30A1
Dispenses	1-Gallon per 8 Strokes
Container	15 to 55-Gallon Drum
Bung Adapter	2" NPT (ZEL30-79N)
Suction Tube	22" to 39" Telescoping (ZEL30-99N)
Hose	8' (ZEL30-95N)
Lockable Handle	Yes
Discharge Nozzle	Yes (ZEL30-90N)

FUEL

ZEL30-94N



ZEL30-94N

Manual Fuel Pump Brace

- Pump brace allows for easier and more dependable pumping



HAND FUEL PUMPS



TWO VANE CAST IRON ROTARY PUMPS

**ZE960 • ZE961
ZE962 • ZE963**

Cast Iron Rotary Pumps



ZE960
ZE962



ZE961
ZE963

Part No.	ZE960	ZE961	ZE962	ZE963
Dispenses	1-Gal per 13 Revolutions	1-Gal per 13 Revolutions	1-Gal per 13 Revolutions	1-Gal per 13 Revolutions
Container	15 to 55-Gal Drums	15 to 55-Gal Drums	15 to 55-Gal Drums	15 to 55-Gal Drums
Construction	Cast Iron	Cast Iron	Cast Iron	Cast Iron
Vanes & Seals	Cast Iron/NBR	Cast Iron/NBR	Cast Iron/NBR	Cast Iron/NBR
Bung Adapter	2" NPT	2" NPT	2" NPT	2" NPT
Suction Tube	3 Pc. Rigid	3 Pc. Rigid	Telescoping	Telescoping
Bi-directional	Yes	Yes	Yes	Yes
Hose	No	8' (ZEL30-95N)	No	8' (ZEL30-95N)
Water Deflector	ZEWD950	ZEWD950	ZEWD950	ZEWD950
Spout	3/4" NPT (M)	3/4" NPT (M)	3/4" NPT (M)	3/4" NPT (M)
Fluid Inlet	1 1/4" BSPT	1 1/4" BSPT	1 1/4" BSPT	1 1/4" BSPT
Discharge Nozzle	No	Manual (ZEL30-90N)	No	Manual (ZEL30-90N)
Nozzle Holster	No	Holster (ZE53)	No	Holster (ZE53)

ZE075NDT



ZE075NDT

Non-Drip Attachment for Cast Iron Rotary Pumps

- Non-drip tip designed to fit a broad range of hand pumps 3/4" NPT (F) fitting
- Made from PVC and vinyl
- Can be used without the 3/4" hose barb fitting

HAND FUEL PUMPS



TWO VANE CAST IRON ROTARY PUMPS

ZE1002 • ZE1003

Cast Iron Rotary Pumps



ZE1002

*Premium 2-Vane
Rotary Pumps*



ZE1003

Pickup Tube Screen



Part No.	ZE1002	ZE1003
Dispenses	1-Gal per 13 Revolutions	1-Gal per 13 Revolutions
Container	15 to 55-Gal Drums	15 to 55-Gal Drums
Construction	Cast Iron	Cast Iron
Vanes & Seals	Cast Iron/NBR	Cast Iron/NBR
Bung Adapter	2" NPT	2" NPT
Suction Tube	3 Pc. Rigid Steel w/ Screen	3 Pc. Rigid Steel w/ Screen
Bi-directional	Yes	Yes
Hose	No	8' (ZEL30-95N)
Water Deflector	ZEWD950	ZEWD950
Spout	3/4" NPT (M)	3/4" NPT (M)
Fluid Inlet	1" BSPT	1" BSPT
Discharge Nozzle	No	Manual (ZEL30-90N)
Nozzle Holster	No	Holster (ZE53)

ZE169

Aluminum Bung Wrench

- Constructed of heavy-duty aluminum to prevent sparking
- Designed to open and tighten 3/4" slotted bungs on one side and 2" cross bar bungs on the other side



ZE169

FUEL

FUEL FILTERS

Recommended for Regular Grades of Gasoline, Diesel Fuel, and 10% Ethanol

Fuel filters are for removing microscopic particles (up to 10 microns) of dirt, rust, sand, and scale from gravity feed tanks, hand pumps, and electric pumps

ZENS-10 • ZE20 ZE175

IMPORTANT: These filters are not recommended for water based products, aviation fuels, race fuels or gasoline containing more than 10% ethanol



ZENS-10

Fuel Tank Filters

ZENS-10

- Element has 366 square inches of filter surface for efficient filtration and optimum life
- Translucent bowl to monitor fuel quality
- 5 GPM gravity flow with 24" head
- Not for use with aviation gas

ZE20

- Replacement element
- Comes with both gaskets
- Compatible with same sized filter heads



ZE20

ZE175

- Filter wrench for (ZENS-10)



ZE175

Part No.	Description	Thread
ZENS-10	Fuel Filter	1" NPT
ZENS-10-BSP	Fuel Filter with BPT Threads	1" BPT
ZENS-10W	Removes Water Fuel Filter	1" NPT
ZE20	Replacement Element	-
ZE20WB	Removes Water Element	-
ZEBOWL	Replacement Bowl for Fuel Filters	-

ZENS-30 • ZENS-30AR ZENS-40



ZENS-30

Fuel Filters & Assemblies

- 10 micron filter assembly with aluminum head
- 20 GPM max flow rate
- Max working pressure: 50 PSI
- Cartridge uses a 1.5-16 UNF thread
- Has three 5/16-18 BSW threads in the top of head for mounting
- Not for use with aviation gas

Part No.	Description	Threads
ZENS-30	Fuel Filter Assembly	1" NPT
ZENS-30AR	Filter Head Only	1" NPT
ZENS-40	Filter Element	-
ZENS-40WB	Removes Water Element	-



ZENS-30AR



ZENS-40

NOZZLES AND SWIVELS

ZE202



ZE202

Bio-Diesel/E85 Hand Pump

- Rugged steel construction
- Delivers approximately 1-gal per 9 strokes
- Yellow powder coated finish
- PTFE seals
- FKM O-ring
- Garden hose type threads on spout
- Telescoping suction tube

ZE103



ZE103

Hand Operated Transfer Pump

- Carbon steel construction
- Double check valve
- FKM O-ring
- 2 pieces (4' each) clear vinyl hose
- 2 1/4" x 11" barrel size
- Dispenses 14 oz per stroke

Pump not suitable
for water based
fluids

ZE1541 • ZE1542 ZE1543 • ZE15441



ZE1541



ZE1543

Automatic Shutoff Fuel Nozzles with Locking Triggers

- Automatic nozzles won't work with gravity feed systems

Part No.	Inlet	Outlet
ZE1541	3/4"	13/16"
ZE1542	3/4"	15/16"
ZE1543	1"	15/16"
ZE15441	1"	True 1"

ZE1537 • ZE1537C ZE1538 • ZE1538C ZE1539 • ZE1539C



Straight Spout

ZE1537
ZE1538
ZE1539



Curved Spout

ZE1537C
ZE1538C
ZE1539C

Manual Shutoff Fuel Nozzles with Locking Triggers

Part No.	Inlet	Outlet
ZE1537	1"	1"
ZE1538	3/4"	3/4"
ZE1539	1"	3/4"
ZE1537C	1"	1"
ZE1538C	3/4"	3/4"
ZE1539C	1"	3/4"

ZE75000 • ZE75100



ZE75000



ZE75100

Dual Plane Swivel

Part No.	Inlet	Outlet
ZE75000	3/4"	3/4"
ZE75100	1"	1"

BATTERY OPERATED PUMPS

19.2V RECHARGEABLE DRUM PUMPS

DEF

ALCOHOL

DETERGENTS

WATER
BASED
FLUIDS

Pump is NOT
recommended for
gasoline or oil

ZE7019L • ZE7019AC



ZE7019L

19.2 Volt Lithium Drum Pump

- Flow rate: 7 GPM (pumps 106-gal per charge @ a max of 5.3 PSI)
- Uses the same battery and charger as the ZE912-19L found on Pg. 164
- Portable; with the option of using AC power through a separate conversion kit (ZE7019ACK)
- Compatible with DEF and many other water based chemicals such as detergents, antifreeze, chemical insecticides, and soaps
- Also compatible with petroleum products such as diesel and kerosene
- Includes S.S. screened telescoping suction tube that extends from a minimum of 33.5" to 40"
- Includes 2" NPT bung adapter and a 2" buttress adapter for plastic drums
- Includes a 79" long corrugated P.E. hose and a polypropylene nozzle with a 3/4" S.S. spout
- Nozzle holster built into the pump body
- Lithium battery: 27.5 Wh with 5 cells per battery
- Has a 15 minute duty cycle



Included Accessories



Improved motor seals



ZE7019AC

Part No.	ZE7019L	ZE7019AC
Battery Type	Lithium Battery	AC Power Cord
# of Batteries Included (Both Include 1 Charger)	1	-
Replacement Battery	ZE91201-19L	-
Replacement Charger	ZE91202-19L	-

Shipping lithium batteries requires additional documents

Optional Accessories

ZE7020



ZE7020

Replacement Bulk Hose

- Replacement bulk hose for ZE7019L pump
- Sold in 8 foot increments (50 ft max)
- 3/8" ID corrugated hose

ZE7019ACK

110V AC Conversion Kit



ZE7019ACK

DEF

DEF PUMPING SYSTEMS

115V AC / 12V DC OPERATED TOTE SYSTEMS

NEW

ZE9115-IBC1

Electric Pump Kit w/ Stainless Steel Auto Shut-Off Nozzle & Meter

- 115V AC- 3.5 Amps power
- Dispenses fluid at 9 GPM
- 3/4" hose barb inlet/outlet
- Digital LCD meter measures amount of fluid dispensed
- 17.5-foot delivery hose
- Stainless steel nozzle w/ auto shut-off



ZE9115-IBC1



Tote Not Included

NEW

ZE9115-IBC2

Electric Pump Kit w/ Standard Nozzle

- 115V AC- 3.5 Amps power
- Dispenses fluid at 9 GPM
- 3/4" hose barb inlet/outlet
- 17.5-foot delivery hose
- Manual nozzle



ZE9115-IBC2



Tote Not Included

DEF PUMPING SYSTEMS

115V AC / 12V DC OPERATED BARREL SYSTEMS

NEW

ZE9115-551

Electric Pump Kit w/ Stainless Steel Auto Shut-Off Nozzle & Meter

- 115V AC- 3.5 Amps power
- Dispenses fluid at 9 GPM
- 3/4" hose barb inlet/outlet
- Digital LCD meter measures amount of fluid dispensed
- 17.5 foot delivery hose
- Stainless steel nozzle w/ auto shut-off



Barrel Not Included

ZE9115-551

NEW

ZE9115-552

Electric Pump Kit w/ Standard Nozzle

- 115V AC- 3.5 Amps power
- Dispenses fluid at 9 GPM
- 3/4" hose barb inlet/outlet
- 17.5-foot delivery hose
- Manual nozzle



Barrel Not Included

ZE9115-552

DEF PUMPING SYSTEMS

115V AC / 12V DC OPERATED SYSTEMS

ZE9112 • ZE9115



ZE9112
ZE9115

Electric DEF Pumps

- 9 GPM (.45 HP motor)
- 3/4" hose barb inlet/outlet (w/ 3/4" BSP threads)
- Diaphragm pump

Max Amperage

- 115V AC (ZE9115) - 3.5 Amps
- 12V DC (ZE9112) - 10 Amps

ZE3713



ZE3713

Stainless Steel Micro-Matic™ Coupler

- Stainless Steel Micro-Matic™ coupler with 3/4" barbed outlet

ZE5702



ZE5702

Composite Micro-Matic™ Coupler

- Composite Micro-Matic™ coupler with 3/4" barbed outlet
- For totes only

ZE9008



ZE9008

Polypropylene Pump w/ Nozzle

- Polypropylene construction
- Designed to fit a 55-gallon drum
- Flow rate up to 8 GPM (2 GPM with 30 wt oil)
- Working pressure: 30-90 PSI
- Overall pump length: 51.18"
- Includes 6' vinyl hose
- Includes plastic manual nozzle with FKM seals (ZEDEF-15)

Recommended For:

- Oil (maximum 30 wt)
- DEF
- Water-based chemicals and fluids

ZE148



ZE148

4-Wheel Trolley

- 4-wheel trolley for carrying 16 to 55-gallon drums with a hose reel tray
- See Pg. 199 for more details

DEF PUMPING SYSTEMS

DIGITAL AND MANUAL NOZZLES

NEW

ZEDEF-907



ZEDEF-907

Auto Shut-off Nozzle for DEF Systems

- Constructed with FKM seals
- Can dispense between 1.3 to 10.5 GPM
- Built-in digital meter displays flow rate and gallons dispensed
- Locking trigger
- Stainless steel spout
- 3/4" OD nozzle
- 3/4" hose barb



ZEDEF-905



ZEDEF-905

Economy Auto Shut-Off Nozzle

- Automatic shutoff
- Not for gravity fed systems
- Locking trigger
- Polypropylene body
- Stainless steel nozzle
- 3/4" SS hose barb
- 2.6-13 GPM flow rate
- Light weight: 1 lb
- 5 times lighter than all SS version
- Costs 58% less than all SS version
- Individually boxed

ZEDEF-906



ZEDEF-906

Stainless Steel Nozzle

- Automatic shutoff
- Not for gravity fed systems
- Stainless steel spout
- FKM seals
- 3/4" O.D. spout
- 3/4" NPT (F)

ZEDEF-15



ZEDEF-15

Polypropylene Nozzle w/ Stainless Steel Spout

- Manual shutoff
- Stainless steel spout
- FKM seals
- 3/4" O.D. spout
- 3/4" hose barb

Kits include all necessary mounting hardware and connections

ZEDEF-107233



ZEDEF-107233

Stainless Steel Hose Barb

- 3/4" hose barb x 3/4"
- NPT SS swivel

HAND PUMPS

SIPHON, LIFT, & ROTARY STYLE

Hand equipment includes 2" NPT bung adapter.
DEF plastic drums and totes have 2" buttress threads.

**ZE365 • ZE373
ZE375 • ZE387
ZE10193 • ZE10211
ZE11219**



ZE365

- Nylon construction



ZE373

- Includes 6' hose



ZE375

- Polypropylene construction

Siphon, Lift & Rotary Hand Pumps

Part No.	Container	Output	Seals
ZE365	15 to 55-Gallon	1-Gal per 8 Lifts	PTFE
ZE387	15 to 55-Gallon	1-Gal per 8 Lifts	PTFE
ZE373	15 to 55-Gallon	1 Pint per Stroke	Acetal
ZE375	15 to 55-Gallon	1-Gal per 10 Strokes	FKM
ZE10193	15 to 55-Gallon	1-Gal per 13 Strokes	PTFE
ZE10211	15 to 55-Gallon	1-Gal per 16 Revolutions	FKM
ZE11219	15 to 55-Gallon	1-Gal per 24 Revolutions	PTFE

Pumps must be flushed with deionized water or DEF, if not used daily!



ZE387

- Stainless steel construction



ZE10193

- Stainless steel construction



ZE10211

- Polypropylene construction



ZE11219

- Stainless steel construction

ZE373HK



Shut Off Valve

ZE373HK

Pistol Grip Lever Pump Kit w/ Hose for 5 to 55-Gallon Drums

Kit comes with:

- 8' premium vinyl hose
- Shut off valve
- Buttress thread adapter

ZE5792



ZE5792

6" Dual Bung IBC Center Cap

- 6" Composite two hole IBC center cap (optimized for filling and dispensing)

2.5" x 5 Buttress Threads

One opening is slightly angled and one is straight to maximize footprint on cap to connect Fill and Dispense couplers.

ZE151



ZE151

2" Buttress Thread Adapter

- Nylon
- Converts 2" NPT to 2" buttress threads (optimized for filling and dispensing)

SPECIALTY PUMPS

MULTI-PURPOSE, CORDLESS, PORTABLE

Compatible
with, but not
limited to

GAS

DIESEL

KEROSENE

DEF

LIGHT
OIL

ZE7000



ZE7000

Battery Operated Pump

- Operates on (2) "D" size alkaline batteries
- Pumps approximately 250-gallons before requiring new batteries
- Flow rate up to 2.6 GPM @ 2.5 PSI
- Includes 39.4" long hose
- Suction tube length: 15.2"
- NBR seals

Recommended For:

- Gasoline
- Kerosene
- Diesel
- Light oils



ZE7000 Approximately 250-gal per battery pack

ZE7002 Approximately 100-gal per battery pack

ZE7002



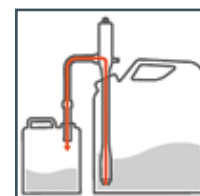
24" Hose

ZE7002

Battery Operated Pump w/ Overfill Auto Stop

- Max delivery: 2.4 GPM
- Uses two AA batteries (not included)
- Low cost fuel dispenser with auto shut-off
- No more over filling. Pump shuts off when liquid reaches the sensor in the nozzle
- Light oils

Similar to ZE7000 but ZE7002 has auto stop



CHEMICAL

Compatible
with, but not
limited to

GAS

DIESEL

KEROSENE

DEF

LIGHT
OIL

WATER
BASED
FLUIDS

SPECIALTY PUMPS

MULTI-PURPOSE, CORDLESS, PORTABLE

Compatible
with, but not
limited to

ALCOHOL

ANTI-FREEZE

WIND-SHIELD
WASHER
FLUID

WATER
BASED
FLUIDS

ZE1025



ZE1025

Ideal for Car Wash Systems

Air Operated Double Diaphragm Pump

- Light duty double diaphragm; air ratio 1:1
- For transferring fluids at low pressure
- 1/4" NPT air inlet
- 3/8" NPT fluid inlet/outlet
- Up to 6 GPM
- 6.5 CFM @ 100 PSI
- Polypropylene construction with santoprene seats and diaphragms, kynar check valves, and hastelloy springs
- Non-stalling, lube free
- **Pump is not suitable for oil products and not recommended for use with hose reels or hoses longer than 10'**

Recommended Accessories

- Air line filter with nighttime drain, regulator, gauge, ball valve, and quick disconnects (ZE1559A-ASSY)
- Wall mount bracket (ZE96)

Pump is small enough to fit in your hand. Intended for light duty applications only

Important: Not intended for gasoline or benzyl

ZE1009



ZE1009

High-Flow Aluminum Rotary Pump

- Gear driven for fast and easy transfer of light oils, diesel, alcohol, antifreeze, and windshield washer fluids
- Dispenses 1-gal per 4 revolutions (can empty a 55-gallon drum in approximately 2 minutes; 25 GPM)
- Includes a 54" polypropylene hose (ZE1009H)
- Aluminum alloy construction with steel vanes and NBR seals
- 3 piece steel suction tube designed to fit 15 to 55-gallon drums
- 1 1/4" x 16 straight threaded spout
- Includes a 2" NPT bung adapter

ZE10250



ZE10250

High-Flow Rotary Pump

- Same as ZE1009 but features PPS construction, PTFE packing, and a FKM seal for upgraded chemical resistance
- Includes a 3 piece stainless steel pickup tube designed to fit 15 to 55-gallon drums
- Optional hose (ZE1009H)
- Spout is not threaded

ZE1009H



ZE1009H

High-Flow Rotary Pump Hose

- 54" polypropylene hose
- For use with ZE1009 and ZE10250 high-flow rotary pump

CHEMICAL

HAND PUMPS

STAINLESS STEEL & HIGH FLOW

Premium Stainless Steel Chemical Pumps

ZE386 • ZE387



ZE386
ZE387

Stainless Steel Lift Pumps

- Stainless steel construction (316 alloy)
- Dispenses approximately 1-gal per 8 lifts
- Fits 15 to 55-gallon drum
- PTFE packing and seals
- Polypropylene bung adapter

Part No.	GAL	Delivers
ZE386	5	10 oz per Lift
ZE387	15-55	20 oz per Lift

ZE10110



ZE10110

Stainless Steel Lift Pump

- Stainless steel construction (316 alloy)
- Dispenses approximately 1-gal per 16 lifts
- Fits 15 to 55-gallon drum
- PTFE packing and seals
- **ZE151** Butress Thread Adapter

ZE10193



ZE10193

Stainless Steel Lever Pump

- Stainless steel construction
- Dispenses approximately 1-gal per 13 strokes
- Fits 15 to 55-gallon drum
- PTFE seal

ZE11219



ZE11219

Stainless Steel Rotary Pump

- Stainless steel construction
- Dispenses approximately 1-gal per 24 revolutions
- 3-piece stainless steel pickup tube designed to fit 15, 30, and 55-gallon containers
- Stainless steel spring
- PTFE vanes and shaft seal
- Stainless steel bung adapter
- Water deflector (**ZEWD950**)
- 3/4" hose barb outlet
- Aluminum handle

HAND PUMPS

TWO & THREE VANE ROTARY STYLE

Compatible
with, but not
limited to

ANTI-FREEZE

METHANOL

WATER
BASED
FLUIDS

WIND-
SHIELD
WASHER
FLUID

**ZE1014 • ZE1014R
ZE10211 • ZE10240
ZE10255 • ZE10256**



ZE1014



ZE1014R



ZE10240

Two Vane Rotary Pumps

- Dispenses 1-gal per 16 revolutions
- Lightweight and corrosion resistant
- Spout- 1" hose barb
- Outlet: 3/4" BSP
- Inlet: 1" BSP
- 1 1/4" O.D. pickup tube

Optional Accessory

- 46" Polyethylene ribbed hose (ZE10213)



ZE10213

Part No.	Construction	Vanes	Seals	Gaskets	Recommended For (See Pg. 85 for Our Chemical Resistance Chart)
ZE1014	Polypropylene	PPS	PTFE	Polyethylene	Petroleum Products, Water-Based Chemicals, and Chlorinated Solvents
ZE1014R	PPS	PPS	FKM	PTFE	Aggressive Chemicals, Chlorinated Solvents, Aromatic and Aliphatic Hydrocarbons
ZE10211	Polypropylene	PPS	FKM	Polyethylene	Def, Petroleum Products, Water-Based Chemicals, and Chlorinated Solvents
ZE10240	HDPE	PTFE	FKM	Polyethylene	Bleach, Chlorine, and Other Chemicals Compatible with HDPE
ZE10255	Polypropylene	PTFE	PTFE	Polyethylene	Alcohols, Petroleum Products, Water-Based Chemicals, and Chlorinated Solvents
ZE10256	PPS	PTFE	PTFE	PTFE	Alcohols, Chlorinated Solvents, Aromatic and Aliphatic Hydrocarbons

ZE10231



ZE10231

Three Vane Rotary Pump

- Dispenses 1-gal per 10 revolutions
- Body & pick-up tubes PPS construction
- Lightweight and corrosion resistant
- Spout- 1" hose barb
- PTFE vanes
- PTFE seals
- Recommended for pumping aggressive chemicals including chlorinated solvents, aromatic and aliphatic hydrocarbons, etc.
- Stainless steel rotary shaft

Rugged Design



Disassembled Pump

Three vane rotary pumps provide smoother operation and a higher flow rate compared to standard two vane rotary pumps

ZE151 Butress Thread Adapter

CHEMICAL

HAND PUMPS

LEVER & PISTOL GRIP STYLE

Compatible
with, but not
limited to

HAND
SANITIZERS

ALCOHOL

ANTI-
FREEZE

WATER
BASED
FLUIDS

WIND-
SHIELD
WASHER
FLUID

**ZE374 • ZE375
ZE376 • ZE377**

Lever Style Pumps

Features for All Lever Style Pumps:

- Dispenses a maximum of 12 oz per stroke
- Lightweight and corrosion resistant
- 1" O.D. telescoping suction tube designed to fit 15 to 55-gallon drums
- Bung adapter will fit 1 1/4" and 2" drum openings



ZE374



ZE375



ZE376
ZE377

Part No.	Construction	Seal	Rod	Color	Recommended For (See Pg. 85 for Our Chemical Resistance Chart)
ZE374	Polypropylene	FKM & Polypropylene	Plated Steel	Blue	Lubricants, Alcohol, and Fuel Oils
ZE375	Polypropylene	FKM & Polypropylene	Stainless Steel	Yellow	Water-Based Fluids, Acid, Alkali Solutions
ZE376	PPS	FKM & Polypropylene	Stainless Steel	Black	Stronger Acids, Alkali, 20% Nitric Acid
ZE377	PPS	FKM & PTFE	Stainless Steel	Black	Stronger Acids, Alkali, Hexane, 20% Nitric Acid, Toluene, Toluol, Trichlorethane

ZE151 *Buttress Thread Adapter*

ZE170

Lever Lock

- Fits most lever style drum pumps
- Fits up to 1/2" locks



ZE170

CHEMICAL

HAND PUMPS

LEVER & PISTOL GRIP STYLE

Compatible
with, but not
limited to

HAND
SANITIZERS

ALCOHOL

ANTI-
FREEZE

WATER
BASED
FLUIDS

WIND-
SHIELD
WASHER
FLUID

ZE360 • ZE363 • ZE365



ZE360

ZE363

ZE365

Lift Style Pumps

- Dispenses approximately 1-gal per 8 lifts
- Designed to fit 15 to 55-gallon containers

Part No.	Bung Adapter	Construction	Seal	Rod
ZE360	Yes	FKM & Polypropylene	Plated Steel	Blue
ZE363	Yes	FKM & Polypropylene	Stainless Steel	Yellow
ZE365	Yes	FKM & Polypropylene	Stainless Steel	Black

(ZE365) Works well with hand sanitizers

ZE10044 • ZE10050



Self Priming Lift Pumps

Features for (ZE10044) & (ZE10050):

- Designed to fit 15 to 55-gallon containers
- Includes 5-gallon pail adapter

Recommended for:

- Water-based fluids
- Light oils
- Mild acids
- Soaps
- Detergents
- Waxes
- Deodorants
- Etc.

