



Hydraulic Brake Systems and Trailer Components

- Actuators • Brake Assemblies • Drums
- Couplers, Pintle Rings, Clevises & Channels
- Brake Line Kits • Ag Tongues, Brakes & Actuators • Brake Flanges



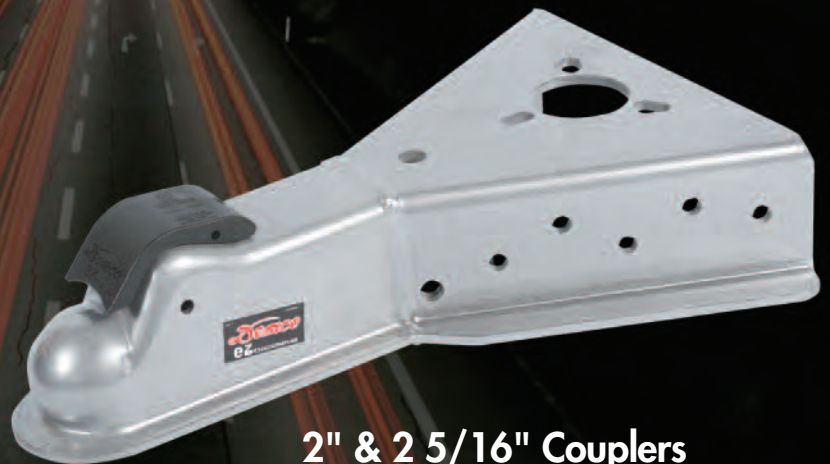
Brake Line Kits
Single • Tandem • Torsion • Sprung
Axles



Disc & Drum Actuators
6K - 20K



Drum Brake Assemblies
10" • 12" • 13" in Drum only



2" & 2 5/16" Couplers

Doing Our Best to Provide You the Best



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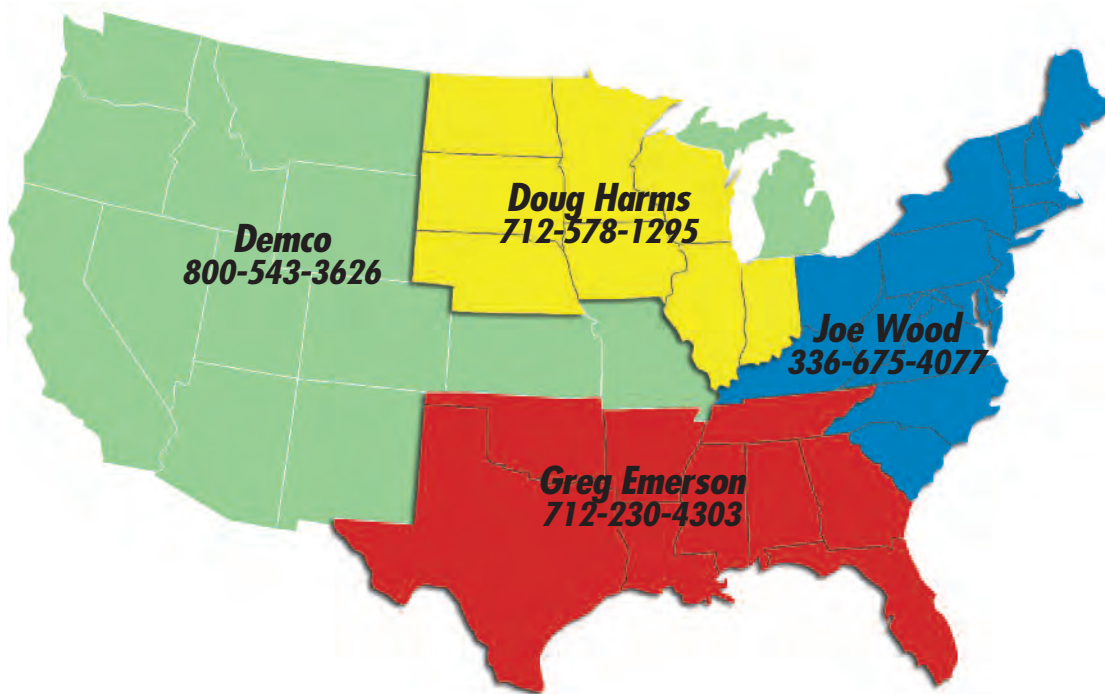
Innovations don't just happen every day.

At Demco we work with our customers every day to provide practical solutions with new and high quality products for our customers' everyday needs.

Focusing on the customer and quality is the key to success at Demco.

We build our trailer products to the highest standards for our customers who build some of the best trailers in the industry.

Covering you from coast to coast, our inside and outside sales team will make sure you have what you need, when you need it!



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