ZE369



Siphon Drum Pump w/ Hose

- Siphons 7-gal per minute
- Designed to fit: 15 to 55-gallon containers
- 1" inlet/outlet
- Spare discharge hose available (ZE10112)
- Individually boxed

Construction:

- Body- polyethylene
- Suction tube- polypropylene
- Light oils
- Mild acids
- Soaps

ZE10020



Siphon Drum Pump w/ Hose

- Siphons 5-gal per minute
- Designed to fit: 15 to 55-gallon containers
- Spare discharge hose available (ZE10113)

Construction:

- Body- polyethylene
- Suction tube- polypropylene

ZE10010



Siphon Drum Pump w/ Hose

- Siphons 2-gal per minute
- Designed to fit: 1, 2 1/2, & 5-gallon containers

Construction:

- Body- polyethylene
- Suction tube- polypropylene

Siphon pumps are ideal for transferring or dispensing harsh chemicals. Their complete polypropylene/polyethylene construction makes them compatible with a wide range of industrial fluids. Please consult our Chemical Resistance Chart on Pg. 85 for specific compatibility concerns

CHEMICAL

SPECIALTY PUMPS

SIPHON STYLE PUMPS



ZE10010BC



ZE10010BC

Siphon Drum Pump for Brake Cleaners & Acids

NEW

- For use with: Brake Cleaner, Nitric, Hydrochloric, Sulfuric or Acetic acid (35%), gasoline, kerosene, diesel, water, windshield washer fluid, thinner, Toluene, chemical insecticides, & agricultural chemicals
- Squeeze-bulb design starts suction, pressure valve releases suction
- Made of non-corrosive, non-toxic plastic material
- Siphon rate: 2-gallons per minute
- Designed to fit 1, 2-1/2, or 5-gallon containers
- 1/2" inlet/outlet

ZE369BC



ZE369BC

Siphon Drum Pump for Brake Cleaners & Acids

NEW

- For use with: Brake Cleaner, Nitric, Hydrochloric, Sulfuric or Acetic acid (35%), gasoline, kerosene, diesel, water, windshield washer fluid, thinner, Toluene, chemical insecticides, & agricultural chemicals
- Hand pump starts suction, pressure valve releases suction
- Made of non-corrosive, non-toxic plastic material
- Siphon rate: 5.5 gallons per minute
- Designed to fit 15 to 55-gallon containers
- 1" inlet/outlet

ZE1000



ZE1000

Multi-Purpose Chemical Sprayer

NEW

- Fluid capacity: 36 oz.
- Adjustable nozzle: twist nozzle tip to adjust the spray stream
- Molded comfort handle makes holding sprayer comfortable and efficient
- Locking contoured trigger allows for more comfort and control with prolonged use
- Pressure relief valve built into the tank allows for the relief of built-up pressure before refilling container

ZE240



ZE240

Hand Operated Tire Sealant Pump

- Pumps tire sealant directly into tubeless tires
- Dispenses approximately 1-gal per 16 lift strokes
- Adjustable collar allows the user to control the amount of sealant dispensed per stroke by changing the stroke length
- Designed to fit 5 to 6 1/2-gallon pails
- Powder coated cover
- Return valve (ZE240-115)
- 5' vinyl hose (ZE240-122)
- Quick connect valve stem coupler (ZE240-127)

CHEMICAL

ZE9008



ZE9008

Air Operated - for Oil, Chemicals, & DEF

- Polypropylene construction
- Designed to fit a 55-gallon drum
- Flow rate up to 8 GPM (2 GPM with 30 wt oil)
- Working pressure: 30-90 PSI
- Overall pump length: 51.18"
- Includes 6' vinyl hose
- Includes plastic manual nozzle with FKM seals (ZEDEF-15)

Recommended For:

- Oil (maximum 30 wt)
- DEF
- Water-based chemicals & fluids

Hand Operated for Petroleum Products

ZE10210



ZE10210

Cast Iron Rotary Pump

- An economical cast iron pump with steel internals for use with: kerosene, diesel fuel, low viscosity oil, etc. (Not for use with water)
- Includes 3 piece suction tube and strainer
- Dispenses approximately 1-gal per 13 revolutions
- For 15, 30, and 55-gallon drums

ZE10190



ZE10190

Die Cast Zinc Alloy Lever Pump

- An easily operated pump with die-cast zinc alloy body, ideal for high viscosity liquids such as paraffin, gear oil, etc.
- Suction tube telescopes to fit various containers
- Includes curved spout and high angle spout
- Dispenses approx. 1-gal per 4 strokes
- For 15 to 55-gallon containers

ZE10191G



ZE10191G

Chrome Plated Lever Pump

- A chrome-plated pump for non-water based and non-corrosive liquids, including lightweight lubricants, antifreeze, fuel oils, etc.
- Suction tube telescopes
- Threaded for 2" or 1½" NPT bung
- Removable spout threaded for 3/4" garden hose fitting
- Dispenses approx. 1-gal per 10 strokes
- For 15 to 55-gallon containers

Hand Operated for Mild Chemicals

ZE10120



ZE10120

Zinc Plated Pail Pump

- A zinc-plated pail pump with steel and polyethylene parts for waxes, detergents and other non-corrosive liquids
- Locking strap holds pump in place to adapt to a variety of pail openings
- Dispenses approx. 1-gallon per 32 lift strokes
- For 5 & 6-gallon pails

ZE10130



ZE10130

Fast-Flow Zinc Plated Lift Pump

- A fast-flow zinc-plated pump for soaps, waxes and other non-corrosives
- Removable spout threaded for 3/4" garden hose fitting
- Dispenses approximately 1-gal per 8 lifts
- For 15 to 55-gallon containers

ZE10080



ZE10080

Zinc Plated Steel Lift Pump

- An economical zinc-plated steel pump with polyethylene internal parts for mild soaps, waxes, thinners, etc.
- Dispenses approx. 1-gal per 16 lifts
- For 15 to 55-gallon containers

ZETG60 • ZETG72



ZETG60
ZETG72

Polypropylene Tank Gauge

- The polypropylene tank gauge is ideal for measuring the remaining fluid in a tank without having to take off the bung cap and guess the depth of the fluid
- 1.5" & 2" NPT threads

Available Models:

ZETG60

- Polypropylene tank gauge with a maximum length of 60"

ZETG72

- Polypropylene tank gauge with a maximum length of 72"

Recommended For:

- Gasoline
- Diesel
- Alcohol
- Ether
- DEF
- And most other chemicals

ZELO100



ZELO100

Air Pump Lock Out System

- Lock out for air supply units
- Works with 3/8" air coupler fittings
- Hole for lock is 7/16"
- Made from 6" Aluminum
- Packaged in a bag
- 4' grease hose
- 4' air supply hose

Prevents quick coupler from making a connection while locked

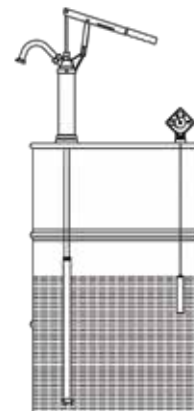
ZEDG-55



ZEDG-55

Drum Level Gauge

- 3/4" drum level gauge
- Conveniently check the remaining fluid level of a 55-gallon drum
- Constructed from polyethylene and ABS plastic
- Can display in liters or gallons



Fits the smaller 3/4" hole on drums, leaving the 2" hole free for installing pumps

HOSE ASSEMBLIES

MANUAL PUMP HOSE ASSEMBLIES



Compatible With:



ZE1459NS



ZE1459NS

Closed Air & Water Hose Reel

- 3/8" x 50' reel with advanced auto-stop
- No ratcheting sound
- Working pressure: 300 PSI
- Inlet/Outlet: 3/8"
- Hose I.D.: 3/8"
- Hose length: 50'
- Hose material: hybrid polymer



**ZE2134 • ZE2136
ZEL30-95N • ZE2178**



ZEL30-95N



ZE88

Pump Hoses

Part No.	Material Type	I.D.	Length	Compatible With	Inlet	Outlet
ZE2134	Clear Vinyl	5/8"	4'	ZE360, ZE363, ZE365	Coupling Nut	Plastic Nozzle
ZE2136	Clear Vinyl	5/8"	6'	ZE360, ZE363, ZE365	Coupling Nut	Plastic Nozzle
ZEL30-95N	Black Rubber	3/4"	8'	ZE30A1	3/4" NPT (M)	3/4" NPT (M)
ZE2178	Black Rubber	3/4"	8'	ZE960, ZE962, ZE1007	3/4" NPT (F)	Aluminum Nozzle

Curved Nozzle

Garden Hose

**ZE08DEF750
ZEDEF-V750**



ZEDEF-V750

DEF Hose

Part No.	I.D.	Inlet	Outlet	Material
ZE08DEF750	3/4"	Open	Open	Black Rubber
ZEDEF-V750	3/4"	Open	Open	Clear Vinyl

Warning: All DEF pumps, nozzles, and hoses should be flushed with DEF or de-ionized water after assembling. All DEF hoses meet ISO 22241 and NFPA 70 standards.

ZE150



ZE150

3-Wheel Drum Cart

- 3-wheel drum cart for 55-gallon/400 lb drums
- Only 1 3/8" clearance from the ground allows for easy loading of drums and easier handling



Drum, meter, and pump are not included

ZE148



ZE148

3-Wheel Drum Cart

- 4 wheel trolley for carrying 16 to 55-gallon drums with a hose reel tray
- Tough and durable powder coat finish with non-marking wheels and casters
- Total weight capacity: 539 lbs
- Drum shelf: 485 lbs
- Reel shelf: 55 lbs
- Ideal for creating portable dispensing systems when combined with a pump, hose reel, and oil control handle or meter

Description	ZE148
Up to 55-Gallons	YES
Locking Caster(s)	1
Removable Handle	-
Tilt Drum with Handle	-
Handle with Drum Wrench	-
Drum Clamp	YES
Wheel Size	8"
Caster Size	6"
Reel Mounting Holes	YES
Tray Size	25 5/8" x 24"
Deck Height	4 1/4"

DRUM EQUIPMENT

DOLLIES AND CRADLES



**ZE105 • ZE105-S
ZE120 • ZE120-S
ZE130-S • ZE138-S
ZE140-S • ZE140-SOR**



ZE105



ZE120



ZE130-S



ZE138-S



ZE140-S



ZE140-SOR

Pail & Drum Dollies

Part No.	Caster Material	Diameter (Min-Max)	Maximum Load
Designed for 5 to 6 1/2-Gallon Pails			
ZE105	Phenolic	10"-11 5/8"	200 lbs
ZE105-S	Steel	10"-11 5/8"	200 lbs
Designed for 15 to 16-Gallon Drums			
ZE120	Phenolic	13 1/2"-14 1/4"	200 lbs
ZE120-S	Steel	13 1/2"-14 1/4"	200 lbs
Designed for 30-Gallon Drums			
ZE130-S	Steel	Max-18"	300 lbs
Designed for 55-Gallon Drums			
ZE138-S	Phenolic	Max-23"	450 lbs
ZE140-S	Steel	Max-23"	450 lbs
ZE140-SOR	Steel	Max-23"	450 lbs

**ZE135 • ZE135WC
ZE137**



ZE135
ZE137



ZE135WC

Drum Cradles

ZE135

- Drum cradle with axle and wheels

ZE135WC

- Drum cradle with axle, wheels, and casters

ZE137

- Drum cradle without axle and wheels

Part No.	ZE135	ZE135WC	ZE137
Tips & Rotates	Yes	Yes	Yes
Drum Type	55-Gallon Metal Drum	55-Gallon Metal Drum	55-Gallon Metal Drum
Self Storing Lever Bar	Yes	Yes	Yes
Capacity	600 lbs	600 lbs	600 lbs
Axle & Wheels	Yes	Yes	No
Casters	No	Yes	No

DRUM TOOLS AND ACCESSORIES

ZE167



ZE167

Universal Spoke Drum Wrench

- Rugged, all steel construction
- Powder coated to protect against rust
- Tipped with the 4 most common drum wrench heads
- Can open 3/4" to 2" openings
- Convenient 12" x 12" x 1/2" size

ZE169



ZE169

Aluminum Bung Wrench

- Non-sparking
- Opens 3/4" slotted bung
- Opens 2" cross bar bung

ZE10265



ZE10265

Bronze Alloy Bung Wrench

- Non-sparking
- Offset handle

ZE10266



ZE10266

Bronze Alloy Bung Wrench

- Non-sparking
- Built-in 1 1/4" faucet wrench

ZE10267



ZE10267

Iron Alloy Universal Bung Wrench

- Fits all drum plugs and bung nuts
- Will not bend or chip under normal use
- Angled handle

ZE830



ZE830

Brass Horizontal Drum Vent

- 2" NPT

ZE151



ZE151

Buttress Thread Adapter

- Nylon construction
- Converts 2" buttress thread to 2" NPT
- Required to mount pumps to most plastic drums

DRUM EQUIPMENT



GATE VALVES, BARREL FAUCETS & ACCESSORIES

**ZE63 • ZE68 • ZE81
ZE82SS • ZE57 • ZE64
ZE67 • ZE89**

Bung Faucets

Compatible With:



3/4" Bung Faucets



ZE63



ZE68 *Sold in
qty of 12*



ZE81



ZE82SS

Part No.	Construction	Manual/Automatic	Lockable
Designed to Fit 3/4" NPT Bung Openings			
ZE63	Cast Iron	Manual	Non-Lockable
ZE68	Polyethylene	Manual	Lockable
ZE81	Die-Cast Metal	Automatic (Self Closing)	Lockable
ZE82SS	304 Stainless Steel	Automatic (Self Closing)	Lockable (w/ Customer Lock)
Designed to Fit 1" NPT Bung Openings			
ZE57	Cast Iron	Manual	Non-Lockable
Designed to Fit 2" Bung Openings			
ZE64	Cast Iron	Manual	Non-Lockable
ZE67	Polyethylene	Manual	Lockable
ZE89	Aluminum	Automatic (Self Closing)	Non-Lockable

1" Bung Faucet



ZE57

2" Bung Faucets



ZE64



ZE67



ZE89

ZE5001



ZE5001

Vented Locking Fuel Cap

- Lockable
- 2" NPT

ZE67SG



*Bung faucet
sold separately*

ZE67SG

Level Indicator

- Level indicator that attaches to (ZE67) bung faucet
- Works great for 55-gal drum on a cradle so you always know how much fluid is in your drum

ZEELINE by Milton® Drum Equipment
features a 2-year limited warranty.

Quality products backed by premium
customer service.

AIR SENTRY BREATHERS

GATE VALVES, BARREL FAUCETS & ACCESSORIES



Air Sentry® Breathers are a unique, patented air filter and vapor removal system. They replace the standard breather or vent cap on all types of industrial equipment, storage tanks, and transformers. They prevent destructive contaminants from entering fluid reservoirs and tanks as air is breathed in and out due to thermal expansion or fluid level changes. Fluid contamination is one of the primary causes of component wear and lubricant failure in industrial equipment. Models are available to meet the requirements of most industrial applications

Air Sentry Contamination Control Breathers:

- Ideal solution for fluid contamination problems
- Blocks corrosive water vapor
- Filters damaging particles
- Reduces other contaminants
- Protects expensive equipment
- Disposable - replace when desiccant color changes from gold to green



ZED-100 • ZED-101 • ZED-154 ZED-102 • ZED-108

D-Series Breathers				
Part No.	Height	Diameter	Mounting Connection	Max. Adsorption Capacity
ZED-100	3 1/2"	5"	1" Slip Fit	Not Available
ZED-101	5"	5"	1" Slip Fit	8.6 fl oz
ZED-154	5"	5"	1" NPT (M)	8.6 fl oz
ZED-102	8"	5"	1" Slip Fit	16.56 fl oz
ZED-108	10"	5"	2" NPT (M)	21.47 fl oz

D-Series Air Sentry Breathers:

The D-Series breathers feature numerous models in a variety of sizes, designed to satisfy the requirements of most stationary fluid management applications. The breathers provide application flexibility by using 100% silica gel for moisture adsorption or 100% activated carbon for fume and odor control, or both when necessary. All D-Series models feature 2-micron solid particle filtration and have a max airflow rating of 20 CFM. They also have a max reservoir fluid flow rate of 150 GPM.

The D-Series is constructed of industrial grade raw materials, tested to ensure a wide range of chemical compatibilities, and features high impact resistant ABS top and bottom caps.

Typical Applications: Storage tanks, fluid reservoirs, transformers, pumps, and gearboxes.

ZEZ-131 • ZEZ-133 • ZEZ-134

Z-Series Breathers				
Part No.	Height	Diameter	Mounting Connection	Max. Adsorption Capacity
ZEZ-131	2"	2"	1/2" NPT (F)	0.49 FL OZ
ZEZ-133	2"	3 1/4"	1/2" NPT (F)	1.84 fl oz
ZEZ-134	3 1/4"	3 1/4"	1/2" NPT (F)	3.06 fl oz

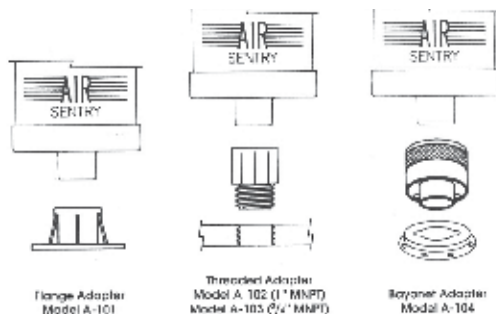
Z-Series Air Sentry Breathers:

Air Sentry® Z-Series breathers are designed for applications where space is limited or air flow requirements are below 5 CFM. The Z-Series is typically used on gearboxes and low fluid volume applications where mounting space is limited or where a larger breather won't fit without remote mounting. All Z-series breathers have a max airflow rating of 5 CFM. They also have a max reservoir fluid flow rate of 37 GPM.

Typical Applications: Gearboxes, drums, totes, and small oil containers.

ZEA-102 • ZEA-104

Air Sentry Breather Adapters			
Part No.	Type	Breather Connection	Reservoir Connection
ZEA-102	Threaded	1" Slip Fit	1" NPT (M)
ZEA-104	Bayonet	1" Slip Fit	Bayonet Push & Turn Connection



Flange Adapter:

Used with reservoirs where the tank wall is not thick enough for tapping threads.

Threaded Adapter:

Used with reservoirs where the tank wall is thick enough for a tapped hole.

Bayonet Adapter:

Replaces the standard breather cap on a hydraulic reservoir.

FUNNELS



DRUM FUNNELS (with 2" NPT (M) threaded spout)

ZE769



ZE769

Drum Funnel

- Polyethylene construction
- Deep 3 quart capacity
- Convenient 12" x 12" x 1/2" size

ZE798



ZE798

Aluminum Drum Wrench

- Heavy-duty plastic construction with hinged cover and 2" threaded bung connection
- 4 quart capacity
- With screen

ZE799



ZE799

E-Z Smart Funnel

- Funnel design protects against over filling the drum
- 2-gallon capacity
- No screen

Multi-Purpose & Disposable Funnels

ZE764



ZE764

E-Z Smart Funnel

- Heavy-duty polyethylene
- Funnel opening: 10" x 7"
- 1 1/8" O.D. outlet
- With screen

ZE770



*Sold in
qty of 12*
ZE770

Deluxe Flexible Plastic Funnel

- Wide neck for rapid filling
- 11" flexible outlet, convenient for hard to reach places
- 0.625" O.D. outlet
- No screen

ZE775



*Sold in
qty of 12*
ZE775

King Size Plastic Funnel

- One piece construction
- Funnel diameter: 4 1/2"
- 17" long with 5/8" outlet
- 0.625" O.D. outlet
- No screen

ZE759 • ZE761



ZE759
ZE761

Heavy Duty Funnel

Features For (ZE759) & (ZE761)

- Heavy-duty polyethylene
- Anti-splash rim with lid
- 1 1/2 quart capacity

- Screen included
- 1" O.D. Outlet

ZE759:

- 8" funnel diameter
- Flexible spout: W- 1/2" L- 7"
- 1.75 quart capacity

ZE761:

- 9" funnel diameter
- Flexible spout: W- 7/8" L- 9"
- 3 quart capacity

GALVANIZED FUNNELS

**ZE86 • ZE701 • ZE703
ZE705 • ZE707**

Galvanized Funnels



*Sold in
qty of 12*
ZE86



ZE701

Part No.	Capacity	Spout	Screen	Outlet I.D.	Dimensions
ZE86	1 Quart	14" Flexible	50 Mesh Brass	7/16"	6" Diameter
ZE701	1 Quart	Straight	Included	1/2"	6 1/4" Diameter x 8" Deep
ZE703	8 Quart	Ribbed to Fit Openings	Included	1"	9 1/2" Diameter x 6" Deep
ZE705	6 Quart	Straight	50 Mesh Brass	1"	10" Diameter
ZE707	9 Quart	Center	Included	1"	12" Diameter x 12" Deep



ZE703



ZE705



ZE707

Drain Pans & Drip Pan

ZE721



ZE721

Galvanized Utility Drain Pan

- 3 1/2-gallon capacity
- 15 1/2" diameter x 3 1/2" deep

ZE765



ZE765

Plastic Drain Pan & Parts Cleaner

- 13" diameter x 4" deep

ZE766



ZE766

Plastic Drain Pan w/ Spout & Cap

- 4 1/2-gallon capacity
- 22.91" x 18.58" x 6.14" deep

ZE785



ZE785

Drip Pan

- Fits any 2" NPT opening
- Fits pumps with 2" NPT bung
- Strains and returns overflow back to the drum

MEASURES & CONTAINERS



PLASTIC MEASURES

**ZE731 • ZE732 • ZE751
ZE753 • ZE755 • ZE757**



ZE757 sold in qty of 2



ZE731
ZE732

Plastic Measures w/ Flexible Spout

- Marked in quarts and liters
- Includes threaded lid
- Includes thread on outlet cap (ZESPOUT/CAP)
- HDPE container with polyethylene spouts and caps
- (ZE757-W also available in translucent white)

Features For (ZE731) & (ZE732):

- Marked in liters and quarts
- Includes a threaded lid and outlet cap

ZE731

- 4 Liter / 4 Quart

ZE732

- 8 Liter / 8 Quart

Part No.	Capacity	Replacement Parts	
		Lid	Spout
ZE731	4 Quarts	ZE731LC	-
ZE732	8 Quarts	ZE732LC	-
ZE751	1 Quarts	ZE752G	ZESPOUT751/753
ZE753	2 Quarts	ZE754G	ZESPOUT751/753
ZE755	3 Quarts	ZE754G	ZESPOUT751/753
ZE757	5 Quarts	ZE758G	ZESPOUT757

ZE93 • ZE94 • ZE95 • ZE97



ZE93

ZE94
ZE95
ZE97

Piston Action Oilers

- Include a 6" rigid steel stem and 6" flexible spout
- Deep-drawn seamless body
- Attractive red paint finish

Part No.	Capacity
ZE93	6 oz
ZE94	1 Pint
ZE95	10 oz
ZE97	1 Quart

ZE43



ZE43

Filter Wrench

- For removing standard 3 1/2" to 3 5/8" spin on filters
- 1 1/4" wide plated band with 7" vinyl grip

ZE737



ZE737

Battery Filler

- Heavy-duty polyethylene
- Automatic shutoff
- Non-drip tip
- Safe to use with battery acid
- 1.8 quart capacity (2 liters)

CHEMICAL RESISTANCE

CHEMICAL NAME

ACCESSORIES

MEASURES

FUNNELS

BATTERY POWERED

CHEMICAL PUMPS

SIPHON

LEVER

	ZE753	ZE755	ZE757	ZE759	ZE761	ZE764	ZE798	ZE7000	ZE7019	ZE369AR	ZE10010	ZE10020	ZE373	ZE374	ZE375	ZE376	ZE377	ZE10190	ZE10191G	ZE10193
ACTALDEHYDE																				
ACETIC ACID: > 20%																				
ACETIC ANHYDRIDE																				
ACETONE																				
ALCOHOL: AMYL																				
ALCOHOL: BENZYL																				
ALCOHOL: BUTYL																				
ALCOHOL: DIACETONE																				
ALCOHOL: ETHYL																				
ALCOHOL: HEXYL																				
ALCOHOL: ISOBUTYL																				
ALCOHOL: ISOPROPYL																				
ALCOHOL: METHYL																				
ALCOHOL: PROPYL																				
AMMONIA: > 10%																				
AMMONIA, ANHYDROUS																				
AMMONIA, LIQUID																				
AMMONIUM HYDROXIDE																				
ANTI-FREEZE																				
BENZENE																				
BENZOIC ACID																				
BLEACH																				
BORIC ACID																				
CALCIUM CHLORIDE (30% IN WATER)																				
CALCIUM HYPOCHLORITE																				
CALCIUM SULFATE																				
CITRIC ACID																				
COPPER CHLORIDE																				
COPPER SULFATE: > 5%																				
DETERGENTS																				
DIESEL FUEL																				
ETHYL ACETATE																				
ETHYLENE GLYCOL																				
FORMIC ACID																				
FUEL OILS																				
GASOLINE (NOT UL LISTED)																				
GLYCERIN																				
HEPTANE (BRAKE CLEANER)																				
HYDROCHLORIC ACID: > 37%																				
HYDROCHLORIC ACID: > 50%																				
HYDROGEN PEROXIDE: > 30%																				
JET FUEL (JP3: JP4: JP5)																				
KEROSENE																				
LACQUERS																				
LACQUER THINNERS																				
LACTIC ACID																				
METHYL ETHYL KETONE (MEK)																				
MINERAL SPIRITS																				
NAPHTHA																				
NITRIC ACID: > 20%																				
OXALIC ACID (COLD)																				
PHOSPHORIC ACID: > 40%																				
PHOTOGRAPHIC (DEVELOPER)																				
POTASSIUM CHLORIDE																				
POTASSIUM HYDROXIDE																				
PROPYLENE GLYCOL																				
SILICONE																				
SODIUM BICARBONATE																				
SODIUM CHLORIDE																				
SODIUM HYDROXIDE: > 50%																				
SODIUM HYPOCHLORITE: < 20%																				
SODIUM NITRATE																				
SODIUM SULFATE																				
STODDARD SOLVENT																				
SULFURIC ACID: > 75%																				
TOLUENE, TOLUOL																				
TRICHLORETHANE																				
TRICHLORETHYLENE																				
TURPENTINE																				
UREA/DEF																				
XYLENE																				

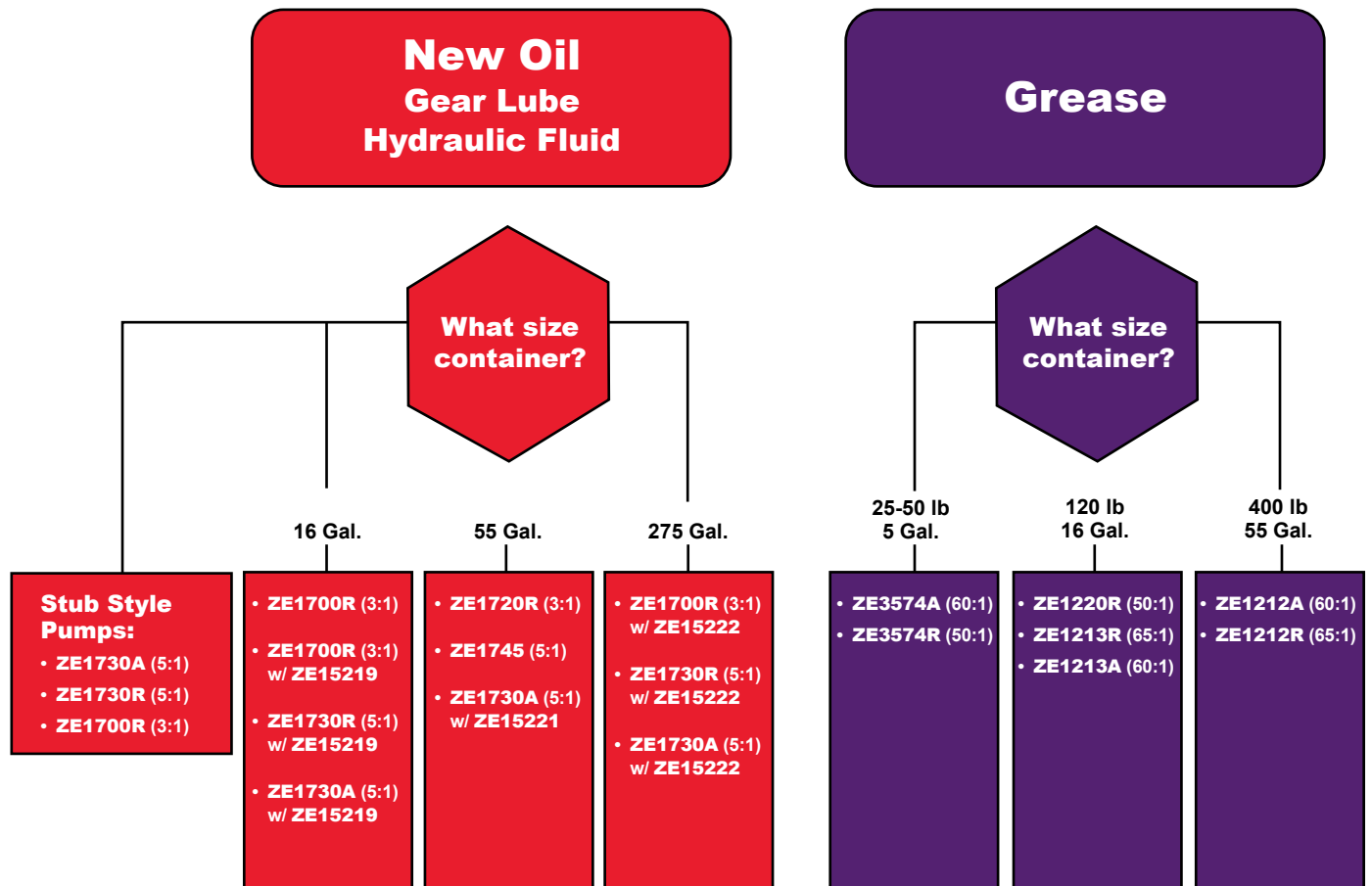
Only pumps used for chemicals listed with a rating of "Excellent" will be covered under warranty.

!WARNING! This chart is intended as a guide to aid in the pump selection process. The information it contains has been gathered from reputable sources. However, National-Spencer Inc. assumes no responsibility for the accuracy or completeness of this information as it pertains to specific applications. If you need help selecting a pump, please call 800-231-1525.

CHEMICAL CHARTS

PUMP SELECTION GUIDE

WHAT PRODUCT ARE YOU GOING TO BE TRANSFERRING?

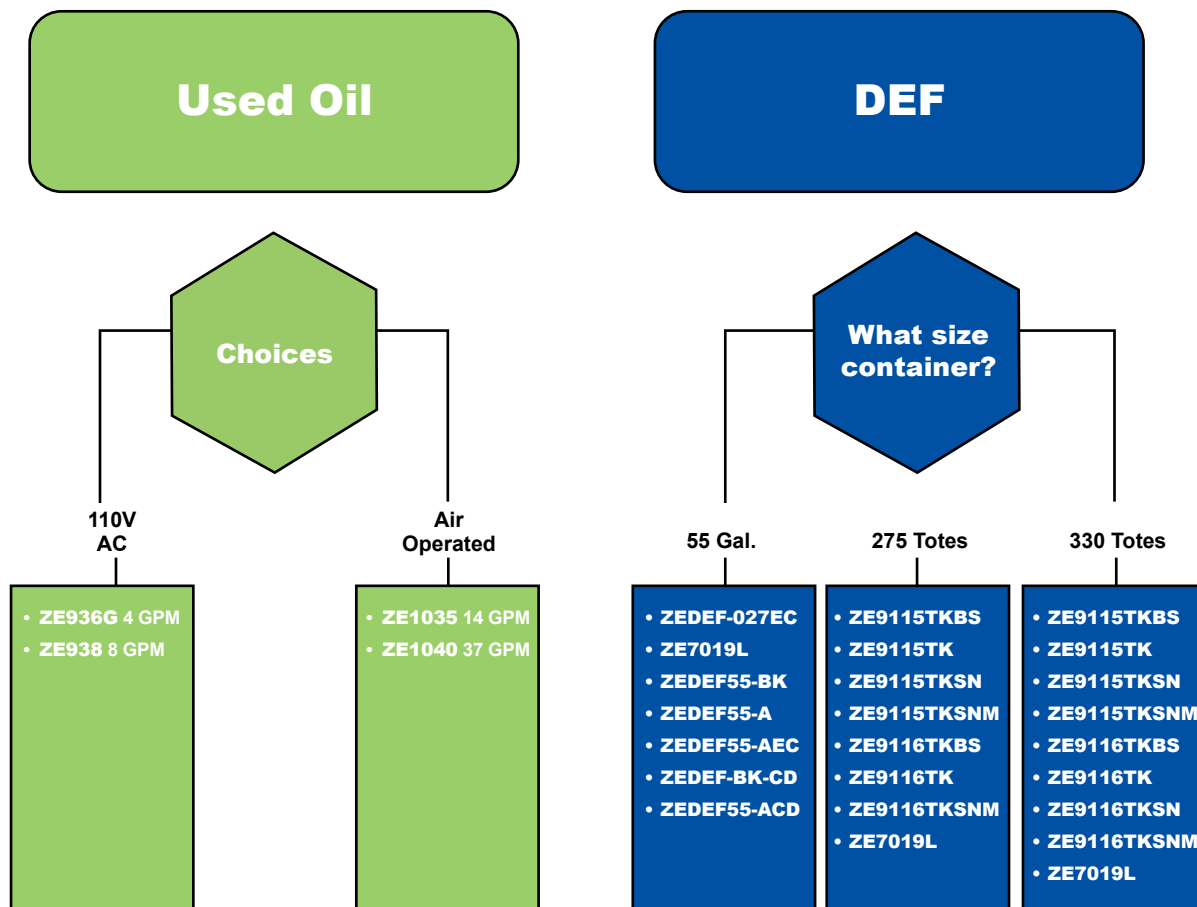


- (3:1) 300 PSI discharge pressure medium distance transfers up to 50', up to 80/90 wt. viscosity
- (5:1) 500 PSI discharge pressure long distance transfers up to 50', up to 240 wt. viscosity

CHEMICAL CHARTS

PUMP SELECTION GUIDE

WHAT PRODUCT ARE YOU GOING TO BE TRANSFERRING?



- (50:1) 5000 PSI discharge pressure
 - (55:1) 5500 PSI discharge pressure. Medium distance up to 50' NLGI #2
 - (60:1) 6000 PSI discharge pressure.
- Note:** Discharge pressure is based on 100 PSI air inlet pressure

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SIMPLY BETTER AIR®
... and Beyond



Specialty Tool Catalog

SOCKETS

SOCKETS

1300-Series Impact Socket Sets



- Chrome-moly w/ black oxide finish
- Laser-etched sizes on sockets
- 3/8" & 1/2" drive - SAE & MM sizes
- Multiple socket quantity options
- Deep or shallow depth
- Some kits include extension bars
- All sets come with molded storage case to keep sockets organized

*Includes 1/2" universal joint,
plus 3" & 5" extensions*



18 Piece Set
3/8" Drive

Shallow Impact Socket Set
1300-SS-01



15 Piece Set
3/8" Drive

Deep Well Impact Socket Set
1300-SS-02

6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 **MM**

6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 **MM**

*Includes 1/2" universal joint,
plus 3" & 5" extensions*



17 Piece Set
1/2" Drive

Shallow Impact Socket Set
1300-SS-03



14 Piece Set
1/2" Drive

Deep Well Impact Socket Set
1300-SS-04

3/8" 7/16" 1/2" 9/16" 19/32" 5/8" 11/16" 3/4" 13/16" 7/8" 15/16" **1" 1 1/16" 1 1/8" SAE**

3/8" 7/16" 1/2" 9/16" 19/32" 5/8" 11/16" 3/4" 13/16" 7/8" 15/16" **1" 1 1/16" 1 1/8" SAE**

EV TOOLS

SOCKETS



15 Piece Set
1/2" Drive

Deep Well Impact Socket Set
1300-SS-05

10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 **MM**

*Includes 1/2" universal joint,
plus 3" & 5" extensions*



17 Piece Set
1/2" Drive

Shallow Impact Socket Set
1300-SS-06

11 12 13 14 15 16 17 18 19 21 22 24 27 30 **MM**



14 Piece Set
1/2" Drive

Deep Well Impact Socket Set
1300-SS-07

11 12 13 14 15 16 17 18 19 21 22 24 27 30 **MM**

Includes 1/2" universal joint



39 Piece Set
1/2" Drive

Combination Impact Socket Set
1300-SS-08

3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	7/8"	15/16"	1"	1 1/16"	1 1/8"	1 1/4"	1 3/8"	1 1/2"	1 5/8"	1 3/4"	1 7/8"	1 1/2"	SAE DEEP
3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	7/8"	15/16"	1"	1 1/16"	1 1/8"	1 1/4"	1 3/8"	1 1/2"	1 5/8"	1 3/4"	1 7/8"	1 1/2"	SAE DEEP



10 Piece Set
1" Drive

Combination Impact Socket Set
1300-SS-09

1"	1 3/16"	1 3/4"	SAE DEEP	1 1/16"	1 1/8"	1 1/4"	SAE DEEP THIN-WALL
13/16"	15/16"	SAE SQUARE	1 1/2"	SAE CONTROLLED-DEPTH	33mm	MM DEEP	



4 Piece Set
1/2" Drive

Deep Well Impact Flip Socket Set
1300-SS-10

19 x 21	MM DEEP	3/4"	13/16"	7/8"	15/16"	SAE DEEP
---------	---------	------	--------	------	--------	----------

SOCKETS

EV TOOLS

1305-EV-01

9-Pc Insulated Pliers & Screwdriver Set

Kit Includes:

- 1x SL2.5 x 75mm Screwdriver
- 1x SL4.0 x 100mm Screwdriver
- 1x SL5.5 x 125mm Screwdriver
- 1x PH0 x 60mm Phillips Screwdriver
- 1x PH1 x 80mm Phillips Screwdriver
- 1x 7" Wire Strip Pliers
- 1x 8" Needle Nose Pliers
- 1x 6" High-Leverage Diagonal Pliers



1305-EV-02

9-Pc Insulated Pliers & Screwdriver Set

Kit Includes:

- 1x SL2.5 x 75mm Screwdriver
- 1x SL4.0 x 100mm Screwdriver
- 1x SL5.5 x 125mm Screwdriver
- 1x PH0 x 60mm Phillips Screwdriver
- 1x PH1 x 80mm Phillips Screwdriver
- 1x 7" High-Leverage Linesmen Pliers
- 1x 8" Needle Nose Pliers
- 1x 6" High-Leverage Diagonal Pliers



PRODUCTIVITY MADE SIMPLE



SPECIALTY TOOLS CATALOG

A Member of the Milton Specialty Tool Group



AIR HAMMERS &
ACCESSORIES

CAR REPAIR KITS

TORQUE
EXTENSIONS &
SOCKETS

TWIST
SOCKETS

WHEEL & BRAKE

MISCELLANEOUS

AIR HAMMERS & ACCESSORIES

CAR REPAIR KITS

TORQUE EXTENSIONS & SOCKETS

TWIST SOCKETS

WHEEL & BRAKE

MISCELLANEOUS

SENSOR REMOVAL KITS
AWARD WINNING QUALITY



Shockit Socket Diesel and Nox & Particulate Sensor Removal Kit

Remove stubborn diesel and gas exhaust sensors with the Shockit Socket Diesel Nox and Particulate Sensor Removal Kit. This kit utilizes the force and vibration of an air hammer to loosen the most rusted sensors. Six different socket sizes included.



2023 PTEN Awards
Innovation Award and
Peoples Choice Winner



LT994	Item #	Name	Contents
	LT994	Shockit Socket O2 Sensor Removal Kit	22mm Shockit short socket, 22mm Shockit deep socket, 18mm thread chaser, 11" standard Shockit punch
	LT996D	Shockit Socket Diesel Nox & Particulate Sensor Removal Kit	22mm Shockit socket, 24mm Shockit socket, 30mm Shockit socket, 22mm thin wall deep Shockit socket, 20mm thread chaser, 22mm thread chaser, 27mm thread chaser, 22mm low profile Shockit socket, 24mm low profile Shockit socket, 11" standard Shockit punch

LT1900



LT1910



LT1900XL



LT1910XL



Shockit and XL Shockit Crows Foot Sets

Loosen hydraulic fittings on tractors, forklifts and heavy equipment with the force and vibration of an air hammer. Its compact design fits into small spaces between hydraulic lines where other wrenches won't. The interlocking design keeps the non-turning, offset punch from slipping off the socket for safe and precise hammering. Crows feet are built to precise ISO 1174-2 DIN tolerances.

Item #	Name	Contents
LT1900	11-Piece SAE Shockit Crows Foot Set – Heavy-Duty Industrial/Hydraulic Fittings	3/4" Shockit socket, 13/16" Shockit socket, 7/8" Shockit socket, 15/16" Shockit socket, 1" Shockit socket, 1-1/16" Shockit socket, 1-1/8" Shockit socket, 1-3/16" Shockit socket, 1-1/4" Shockit socket, 1-5/16" Shockit socket, 11" Standard Shockit punch, tray and cover
LT1910	11-Piece Metric Shockit Crows Foot Set – Heavy-Duty Industrial/Hydraulic Fittings	14mm Shockit socket, 15mm Shockit socket, 16mm Shockit socket, 17mm Shockit socket, 18mm Shockit socket, 19mm Shockit socket, 20mm Shockit socket, 21mm Shockit socket, 22mm Shockit socket, 24mm Shockit socket, 11" Standard Shockit punch, tray and cover
LT1900XL	17-Piece SAE Shockit Crows Foot Set – Industrial/Hydraulic Fittings	1-3/8" Shockit crows foot, 1-7/16" Shockit crows foot, 1-1/2" Shockit crows foot, 1-9/16" Shockit crows foot, 1-5/8" Shockit crows foot, 1-11/16" Shockit crows foot, 1-3/4" Shockit crows foot, 1-13/16" Shockit crows foot, 1-7/8" Shockit crows foot, 1-15/16" Shockit crows foot, 2" Shockit crows foot, 2-1/8" Shockit crows foot, 2-3/16" Shockit crows foot, 2-1/4" Shockit crows foot, 2-3/8" Shockit crows foot, 2-1/2" Shockit crows foot, 11" standard Shockit punch, tray and cover
LT1910XL	17-Piece Metric Shockit Crows Foot Set – Industrial/Hydraulic Fittings	25mm Shockit crows foot, 26mm Shockit crows foot, 27mm Shockit crows foot, 29mm Shockit crows foot, 30mm Shockit crows foot, 32mm Shockit crows foot, 33mm Shockit crows foot, 35mm Shockit crows foot, 36mm Shockit crows foot, 38mm Shockit crows foot, 41mm Shockit crows foot, 42mm Shockit crows foot, 45mm Shockit crows foot, 46mm Shockit crows foot, 48mm Shockit crows foot, 50mm Shockit crows foot, 11" standard Shockit punch, tray and cover

AIR HAMMERS & ACCESSORIES

CAR REPAIR KITS

TORQUE EXTENSIONS & SOCKETS

TWIST SOCKETS

WHEEL & BRAKE

MISCELLANEOUS

SHOCKIT™ & OTHER

AIR HAMMERS &
ACCESSORIES

CAR REPAIR KITS

TORQUE
EXTENSIONS &
SOCKETS

TWIST
SOCKETS

WHEEL & BRAKE

MISCELLANEOUS

LT1920



LT1930



LT1920XL



LT1930XL



Shockit and XL Shockit Line Wrench Sets

Loosens the most difficult steering rack fittings using the force and vibration of an air hammer. The compact design reaches difficult line nuts in tight places. Safe and precise hammering with non-turning, offset punch and interlocking socket design that avoids slipping. Line wrenches are built to precise ISO 1174-2 DIN tolerances.

Item #	Name	Includes
LT1920	14-Piece SAE Shockit Line Wrench Set – Automotive/Hydraulic Line Fittings	1/4" Shockit socket, 5/16" Shockit socket, 3/8" Shockit socket, 7/16" Shockit socket, 1/2" Shockit socket, 9/16" Shockit socket, 5/8" Shockit socket, 11/16" Shockit socket, 3/4" Shockit socket, 13/16" Shockit socket, 7/8" Shockit socket, 15/16" Shockit socket, 1" Shockit socket, 11" standard Shockit punch, tray and cover
LT1930	13-Piece Metric Shockit Line Wrench Set – Automotive/Hydraulic Line Fittings	6mm Shockit socket, 7mm Shockit socket, 8mm Shockit socket, 9mm Shockit socket, 10mm Shockit socket, 11mm Shockit socket, 12mm Shockit socket, 13mm Shockit socket, 14mm Shockit socket, 15mm Shockit socket, 16mm Shockit socket, 17mm Shockit socket, 11" standard Shockit punch, tray and cover
LT1920XL	17-Piece SAE XL Shockit Line Wrench Set – Heavy Duty Industrial/Hydraulic Line Fittings	1-1/16" Shockit line wrench, 1-1/8" Shockit line wrench, 1-3/16" Shockit line wrench, 1-1/4" Shockit line wrench, 1-5/16" Shockit line wrench, 1-3/8" Shockit line wrench, 1-7/16" Shockit line wrench, 1-1/2" Shockit line wrench, 1-9/16" Shockit line wrench, 1-5/8" Shockit line wrench, 1-11/16" Shockit line wrench, 1-3/4" Shockit line wrench, 1-13/16" Shockit line wrench, 1-7/8" Shockit line wrench, 1-15/16" Shockit line wrench, 2" Shockit line wrench, 11" standard Shockit punch, tray and cover
LT1930XL	17-Piece Metric XL Shockit Line Wrench Set – Heavy Duty Industrial/Hydraulic Line Fittings	18mm Shockit line wrench, 19mm Shockit line wrench, 20mm Shockit line wrench, 21mm Shockit line wrench, 22mm Shockit line wrench, 23mm Shockit line wrench, 24mm Shockit line wrench, 25mm Shockit line wrench, 26mm Shockit line wrench, 27mm Shockit line wrench, 29mm Shockit line wrench, 30mm Shockit line wrench, 32mm Shockit line wrench, 33mm Shockit line wrench, 35mm Shockit line wrench, 36mm Shockit line wrench, 11" standard Shockit punch, tray and cover

LT840



Air Hammer Wrench Driver

Use your air hammer to drive your wrenches in difficult and hard to reach areas. Long reach – 19-1/2". Fits any wrench. Use on crank pulley bolts, fan clutches, and any inaccessible bolt or fastener. New and improved with no welding. Fully machined from bar stock steel.

SHOCKIT™ & TEXAS TWISTER™



Kentucky Kicker Kits

Remove the most stubborn nuts and bolts. Apply air hammer vibration and torque to any impact socket. The compact design reaches inaccessible fasteners. Square drive plug allows breaker bar and air hammer simultaneous operation. Safe and precise hammering with non-turning, offset punch and interlocking socket design that avoids slipping.

Item #	Name	Includes
LT1940-1/2	1/2" Kentucky Kicker Shockit Driver Kit	1/2" short throw Shockit driver, 1/2" long throw Shockit driver, 1/2" drive plug, 1/2" drive plug breaker bar, 11" standard Shockit punch
LT1940-3/4	3/4" Kentucky Kicker Shockit Driver Kit	3/4" short throw Shockit driver, 3/4" long throw Shockit driver, 3/4" drive plug, 3/4" drive plug breaker bar, 11" standard Shockit punch
LT1940-3/8	3/8" Kentucky Kicker Shockit Driver Kit	3/8" short throw Shockit driver, 3/8" long throw Shockit driver, 3/8" drive plug, 3/8" drive plug breaker bar, 11" standard Shockit punch



LT1910PK

Shockit Punch Kit

The LT1910PK contains patented Shockit offset punches that reach into difficult places and are compatible with all Shockit kits. Non-turning punches won't slip off the work area.

Item #	Name	Includes
LT1910PK	3-Piece Shockit™ Punch Kit	5.5" short Shockit punch, 11" standard Shockit punch, 22" long Shockit punch



Texas Twister Bidirectional Air Hammer

Use it as an air hammer or pneumatic slide hammer. Texas Twister BiDirectional air hammer can pound or pull at 2500 BMP. Install the included air lock plug into front of air hammer to convert to pneumatic puller. Use with Texas Twister LT855A kit accessories (not included with LT855-AH) for unlimited applications in automotive, aircraft, marine, heavy construction equipment, industrial machine repair, farm implement maintenance and manufacturing industries.

Item #	Name	Includes
LT855-AH	Texas Twister Bidirectional Air Hammer	BiDirectional air hammer, quick release chuck, air lock plug, 1/4" NPT adjustable brass air flow regulator, case
LT855-AH-SK	Texas Twister Bidirectional Air Hammer Starter Kit	BiDirectional air hammer, quick release chuck, air lock plug, 7" seal remover, 7" universal flat blade puller, 1/2-20 hex nut, 1/2" lock washer, 1/2-20 to 5/8-18 thread connector, 5/8"-18 finish hex nut for LT855-12, 5/8" lock washer for LT855-12, 1/4" NPT adjustable brass air flow regulator, case

AIR HAMMERS & ACCESSORIES

CAR REPAIR KITS

TORQUE EXTENSIONS & SOCKETS

TWIST SOCKETS

WHEEL & BRAKE

MISCELLANEOUS

TEXAS TWISTER™

AIR HAMMERS &
ACCESSORIES

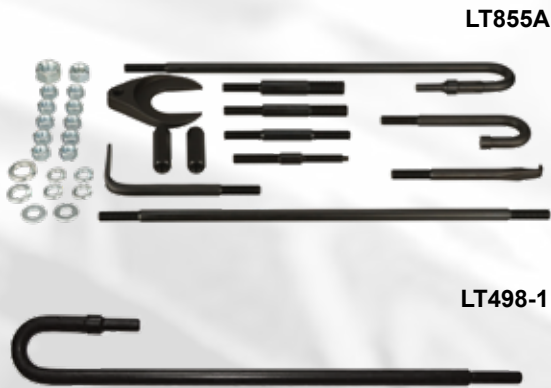
CAR REPAIR KITS

TORQUE
EXTENSIONS &
SOCKETS

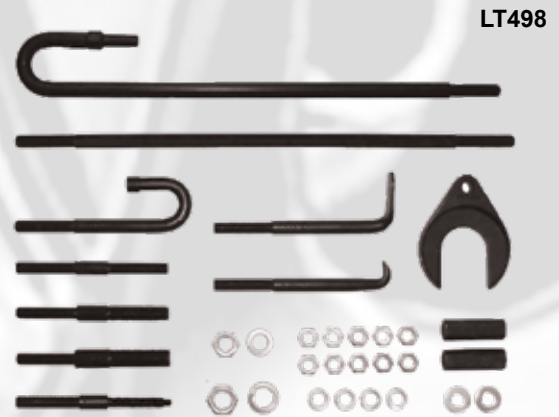
TWIST
SOCKETS

WHEEL & BRAKE

MISCELLANEOUS



LT855A



LT498



LT498-1

Texas Twister

Texas Twister converts your air hammer into a pneumatic slide hammer. Simply snap the Texas Twister curved air bit into the hammer with a bit attached. One hand operation allows you to hold parts with your other hand. Safe, fast, efficient and controlled part removal without parts and fluids crashing to the floor. Extend the reach of the tool by using the 20" extension. *2017 PTEN Innovation Award Winner*

Item #	Name	Includes
LT498	Big Nasty Texas Twister Air Hammer Pulling Kit	Big Nasty Texas Twister air hammer primary drive bar, 7" seal remover, 20" straight extension, 7" j-hook & reverse hammer, 7" universal flat blade puller, crows foot – 7" axle puller, 6" double-male extension, 2-1/2" double-female connector (2), 1/2-20 hex nut (10), 1/2" flat washer (2), 1/2" lock washer (4), 1/2"-20 to 5/8"-18 thread connector, 1/2"-20 to 3/4"-16 thread connector, 5/8"-18 finish hex nut for LT855-12 thread connector, 5/8" lock washer for LT855-12 thread connector, 3/4"-16 finished hex nut for LT855-13 thread connector, 3/4" medium split lock washer for LT855-13 thread connector, double-male vise-grip connector bolt, tray, case
LT498-1	Big Nasty Texas Twister Air Hammer Primary Drive Bar	Big Nasty Texas Twister air hammer primary drive bar
LT855A	Texas Twister Air Hammer Pulling Kit	20" primary drive bar, 7" seal remover, 20" straight extension, 7" j-hook & reverse hammer, 7" universal flat blade puller, crows foot – 7" axle puller, 6" double-male extension, 2-1/2" double-female connector (2), 1/2-20 hex nut (10), 1/2" flat washer (2), 1/2" lock washer (4), 1/2"-20 to 5/8"-18 thread connector, 1/2"-20 to 3/4"-16 thread connector, 5/8"-18 finish hex nut for LT855-12 thread connector, 5/8" lock washer for LT855-12 thread connector, 3/4"-16 finished hex nut for LT855-13 thread connector, 3/4" medium split lock washer for LT855-13 thread connector, double-male vise-grip connector bolt, disposable display packaging, case,



LT856

Texas Twister Dedicated Single Rod Universal Seal Puller

27" one piece designed for maximum strength and power. Tool tip has a radius curve design to hold seals securely during removal. No more ripped seals and housing marring. Forged and machined alloy steel, heat treated with non turning slots. Works on 90% of all seals and race bearings. Air hammer powered for easy user control. Easy one man operation. Easy on and off. Patent #7,036,211.

Item #	Name	Includes
LT856	Texas Twister Dedicated Single Rod Universal Seal Puller	Texas Twister dedicated single rod universal seal puller

MASTER CAR REPAIR KITS

AIR HAMMERS &
ACCESSORIES

CAR REPAIR KITS

TORQUE
EXTENSIONS &
SOCKETS

TWIST
SOCKETS

WHEEL & BRAKE

MISCELLANEOUS



Master Car Repair Kits

Eliminate automotive lock out problems in emergency situations. These kits unlock most domestic and foreign cars and trucks on the road today. Every kit includes a fully illustrated instruction manual and comes in a heavy duty carrying case.

Item #	Name	Pieces	Includes
LT-200	Mini Master Automotive Car Repair Kit	9	S-hook, slim jim, slide jim, plastic slip jim, trip jim, big jim, gas cap pick, j-tool, plastic wedge, case
LT-450	Deluxe Master Automotive Car Repair Kit	11	S-hook, slim jim, slide jim, plastic slip jim, trip jim, big jim, gas cap pick, lock tech tool, j-tool, plastic wedge (2), case
LT-500	Grand Master Automotive Car Repair Kit	14	S-hook, slim jim, slide jim, plastic slip jim, trip jim, big jim, gas cap pick, lock tech tool, Chrysler tool, j-tool, "I" tool, "J" hook vent, plastic wedge (2), case
LT-1000	Supreme Master Automotive Car Repair Kit	18	S-hook, slim jim, slide jim, gm tool, plastic slip jim, trip jim, big jim, gas cap pick, lock tech tool, new long jim, Chrysler tool, window guard separator, j-tool, peg leg tool, Porsche tool, plastic wedge (2), Inflate-A-Wedge, supreme master case

STANDARD CAR REPAIR KITS

AIR HAMMERS & ACCESSORIES

CAR REPAIR KITS

TORQUE EXTENSIONS & SOCKETS

TWIST SOCKETS

WHEEL & BRAKE

MISCELLANEOUS

LT-125

Easy Access Door Unlocking Kit

Get two tools in one with different shapes on each end of the 54" long rod. Whale tail tip design places more working tip on lock surfaces. Use with or without vinyl tips.



Item #	Name	Pieces	Includes
LT-125	Easy Access Door Unlocking Kit	6	Easy access tool, tips for whale tail tip (2), plastic slip jim, plastic door wedge (2)



Tip Shapes

LT-128

Skinny Rod Car Repair Kit

The NEW Skinny Rods have a zinc-plated, serrated tip edge for maximum gripping power. The 44" long rod is .187 inches in diameter with an offset tip. The 34" short rod is .125 inches in diameter with a u-shaped tip. Maximum strength and rigidity from stamped flat angled bend inflection points. Made in the USA with a lifetime warranty.



Item #	Name	Pieces	Includes
LT-128	Skinny Rod Car Repair Kit	3	Long rod with handle, short rod, universal wedge



Tip Shapes

LT-130

Easy Access Door Unlocking System

Get two tools in one with different shapes on each end of the 54" long rod. Whale tail tip design places more working tip on lock surfaces. Use with or without vinyl tips. The unique Inflate-A-Wedge™ allows you to safely separate the door frame from the vehicle body to insert a tool and unlock a vehicle.



Item #	Name	Pieces	Includes
LT-130	Easy Access Door Unlocking System	7	Easy access tool, tips for whale tail tip (2), plastic slip jim, plastic door wedge (2), Inflate-A-Wedge



Tip Shapes

LT135

2-Piece Easy Access Kit

Get easy storage from a collapsible, two-piece design. It is 53" long with a rigid design for easy through the window reach. Whale tail tip design places more working tip on lock surfaces. Use with or without vinyl tips. Green in color. Comes in a heavy duty bag. This kit also includes Plastic Slip Jim (LT-100) and two Plastic Door Wedges (LT271).



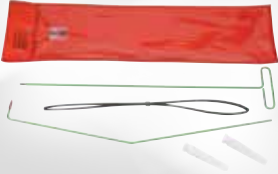
Item #	Name	Pieces	Includes
LT135	2-Piece Easy Access Kit	7	27-1/2" Rod with handle, 28-1/2" tip rod, plastic slip jim, plastic door wedge (2), LT146 tip, case for LT135 and LT140



Tip Shape

STANDARD CAR REPAIR KITS

LT140 2 Piece Easy Access & Inflate-A-Wedge Kit



Get easy storage from a collapsible, two-piece design. It is 53" long with a rigid design for easy through the window reach. Whale tail tip design places more working tip on lock surfaces. Use with or without vinyl tips. Green in color. Comes in a heavy duty bag. The unique Inflate-A-Wedge allows you to safely separate the door frame from the vehicle body to insert a tool and unlock a vehicle. This kit also includes Plastic Slip Jim (LT-100) and two Plastic Door Wedges (LT271).



Item #	Name	Pieces	Includes
LT140	2 Piece Easy Access & Inflate-A-Wedge Kit	8	27-1/2" Rod with Handle, 28-1/2" Tip Rod, Plastic Slip Jim, Plastic Door Wedge (2), Inflate-A-Wedge, LT146 Tip, Case



Tip Shape

LT145 Super Multi-Purpose Easy Access & Inflate-A-Wedge Kit



Get easy storage from a collapsible, two-piece design. It is 53" long with a rigid design for easy through the window reach. Whale tail tip design places more working tip on lock surfaces. Includes a middle extension to go across the car for long reach applications. Also includes a shorter tip for easier use with lock buttons. Rigid design for easy through-the-window reach. Use with or without vinyl tips. Green in color. Comes in a heavy duty bag. Also includes Plastic Slip Jim (LT-100) and two Plastic Door Wedges (LT271).



Item #	Name	Pieces	Includes
LT145	Super Multi-Purpose Easy Access & Inflate-A-Wedge Kit	11	27-1/2" Rod with Handle, 28-1/2" Tip Rod, 7" Tip Rod, 15" Extension, Plastic Slip Jim, Plastic Door Wedge (2), Inflate-A-Wedge, LT146 Tip (2), Case



Tip Shape

LT146 Quick Connect Car Repair Kit



Rod will not separate in use because of super-strong snap and lock design. Snap and lock design provides fast, quick connections in tough Car Repair situations. Whale tail tip design places more working tip on lock surfaces. Use with or without vinyl tips. Adjustable reach from 33" to 53". The unique Inflate-A-Wedge allows you to safely separate the door frame from the vehicle body to insert a tool and unlock a vehicle. This kit also includes a Plastic Slip Jim (LT-100) and two Plastic Door Wedges (LT271). Zinc plated. Also available is a 15" add-on extension – LT146-QD.



Item #	Name	Pieces	Includes
LT146	Quick Connect Car Repair Kit	10	27-1/2" Rod with Handle, 28-1/2" Tip Rod, 7" Tip Rod, Plastic Slip Jim, Plastic Door Wedge (2), Inflate-A-Wedge, LT146 Tip (2), Case



Tip Shape

AIR HAMMERS & ACCESSORIES

CAR REPAIR KITS

TORQUE EXTENSIONS & SOCKETS

TWIST SOCKETS

WHEEL & BRAKE

MISCELLANEOUS

WEDGES AND PICKS

AIR HAMMERS & ACCESSORIES

CAR REPAIR KITS

TORQUE EXTENSIONS & SOCKETS

TWIST SOCKETS

WHEEL & BRAKE

MISCELLANEOUS

LT148 Multi-Piece Car Repair Kit



Three piece rods with to tip lengths provide easy storage and adjusts to the job. Pieces connect with a super-strong 1/4" connector sleeve. Whale tail tip design places more working tip on lock surfaces. Use with or without vinyl tips. The unique Inflate-A-Wedge allows you to safely separate the door frame from the vehicle body to insert a tool and unlock a vehicle. This kit also includes a Plastic Slip Jim (LT-100) two Plastic Door Wedges (LT271) and Vinyl Storage Case. Lifetime warranty. Rods made in USA.



Item #	Name	Pieces	Includes
LT148	Multi-Piece Car Repair Kit	7	Rod with triangle handle, long angle extension, short angle extension, plastic slip jim, plastic door wedges (2), Inflate-A-Wedge , LT146 Tip (2), case



Tip Shape

LT271 Plastic Door Wedge

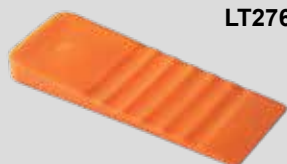


Dual use. Safely separates the door panel from the vehicle window. Holds door window during window regulator work.

LT275



LT276 Self-Locking Door Wedge



The washboard design surface of wedge self locks in door. Will not slide out of door during unlocking. Great when inserting inflatable air wedges. Extra wide for extra leverage. Use it with or without an air wedge. Great for window regulator installation. Holds glass steady against window rubber stripping.

Inflate-A-Wedge

The unique Inflate-A-Wedge allows you to safely separate the door frame from the vehicle body to insert a tool and unlock a vehicle.

LT-620 Grand Master Lock Pick Set



Designed for multiple makes and models of North American, European and Asian car manufactures. These picks are not for 10-cut ignitions, ignition systems equipped with PassKey, Smart Key anti-theft ignition systems, transponder based anti-theft systems or anti-theft ignition systems.



Item #	Name	Piece	Includes
LT-620	Grand Master Lock Pick Set	35	GM rocker lock pick #1, GM rocker lock pick #2, GM rocker lock pick #3, GM rocker lock pick #4, GM rocker lock pick #5, GM rocker lock pick #6, GM rocker lock pick #7, GM rocker lock pick #8, GM rocker lock pick #9, GM rocker lock pick #10, GM rocker lock pick #11, GM rocker lock pick #12, foreign rocker pick #1, foreign rocker pick #2, foreign rocker pick #3, foreign rocker pick #4, foreign rocker pick #5, foreign rocker pick #6, F rocker Ford lock pick #1, F rocker Ford lock pick #2, F rocker Ford lock pick #3, F rocker Ford lock pick #4, F rocker Ford lock pick #5, C rocker pick #1, C rocker pick #2, C rocker pick #3, C rocker pick #4, C rocker pick #5, C rocker pick #6, J lock pick #1, J lock pick #2, J lock pick #3, J lock pick #4, J lock pick #5, J lock pick #6, Gas cap pick tool, Lock pick tension wrench, Case for lt-620

TORQUE EXTENSIONS



Torque Extensions

The 1/2"-Drive Wheel Torque Extensions will torque wheel nuts on most foreign and domestic cars and light trucks to the correct torque, the first time, every time, with your thin wall or regular lug nut sockets. Since more vehicles every year have tight tolerances around the wheel nuts, this kit will help eliminate damage to wheels when torquing the wheel nuts.

Item #	Name	Piece	Drive	Includes
LT1400 (BB-Q)	Drive Wheel Torque Extensions	7	1/2"	LT1400BB-160 ft/lbs. (215 n.m.), LT1400C-100 ft/lbs. (135 n.m.), LT1400E-80 ft/lbs. (110 n.m.), LT1400F-65 ft/lbs. (90 n.m.), LT1400I-120 ft/lbs. (160 n.m.), LT1400K-110 ft/lbs. (150 n.m.), LT1400Q-140 ft/lbs. (190 n.m.)
LT1450	1/2"-Drive 4 Piece Wheel Torque Extension Kit	4	1/2"	LT1400C-100 ft/lbs. (135 n.m.), LT1400E-80 ft/lbs. (110 n.m.), LT1400F-65 ft/lbs. (90 n.m.), LT1400I-120 ft/lbs. (160 n.m.), LT1400WC-wheel torque extension color wall chart, case
LT1460	1/2"-Drive Wheel Torque Extension Kit	5	1/2"	LT1400C-100 ft/lbs. (135 n.m.), LT1400E-80 ft/lbs. (110 n.m.), LT1400F-65 ft/lbs. (90 n.m.), LT1400I-120 ft/lbs. (160 n.m.), LT1400Q-140 ft/lbs. (190 n.m.), LT1400WC-wheel torque extension color wall chart, case
LT1470	1/2"-Drive 7 Piece Wheel Torque Extension Kit	7	1/2"	LT1400C-100 ft/lbs. (135 n.m.), LT1400E-80 ft/lbs. (110 n.m.), LT1400F-65 ft/lbs. (90 n.m.), LT1400I-120 ft/lbs. (160 n.m.), LT1400K-110 ft/lbs. (150 n.m.), LT1400Q-140 ft/lbs. (190 n.m.), LT1400BB-160 ft/lbs. (215 n.m.), LT1400WC-wheel torque extension color wall chart, case

LT-1400WC



Wheel Torque Extension Color Wall Chart

The 13" x 15.6825" Wheel Torque Extension Color Chart is a must for any high volume tire or brake shop using Wheel Torque Extensions. Small size of chart allows you to store chart in a tool box or at a service bay. Fully updated every year and includes 7 color coded Wheel Torque Extension specs and the thousands of vehicles that they work on.



LT1600 (B-Y)



3/4" & 1" Drive Wheel Truck Extensions

These heavy duty truck extensions are designed to work with a 3/4" or 1"-drive impact gun and your lug nut sockets on large truck wheel nuts to the correct torque, the first time, every time. This kit will help eliminate damage to wheels when torquing the wheel nuts.

Item #	Name	Piece	Drive	Includes
LT1600 (B-Y)	3/4" & 1" Drive Wheel Truck Extensions	11	3/4"	LT1600O-175 ft/lbs, LT1600N-250 ft/lbs, LT1600U-350 ft/lbs, LT1600M-475 ft/lbs
			1"	LT1600T-175 ft/lbs, LT1600R-250 ft/lbs, LT1600S-350 ft/lbs, LT1600B-400 ft/lbs, LT1600P-475 ft/lbs, LT1600Y-550 ft/lbs, LT1600W-650 ft/lbs

AIR HAMMERS & ACCESSORIES

CAR REPAIR KITS

TORQUE EXTENSIONS & SOCKETS

TWIST SOCKETS

WHEEL & BRAKE

MISCELLANEOUS



PRODUCTIVITY MADE SIMPLE

TORQUE SOCKETS

AIR HAMMERS & ACCESSORIES

CAR REPAIR KITS

TORQUE EXTENSIONS & SOCKETS

TWIST SOCKETS

WHEEL & BRAKE

MISCELLANEOUS

LT1500 (A-Y)



LT1500



LT1510



LT1560



LT1590



LT1550



LT1593



LT1595



Torque Sockets

Wheel Torque Master Sockets will torque wheel nuts to the correct torque the first time, every time, on most makes and models of foreign & domestic cars, light trucks, SUVs and vans. Torque Master Sockets are easy to use and are color coded for quick identification. Using a torque socket avoids over-torquing wheel nuts and prevents major wheel and brake damage. These tools are designed for use with a 1/2"-drive impact wrench.

Full listings on next page ►

LT-1500WC



LT-1500LWC



Wheel Torque Socket Charts

A must for any business using wheel torque master sockets. Most comprehensive and detailed wheel torque chart available today. Chart shows vehicle listings from the early 1970's to present. Includes listings for cars, light trucks, vans, SUV's, minivans and EV's. Each line of chart lists the vehicle make, model, year, torque Ft/Lbs. and N.M., socket color and letter ID. 30 color coded wheel torque master sockets—2 new sockets for 2023—warnings, notes and correct wheel torquing procedures section for safety. Includes wheel nut tightening sequence on 4, 5, 6, 7, 8 and 10-nut wheels.



Item #	Name	Dimensions	Use Case
LT-1500WC	Wheel Torque Socket Color Wall Chart	13"x17"	Store in tool box or mount in service bay
LT-1500LWC	Wheel Torque Socket Laminated Wall Chart	28-1/4"x36-3/4"	Wall mount for full shop use

TORQUE SOCKETS

Item #	Name	Piece	Drive	Includes
LT1500 (A-Y)	Wheel Torque Sockets	28	1/2"	LT1500A–13/16" 100 ft/lbs. (135 n.m.), LT1500AA–22mm 80 ft/lbs. (110 n.m.), LT1500B–21mm 80 ft/lbs. (110 n.m.), LT1500BB–21mm 150 ft/lbs. (200 n.m.), LT1500C–3/4"/19mm 100 ft/lbs. (135 n.m.), LT1500CC–17mm 90 ft/lbs. (120 n.m.), LT1500D–21mm 60 ft/lbs. (80 n.m.), LT1500DD–21mm 100 ft/lbs. (135 n.m.), LT1500E–3/4"/19mm 80 ft/lbs. (110 n.m.), LT1500EE–22mm 140 ft/lbs. (190 n.m.), LT1500F–3/4"/19mm 65 ft/lbs. (90 n.m.), LT1500G–17mm 80 ft/lbs. (110 n.m.), LT1500GG–1 1/16" 80 ft/lbs. (110 n.m.), LT1500HH–11/16" 100 ft/lbs. (135 n.m.), LT1500I–7/8" 120 ft/lbs. (160 n.m.), LT1500J–1, 140 ft/lbs. (190 n.m.), LT1500K–17mm 110 ft/lbs. (150 n.m.), LT1500L–1" 170 ft/lbs. (230 n.m.), LT1500LL–22mm 175 ft/lbs. (235 n.m.), LT1500NN–3/4"/19mm 90 ft/lbs. (120 n.m.), LT1500Q–7/8" 140 ft/lbs. (190 n.m.), LT1500QQ–22mm 95 ft/lbs. (130 n.m.), LT1500RR–22mm 130 ft/lbs. (175 n.m.), LT1500S–3/4"/19mm 55 ft/lbs. (75 n.m.), LT1500SS–21mm 110 ft/lbs. (150 n.m.), LT1500TT–15/16" 135 ft/lbs. (175 n.m.), LT1500XX–13/16" 160 ft/lbs. (220 n.m.), LT1500Y–7/8" 100 ft/lbs. (135 n.m.), LT1500ZZ–21mm 90 ft/lbs. (120 n.m.)
LT1500	8 Piece Wheel Torque Master Kit	8	1/2"	LT1500A–13/16" 100 ft/lbs. (135 n.m.), LT1500B–21mm 80 ft/lbs. (110 n.m.), LT1500C–3/4"/19mm 100 ft/lbs. (135 n.m.), LT1500E–3/4"/19mm 80 ft/lbs. (110 n.m.), LT1500F–3/4"/19mm 65 ft/lbs. (90 n.m.), LT1500G–17mm 80 ft/lbs. (110 n.m.), LT1500I–7/8" 120 ft/lbs. (160 n.m.), LT1500Q–7/8" 140 ft/lbs. (190 n.m.), LT-1500WC-Wheel Torque Socket Color Wall Chart, case
LT1510	10 Piece Wheel Torque Master Kit	10	1/2"	LT1500A–13/16" 100 ft/lbs. (135 n.m.), LT1500B–21mm 80 ft/lbs. (110 n.m.), LT1500BB–21mm 150 ft/lbs. (200 n.m.), LT1500C–3/4"/19mm, 100 ft/lbs. (135 n.m.), LT1500E–3/4"/19mm 80 ft/lbs. (110 n.m.), LT1500F–3/4"/19mm 65 ft/lbs. (90 n.m.), LT1500G–17mm 80 ft/lbs. (110 n.m.), LT1500I–7/8" 120 ft/lbs. (160 n.m.), LT1500K–17mm 110 ft/lbs. (150 n.m.), LT1500Q–7/8" 140 ft/lbs. (190 n.m.), LT-1500WC-Wheel Torque Socket Color Wall Chart, case
LT1550	4 Piece Domestic Wheel Torque Master Kit	4	1/2"	LT1500A–13/16" 100 ft/lbs. (135 n.m.), LT1500C–3/4"/19mm 100 ft/lbs. (135 n.m.), LT1500E–3/4"/19mm 80 ft/lbs. (110 n.m.), LT1500I–7/8" 120 ft/lbs. (160 n.m.), LT-1500WC-Wheel Torque Socket Color Wall Chart, case
LT1560	4 Piece Light Truck & SUV Wheel Torque Master Kit	4	1/2"	LT1500BB–21mm 150 ft/lbs. (200 n.m.), LT1500I–7/8" 120 ft/lbs. (160 n.m.), LT1500Q–7/8" 140 ft/lbs. (190 n.m.), LT1500Y–7/8" 100 ft/lbs. (135 n.m.), LT-1500WC-Wheel Torque Socket Color Wall Chart, case
LT1590	9 Piece Wheel Torque Master Kit	9	1/2"	LT1500A–13/16" 100 ft/lbs. (135 n.m.), LT1500B–21mm 80 ft/lbs. (110 n.m.), LT1500BB–21mm 150 ft/lbs. (200 n.m.), LT1500C–3/4"/19mm 100 ft/lbs. (135 n.m.), LT1500E–3/4"/19mm 80 ft/lbs. (110 n.m.), LT1500F–3/4"/19mm 65 ft/lbs. (90 n.m.), LT1500G–17mm 80 ft/lbs. (110 n.m.), LT1500I–7/8" 120 ft/lbs. (160 n.m.), LT1500Q–7/8" 140 ft/lbs. (190 n.m.), LT-1500WC-Wheel Torque Socket Color Wall Chart, rack
LT1593	9 Piece Wheel Torque Master Kit	9	1/2"	LT1500A–13/16" 100 ft/lbs. (135 n.m.), LT1500B–21mm 80 ft/lbs. (110 n.m.), LT1500BB–21mm 150 ft/lbs. (200 n.m.), LT1500C–3/4"/19mm 100 ft/lbs. (135 n.m.), LT1500E–3/4"/19mm 80 ft/lbs. (110 n.m.), LT1500F–3/4"/19mm, 65 ft/lbs. (90 n.m.), LT1500G–17mm 80 ft/lbs. (110 n.m.), LT1500I–7/8" 120 ft/lbs. (160 n.m.), LT1500Q–7/8" 140 ft/lbs. (190 n.m.), LT-1500WC-Wheel Torque Socket Color Wall Chart, case
LT1595	12 Piece Torque Master Kit	12	1/2"	LT1500A–13/16" 100 ft/lbs. (135 n.m.), LT1500B–21mm 80 ft/lbs. (110 n.m.), LT1500BB–21mm 150 ft/lbs. (200 n.m.), LT1500C–3/4"/19mm 100 ft/lbs. (135 n.m.), LT1500DD–21mm 100 ft/lbs. (135 n.m.), LT1500E–3/4"/19mm, 80 ft/lbs. (110 n.m.), LT1500F–3/4"/19mm 65 ft/lbs. (90 n.m.), LT1500G–17mm 80 ft/lbs. (110 n.m.), LT1500I–7/8" 120 ft/lbs. (160 n.m.), LT1500K–17mm 110 ft/lbs. (150 n.m.), LT1500Q–7/8" 140 ft/lbs. (190 n.m.), LT1500TT–15/16" 135 ft/lbs. (175 n.m.), LT-1500WC-Wheel Torque Socket Color Wall Chart, case

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LT 4240



LT 4400



LT 4500



LT 4501



LT 4600



LT 4700



LT 4800



LT 4850

Twist Socket Removal Kits

Easily remove damaged nuts, studs, pipe nipples and bolts.

Full listings on next page ►



LT400-17



LT4200A



LT 4300



LT400-25



LT 4350

Dual-Sided Twist Socket Lug Nut Removers

Use for the removal of damaged/rounded lug nuts plus OEM and aftermarket locking lug nuts. Works with a breaker bar or other related tool.

Item #	Name	# of Flutes	Piece(s)	For Lug Nut Size(s)	Includes
LT400-17	Dual-Sided Twist Socket Lug Nut Remover	6	1	17 mm	–
LT400-25	Dual-Sided Twist Socket Lug Nut Remover	12	1	3/4", 19 mm, 13/16" and 21 mm	–
LT4200A	Dual-Sided Twist Socket Lug Nut Remover	6	1	3/4", 19 mm, 13/16" and 21 mm	–
LT 4300	3-Piece Twist Socket Lug Nut Removal System	6 and 12	3	3/4", 19 mm, 13/16" and 21 mm	LT4200A–dual-sided twist socket (6-fluted), LT400-25–dual-sided twist socket (12-fluted), LT-400-7–extractor punch
LT 4350	4 Piece Twist Socket Lug Nut Removal System	6 and 12	4	17 mm , 3/4", 19 mm, 13/16" and 21 mm	LT4200A–dual-sided twist socket (6-fluted), LT400-17–Dual Sided 17 mm Wheel Lock Removal Tool, LT400-25–dual-sided twist socket (12-fluted), LT-400-7–extractor punch

TWIST SOCKETS

Item #	Name	Piece	Drive	Includes
LT 4240	1/2"-Drive 5-Piece Locking Lug Nut Twist Socket Removal Kit	5	1/2"	LT 4400-30–19 mm & 3/4" twist socket, LT 4400-35–13/16" twist socket, LT 4400-50–1" twist socket, LT 4400-70–1-3/16" twist socket, LT-400-7–extractor punch, LT-4400-55–8" rail with 5, 1/2" clips
LT 4400	1/2"-Drive 6-Piece Twist Socket Removal Kit	6	1/2"	LT 4400-30–19 mm & 3/4" twist socket, LT 4400-35–13/16" twist socket, LT 4400-40–7/8" twist socket, LT 4400-45–15/16" twist socket, LT 4400-50–1" twist socket, LT-400-7–extractor punch, LT-4400-55–8" rail with 5, 1/2" clips
LT 4500	3/8"-Drive 9-Piece Twist Socket Fastener Removal System	9	3/8"	LT 4510–10 mm drive twist socket, LT 4511–11 mm & 7/16" drive twist socket, LT 4512–12 mm drive twist socket, LT 4513–13 mm drive twist socket, LT 4514–14 mm drive twist socket, LT 4515–15 mm drive twist socket, LT 4516–16 mm & 5/8" drive twist socket, LT 4517–17 mm drive twist socket, LT 4519–19 mm & 3/4" drive twist socket, LT-4520–9-piece metal rack
LT 4501	3/8"-Drive 9-Piece Twist Socket Fastener Removal System	9	3/8"	LT 4510–10 mm drive twist socket, LT 4511–11 mm & 7/16" drive twist socket, LT 4512–12 mm drive twist socket, LT 4513–13 mm drive twist socket, LT 4514–14 mm drive twist socket, LT 4515–15 mm drive twist socket, LT 4516–16 mm & 5/8" drive twist socket, LT 4517–17 mm drive twist socket, LT 4519–19 mm & 3/4" drive twist socket, LT-4520–9-piece case
LT 4600	3/8"-Drive 13-Piece Twist Socket Fastener Removal System	13	3/8"	LT 4510–10 mm drive twist socket, LT 4511–11 mm & 7/16" drive twist socket, LT 4512–12 mm drive twist socket, LT 4513–13 mm drive twist socket, LT 4514–14 mm drive twist socket, LT 4515–15 mm drive twist socket, LT 4516–16 mm & 5/8" drive twist socket, LT 4517–17 mm drive twist socket, LT 4519–19 mm & 3/4" drive twist socket, LT 4620–3/8" twist socket, LT 4621–1/2" twist socket, LT 4622–3/8" drive 9/16" twist socket, LT 4623–11/16" twist socket, LT-4630–13-piece metal rack
LT 4700	3/8"-Drive (Deep Well) 13-Piece Twist Socket Damaged Fastener Removal System	13	3/8"	LT 4510-D–10 mm drive twist deep socket, LT 4511-D–11 mm & 7/16" drive twist deep socket, LT 4512-D–12 mm drive twist deep socket, LT 4513-D–13 mm drive twist deep socket, LT 4514-D–14 mm drive twist deep socket, LT 4515-D–15 mm drive twist deep socket, LT 4516-D–16 mm & 5/8" drive twist deep socket, LT 4517-D–17 mm drive twist deep socket, LT 4519-D–19 mm & 3/4" drive twist deep socket, LT 4620-D–3/8" deep well twist socket, LT 4621-D–1/2" deep well twist socket, LT 4622-D–9/16" deep well twist socket, LT 4623-D–11/16" deep well twist socket, LT 4630–13-piece metal rack
LT 4800	3/8"-Drive 7-Piece Twist Socket Oil Drain Plug Removal System	7	3/8"	LT 4513–13 mm drive twist socket, LT 4515–15 mm drive twist socket, LT 4516–16 mm, 5/8" drive twist socket, LT 4517–17 mm drive twist socket, LT 4519–19 mm & 3/4" drive twist socket, LT 4622–9/16" twist socket, LT 4822–22 mm twist socket, LT-4800R–7-piece metal rack
LT 4850	3/8" Drive 3 Piece Twist Socket Transmission Drain Plug Removal System	3	3/8"	LT 4510–10 mm drive twist socket, LT 4621–2" twist socket, LT 4851–8 mm twist socket, LT-4850R–3-piece 3/8" metal rack 4" rail

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LT1240



LT1250



LT1260



LT1270

Dual-sided Sockets

Use these dedicated sockets every time you remove damaged/distorted lug nuts with steel caps. These lug nuts become distorted due to improper leverage using the factory supplied tire iron. Removing over-torqued lug nuts during extreme cold/heat also distorts lug nut cap. Dual flip 1/2"-drive impact socket design.



Item #	Name	Drive	Piece(s)	For Lug Nut Size(s)	Includes
LT1230	5-Piece 1/2"-Drive Dual-Sided Socket Lug Nut Removal Kit w/ Punch	1/2"	5	18.5 mm, 19.5 mm, 21 mm, 21.5 mm, 22 mm, 22.5 mm, 1-1/16", 27.5 mm	LT1240, LT1250, LT1260, LT1270, extractor punch, pouch
LT1233	4-Piece 1/2"-Drive Dual-Sided Socket Lug Nut Removal Kit w/ Punch	1/2"	4	18.5 mm, 19.5 mm, 21 mm, 21.5 mm, 22 mm, 22.5 mm	LT1240, LT1250, LT1260, extractor punch, case
LT1240	1/2"-Drive Dual-Sided Socket Lug Nut Remover Tool 21/21.5mm Chrome Cap Buster	1/2"	1	21 mm, 21.5 mm	—
LT1250	1/2"-Drive Dual-Sided Socket Lug Nut Remover Tool 18.5/19.5mm Chrome Cap Buster	1/2"	1	18.5 mm, 19.5 mm	—
LT1260	1/2"-Drive Dual-Sided Socket Lug Nut Remover Tool 22/22.5mm Chrome Cap Buster	1/2"	1	22 mm, 22.5 mm	—
LT1270	1/2"-Drive Dual-Sided Socket Lug Nut Remover Tool 1 1/16"/27.5mm Chrome Cap Buster	1/2"	1	1-1/16", 27.5 mm	—



LT4875



LT4875A



LT4876



LT4876A

Lug Nut Removal Flip Sockets

These Lug Nut Removal Flip Sockets are for the easy removal of lug nuts. The thin wall flip sockets allow for removal of lug nuts on specialty wheels and tight tolerances. Individually packaged.

Item #	Name	Thin Walled	Piece(s)	For Lug Nut Size(s)
LT4875	Lug Nut Removal Flip Socket	No	1	3/4", 19 mm, 13/16"
LT4875A	Lug Nut Removal Flip Socket	Yes	1	3/4", 19 mm, 13/16"
LT4876	Lug Nut Removal Flip Socket	No	1	19 mm, 21 mm
LT4876A	Lug Nut Removal Flip Socket	Yes	1	19 mm, 21 mm

LT1350

Lug Ripper II

Don't torch frozen/damaged lug nuts off! Drill out the lug nut threads and the wheel stud ONLY in 11 minutes or less. Easily replace damaged lug nut and wheel stud. Does not damage rim. New and improved 16 mm step up cobalt drill bit. Comes with a locking collar clamp for safety. Includes 4 drill guides. Packaged in a custom blow molded carrying case.



Item #	Name	Piece	Includes
LT1350	Lug Ripper II	7	LT1350-1—Guide 11/16" (17 mm), LT1350-2—Guide 3/4" (19 mm), LT1350-3—Guide 13/16" (21 mm), LT1350-4—Guide 7/8" (23 mm), LT1350-5—Collar clamp 5/8" (16 mm), LT1350-6—Drill bit 5/8" (16 mm), LT820-7—L-Type Double-end hex key wrench (5/32" Allen Wrench), case

LT1350-8

Water Bladder

Conveniently portable coolant source. A must for keeping your Lug Ripper II cool. Hang it on the vehicle, no matter where you are, using the two included s-hooks. Keep coolant flowing when no water source is available. Allows for one person operation. Includes 6' hose with water control valve.



LT2510

E-Z Loader Magazine Lug Nut Socket

The E-Z Loader is a magazine loading impact socket for multiple lug nut removal. The E-Z Loader removes up to 5 3/4", 19 mm lug nuts at the wheel work site and allows the mechanic to release all of the lug nuts at once. No more rolling or lost lug nuts and wasted motion. The E-Z Loader also adjusts type 9, 12 and 16 cubic inch air chambers that are equipped with 1/2" 20 threaded rod and 3/4" nut. A real time saver. A "MUST" tool for tire shops, brake shops, and locations with high volume wheel removal.



LT465

Wheel Hanger

Wheel Hanger Guides slide into wheel lug nut holes and rotor holes without using threads aiding technicians during wheel mounting. Saves time—no threads, no turning wheel guides to install and remove. Helps prevent scratches on expensive wheels. Works on Mercedes, Audi, BMW, Mini Cooper, SAAB and Volvo vehicles. Supports wheel/tire so technician can easily thread lug nut bolts into brake rotor. Made of durable bulletproof polycarbonate plastic.



Item #	Name	Piece	Includes
LT465	12 mm & 14 mm Wheel Hanger Guides	2	LT465-12—12 mm wheel hanger stud, LT465-14—14 mm wheel hanger stud

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Wheel Lock Kits
These are factory reproduced master wheel lug nut key/bolt kit for the removal wheel lug nut locks. Each set is identical to the factory set—even using the same factory part numbers. Every set is packaged in a custom blow molded carrying case.

Full listings on next page ►



Deluxe Hubcap and Wheel Lock Removal Kit
The LT-4000 safely removes and replaces GM, Ford, and Chrysler wire wheel hubcap locks on 1978-1997 vehicles. This kit also removes factory and most after market mag wheel locking nut locks. Includes the LT4200A Dual Sided Twist Socket Lug Nut Remover. Includes instructions and is packaged in a custom carrying case.

Item #	Name	Piece	Includes
LT-4000	Deluxe Hubcap and Wheel Lock Removal Kit	9	LT400-3—GM splined hubcap remover, LT400-4—Ford/Chrysler cylinder, LT400-11—Socket installing driver, LT400-12—small dual-sided socket, LT400-13—large dual-sided socket, LT400-16—Chrysler cylinder, LT400-18—GM hubcap lock remover, LT4200A—dual-sided twist socket (6-Fluted), LT-400-7—extractor punch, case

WHEEL TOOLS

Item #	Name	Generation	Piece	Includes
LT4150	VW/AUDI Wheel Lock Key Kit	1st generation	23	LT4150-51/6PT, LT4150-52/7PT, LT4150-53/8PT, LT4150-54/9PT, LT4150-55/10PT, LT4150-56/11PT, LT4150-57/12PT, LT4150-58/13PT, LT4150-59/14PT, LT4150-60/15PT, LT4150-61/16PT, LT4150-62/17PT, LT4150-ABC0/10PT, LT4150-ABC1/11PT, LT4150-ABC2/13PT, LT4150-ABC3/14PT, LT4150-ABC4/15PT, LT4150-ABC5/16PT, LT4150-ABC6/17PT, LT4150-ABC7/19PT, LT4150-ABC8/20PT, LT4150-ABC9/21PT, LT4150-SOCKET – Wheel screw lock socket, case
LT4155	VW 2nd Generation Wheel Lock Master Key Set	2nd generation (2009–present)	20	LT4155-521, LT4155-522, LT4155-523, LT4155-524, LT4155-525, LT4155-526, LT4155-527, LT4155-528, LT4155-529, LT4155-530, LT4155-531, LT4155-532, LT4155-533, LT4155-534, LT4155-535, LT4155-536, LT4155-537, LT4155-538, LT4155-539, LT4155-540, case
LT4160	BMW Wheel Lock Bolt Kit	1st generation	21	LT4160-11/15PT, LT4160-12/14PT, LT4160-13/16PT, LT4160-14/12PT, LT4160-15/11PT, LT4160-16/10PT, LT4160-17/7PT, LT4160-18/13PT, LT4160-19/8PT, LT4160-20/9PT, LT4160-30/13PT, LT4160-31/15PT, LT4160-32/16PT, LT4160-33/17PT, LT4160-34/18PT, LT4160-35/19PT, LT4160-36/20PT, LT4160-37/21PT, LT4160-38/22PT, LT4160-40/23PT, LT4160-SOCKET – Wheel screw lock socket, case
LT4165	BMW 2nd Generation Wheel Lock Master Key Set (Same as Mercedes “B” Wheel Lock Master Key Set. Covers 20 of the 60 Mercedes Benz/BMW master wheel lock keys.)	2nd generation (2011–present)	20	LT4165-041, LT4165-042, LT4165-043, LT4165-044, LT4165-045, LT4165-046, LT4165-047, LT4165-048, LT4165-049, LT4165-050, LT4165-051, LT4165-052, LT4165-053, LT4165-054, LT4165-055, LT4165-056, LT4165-057, LT4165-058, LT4165-059, LT4165-060, case
LT4170	Porsche Wheel Master Lock Set	2006–present	20	LT4170-50, LT4170-51, LT4170-52, LT4170-53, LT4170-54, LT4170-55, LT4170-56, LT4170-57, LT4170-58, LT4170-59, LT4170-60, LT4170-61, LT4170-62, LT4170-63, LT4170-64, LT4170-65, LT4170-66, LT4170-67, LT4170-68, LT4170-69, case
LT4175	Audi Wheel Master Lock Set	2006–present	20	LT4175-801, LT4175-802, LT4175-803, LT4175-804, LT4175-805, LT4175-806, LT4175-807, LT4175-808, LT4175-809, LT4175-810, LT4175-811, LT4175-812, LT4175-813, LT4175-814, LT4175-815, LT4175-816, LT4175-817, LT4175-818, LT4175-819, LT4175-820 Wheel Lugnut Bolt Key, case
LT4180	Mercedes Benz “A” Wheel Lock Master Key Set	–	30	LT4180-301, LT4180-302, LT4180-303, LT4180-304, LT4180-305, LT4180-306, LT4180-307, LT4180-308, LT4180-309, LT4180-310, LT4180-311, LT4180-312, LT4180-313, LT4180-314, LT4180-315, LT4180-316, LT4180-317, LT4180-318, LT4180-319, LT4180-320, LT4180-321, LT4180-322, LT4180-323, LT4180-324, LT4180-325, LT4180-326, LT4180-327, LT4180-328, LT4180-329, LT4180-330, case
LT4181	Mercedes Benz “C” Wheel Lock Master Key Set	–	10	LT4181-321B, LT4181-322B, LT4181-523, LT4181-324B, LT4181-325B, LT4181-326B, LT4181-327B, LT4181-328B, LT4181-329B, LT4181-330B, case

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LT4569 Vehicle Rotating Ring Lug Nut Removal Kit

Easily remove rotating ring lug nuts from German and most other vehicles with rotating ring wheel locks. Use the high-heat resistant LT4569A Silicon Welding Shield to protect wheel from heat damage. Then a Mig welder is used to apply weld slag material at four front corners of lug nut. The extra weld material welded to face of the lug nut will provide an ideal surface for the LT4569B Twist Socket to grab lug nut for easy removal. LT4569A consumable item with factory defect warranty only. LT4569B has a lifetime warranty. Patent Pending on LT4569A Silicon Welding Shield.

2018 PTEN Innovation Award Winner

Item #	Name	Piece	Includes
LT4569	Vehicle Rotating Ring Lug Nut Removal Kit	2	LT4569A – Silicone lugnut weld splatter shield, LT4569B – Fluted dual-sided twist socket (12-fluted)



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LT4996

17-Piece Foreign & Domestic Brake Caliper Socket and Bit Kit

Increase applications for most domestic as well as foreign vehicle brake calipers. Most car brake caliper bit/sockets when you need them. Packaged in a custom blow molded case. The LT4996 upgrades and replaces the LT4995 effective 7/1/2020. Individual parts for LT4995 are available as needed.

Item #	Name	Piece	Drive Size	Drive Type	Includes
LT4996	17-Piece Foreign and Domestic Brake Caliper Socket Kit	17	1/4"	Bit	LT4995-H9X20–9 mm x 20 mm stubby bit socket
			3/8"	Bit	LT4995-H11X100–11 mm x 100 mm bit socket, LT4995-H7X92–7 mm x 92 mm bit socket, LT4995-H7X65–7 mm x 65 mm bit socket, LT4995-H8X24–8 mm x 24 mm stubby bit socket, LT4995-H7X24–7 mm x 24 mm stubby bit socket, LT4995-H9X50–9 mm x 50 mm bit socket
		1/2"	Bit	Bit	LT4996-BIT 10 mm–pentagon Bit socket 10 mm
			socket	socket	LT4996-PENT 10MM–pentagon 10 mm brake caliper socket, LT4996-10PT 20MM–10-point 20 mm brake caliper socket, LT4996-PENT 12.5MM–pentagon 12.5 mm brake caliper socket, LT4996-10PT 15MM–10-point 15 mm brake caliper socket, LT4996-PENT 14MM–pentagon 14 mm brake caliper socket, LT4996-PENT 19MM–pentagon 19 mm brake caliper socket, LT4996-7PT–7-point brake caliper socket, LT4995-AS22–AS22 x 48 mm brake socket, LT4995-11.5X50–10-point 11.5 mm x 50 mm brake socket
		–	–	–	Case



LT993

Re-threading Kit

The LT993 re-threads damaged brake wheel cylinders, master cylinder fittings, ABS control module fittings and brake line fittings on vehicles. Works on vehicle where stand alone tap and dies won't fit. Convenient, fast and easy vehicle applications. Compact design male/female combo sockets. Includes most common sizes.

2016 PTEN Innovation Award Winner

Item #	Name	Piece	Includes
LT993	Brake Re-threading Kit	6	7/16"-24 male/female rethread socket, 5/8"-18 male/female rethread socket, 3/8"-24 male/female rethread socket, 10mm-1.0 male/female rethread socket, 1/2"-20 male/female rethread socket, 12mm-1.0 male/female rethread socket, case

BRAKE TOOLS

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LT891 Bendix/Knorr-Bremse Air Disk Brake Pad Remover

The only tool made for servicing Bendix/Knorr-Bremse air disc brakes. Provides safer and easier way to remove pad retainer on both left and right side calipers. Heat treated for strength and durability with an easy grip handle. Designed to work with or without caliper shield. *Patent pending. Lifetime warranty for manufacturing defects only*



LT770 Universal Brake Piston Press

The LT770 Universal Brake Piston Press is for pressing in dual brake pistons and single brake pistons. Universal application for most cars, light and heavy duty trucks. Single piece operation – eliminates nuts and bolts to assemble and disassemble on brake assemblies.



LT890 Truck Brake Spring Tool

Quickly, easily and safely connects and removes rear drum brake return springs. Easy one hand operation. Slotted ends on tool always hold spring at correct work angle. No need to leverage tool against a solid surface during spring installation.



LT895 Eaton Truck Brake Spring Tool

Quickly, easily and safely install and remove Eaton air brake shoe anchor springs. Universal fit for all Eaton air brake shoe anchor springs.



LT830A Universal Hub Shocker

Safely remove all frozen hubs instantly without damaging the axle. Universal fit mounts to all axle bolted hubs, 5, 6 and 8 lug hubs. Mounts to two studs using the supplied flanged nuts in seconds. Use with 5lb. hammer to knock frozen hubs out of axles. Flanged nuts included for improved safety and performance. Ideal for Dodge and other HD trucks. Two mounting holes in 3/4" steel back plate. 1/4" steel square tubing and striking plate. *One year limited warranty for factory defects only.*



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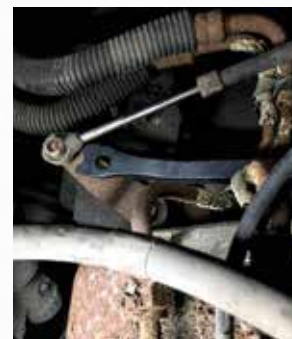
LT-230 Magnetic Nut Holder

The LT-230 Magnetic Nut Holder has a flexible stainless steel body with pivoting magnetic head to reduce the risk of losing hard to reach nuts. Clips onto open and box end wrenches. The LT-230 Magnetic Nut Holder fits 3/8" – 3/4" and 10mm – 19mm wrenches.



LT2650 Transmission Popper

The LT2650 shifts transmissions into neutral from under hood with no key. Use pry bar fork end to separate transmission shift cable from transmission selector gear. Slide hole on end of pry bar over shift cable retaining pin on transmission selector gear to move selector gear into NEUTRAL position. Two tools in one – use fork end of tool to pop out body panel grommets. Great for moving or towing vehicles with no key. Must have tool for auto recovery. 24" long with angled tip for easy operation.



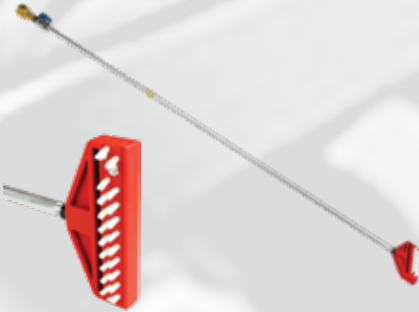
LT730 Subaru Axle Pin Removal Tool

The LT730 removes and installs roll pins for easy axle removal. This tool has a magnetized tip to help the roll pin from falling into hidden access areas around axle. The magnetized tip holds new roll pin for easy alignment and insertion into new axle. Works on all AWD Subaru trans-axle assemblies.



LT886 Radiator Rocket Coil and Line Cleaner

The Radiator Rocket is ideal for the daily cleaning of cooling coils for radiators, trans lines, oil, and fuel lines used in heavy duty work environments on trailer truck, dump truck, earth moving, and tractor vehicles. It can be configured in 3 foot or 2 foot lengths eliminating need for vehicle jacks or lifts to access buried coils. The four inch air slots for maximum air cleaning volume and pressure. A removable brush head gives access to space constrained coils. The Radiator Rocket is designed for shop and field use. Can also be used with water - now includes 3/4" x 1/4" NPT brass hose adaptor.



LT940 Gas Tank Fuel Pump Removal Tool

This tool removes plastic fuel pump retaining rings. Universal adjustable design fits most plastic retaining rings. Increased length of ears and slots in ears allow for wider application for more secure fit when grabbing teeth around fuel pump retaining rings. Prevents damage to original retaining ring. Use with a 1/2" drive extension and ratchet. Use to re-install old retaining ring.



LT740 Funnel Lok™

The Funnel Lok™ hands-free funnel holder is a simple, yet revolutionary tool designed to hold any standard-size funnel firmly in place—making it easy to transfer gasoline, oil, coolant, or any other fluids and powders without slipping or spilling. Provides a stable “third hand”. Shaped like a pair of pliers with spring torque action, the Funnel Lok™ features four stabilizing prongs that can be inserted into any container or tank opening from 1-1/4" to 2-1/4" in size. This creates a steady base for the funnel to be held securely in place by the adjustable rings. Made of durable ABS material. Allows the air to vent, which eliminates the risk of blow back. It not only prevents spills of potentially hazardous chemicals, but its hands-free design allows containers to fully drain.



AIR HAMMERS &
ACCESSORIES

CAR REPAIR KITS

TORQUE
EXTENSIONS &
SOCKETS

TWIST
SOCKETS

WHEEL & BRAKE

MISCELLANEOUS

MISCELLANEOUS

AIR HAMMERS & ACCESSORIES

CAR REPAIR KITS

TORQUE EXTENSIONS & SOCKETS

TWIST SOCKETS

WHEEL & BRAKE

MISCELLANEOUS



LT991 Hollow End Line Taps

Hollow end line taps rethread female fittings without line removal. Hollow end taps slide over flared end of line easily, rethreading female connector. Use on A/C, brakes, oil, trans, and heater lines and coils.



LT999 SAE Thread Chaser Socket Kit

Recondition threads on SAE high pressure male/female fittings. Hollow end tap slides over flared end of line for easy re-threading female connector. Compact design with pass through bored out center hole on each socket. Allows thread reconditioning with flared tip supply line inside pressure fitting. Ideal for gas, AC, and liquid high pressure fittings common in heavy equipment, trucking, marine, and aircraft industries. Easy hand operation with supplied handle.



Item #	Name	Pieces	Includes
LT999	SAE Thread Chaser Socket Kit	6	5/8–18 UNF, 3/4–16 UNF, 7/8–14 UNF, 1–14 UNF, 1-1/16–14 UNF, handle and case

Specialty Automotive Repair Tools Broken Bolts & More



PMXPWT220PRO



PMXRBYPP



PMXTOM450PRO



PMXPDT250

QUALITY | PRECISION | PRODUCTIVITY
WWW.PROMAXXTOOL.COM | 724-941-0941

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EXHAUST MANIFOLD REPAIR KITS

FORD
REPAIR KITS

POWER STROKE
REPAIR KITS

GM
REPAIR KITS

CDJR & COMBO
REPAIR KITS

CLASS 8

WHEEL BEARING
PULLER

FUEL INJ., OIL TUBES,
OIL SEALS, & MORE

ACCESSORIES



EMR

Ford® Diesel 6.0L, 6.4L
PMXL200PRO
Leo



EMR

Ford® 7.3L Diesel
PMXGD300PRO
Greta



SCAN TO SHOP



EMR

Ford® 4.0L Explorer
PMXTRN200PRO
Tarin



EMR

Ford® 6.2L V8
PMXG300PRO
Megan



EMR

Ford® 6.7L Diesel
Oil Pan Repair
PMXOPR300PRO
OPR



EMR

Ford® Gas 4.6L, 5.4L, 6.8L
PMXR200PRO
Rocky



EMR

Ford® Gas 4.6L, 5.4L, 6.8L
Ford® Diesel 6.0L, 6.4L
PMXRII200PRO
Rocky II



EMR

Ford® 3.0L
PMXC200PRO
Marcia

FORD ECOBOOST REPAIR KITS



SCAN TO SHOP



EMR

Ford® 1.6L EcoBoost
PMXNIC200PRO
Nicole



EMR

Ford® 3.5L EcoBoost®
PMXEI200PRO
Elizabeth II



IMR

3.5L Intake Manifold
PMXIMR300PRO
Grace



Turbo Mount

3.5L Turbo Mount
PMXTBM200PRO
Turbo/Manifold



IGN

Ford® 3.5L & 5.0L
PMXIGN300PRO
Broken Ignition Coil
Hold Down Bolt



Downloadable
Free View App

**Broken Ignition Coil
Hold Down Bolt
3.5L & 5.0L**

PMXIGN300PRO
PMXIGN300PROP
PMXIGN300PVW

Go digital! The ProView Kit includes a high-resolution digital camera.

FORD
REPAIR KITS

POWER STROKE
REPAIR KITS

GM
REPAIR KITS

CDJR & COMBO
REPAIR KITS

CLASS 8

WHEEL BEARING
PULLER

FUEL INJ., OIL TUBES,
OIL SEALS, & MORE

ACCESSORIES

POWER STROKE REPAIR KITS

FORD
REPAIR KITS

POWER STROKE
REPAIR KITS

GM
REPAIR KITS

CDJR & COMBO
REPAIR KITS

CLASS 8

WHEEL BEARING
PULLER

FUEL INJ., OIL TUBES,
OIL SEALS, & MORE

ACCESSORIES



EGR

**Ford® Diesel 6.7L
EGR Tube Bolt**
PMXN200PRO
Nino



FUEL INJ.

**Ford® 6.7L Diesel
Fuel Inj. Hold Down Bolt**
PMXO200PRO
Nico



SCAN TO SHOP



EMR

Ford® 6.7L Diesel
PMXP200PRO
Payton

NEW



FUEL INJ.

Ford® 6.7L Diesel
PMXISP200PRO
Inj. Compression Seal Puller

NEW



FUEL INJ.

Ford® 6.7L Diesel
PMXISS200PRO
Injector Seal Saver

NEW



FUEL INJ.

Ford® 6.7L Diesel
Fuel Inj. Seat
PMXRBY300PRO
Robby

NEW



FUEL INJ.

Ford® 6.7L Diesel
Fuel Inj. Service Kit
PMXRBY300PRO
Robby/PowerPull 200

NEW



FUEL INJ.

Ford® 6.7L Diesel
PMXPWP200PRO
PowerPull 200

POWER STROKE REPAIR KITS



EGR
Ford® 7.3L Int'l/Diesel
PMXQ300PRO
Quido



OIL PAN.
Ford® 6.7L Diesel
Oil Pan Repair
PMXO200PRO
OPR

FORD
REPAIR KITS

POWER STROKE
REPAIR KITS

GM
REPAIR KITS

CDJR & COMBO
REPAIR KITS

CLASS 8

WHEEL BEARING
PULLER

FUEL INJ., OIL TUBES,
OIL SEALS, & MORE

ACCESSORIES

Power Stroke Package - ALPHA

EGR Tube
Mounting Bolt
& 6.7L Fuel
Injectors



Ford® 6.7L Diesel
PMXPST500PROP
Power Stroke Package - ALPHA

Power Stroke Package - 505

EGR Tube
Mounting Bolts
and Fuel Injector
Hold Down Bolts



Ford® 6.7L Diesel
PMXPST505PRO/PMXPST505PROP
PowerStroke Package -

Power Stroke Package - BRAVO

Fuel Injector
Hold Down Bolt
& Pulls 6.7L Fuel
Injectors



Ford® 6.7L Diesel
PMXPWP510PRO
Power Stroke Package - BRAVO

Power Stroke Package - POWER

Fuel Injector
Bolt, Exhaust
Manifold, EGR
Bolt & Fuel
Injectors.



Ford® 6.7L Diesel
PMXPST550PRO
Power Stroke Package - Power

BEST VALUE

Power Stroke Package - CHARLIE

Fuel Injector
Hold Down Bolt
& Pulls 6.7L Fuel
Injectors.



Ford® 6.7L Diesel
PMXPST520PRO
Power Stroke Package - CHARLIE

Power Stroke Package - MASTER

EGR Tube
Mounting Bolts
and Fuel Injector
Hold Down Bolts
with Upgraded
Tooling.



Ford® 6.7L Diesel
PMXPWT560MSTR
Power Stroke Package - Power Master

GENERAL MOTORS REPAIR KITS



FORD
REPAIR KITS

POWER STROKE
REPAIR KITS

GM
REPAIR KITS

CDJR & COMBO
REPAIR KITS

CLASS 8

WHEEL BEARING
PULLER

FUEL INJ., OIL TUBES,
OIL SEALS, & MORE

ACCESSORIES



EMR

GM® LS 1999-2013
PMXM200PRO
Mikey



EMR

GM® LS 1999-Current
PMXMII200PRO
Mikey II



EMR

GM® 2.2/2.4L Gas
PMXD200PRO
Dale



EMR

GM® Inline 2.8L, 3.5L, 3.7L, 4.2L
PMXI200PRO
Mikki



EMR

GM® Duramax 6.6L Diesel
PMXT300PRO
Alberto



EMR

GM® LS 2014-2020
PMXH200PRO
Michele



EMR

GM® 8.1/8.8L PSI
GM® 8.0L PSI
PMXB200PRO/PMXBD300PRO
Butch/Butch D



TURBO

GM® 6.6L Diesel
Turbo Pedestal Mount
PMXSDMX300PRO
Rosina DMX



FUEL INJ.

GM Duramax 6.6L Diesel
PMXPWP220PROP
PowerPull 220

CHRYSLER DODGE JEEP RAM REPAIR KITS



Chrysler, Dodge, Jeep, & RAM



EMR

Dodge® 3.8L
PMXKDN200PRO
Kaiden



EMR

Dodge® 3.7/4.7L Gas
PMXY200PRO
Myra



EMR

Dodge® 5.7/6.1L HEMI
PMXA200PRO
Alan



EMR

Dodge® 5.7/6.1/6.4L HEMI
PMXAI200PRO
Alan II



EMR

Dodge® 6.4L HEMI
PMXCD200PRO
Chad



EMR

Dodge® 3.6L V6 Pentastar
PMXSRA200PRO
Sara



FORD
REPAIR KITS

POWER STROKE
REPAIR KITS

GM
REPAIR KITS

CDJR & COMBO
REPAIR KITS

CLASS 8

WHEEL BEARING
PULLER

FUEL INJ., OIL TUBES,
OIL SEALS, & MORE

ACCESSORIES

COMBO REPAIR KITS - POWERTECH

FORD
REPAIR KITS

PowerTech Combo Kit - ALPHA

Ford: 4.2L V6, 4.6/5.4L V8,
& 6.8L V10

Dodge: 5.7L and 6.1L HEMI

GM LS: 4.8L, 5.3L, 5.7L, 6.0L,
& 6.2L V8



PMXPST500PRO

POWER STROKE
REPAIR KITS

PowerTech Combo Kit - BRAVO

Ford: Gas 4.2L V6, 4.6/5.4L V8,
& 6.8L V10
Diesel 6.0L, 6.4L

Dodge: 5.7L & 6.1L HEMI

GM LS: 4.8L, 5.3L, 5.7L, 6.0L
& 6.2L V8



PMXPST510PRO

GM
REPAIR KITS

PowerTech Combo Kit - CHARLIE

Ford: Gas 4.2L V6, 4.6/5.4L V8,
& 6.8L V10
Diesel 6.0L, 6.4L

Dodge: 5.7L & 6.1L

GM LS: (1999-2013):
4.8L, 5.3L, 5.7L, 6.0L, 6.2L
(2014-2020):
5.3L, 6.0L, 6.2L



PMXPST520PRO

CDJR & COMBO
REPAIR KITS

PowerTech Combo Kit - DELTA

GM LS: (1999-2013):
4.8L, 5.3L, 5.7L, 6.0L, 6.2L
(2014-2020):
5.3L, 6.0L, 6.2L

GM Inline: 2.8L, 3.5L, 3.7L
& 4.2L



PMXPST530PRO

CLASS 8

PowerTech Combo Kit - ECHO

Ford: Gas 4.2L V6, 4.6/5.4L V8,
& 6.8L V10
Diesel 6.0L, 6.4L

Ford: 3.5/3.7L EcoBoost



PMXPST540PRO

WHEEL BEARING
PULLER

PowerTech Combo Kit - FOXTROT

Dodge: 3.7/4.7L

Dodge: 5.7L V8 & 6.1L HEMI

Dodge: 6.4L HEMI



PMXPST550PRO

FUEL INJ., OIL TUBES,
OIL SEALS, & MORE

ACCESSORIES





CLASS 8 REPAIR KITS



EMR

Adaptable Inline Bolt Repair
PMXU300PRO
(8mm, 10mm, 3/8", 12mm Options)
BULLIT



FORD
REPAIR KITS

POWER STROKE
REPAIR KITS

GM
REPAIR KITS

CDJR & COMBO
REPAIR KITS

CLASS 8

WHEEL BEARING
PULLER

FUEL INJ., OIL TUBES,
OIL SEALS, & MORE

ACCESSORIES



**CUMMINS ISX Adaptable
Inline Bolt Repair**
PMXUISX300PRO
BULLIT ISX



**Adaptable Inline Bolt Repair
Expansion for CUMMINS ISX**
PMXUISX310BSE
BULLIT ISX BASE



6" Adaptable Inline Bolt Repair
PMXUISX300PRO
BULLIT Link



EMR

Isuzu 5.2L Diesel
PMXZ300PRO
Anthony



DEF DOSER

**DEF Doser Decomposition
Reactor Valve Mounting Bolt**
PMXDVR300PRO
Doser



TURBO

**Mack MP8 & Volvo D13
EGR & Turbo Mount Repair**
PMXMCK300PRO
Nino HD

WHEEL BEARING PULLER



FORD
REPAIR KITS

Pull the wheel bearing on Ford vehicles in seconds.



Tommy Wheel Bearing Puller - Ford
PMXTOM400PRO/PMXTOM400PROP

POWER STROKE
REPAIR KITS

Pull the wheel bearing on Subaru vehicles in seconds.



Tommy Wheel Bearing Puller - Subaru
PMXTOM410PRO/PMXTOM410PROP

GM
REPAIR KITS

Pull the wheel bearing in seconds on Subaru & Ford. Includes both sets of pushrods.



Tommy Wheel Bearing Puller - Ford/Subaru
PMXTOM450PRO/PMXTOM450PROP

CDJR & COMBO
REPAIR KITS

Pull the wheel bearing in seconds on Tesla Model S and Tesla Model X Electric Vehicles.



Tommy Wheel Bearing Puller - Tesla
PMXTOM460PRO/PMXTOM460PROP

CLASS 8

Tommy Rail generates more power through the pushrods to the knuckle, punching the wheel bearing straight off.



Tommy Rail
PMXTMR100KIT

WHEEL BEARING
PULLER

The Extraction plate is designed for use on the Subaru inner bearing in the event that the axle nut is accidentally removed prior to extraction.



Inner Bearing Extraction Plate
PMXTPF415AC

FUEL INJ., OIL TUBES,
OIL SEALS, & MORE



Tommy Grease Gun and Tube
PMXTOMGUNA

ACCESSORIES



Tommy Grease
PMXPPG001/PMXPPG016



FUEL INJECTORS, OIL TUBES, SEALS, & MORE

AIR HAMMER POWERED



FORD 6.7L Power Stroke Fuel Inj. Service Kit
PMXPWP200PROP

AIR HAMMER POWERED



GM 6.6L Duramax Fuel Inj. Puller
PMXPWP220PROP



Ford Fuel Injector Puller Adapters
PMXTOM400PRO/PMXTOM400PROP



Hornet Oil Seal Pullers
PMXTOM410PRO/PMXTOM410PROP



PMXPTE110PROP Includes Slide Hammer

Ford 4.6/5.4/6.8L Oil Tube Extractor
PMXPTE110PRO/PMXPTE110PROP



PMXPTE115PROP Includes Slide Hammer

Ford 6.2L Oil Tube Extractor
PMXPTE115PRO/PMXPTE115PROP



PMXPTE120PROP Includes Slide Hammer

GM 4.8/5.3/6.0/6.2L Oil Tube Extractor
PMXPTE120PRO/PMXPTE120PROP



PMXPTE130PROP Includes Slide Hammer

Dodge 5.7/6.1L Oil Tube Extractor
PMXPTE130PRO/PMXPTE130PROP

FORD
REPAIR KITS

POWER STROKE
REPAIR KITS

GM
REPAIR KITS

CDJR & COMBO
REPAIR KITS

CLASS 8

WHEEL BEARING
PULLER

FUEL INJ., OIL TUBES,
OIL SEALS, & MORE

ACCESSORIES

LOCKING PLIER ADAPTERS

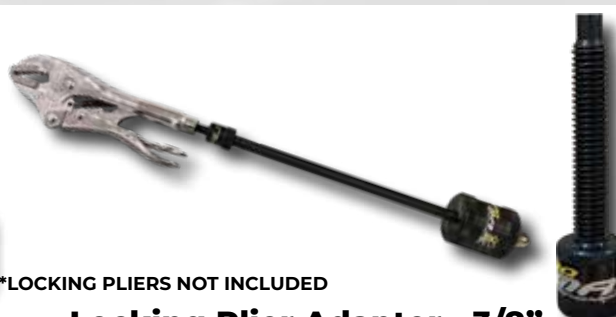


FORD
REPAIR KITS



*LOCKING PLIERS NOT INCLUDED

Locking Plier Adapter - 5/16"
PMXPWP330/PMXPWP330PRO



*LOCKING PLIERS NOT INCLUDED

Locking Plier Adapter - 3/8"
PMXPWP380/PMXPWP380PRO

POWER STROKE
REPAIR KITS

GM
REPAIR KITS



*LOCKING PLIERS NOT INCLUDED

Locking Plier Adapter - 5/8"
PMXPWP440/PMXPWP440PRO



Locking Plier Adapter Pack - Imperial
PMXPWP2PK

CDJR & COMBO
REPAIR KITS

CLASS 8



Locking Plier Adapter Pack - Imperial
PMXPWP3PK



Locking Plier Adapter - 6mm and 8mm
PMXLPL235/PMXLPL310

WHEEL BEARING
PULLER

FUEL INJ., OIL TUBES,
OIL SEALS, & MORE



Locking Plier Adapter - 2 Pack Metric
PMXLPL2PK



Locking Plier Adapter for CJ2003A
PMXPWP630

ACCESSORIES



REPAIR ACCESSORIES



Ford 3.5L EcoBoost Crankshaft Bolt Repair
PMXCSR035KIT-ECO



Ford 5.0L Coyote Crankshaft Bolt Repair
PMXCSR050KIT-COY



Nino EGR Repair Refresh Kit - Gold
PMXRFN200



Nino EGR Repair Refresh Kit - Platinum
PMXRFN200P



6" or 11" Slide Hammer Assembly with Knob
PMXPHR106AK/PMXPHR111AK



6" or 11" Slide Hammer Assembly with Chrome Nut
PMXPHR106A/PMXPHR111A



Ford 6.7L Power Stroke Fuel Inj. Bolt Hole Inserts
PMXPPS008012/PPS008012-PK4/PPS008012-PK8



Ford 6.7L Power Stroke EGR Bolt Hole Inserts - Black Oxide
PMXPPS006012B/PPS006012B-2PK/PPS006012B-4PK

FORD
REPAIR KITS

POWER STROKE
REPAIR KITS

GM
REPAIR KITS

CDJR & COMBO
REPAIR KITS

CLASS 8

WHEEL BEARING
PULLER

FUEL INJ., OIL TUBES,
OIL SEALS, & MORE

ACCESSORIES



QUALITY | PRECISION | PRODUCTIVITY

REPAIR ACCESSORIES



FORD
REPAIR KITS

POWER STROKE
REPAIR KITS

GM
REPAIR KITS

CDJR & COMBO
REPAIR KITS

CLASS 8

WHEEL BEARING
PULLER

FUEL INJ., OIL TUBES,
OIL SEALS, & MORE

ACCESSORIES



Bullit Enhancement Kit - Master
PMXPEKMSTR



Bullit Enhancement Kit - 12mm x 175
PMXPEK12-175



Bullit Enhancement Kit - 12mm x 125
PMXPEK12-125



Bullit Enhancement Kit - 10mm x 150
PMXPEK10-150



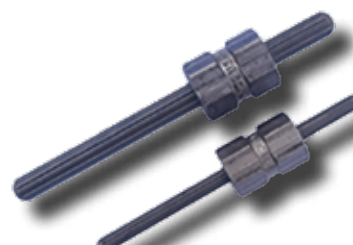
Bullit Enhancement Kit - 3/8"
PMXPEK375-16



Bullit Enhancement Kit - 8mm x 125
PMXPEK08-125



EZ Out Removal Kit
PMXBEK125/BEK188/BEKMSTR



Multispline Screw Extractors Hex Turn Nut
PMXPPT125/PPT188/PPTMSTSET

REPAIR ACCESSORIES



90° Rotating Head Air Drill - PowerDrill
PMXPPD2800PRO



*POWERDRIVE NOT INCLUDED

Flathead 1/4\"



FORD
REPAIR KITS

POWER STROKE
REPAIR KITS

GM
REPAIR KITS

CDJR & COMBO
REPAIR KITS

CLASS 8

WHEEL BEARING
PULLER

FUEL INJ., OIL TUBES,
OIL SEALS, & MORE

ACCESSORIES



1/4\"



1/4\"



PowerDrive Threaded Bits Accessory Packs
PMXPDT266BTS/PMXPDT266ACC



Deburring Tool for Damaged Bolts - ProCutter
PMXPHR106A/PMXPHR111A



8MM Bolt Thread Repair
PMXTRK200/TRK200MSTR



8MM Cylinder Head Thread Repair Kit
PMXCHR200



REPLACEMENT KIT TOOLING



FORD
REPAIR KITS

POWER STROKE
REPAIR KITS

GM
REPAIR KITS

CDJR & COMBO
REPAIR KITS

CLASS 8

WHEEL BEARING
PULLER

FUEL INJ., OIL TUBES,
OIL SEALS, & MORE

ACCESSORIES



1/4" ProChuck Adapter and Key
PMXPPD2800PRO



1/4" NPT Male 1/4" NPT Female Air Regulator
PMXPPT125/PPT188/PPTMSTSET



200 Series ProBushings
PMXPPB2125/2188/2266/2270/2320



300 Series ProBushings
PMXPPB3125/3188/3270/3345/3313/3320/3380/3395/3420



500 Series Bushings for Nino & Nico
PMXPPB5125/5188/5266/5270/5320/5420/5485



Extractorless™ Upgrade Tooling
PMXXTR2266/2270 & PMXXTRI2266/2270



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Tools**

AUTOBODY TOOLS

AUTOBODY
TOOLS

CAR REPAIR
KITS

MECHANICS
TOOLS

PAINTERS
TOOLS

SPECIALTY
TOOLS

TOWING
TOOLS



Easy Pry Tool STC21730



- Non-marring, won't scratch paint
- Removes bezels, moldings, trim, and panels easily
- Great for removing weather stripping

Sure Grip Trim Clip Pliers (STC21720) Right Angle (STC21725) & Flat (STC21726)

- Grips the stem of the clip not the head to avoid breakage
- Lever action for faster, easier removal
- Works on trim pads, hood insulation, etc.
- Right Angle or Flat Sure



STC21726



STC21725



E-Z Strip II Molding Tool STC21542 (Kit) / STC21543 (Wedge)

- 3" non-marring blade and steel air hammer arbor
- Saves body moldings
- Reduces body damage
- Saves time and materials
- Can be ground for special requirements



HandyBar™



- Hammer out dents
- Hammer inside quarter panels, rear body panels, body lines, etc.
- Use to block doors and hoods



- 18" long
- Bi-directional access to grip under clips that sit deep in the door panel
- Beveled end provides the ability to release Ford truck bed rail caps



AUTOBODY
TOOLS

CAR REPAIR
KITS



E-Z Store Door Aligning Bar STC21845



- Save space with no heavy bar to store
- Uses your breaker bar for leverage
- Fits into tool box to avoid having to hunt the shop for the tool



MECHANIC'S
TOOLS

PAINTER'S
TOOLS



STC23240



- Long lasting and durable LED Light
- Plastic shield to protect LED
- Attaches within seconds to any welding torch
- Easy-to-use ON/OFF switch with auto shut-off after 30 minutes
- AAA battery powered

SPECIALTY
TOOLS

TOWING
TOOLS



STC21600 (Antenna Wrench I)
STC21650 (Antenna Wrench II)

Antenna Wrench II



- Designed to cover wide variety of makes and models
- Works as a two, three, and four notch bezel nut wrench
- Replaces the need for an antenna nut socket wrench set



StudLever™
...for controlled stud pulling

STC20014

- Quickly grip studs (pull pins) and control dent pulling
- Accurate controlled pulls every time
- Works on 2.0, 2.2, and 2.6mm studs as close as 3/8" apart



Doors & Fenders



Rocker Panels



Roofs & Trunks



Tab-It STC20013



- Quickly pull glue tabs
- Made from high-impact polystyrene
- Collar slides over the Stud Lever's handle and captures the glue tab
- Included padded extension block raises the StudLever to proper height

STC20014C StudLever™ Combo*
(Includes #20014 Stud Lever, #20013 Tab-It, & #20003 Steck Straight Edge)

STC20014 StudLever™
(Includes StudLever & #20003 Steck Straight Edge)

STC20013 Tab-It™ Accessory for StudFinder*
(StudLever not included)



STC17200 Hatch Jammer XL (Hatch Jammer and Xtension Tube)

STC17100 Hatch Jammer (Hatch Jammer)

STC17150 Hatch Jammer Extension Tube

- Easily adjust work angle to comfortable position
- Improves visibility of work area
- J-hook attaches securely to striker and larger loop end hocks into hatch



AUTOBODY
TOOLS

CAR REPAIR
KITS

MECHANIC'S
TOOLS



Door Jammer STC17000



Time-saving tool that holds the door open while you hammer, pull, grind, sand, or paint.

- Great for paintless dent removal
- For doors and deck lids
- Fits any size latch

PAINTER'S
TOOLS

SPECIALTY
TOOLS

E-Z Rest Door Hanger STC21870

- Easy on/off design and fully adjustable
- Quickly adapts to most floor jacks with removable saddles
- Hang bumpers, store glass, and many other uses



TOWING
TOOLS

AUTOBODY TOOLS

AUTOBODY
TOOLS

CAR REPAIR
KITS

MECHANICS
TOOLS

PAINTERS
TOOLS

SPECIALTY
TOOLS

TOWING
TOOLS



STC20222 Handy Pull Kit STC20224 Replacement Eyebolts & Ring Clamp

- Allows you to manually pull hinge plates and more
- Hood hinge plate allows you to manually pull hood and deck lid hinges back into position



Fender Fixer

STC20055

- Roll the fender top back into shape in just minutes
- Save twisted fenders and money
- Hook the strap below the fender, adjust the strap, and hammer the top of the tool to set



- Grip and pull multiple pull pins (studs) and vertical or horizontal flanges
- 3.5 inch jaw provides evenly distributed pulling force while pulling multiple pull pins or flanges
- Two, large pulling rings for light pulling (up to 2,000 lbs.)



STC20085



AUTOBODY
TOOLS

CAR REPAIR
KITS

MECHANIC'S
TOOLS

PAINTER'S
TOOLS

SPECIALTY
TOOLS

TOWING
TOOLS



AIR HAMMER POWERED

STC21890 Skin Zipper STC21892 Aluminum Skin Zipper

- Skins doors in less than 10 minutes
- Saves arm fatigue and time
- Replaceable head skins a minimum of 10 doors
- Designed for material thickness up to 0.75mm or less

STC21894 Skin Zipper 2 STC21896 Aluminum Skin Zipper 2

- Allows you to hem the narrow window flange with minimal arm fatigue
- Compliments the original Skin Zipper
- Designed for material thickness up to 0.75mm or less



STEP 1



STEP 2

PANEL SHAPER KIT

STC20046 Panel Shaper Kit
(includes Chisel, Rounded, and Flat head)

STC20047 Replacement Chisel Head

STC20048 Replacement Rounded Head

STC20049 Replacement Flat Head

- **Chisel Head:**
Great for doors, body lines, corner shaping, and fender edges
- **Rounded Head:**
Straightens out wheel house and quarter panels
- **Flat Head:**
Straightens out floors, trunk floors, and provide stress relief in the repair process



"The Original" Pull Rod Set

STC20007 Card of Two Pull Rods

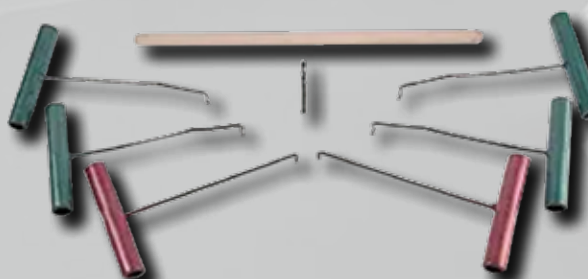
STC20008 Card of Two Pick Pulls

STC20003 Straight Edge

STC20000 Full Kit

(4 Pull Rods, 2 Pick Pulls, 1 Straight Edge, 1 HS Split Point Drill Bit)

- Super tough alloy steel is precisely heat-treated for maximum strength
- Plastic handles for comfort
- Staple tool for autobody repair and restoration





Quarter Puller II STC20022



- 6" bars fit into smaller areas
- Hooks above the lip of the wheel opening
- Two curvatures (one on each side) will fit almost all cars
- Easier and faster than clamps or jacks
- 3000 pound maximum pull



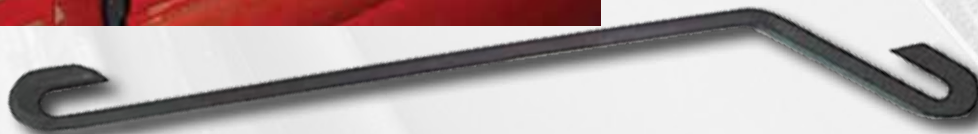
Quarter Puller STC20033

- 12" bars pull quarter panels and wheel wells
- Easier and faster than clamps or jacks
- designed with precise pulling points, ensuring controlled and accurate pulls for seamless quarter panel repairs
- Saves valuable time during automotive repairs and restorations



Flange Lever STC20037

- Quickly access hard to reach, damaged frame flanges, door and hood edges, and radiator supports
- Move quickly along the damaged area instead of having to unlock and re-lock locking pliers
- Tool features multiple angles for maximum leverage in various applications



AUTOBODY
TOOLS

CAR REPAIR
KITS

MECHANIC'S
TOOLS

PAINTER'S
TOOLS

SPECIALTY
TOOLS

TOWING
TOOLS

Super SeamBuster STC20017

- Attaches to any air hammer
- Faster than regular SeamBuster
- Separates quarter panels, rockers, other pinch welds and bonded door skins
- Sharpened on two edges for easy penetration and separation of pinch weld



Right Angle SeamBuster STC20016

- 90° end to easily separate hard-to-reach spot welded or bonded panels
- Chisel tip for starting seam separation
- Chisel edge on both sides for easily moving along seam



SeamBuster STC20015

- Save up to 15 minutes per panel replacement
- For quarter panels, rockers, and any pinch weld
- Super tough alloy steel





Bushing Tool

STC21825



- Offset design allows for easy access to all door hinges
- Easily punch out bushings
- Breaks fewer bushings
- Super tough steel alloy

AUTOBODY
TOOLS

CAR REPAIR
KITS

MECHANIC'S
TOOLS

PAINTER'S
TOOLS

SPECIALTY
TOOLS

TOWING
TOOLS

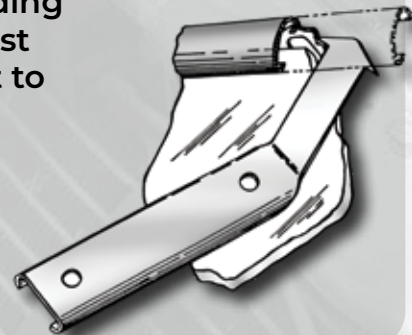


Universal Molding Release Tool

STC21500



- Slide tool left or right under the molding until it hooks a retaining clip, then just rock the tool with a twist of the wrist to release the clip
- Heat treated, high-carbon steel



Door Hinge Pin Popper

STC21835



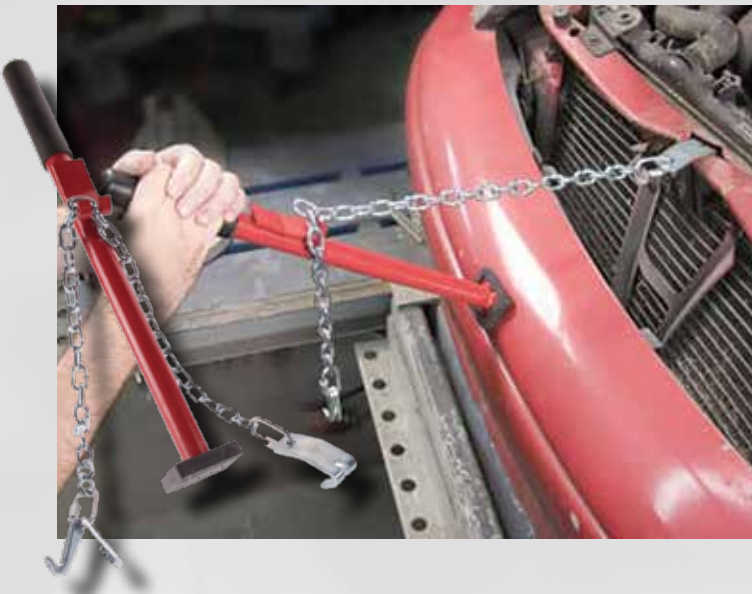
- Drives out the most stubborn hinge pins
- Direct impact
- Clearance for door panels
- Works on all GM cars with removable hinge pins
- Includes Pin Puller to remove loosened pins

AUTOBODY TOOLS

AUTOBODY
TOOLS

Pogo II Leverage Pulling Tool STC20099

- Hook bolt heads, flanges, anywhere
- Core Supports repaired quickly
- One hand operation
- Fits in your toolbox overall length 18-3/8 Inches



CAR REPAIR
KITS

MECHANICS
TOOLS

PAINTERS
TOOLS

SPECIALTY
TOOLS

TOWING
TOOLS

SuperScrapper STC71510



- Tough plastic handle can be hit with a hammer
- Scrape aluminum heads without damage
- Resharpen with a file when needed



Door Spring Tool STC21910

- Compresses spring for easy, safe removal
- Sides safely enclose spring
- Heat-treated, high carbon steel
- The safest tool available for coil springs in GM doors





STC21960

- Insert the new SPR on the magnetic end of the hex bolt
- Install your 3/4" or 19mm socket to your 1/2" impact wrench and engage
- Within 3-5 seconds you will see the bottom of the screw flush with the door flange



AUTOBODY
TOOLS

CAR REPAIR
KITS

MECHANIC'S
TOOLS

PAINTER'S
TOOLS

SPECIALTY
TOOLS

TOWING
TOOLS



STC21970



- Insert the hardened tip of the hex bolt to the inside of the door
- Install your 3/4" or 19mm socket to your 1/2" impact wrench and engage
- Within 3-5 seconds you will see the old SPR come out from the bottom

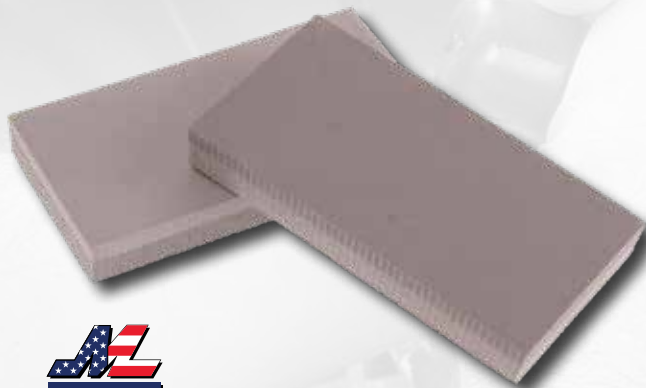


Plugweld Pliers

- Make plugwelding easier and higher quality
- Unique design allows for technicians to clamp panels in a precise spot and still weld
- Copper alloy pad prevents burn through, allows higher welding temperature and better penetration



STC23230



Double Density Sanding Block STC35300

- Gray Side: Soft & Pliable
- Black Side: Stiff
- Suitable for various sanding applications, including shaping, smoothing, and contouring
- Provide enhanced control and even pressure distribution

Shape Tip Tool STC790

- Fits securely on most pry bars
- Use to roll out high spots, creases, and crowns around dents
- Excellent for today's thin alloy metal





SoftStrike™

Soft Strike 4 Pack - STC35000



.625 Light Toe Dolly Cover STC35017

- Allows you to easily transition from working on steel to aluminum without cross contamination & galvanic corrosion
- Applying the red rubber removable cover to the tool that you already own
- Eliminates the problem of a rubber dolly not being heavy enough to work effectively



General Purpose Dolly Cover STC35013

- Allows you to easily transition from working on steel to aluminum without cross contamination & galvanic corrosion
- Applying the red rubber removable cover to the tool that you already own



Hard Cap Body Hammer Cover STC35025

- Maximize your existing steel body hammer investment
- Strong reinforced nylon head that will not tear when working on aluminum door sharp edges
- Flexible o-ring allows a secure fit on hammer heads from 1.5 to 1.6 inch



**Use
Your Steel
Hammer on
Aluminum**

AUTOBODY
TOOLS

CAR REPAIR
KITS

MECHANIC'S
TOOLS

PAINTER'S
TOOLS

SPECIALTY
TOOLS

TOWING
TOOLS

AUTOBODY TOOLS

AUTOBODY
TOOLS

CAR REPAIR
KITS

MECHANICS
TOOLS

PAINTERS
TOOLS

SPECIALTY
TOOLS

TOWING
TOOLS



Work Stand Clamp STC35753

- Great for use with Steck Skin Zipper to hold car door in place on a work stand
- Can also be used with other door skinning tools
- Holds parts for prepping jambs

Bed Lifter STC35885

- Lift pick-up truck beds safely and easily
- Lifting bracket adjusts to evenly distribute weight



3" x 4" Spreaders STC35760



High quality, made in the USA
Spreaders to help you get a smooth
surface every time.

Measure'N Stick STC36000



- Hands-free measuring
- Continuously monitor your pull
- Both inches and metric



Classic BigEasy STC32900



- 55" Long
- High Visibility Pink powder coating
- Improved non-marring wedge
- Lock Knob Lifter for carts with flat lock knobs at the tops of doors
- Paint Protector reduces friction between the car door and BigEasy



AUTOBODY
TOOLS

CAR REPAIR
KITS



BigEasy Loop STC32903



Clips onto any BigEasy and allows you to grab door handles and locks. Glows in the dark for use at night.

MECHANIC'S
TOOLS

PAINTER'S
TOOLS



BigEasy Extend STC32905

An accessory that fits ALL BigEasys. Provides an extra 12 inches of length to get out of reach items. Glows in the dark for use at night.



SPECIALTY
TOOLS

TOWING
TOOLS

CAR REPAIR KITS

AUTOBODY
TOOLS

CAR REPAIR
KITS

MECHANICS
TOOLS

PAINTER'S
TOOLS

SPECIALTY
TOOLS

TOWING
TOOLS



**Lock Knob Lifter
STC32930**



- Safely and efficiently lift door lock knobs
- Non-marring surface
- Works on a wide variety of makes and models

**BigEasy Night Light
STC32933**

Suction cup LED light helps illuminate dark car interiors at night to help make the job easier.



**BigEasy Carry Case
STC32935**

Carry your BigEasy kit with ease and have all the necessary tooling stashed in the convenient pockets.



CAR REPAIR KITS



**Non-Marring Wedge
STC32920**



For basic opening of car doors to use the BigEasy

AUTOBODY
TOOLS

**Easy Wedge
STC32922**



- 7" x 7" Inflatable Wedge
- Insert into the door or window frame to create a controlled opening
- Once inflated, use the BigEasy to unlock the vehicle safely



CAR REPAIR
KITS

MECHANIC'S
TOOLS



**Super Easy Wedge
STC32923**



- Larger version of the Classic Easy Wedge: 7" x 9"
- More power and surface area
- Ideal for tighter doors on today's newer vehicles

PAINTER'S
TOOLS

SPECIALTY
TOOLS

**Paint Protector
STC32924**



Reduces friction between the car door and the BigEasy so the powder coating does not rub off.



TOWING
TOOLS

LOCKOUT TOOLS

AUTOBODY
TOOLS

CAR REPAIR
KITS

MECHANICS
TOOLS

PAINTER'S
TOOLS

SPECIALTY
TOOLS

TOWING
TOOLS



LittleEasy STC32908

- 30" Long
- Perfect for Japanese imports
- Works on some pickups trucks



BigEasy GLO STC32950

- 55" Long
- Comes with improved non-marring wedge, Lock Knob Lifter, and Paint Protector

BigEasy GLO with Wedge STC32955

- 55" Long
- Comes with improved non-marring wedge, Lock Knob Lifter, Easy Wedge, and Paint Protector



BigEasy GLO with Case STC32955DLX

- 55" Long
- Comes with improved non-marring wedge, Lock Knob Lifter, Easy Wedge, Paint Protector, and Carrying Case with convenient pockets for holding all lock out tools



MECHANIC'S TOOLS



**Inner Race Saver
STC71310**



- Replace for \$45-70 compared to \$200-500
- Takes 5 minutes vs 30-45 minutes
- Safer and easier than other removal methods

AUTOBODY
TOOLS

CAR REPAIR
KITS



**Air Tool Oiler
STC16600**

- Oils all models of air hammers, air sanders, air ratchets and heads, etc.
- Saves you money by increasing the life of your tools



MECHANIC'S
TOOLS

PAINTER'S
TOOLS

SPECIALTY
TOOLS

TOWING
TOOLS



STC71411 Fork

STC71412 Shim

**Axle Popper
STC71410**



- Insert fork between transaxle case and half shaft & strike the end of the fork to release the half shaft
- Shim included for larger gaps
- Applies even pressure
- Safer and surer than a pry bar



**Axle Popper II
STC71415**

- Use along with the original Axle Popper to speed up repair times



STC71415

MECHANIC'S TOOLS

AUTOBODY
TOOLS

CAR REPAIR
KITS

MECHANIC'S
TOOLS

PAINTER'S
TOOLS

SPECIALTY
TOOLS

TOWING
TOOLS

Heavy Duty Portable Bench STC35755

- 500 lbs. weight capacity
- Foam on rails prevents scratching of parts
- Saves warehouse space and shipping costs



Tool Sling STC35756



- Installs in seconds with hook and loop straps
- Folds flat for storage
- Hold tools and parts during assembly and disassembly

Work Bench Wheeler STC35757

- Holds square or round tube stand (x-frame) work stands
- Self-uprighting channel with 2 large 3" wheels
- Accommodates up to a 32" wide extended work stand



Pro Folding Parts Cart STC35950

- Folding mast to allow dual side parts
- Weighs 100 lbs and holds up to 396 lbs.
- Shelves flip down when technician is finished which allows for easy storage and nesting with other parts carts

Pro Step Heavy Duty Stool STC20350

- 500 lbs. weight capacity
- Height adjustable from 6.5" to 22.5"
- Foam bumpers protect vehicle finish and spring-loaded retractable wheels



AUTOBODY
TOOLS

CAR REPAIR
KITS

MECHANIC'S
TOOLS

PAINTER'S
TOOLS

SPECIALTY
TOOLS

TOWING
TOOLS



E-Z Rest Door Hanger STC21870

- Quickly adapts to most floor jacks with removable saddles
- Padded, removable side rails
- Easy on/off design and fully adjustable



Spec-Out Nib Files STC35250/STC35260

- Removes runs and dirt nibs
- Honed tips of teeth shave without digging in
- Available in course or fine



Magnetic Spray Gun Holder STC900

- Holds any cup or gravity fed spray gun
- Mounts to any flat steel surface with 160 lb. magnetic force

PAINTER'S TOOLS

AUTOBODY
TOOLS

CAR REPAIR
KITS

MECHANICS
TOOLS

PAINTER'S
TOOLS

SPECIALTY
TOOLS

TOWING
TOOLS



Paint'N Stick STC35660

- Allows you to paint at all angles of side view mirrors
- Powerful magnets to attach to booth walls or to hang while drying



Grip'N Paint STC35661



Adjustable 6" flex clamp pliers with a locking handle specifically designed to fit the top two slots on the Paint'N Stick

Paint'N Stick Combo STC35662

- Combines the capabilities of the Paint'N Stick and Grip'N Paint Pliers for mirror covers
- Gives the flexibility of holding the part vertically or horizontally
- The Grip'N Paint specifically designed to fit into the top two slots of the Paint'N Stick



Now 2 tools in 1!
Paint'N Stick
COMBO



Door Lock Covers STC35730



- Save time from masking those tedious little door locks
- Sets of 12

Steck Bumper Tree STC35800

- Tilt while painting to give easy top, bottom, front, back, and wrap-around ends
- Openings in covers can be painted from front to back to assure coverage
- Casters make moving bumpers easy



AUTOBODY
TOOLS

CAR REPAIR
KITS

MECHANIC'S
TOOLS

PAINTER'S
TOOLS

SPECIALTY
TOOLS

TOWING
TOOLS



Panel Tree STC35900

- Panels load easily and quickly
- Center post design allows access to edge, bottom, and both sides of the panel
- Paint panels, jambs, and car all at once
- Save hours of dry time



Tailgate Holder STC35910

- Makes lifting, flipping, painting, and waiting for tailgates easier
- Attaches to your panel tree
- Holds tailgates to allow painting on both sides at once while painting other parts on the same panel tree



SPECIALTY TOOLS

AUTOBODY
TOOLS

CAR REPAIR
KITS

MECHANIC'S
TOOLS

PAINTER'S
TOOLS

SPECIALTY
TOOLS

TOWING
TOOLS



Air Tool Oiler STC16600

- Oils all models of air hammers, air sanders, air ratchets and heads, etc.
- Saves you money by increasing the life of your tools



Door Jammer STC17000



Time-saving tool that holds the door open while you hammer, pull, grind, sand, or paint.

- Great for paintless dent removal
- For doors and deck lids
- Fits any size latch

"The Original" Pull Rod Set

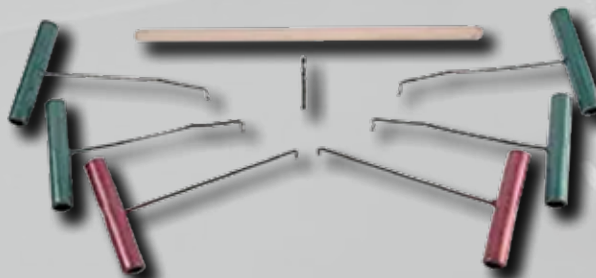
STC20007 Card of Two Pull Rods
STC20008 Card of Two Pick Pulls

STC20003 Straight Edge
STC20000 Full Kit

(4 Pull Rods, 2 Pick Pulls, 1 Straight Edge, 1 HS Split Point Drill Bit)



- Super tough alloy steel is precisely heat-treated for maximum strength
- Plastic handles for comfort
- Staple tool for autobody repair and restoration





STC17200 Hatch Jammer XL (Hatch Jammer and Xtension Tube)

STC17100 Hatch Jammer (Hatch Jammer)

STC17150 Hatch Jammer Xtension Tube

- Easily adjust work angle to comfortable position
- Improves visibility of work area
- J-hook attaches securely to striker and larger loop end hocks into hatch



AUTOBODY
TOOLS

CAR REPAIR
KITS

MECHANIC'S
TOOLS

PAINTER'S
TOOLS

SPECIALTY
TOOLS

TOWING
TOOLS



Antenna Wrench II



- Designed to cover wide variety of makes and models
- Works as a two, three, and four notch bezel nut wrench
- Replaces the need for an antenna nut socket wrench set

STC21600 (Antenna Wrench I)
STC21650 (Antenna Wrench II)

HandyBar

- Hammer out dents
- Hammer inside quarter panels, rear body panels, body lines, etc.
- Use to block doors and hoods



SPECIALTY TOOLS

AUTOBODY
TOOLS

CAR REPAIR
KITS

MECHANIC'S
TOOLS

PAINTER'S
TOOLS

SPECIALTY
TOOLS

TOWING
TOOLS

- 18" long
- Bi-directional access to grip under clips that sit deep in the door panel
- Beveled end provides the ability to release Ford truck bed rail caps



Bushing Tool
STC21825

- Offset design allows for easy access to all door hinges
- Easily punch out bushings
- Breaks fewer bushings
- Super tough steel alloy



Easy Pry Tool
STC21730



- Non-marring, won't scratch paint
- Removes bezels, moldings, trim, and panels easily
- Great for removing weather stripping

SPECIALTY TOOLS



E-Z Store Door Aligning Bar STC21845



- Save space with no heavy bar to store
- Uses your breaker bar for leverage
- Fits into tool box to avoid having to hunt the shop for the tool



AUTOBODY
TOOLS

CAR REPAIR
KITS



Door Spring Tool STC21910

- Compresses spring for easy, safe removal
- Sides safely enclose spring
- Heat-treated, high carbon steel
- The safest tool available for coil springs in GM doors



MECHANIC'S
TOOLS

PAINTER'S
TOOLS

Plugweld Pliers

- Make plugwelding easier and higher quality
- Unique design allows for technicians to clamp panels in a precise spot and still weld
- Copper alloy pad prevents burn through, allows higher welding temperature and better penetration



STC23230

SPECIALTY
TOOLS

TOWING
TOOLS

SPECIALTY TOOLS

AUTOBODY
TOOLS

CAR REPAIR
KITS

MECHANIC'S
TOOLS

PAINTER'S
TOOLS

SPECIALTY
TOOLS

TOWING
TOOLS



STC23240



- Long lasting and durable LED Light
- Plastic shield to protect LED
- Attaches within seconds to any welding torch
- Easy-to-use ON/OFF switch with auto shut-off after 30 minutes
- AAA battery powered



**SuperScraper
STC71510**



- Tough plastic handle can be hit with a hammer
- Scrape aluminum heads without damage
- Resharpen with a file when needed



**3" x 4" Spreaders
STC35760**



High quality, made in the USA
Spreaders to help you get a smooth
surface every time.

SPECIALTY TOOLS



STC71411 Fork

STC71412 Shim

- Insert fork between transaxle case and half shaft & strike the end of the fork to release the half shaft
- Shim included for larger gaps
- Applies even pressure
- Safer and surer than a pry bar

AUTOBODY
TOOLS

CAR REPAIR
KITS

**Axle Popper II
STC71415**

- Use along with the original Axle Popper to speed up repair times



STC71415



MECHANIC'S
TOOLS

**Work Stand Clamp
STC35753**



- Great for use with Steck Skin Zipper to hold car door in place on a work stand
- Can also be used with other door skinning tools
- Holds parts for prepping jambs

PAINTER'S
TOOLS



**Measure'N Stick
STC36000**

- Hands-free measuring
- Continuously monitor your pull
- Both inches and metric



SPECIALTY
TOOLS

TOWING
TOOLS

TOWING TOOLS

AUTOBODY
TOOLS

CAR REPAIR
KITS

MECHANICS
TOOLS

PAINTER'S
TOOLS

SPECIALTY
TOOLS

TOWING
TOOLS



4th Wheel Loader STC71480



- Easily load vehicles with damaged wheels
- Use for vehicles with broken ball joints, lost wheels, locked wheels or brakes, collision damage, control arm failures, and more



EV Roller

Tie Rod End Pliers STC71465

- Saves tow driver's time by temporarily fixing wheel alignment for easy loading and unloading
- Allows mechanics to easily steer vehicle to repair bay



Tie Rod Coupler STC71470



- Saves tow driver's time by temporarily fixing wheel alignment for easy loading and unloading
- Allows mechanics to easily steer vehicle to repair bay



I-Bolt Universal Tow Eye STC71490

- Safely load disabled foreign and some domestic vehicles
- This unique design works on over 200 vehicles



Milton®

Box	Bulk	Retail Pkg	Pg
08-A1-506			39
18-H2-1061			43
90-A1-1061			43
93-M1-1061			43
94-D1-1061			43
98-A1-501			39
107		s-107	4
	115BK	s-115	4
		s-116	4
		s-117	4
		s-118	4
	120BK	s-120	4
122			4
123			4
131			4
132			5
133			4
134			4
	148BK	s-148	5
		s-148AC	5
		s-148MC	5
		s-148TC	5
		s-148VC	5
149			6
150	150BK	s-150	6
151	151BK		6
152	152BK	s-152	6
	153BK	s-153	7
		s-154	7
155			8
		s-156	8
157		s-157	8
	158BK	158	8
		158-AB24	7
	159BK	159	8
	160BK	s-160	9
		s-160CHIP	14
		s-160SIL	14
		s-160X5A	14
		s-160X5P	14
		161	9
		162	9
		s-163	9
		s-164	10
		s-167	10
		s-168	15
		s-168RUB	15
		s-168VEN	15
		171-NF-01	11
		171-NF11	11
		s-174KIT	10
		s-177	12

Box	Bulk	Retail Pkg	Pg
		s-181	12
		s-182	12
		s-183	12
		s-184	15
		s-194KIT	13
		s-197	13
209	209BK	s-209	17
		s-210	17
		s-210-14	18
		s-211	18
		s-212	18
		s-213	18
		s-215	19
		s-216	19
		s-217	19
		s-218	19
		s-219	19
		s-220	20
		s-221	20
		s-222	67
		s-223	20
		s-224	21
		s-225	21
		s-230	21
		s-300	21
		s-300-I	21
		s-303MKIT	71
		s-303VKIT	71
		s-305MKIT	71
		s-307MKIT	71
		s-307TKIT	71
		s-314AKIT	71
		s-314MKIT	71
		s-314TKIT	71
		s-314VKIT	71
		s-312MKIT	22
		s-325HKIT	22
350			21
	400-6BK	s-400-6	25
404	404-100	s-404	25
406			25
409			25
413-1		s-413-1	27

50-Pk Bulk	100-Pk Bulk	500-Pk Bulk	Retail Pkg	Pg
413-10	413-50	413-500	s-413	26
414-10	414-50	414-500	s-414	26
415-10	415-50		s-415	26
418-10	418-50	418-500	s-418	26
	423-50	423-500	s-423	26
425-10	425-50	425-500	s-425	26
493-10	493-50			32
494-10	494-50			32

Box	Bulk	Retail Pkg	Pg
434			27
435		s-435	27
436		s-436	27
437		s-437	27
438			27
439		s-439	27
440			27
440-1			27
440-2			27
440-3			27
440-4		s-440-4	27
440-5			27
		s-441	27
		s-443	27
444		s-444	28
445		s-445	28
		s-446	28
		s-447	28
448	448BK	s-448	28
		s-449	29
449BK			29
451			30
452			30
462		s-462	30
463			30
464		s-464	30
		s-465	30
		s-466	30
469		s-469	31
470			31
471			31
473			31
474			31
476			31
481			31
482			31
483			31
484			31
485			31
486			31
492			32
500-4			40
500-6			51
500-7			51
500-43			40
501			39
502			39
503			39
		s-504	39
		s-505	39
		s-506®	39
508			40
509			40

INDEX

Box	Bulk	Retail Pkg	Pg
510			40
511			40
512A			40
513			40
514			40
		s-516®	39
		517	42
		518	42
519			40
		s-520	41
		s-521	41
		s-522	41
523			41
527			41
		s-530	36
		s-531	36
		550	42
550-1B			42
550-1S			42
		551	42
		552	42
		553	42
		555e	34
		555e-HD	34
		556	42
		561	42
		s-568	35
		s-568-84	35
572A			38
572D			37
573A			38
573D			37
		s-574A	38
		s-574D	37
		s-575A	38
		s-575D	37
		s-576A	38
		s-576D	37
		s-577A	38
		s-577D	37
		s-578A	38
		s-578D	37
		s-580eKIT	33
600	600BK	s-600	46
600-2			46
600-3			46
600-4			46
601	601BK	s-601	46
602	602BK	s-602	46
603	603BK	s-603	46
604			46
604-1	604-1BK		46
605		s-605	46

Box	Bulk	Retail Pkg	Pg
605-1			46
605-2		s-605-2	46
605-3			46
		s-609	46
611-4		s-611-4	46
611-6		s-611-6	46
612-6		s-612-6	46
613-8			46
614-2	614-2BK	s-614-2	46
614-4	614-4BK	s-614-4	46
614-6		s-614-6	46
615	615BK		46
615-8			46
616			47
617		s-617	46
618			47
		s-620	47
		s-621	46
621-11			46
622			46
623			47
		s-637	48
		s-638	48
		s-638-1	48
638-7			48
		s-639	48
640	640BK	s-640	47
641		s-641	47
642	642BK	s-642	47
642-1			47
643	643BK	s-643	47
643-1		s-643-1	47
643-3		s-643-3	47
646	646BK	s-646	47
646-1		s-646-1	47
647		s-647	47
647-1			47
647-2			47
		s-648	47
		s-649	47
650		s-650	47
651	651BK	s-651	47
651-1	651-1BK		47
652		s-652	47
652-4			47
652-8		s-652-8	47
653		s-653	48
653-2		s-653-2	48
653-4	653-4BK	s-653-4	48
655		s-655	48
655-1		s-655-1	48
656		s-656	48
		s-656-1	48

Box	Bulk	Retail Pkg	Pg
		s-657	49
		s-657-1	49
		s-657-3	49
658	658BK	s-658	49
659		s-659	49
660			49
663		s-663	49
		s-680	49
681			49
681-1			49
683-4A		s-683-4A	50
683-6A		s-683-6A	50
684	684BK	s-684	50
684-4	684-4BK	s-684-4	50
685-4		s-685-4	50
685-6		s-685-6	50
		s-685-8	50
686-3HF	686-3HFBK		50
686-4			50
686-4HF	686-4HFBK		50
686-5			50
686-5HF	686-5HFBK		50
690	690BK	s-690	51
		s-690-12	51
691	691BK		51
		s-692	51
693	693BK	s-693	51
		693BLK	51
		s-693-12	51
		693-12CG	51
694	694BK		51
695	695BK	s-695	51
		s-696	51
697		s-697	51
697-2		s-697-2	51
698	698BK	s-698	51
699	699BK	s-699	51
707			65
711		s-711	65
713	713BK		65
714	714BK		65
715	715BK	s-715	65
715MC			71
		s-715-4	65
715ST	715STBK	s-715ST	62
716	716BK	s-716	65
716MC			71
716ST	716STBK	s-716ST	62
717	717BK		65
717-6	717-6BK		65
717ST	717STBK		62
718	718BK	s-718	65
718ST	718STBK	s-718ST	62

Box	Bulk	Retail Pkg	Pg
719	719BK	s-719	65
719ST	719STBK	s-719ST	62
726			65
727	727BK	s-727	65
		727MC-20	71
		s-727-5	65
728	728BK	s-728	65
		728MC-20	71
729	729BK		65
731	731BK	s-731	65
732	732BK	s-732	65
733	733BK	s-733	65
736	736BK		65
736-6	736-6BK		65
743	743BK	s-743	61
744	744BK	s-744	61
745	745BK	s-745	62
746	746BK	s-746	62
755	755BK	s-755	65
756	756BK	s-756	65
760		s-760	68
		760VC-20	71
760-1		s-760-1	68
761		s-761	68
		761VC-20	71
761-1		s-761-1	68
762		s-762	68
762-1		s-762-1	68
763		s-763	68
763-1		s-763-1	68
764		s-764	68
764ST	764ST	s-764ST	62
		764VC	71
765		s-765	68
765ST	765ST	s-765ST	62
		765VC	71
766		s-766	68
766ST	766ST	s-766ST	62
767		s-767	68
767ST	767ST	s-767ST	62
768			65
		s-772	69
775	775BK	s-775	69
		775AC	71
		s-775-4	69
776	776BK	s-776	69
		776AC	71
776-4			69
776-6			69
777	777BK	s-777	69
		777AC-20	71
777-4	777-4BK		69
777-6			69

Box	Bulk	Retail Pkg	Pg
778	778BK	s-778	69
		778AV-20	71
779			70
		s-782	70
783	783BK	s-783	70
		783TC-20	71
784	784BK	s-784	70
		784TC-20	71
785	785BK	s-785	70
785ST	785STBK	s-785ST	63
		785TC	71
786	786BK	s-786	70
786-4			70
786-6			70
786ST	786STBK	s-786ST	63
		786TC	71
787	787BK		70
788			70
788ST	788STBK	s-788ST	63
789			70
789ST	789STBK	s-789ST	63
790	790BK	s-790	72
791	791BK	s-791	72
792	792BK	s-792	72
794		s-794	72
795			72
796			72
797			72
798			72
802			80
805			80
805 KIT			80
807			80
819			80
825			80
827			80
838			80
839			80
		s-917	82
		s-920	82
	921BK	s-921	82
	925BK	s-925	82
	927BK	s-927	82
		s-928	82
	929BK	s-929	82
		s-931	82
		s-932	82
		s-933	82
		s-934	82
		s-935	83
		s-936	83
		941	81
		942	81

Box	Bulk	Retail Pkg	Pg
		951	83
		956	83
		s-976	84
		976BLK	81
		s-982	84
		s-986	84
		s-986C	83
		986BLK	81
	986BNT		84
		s-986CBNT	83
		1001	100
		1001-4	100
		1001-4B	100
		1001-16	100
		1001-16B	100
		1001-32	100
		1002	99
		1002-32	99
		1002-32S	99
		1003-4	100
		1018	88
1018M			91
1018P			91
1018-6			88
		1018-8	88
		1019	88
1019-6			88
		1019-8	88
		1020	88
1020-6			88
		1020-8	88
1022-8			89
1022-10			89
1026			91
1026-8			91
1027			91
1027-8			91
		1028	92
1028P			91
		1028-8	92
		1029	92
		1029-8	92
		1030	92
		1030-8	92
1031-8			92
1035			89
1036			89
1037			89
1037-8			89
		s-1060	103
		s-1062	103
1071			97
1072			98

INDEX

Box	Bulk	Retail Pkg	Pg
1072-2			98
1086-2	1086-2BK	s-1086-2	103
1086-4	1086-4BK	s-1086-4	103
1086-6	1086-6BK	s-1086-6	103
1086-8	1086-8BK		103
1086-12A	1086-12ABK		103
		s-1086-14	103
1086-16A	1086-16ABK		103
		s-1086-19	103
		s-1086-20	103
1086-20A	106-20ABK		103
		s-1086-21	103
1086-24	1086-24BK		103
		s-1086-38	103
		s-1086-50	103
1086-M	1086-MBK		103
1087-2	1087-2BK		104
1087-2HF	1087-2HFBK		104
1087-4	1087-4BK		104
1087-4HF	1087-4HFBK		104
1087-6	1087-6BK		104
1087-6HF	1087-6HFBK		104
1087-8	1087-8BK		104
1087-8HF	1087-8HFBK		104
1087-12	1087-12BK		104
1087-16	1087-16BK		104
1088-2			104
1088-4			104
1088-6			104
1088-8			104
1088-12			104
1088-16			104
1088-24			104
1090-70			104
1090-125		s-1090-125	104
1090-150		s-1090-150	104
1090-200		s-1090-200	104
1091		s-1091	105
1091-1		s-1091-1	105
1091-2			105
1092-1			105
1092-2			105
1093-4		s-1093-4	105
1093-8		s-1093-8	105
1093-12			105
1094-4		s-1094-4	105
1094-6		s-1094-6	105
1094-8		s-1094-8	105
1094-12			105
1094-16			105
1095-75-9			106
1095-125			106
1095-150			106

Box	Bulk	Retail Pkg	Pg
1097-6		s-1097-6	106
1097-8		s-1097-8	106
1098-4			106
1098-6			106
1100			94
1100M			95
1101			94
1101M			95
1102			94
1102M			95
1103M			95
1104M			95
1106			94
1106-1			95
1107			94
1108			94
		1109	96
1109-1			96
		1109-5	96
		1110	96
1110-1			96
		1110-5	96
		1111	96
1111-1			96
		1111-5	96
		1113	90
		1113-8	90
		1114	90
		1114-8	90
		1115	90
		1115-8	90
1118-1			89
1118-2			114
1120-6			88
1120-8			88
1122-8			89
1131-9			93
1131-10			93
1132-8			93
1139-1			106
1139-2			106
		s-1140	94
		s-1142	96
1142-1			96
1142-2			96
		s-1144	88
1144M			88
1144-1			89
1144-2			114
	1145BK	s-1145	90
1145-1			114
1145-2			90
		s-1150	92

Box	Bulk	Retail Pkg	Pg
1150M			92
1150-1			114
1152			91
1152-1			114
1160			93
1163			93
		s-1163-1	93
		s-1163-3	107
		s-1163-5	107
		s-1163-10	107
		s-1163-11	107
		s-1163-14	93
1163-20			93
1163-21			93
		s-1163-22	93
1166			93
1168			89
1170			97
		1170-1	98
1170-2			97
		1170-8	98
	1173BK	s-1173	98
		s-1174	98
1174-7			98
1180-2		s-1180-2	107
		1188	91
		1189	91
		1190	91
		1191	91
		1192	91
		1193	91
		1194	91
		1195	91
		1210	108
		1235	108
		s-1251	108
1251-2			108
		s-1255	109
		s-1257	109
		1260	109
		1260M	109
		1300-SS-01	212
		1300-SS-02	212
		1300-SS-03	212
		1300-SS-04	212
		1300-SS-05	213
		1300-SS-06	213
		1300-SS-07	213
		1300-SS-08	213
		1300-SS-09	213
		1300-SS-10	213
		1305-EV-01	214
		1305-EV-02	214

INDEX

Box	Bulk	Retail Pkg	Pg
1455			25
1457			27
1460			32
1470			32
1471			32
1472			32
1475			32
1477			32
1496			32
1623-11			54
1624-11			54
1626			56
1626-1			56
	1627-100		54
	1627-250		54
	1627-500BK		54
1628-1			55
	1629-100		54
	1629-250		54
	1629-500BK		54
1630			55
	1630-100		55
	1630-250		55
	1630-500BK		55
1631			55
1632			55
	1632-100		55
	1632-200		55
	1632-500BK		55
1633			55
1634			55
1635			55
1636			55
1636-1			55
1636-150			55
1636-500BK			55
1638			55
1642			56
	1642-500BK		56
1643			56
1644			56
1645			56
1654-2	1654-2BK		56
1654-3	1654-3BK		56
1654-4	1654-4BK		56
1654-5	1654-5BK		56
1654-6	1654-6BK		56
1654-7	1654-7BK		56
1654-8	1654-8BK		56
1654-9	1654-9BK		56
1654-12	1654-12K		56
		1667	57
		1669	57

Box	Bulk	Retail Pkg	Pg
		1669-1	57
1669-100			57
		1670	57
1671-10			57
1671-20			57
1671-30			57
1672-20			57
1672-30			57
1673-20			57
		1674	57
		1674-4	57
		1675	57
		1675-1	57
		1675-4	57
		1675-5	57
1700			54
1702-4	1702-4BK		54
1703-6			54
1704-6			54
1704-8			54
1705-4			54
1705-6			54
1706-4			54
1706-6		s-1706-6	54
1717-4	1717-4BK		65
1717-6	1717-6BK		65
1736-4	1736-4BK		65
1736-6	1736-6BK		65
1740-4			54
1742-6			54
1746-6	1746-6BK		63
1747-6	1747-6BK		63
1750	1750BK	s-1750	60
1751	1751BK	s-1751	60
1752	1752BK	s-1752	60
1753	1753BK	s-1753	60
1754	1754BK		60
1755	1755BK		60
1756	1756BK	s-1756	60
1757	1757BK	s-1757	60
1758	1758BK	s-1758	60
1759	1759BK	s-1759	60
1761	1761BK		76
1762			76
1763			76
1764	1764BK		76
1765	1765BK		174
1766			174
1767	1767BK		76
1768			76
1173	1773BK	s-1773	61
1774	1774BK	s-1774	61
1777-6			174

Box	Bulk	Retail Pkg	Pg
1783-6			70
1786-4			70
1786-6			70
1796-6	1796-6BK		73
1797-6			73
		s-1802	63
1803	1803BK	s-1803	63
1804	1804BK	s-1804	63
1805	1805BK	s-1805	63
1806	1806BK	s-1806	63
1806-6	1806-6BK		184
1807	1807BK	s-1807	63
1807-6			63
1808	1808BK	s-1808	63
1809	1809BK	s-1809	63
1810	1810BK	s-1810	63
1813			64
1814			64
1815	1815BK	s-1815	64
		s-1815-2	64
1816	1816BK	s-1816	64
1817	1817BK	s-1817	64
1818	1818BK	s-1818	64
1819	1819BK		64
1820			64
1833	1833BK	s-1833	73
1834	1834BK	s-1834	73
1835	1835BK	s-1835	73
		s-1835-4	73
1836	1836BK	s-1836	73
1836-6			73
1837	1837BK	s-1837	73
1837-6	1837-6BK		73
1838	1838BK	s-1838	73
1839	1839BK	s-1839	73
1840	1840BK	s-1840	73
1855	1855BK		64
1857	1857BK		64
1858	1858BK		64
1859	1859BK		64
1860			64
1862			77
1862-6			77
1862-8			77
1862-10			77
1862-14			77
1863			77
1863-6			77
1863-8			77
1864			77
1864-6			77
1864-8			77
1864-10			77

INDEX

Box	Pg
1865-1	77
1865-3	77
1865-4	77
1875	73
1877	73
1878	73
2001-2	110
2001-4	110
2001-5	110
2001-7	110
2001-9	110
2002-4	110
2002-5	110
2002-7	110
2002-9	110
2003-2	110
2003-3	110
2003-4	110
2003-5	110
2003-7	110
2003-8	110
2004-1	110
2004-2	110
2004-3	110
2004-4	110
2004-7	110
2004-8	110
2004-9	110
2005-5	111
2005-7	111
2005-8	111
2006-2	111
2006-3	111
2006-4	111
2006-5	111
2006-7	111
2006-8	111
2006-9	111
2007-4	111
2007-5	111
2007-7	111
2007-9	111
2008-5	111
2009-5	111
2009-7	111
2010-4	111
2101-5	110
2101-7	110
2102-2	110
2102-4	110
2102-5	110
2102-7	110
2103-1	110

Box	Retail Pkg	Pg
2103-2		110
2103-4		110
2103-5		110
2103-7		110
2104-4		110
2104-5		110
2104-7		110
2105-1		111
2105-2		111
2105-5		111
2106-4		111
2106-5		111
2107-5		111
2108-4		111
2200-1		112
2200-2		112
2200-3		112
2200-4	s-2200-4	112
2200-5		112
2200-6		112
2200-8	s-2200-8	112
2200-9	s-2200-9	112
2200-10	s-2200-10	112
2200-11		112
2200-12		112
2200-13		112
2200-14		112
2202-2		112
2202-3	s-2202-3	112
2202-4	s-2202-4	112
2202-5		112
2202-6		112
2202-9		112
2202-10	s-2202-10	112
2202-11	s-2202-11	112
2202-12		112
2202-13		112
2202-14		112
2204-1		112
2204-2		112
2204-7		112
2204-11		112
2204-12		112
2205-1		113
2205-2		113
2206-1		113
2206-2		113
2206-7		113
2207-1	s-2207-1	113
2207-2		113
2207-3	s-2207-3	113
2207-4		113
2209-1	s-2209-1	113

Box	Retail Pkg	Pg
2209-2		113
2209-3	s-2209-3	113
2209-4		113
2210-1	s-2210-1	113
2210-2		113
2210-3		113
2210-4		113
2211-1		113
2212-1		113
2212-3		113
2213-1		113
2214-1		113
2214-2		113
2214-6		113
2214-7		113
	2750-12SS	114
	2751-2514SS	115
	2751-3514SS	115
	2751-5014SS	115
	2752-2514SS	115
	2752-2538SS	115
	2752-3514SS	115
	2752-3538SS	115
	2752-5014SS	115
	2752-5038SS	115
	2753-2512SS	115
	2753-2538SS	115
	2753-3512SS	115
	2753-3538SS	115
	2753-5012SS	115
	2753-5038SS	115
	2754-2514SS	115
	2754-3514SS	115
	2754-5014SS	115
	2755-2514SS	115
	2755-2538SS	115
	2755-3514SS	115
	2755-3538SS	115
	2755-5014SS	115
	2755-5038SS	115
	2756-2512SS	115
	2756-2538SS	115
	2756-3512SS	115
	2756-3538SS	115
	2756-5012SS	115
	2756-5038SS	115
2760-3LH		117
2760-6LH		117
	2760-50D	117
2770-3LH		117
2770-6LH		117
	2770-50D	116
2770-SWIV		116

Box	Retail Pkg	Pg
2780-3LH		117
2780-6LH		117
	2780-50D	117
	2790-50D	116
	2800MILKIT	119
	2800S-KIT	118
	2810A-KIT	118
	s-3100	120
	s-3101	120
	s-3102	120
	s-99681-4	51
	s-99681-5	51
	s-99681-7	51
	s-99681-8	51
	s-99681-9	51
	s-99705	76
	s-99706	76
	s-99773	76
	s-99774	76
	s-99787	76
	s-99900	84
	EX516DIG	84
	EX4405KIT	17
	EX5005CKIT	16
	EX5005KIT	16
	EX0307BKIT	22
	EX0312BKIT	22
	EX0317BKIT	23
	EX0318BKIT	23
	EX0320HKIT	23
	EX0325HKIT	23
	EX0312MKIT	24
	EX0320MKIT	24
	EX0500D	44
	EX0500P	44
	EX0510BKIT	24
	EX0510PKIT	24
	EX448DIG	28
	EX536KIT	44
M42-06HFCFP		78
M42-06HFCMP		78
M42-06HFCSP		78
M43-06FFCF		78
M43-06FFCM		78
M43-06FFCS		78
M44-06SPCFP		79
M44-06SPCMP		79
M44-06SPCSP		79
M45-04RFCFB		79
M45-04RFCMB		79
M45-04RFCSB		79
M46-04SOCFB		79
M46-04SOCMB		79

ZEELINE by Milton®

Box	Retail Pkg	Pg
M46-04SOCB		79
M47-12FFCF		78
M47-12FFCM		78
M47-12FFSF		78
M48-08FFCF		78
M48-08FFCM		78
M48-08FFCS		78
	MIL507KIT	36
P08-A1-506		40
P98-A1-501		40
P500-44		40
P576-1		38
P1120-17		89
P1170-15		97
P2761		117
P2771		116
P2781		117
P2791		116

50-Pk Bulk	100-Pk Bulk	500-Pk Bulk	Retail Pkg	Pg
DBLSEAL-CAP		DBLSEAL-CAPBK	s-DBLSEAL-CAP	26
TPMS-1		TPMS-1BK	s-TPMS-1	26
TPMS-2		TPMS-2BK	s-TPMS-2	26
	TPMSBLK-CAP		s-TPMSBLK-CAP	26
	TPMSGRN-CAP		s-TPMSGRN-CAP	26

	ULR122512	52
	ULR122538	52
	ULR125012	52
	ULR125038	52
	ULR12RR12F	53
	ULR12RRSP	53
	ULR142514	52
	ULR145014	52
	ULR14RR14F	53
	ULR14RR14S	53
	ULR14RRSP	53
	ULR382514	52
	ULR382538	52
	ULR383538	52
	ULR385014	52
	ULR385038	52
	ULR3810038	52
	ULR38RR14F	53
	ULR38RR14S	53
	ULR38RRSP	53
ULR12100BK		53
ULR12300BK		53
TS-001BK	TS-001	25
TS-002BK	TS-002	25
	s-Milton2x4	121
	s-Milton4x4	122

Part No.	Pg
ZE0008	157
ZE0012	157
ZE075NDT	178
ZE08DEF750	198
ZE6EV	151
ZE6OD	140
ZE8DC	146
ZE10	170
ZE11SP	168
ZE12	168
ZE17	159
ZE18	168
ZE19R	168
ZE20	180
ZE20WB	180
ZE21CM	150
ZE21CMB	150
ZE21DC	146
ZE21EV	151
ZE21EVB	152
ZE21OD	140
ZE21PD	147
ZE21TD	147
ZE23	170
ZE24	170
ZE24WH	168
ZE27	169
ZE28	169
ZE29	170
ZE30A1	177
ZE31	170
ZE34	172
ZE36WH	168
ZE37	172
ZE38	172
ZE43	206
ZE44	169
ZE48	169
ZE49	172
ZE52	169
ZE55	171
ZE57	202
ZE62	172
ZE63	202
ZE64	202
ZE65	171
ZE66SS	171
ZE67	202
ZE67SG	202
ZE68	202
ZE69	172
ZE70	172

Part No.	Pg
ZE71	172
ZE72	172
ZE73	172
ZE74	172
ZE75	172
ZE77SP	172
ZE78	172
ZE79	172
ZE80	171
ZE81	202
ZE82SP	172
ZE82SS	202
ZE85SP	172
ZE86	205
ZE87SP	172
ZE89	202
ZE93	206
ZE94	206
ZE95	206
ZE96	135
ZE97	206
ZE101	141
ZE102	170
ZE103	181
ZE104SM	170
ZE105	200
ZE105-S	200
ZE120	200
ZE120-S	200
ZE130-S	200
ZE135	200
ZE135WC	200
ZE137	200
ZE138-S	200
ZE140-S	200
ZE140-SOR	300
ZE148	199
ZE150	199
ZE151	187
ZE155	144
ZE167	201
ZE169	179
ZE170	142
ZE175	180
ZE186	168
ZE202	181
ZE227	149
ZE240	194
ZE321	141
ZE327	163
ZE328	163
ZE331	162
ZE333	162

Part No.	Pg
ZE336	144
ZE338	144
ZE343	162
ZE353	141
ZE360	193
ZE363	193
ZE365	187
ZE366	145
ZE366T	145
ZE369	193
ZE369BC	194
ZE373	187
ZE373HK	187
ZE374	192
ZE375	187
ZE376	192
ZE377	192
ZE381	142
ZE382	142
ZE386	190
ZE387	187
ZE540	161
ZE541	161
ZE550	161
ZE567	161
ZE625	162
ZE660	169
ZE700	152
ZE701	205
ZE702	152
ZE703	205
ZE705	205
ZE707	205
ZE721	205
ZE731	206
ZE732	206
ZE737	206
ZE751	206
ZE753	206
ZE755	206
ZE757	206
ZE759	204
ZE761	204
ZE764	204
ZE765	205
ZE766	205
ZE769	204
ZE770	204
ZE775	204
ZE785	205
ZE798	204
ZE799	204
ZE830	201

INDEX

Part No.	Pg
ZE911	165
ZE912-19L	164
ZE912-20	164
ZE915	165
ZE923	173
ZE924	173
ZE925	173
ZE929	173
ZE930	174
ZE932	174
ZE945	174
ZE960	178
ZE961	178
ZE962	178
ZE963	178
ZE975	143
ZE1000	194
ZE1002	179
ZE1003	179
ZE1009	189
ZE1009H	189
ZE1014	191
ZE1014R	191
ZE1025	189
ZE1035	134
ZE1035K	135
ZE1035K2	135
ZE1040	134
ZE1040K	135
ZE1040UL	134
ZE1200	175
ZE1212	154
ZE1212K	154
ZE1220	153
ZE1220KC	153
ZE1230OR	133
ZE1250OR	133
ZE1450GR	157
ZE1459NS	198
ZE1512	175
ZE1514	175
ZE1523	160
ZE1524	160
ZE1533	158
ZE1534	158
ZE1536	158
ZE1537	181
ZE1537C	181
ZE1538	181
ZE1538C	181
ZE1539	181
ZE1539C	181
ZE1541	181

Part No.	Pg
ZE1542	181
ZE1543	181
ZE1544	159
ZE1545	159
ZE1546	157
ZE1547	157
ZE1559A2-ASSY	134
ZE1559A-ASSY	134
ZE1700	124
ZE1700K	125
ZE1701	126
ZE1701K	127
ZE1702	128
ZE1702K	128
ZE1730	130
ZE1730K	130
ZE1731	131
ZE1731K	131
ZE1746	132
ZE1746K	132
ZE2134	198
ZE2136	198
ZE2178	198
ZE2500	138
ZE2501	138
ZE2502	137
ZE2503	137
ZE2510	136
ZE2511	136
ZE2520	158
ZE3412	175
ZE3414	175
ZE3420	175
ZE3574	155
ZE3574K	156
ZE3574KC	156
ZE3713	185
ZE5001	202
ZE5702	185
ZE5792	187
ZE6602	139
ZE7000	188
ZE7002	188
ZE7019AC	182
ZE7019ACK	182
ZE7019L	182
ZE7020	182
ZE7050	133
ZE9008	185
ZE9112	185
ZE9115	185
ZE9115-551	184
ZE9115-552	184

Part No.	Pg
ZE9115-IBC1	183
ZE9115-IBC2	183
ZE10010	193
ZE10010BC	194
ZE10020	193
ZE10044	193
ZE10050	193
ZE10080	196
ZE10110	190
ZE10120	193
ZE10130	196
ZE10190	195
ZE10191G	195
ZE10193	187
ZE10210	195
ZE10211	187
ZE10231	191
ZE10240	191
ZE10250	189
ZE10255	191
ZE10256	191
ZE10265	201
ZE10266	201
ZE10267	201
ZE11219	187
ZE15441	181
ZE47722	171
ZE47724	171
ZE47725	171
ZE75000	181
ZE75100	181
ZE103501	135
ZE104006G	142
ZE107012	160
ZE107016	160
ZE104001	135
ZE104006G	142
ZE107012	160
ZE107016	160
ZEA-102	203
ZEA-104	203
ZEBOWL	180
ZED01	142
ZED-100	203
ZED-101	203
ZED-102	203
ZED-108	203
ZED-154	203
ZEDEF-15	186
ZEDEF-905	186
ZEDEF-906	186
ZEDEF-907	186
ZEDEF-107233	186

Part No.	Pg
ZEDEF-V750	198
ZEDG-55	197
ZED-S	142
ZED-S1	142
ZEGS541	161
ZEHD4	167
ZEHD5	167
ZEL30-94N	177
ZEL30-95N	198
ZELD5	166
ZELO100	197
ZELP17	148
ZELP17-EP	149
ZELP17-MP	148
ZEMD4	166
ZEMD5	166
ZENS-10	180
ZENS-10-BSP	180
ZENS-10W	180
ZENS-30	180
ZENS-30AR	180
ZENS-40	180
ZENS-40WB	180
ZETG60	197
ZETG72	197
ZEZ-131	203
ZEZ-133	203
ZEZ-134	203

LTI Tool by Milton®

Part No.	Pg	Part No.	Pg
LT125	222	LT1460	225
LT128	222	LT1470	225
LT130	222	LT1500	226
LT135	222	LT1500 (A-Y)	226
LT140	223	LT-1500LWC	226
LT145	223	LT-1500WC	226
LT146	223	LT1510	226
LT148	224	LT1550	226
LT200	221	LT1560	226
LT230	236	LT1590	226
LT271	224	LT1593	226
LT275	224	LT1595	226
LT276	224	LT1600 (B-Y)	225
LT400-17	228	LT1900	217
LT400-25	228	LT1900XL	217
LT450	221	LT1910	217
LT465	231	LT1910PK	219
LT498	220	LT1910XL	217
LT498-1	220	LT1920	218
LT500	221	LT1920XL	218
LT620	224	LT1930	218
LT730	236	LT1930XL	218
LT740	237	LT1940-1/2	219
LT770	235	LT1940-3/4	219
LT830A	235	LT1940-3/8	219
LT840	218	LT2510	231
LT855A	220	LT2650	236
LT855-AH	219	LT4000	232
LT855-AH-SK	219	LT4150	232
LT856	220	LT4155	232
LT886	237	LT4160	232
LT890	235	LT4165	232
LT891	235	LT4170	232
LT895	235	LT4175	232
LT940	237	LT4180	232
LT991	238	LT4181	232
LT993	234	LT4200A	228
LT994	216	LT4240	228
LT996D	216	LT4300	228
LT999	238	LT4350	228
LT1000	221	LT4400	228
LT1230	230	LT4500	228
LT1233	230	LT4501	228
LT1240	230	LT4569	233
LT1250	230	LT4600	228
LT1260	230	LT4700	228
LT1270	230	LT4800	228
LT1350	231	LT4850	228
LT1350-8	231	LT4875	230
LT1400 (BB-Q)	225	LT4875A	230
LT1400WC	225	LT4876	230
LT1450	225	LT4876A	230
		LT4996	234

ProMaxx by Milton®

Part No.	Pg
PMX0200PRO	242
PMX1200PRO	244
PMXA200PRO	245
PMXAI200PRO	245
PMXB200PRO	244
PMXBD300PRO	244
PMXBK125	252
PMXBK188	252
PMXBKMSTR	252
PMXCD200PRO	245
PMXC200PRO	240
PMXCHR200	253
PMXCSR035KIT-ECO	251
PMXCSR050KIT-COY	251
PMXD200PRO	244
PMXDVR300PRO	247
PMXEI200PRO	241
PMXG300PRO	240
PMXGD300PRO	240
PMXH200PRO	244
PMXIGN300PRO	241
PMXIMR300PRO	241
PMXISP200PRO	242
PMXISS200PRO	242
PMXKDN200PRO	245
PMXL200PRO	240
PMXM200PRO	244
PMXMCK300PRO	247
PMXMII200PRO	244
PMXN200PRO	242
PMXNIC200PRO	241
PMXOPR300PRO	240
PMXP200PRO	242
PMXPDH250A	253
PMXPDT250A	253
PMXPDT266ACC	253
PMXPDT266BTS	253
PMXPEK08-125	252
PMXPEK10-150	252
PMXPEK12-125	252
PMXPEK12-175	252
PMXPEK375-16	252
PMXPEKMSTER	252
PMXPHR106A	251
PMXPHR106AK	251
PMXPHR111A	251
PMXPHR111AK	251
PMXPLP235	250
PMXPLP2PK	250
PMXPLP310	250
PMXPPB2125	254
PMXPPB2188	254

Part No.	Pg
PMXPPB2266	254
PMXPPB2270	254
PMXPPB2320	254
PMXPPB3125	254
PMXPPB3188	254
PMXPPB3270	254
PMXPPB3313	254
PMXPPB3320	254
PMXPPB3345	254
PMXPPB3380	254
PMXPPB3395	254
PMXPPB3420	254
PMXPPB5125	254
PMXPPB5188	254
PMXPPB5266	254
PMXPPB5270	254
PMXPPB5320	254
PMXPPB5420	254
PMXPPB5485	254
PMXPPD2800PRO	253
PMXPPG001	248
PMXPPG016	248
PMXPPS006012B	251
PMXPPS006012B-2PK	251
PMXPPS006012B-4PK	251
PMXPPS008012	251
PMXPPS008012-PK4	251
PMXPPS008012-PK8	251
PMXPPT125	252
PMXPPT188	252
PMXPPTMSTSET	252
PMXPST500PRO	246
PMXPST500PROP	243
PMXPST505PRO	243
PMXPST505PROP	243
PMXPST510PRO	246
PMXPST520PRO	243
PMXPST530PRO	246
PMXPST540PRO	246
PMXPST550PRO	243
PMXPTE110PRO	249
PMXPTE110PROP	249
PMXPTE115PRO	249
PMXPTE115PROP	249
PMXPTE120PRO	249
PMXPTE120PROP	249
PMXPTE130PRO	249
PMXPTE130PROP	249
PMXPWP200PROP	242
PMXPWP220PROP	244
PMXPWP2PK	250
PMXPWP330	250
PMXPWP330PRO	250

Part No.	Pg
PMXPWP380	250
PMXPWP380PRO	250
PMXPWP3PK	250
PMXPWP440	250
PMXPWP440PRO	250
PMXPWP510PRO	243
PMXPWP630	250
PMXPWT560MSTR	243
PMXQ300PRO	243
PMXRII200PRO	240
PMXR200PRO	240
PMXRBY300PRO	242
PMXRBY300PROP	242
PMXRFN200	251
PMXRFN200P	251
PMXSDMX300PRO	244
PMXSRA200PRO	245
PMXT300PRO	244
PMXTBM200PRO	241
PMXTMR100KIT	248
PMXTOM400PRO	248
PMXTOM400PROP	248
PMXTOM410PRO	248
PMXTOM410PROP	248
PMXTOM450PRO	248
PMXTOM450PROP	248
PMXTOM460PRO	248
PMXTOM460PROP	248
PMXTOMGUNA	248
PMXTPF415AC	248
PMXTRK200	253
PMXTRK200MSTR	253
PMXTRN200PRO	240
PMXU300PRO	247
PMXUISX300PRO	247
PMXUISX310BSE	247
PMXXTR2266	254
PMXXTR2270	254
PMXXTRII2266	254
PMXXTRII2270	254
PMXY200PRO	245
PMXZ300PRO	247

STECK by Milton®

Part No.	Pg
STC790	268
STC900	277
STC16600	275
STC17000	259
STC17100	259
STC17150	259
STC17200	259
STC20000	262
STC20003	262
STC20007	262
STC20008	262
STC20012	256
STC20013	258
STC20014	258
STC20014C	258
STC20015	264
STC20016	264
STC20017	264
STC20022	263
STC20033	263
STC20037	263
STC20046	262
STC20047	262
STC20048	262
STC20049	262
STC20055	260
STC20085	260
STC20099	266
STC20222	260
STC20224	260
STC20350	277
STC21500	265
STC21542	256
STC21543	256
STC21600	258
STC21650	258
STC21710	257
STC21720	256
STC21725	256
STC21726	256
STC21730	256
STC21825	265
STC21835	265
STC21845	257
STC21870	259
STC21890	261
STC21892	261
STC21894	261
STC21896	261
STC21910	266
STC21960	267
STC21970	267

Part No.	Pg
STC23230	268
STC23240	257
STC32900	271
STC32903	271
STC32905	271
STC32908	274
STC32920	273
STC32922	273
STC32923	273
STC32924	273
STC32930	272
STC32933	272
STC32935	272
STC32950	274
STC32955	274
STC32955DLX	274
STC35013	269
STC35017	269
STC35025	269
STC35250	277
STC35260	277
STC35300	268
STC35660	278
STC35661	278
STC35662	278
STC35730	278
STC35753	270
STC35755	276
STC35756	276
STC35757	276
STC35760	270
STC35800	279
STC35885	270
STC35900	279
STC35910	279
STC35950	276
STC36000	270
STC71310	275
STC71410	275
STC71411	275
STC71412	275
STC71415	275
STC71465	286
STC71470	286
STC71480	286
STC71490	286
STC71510	266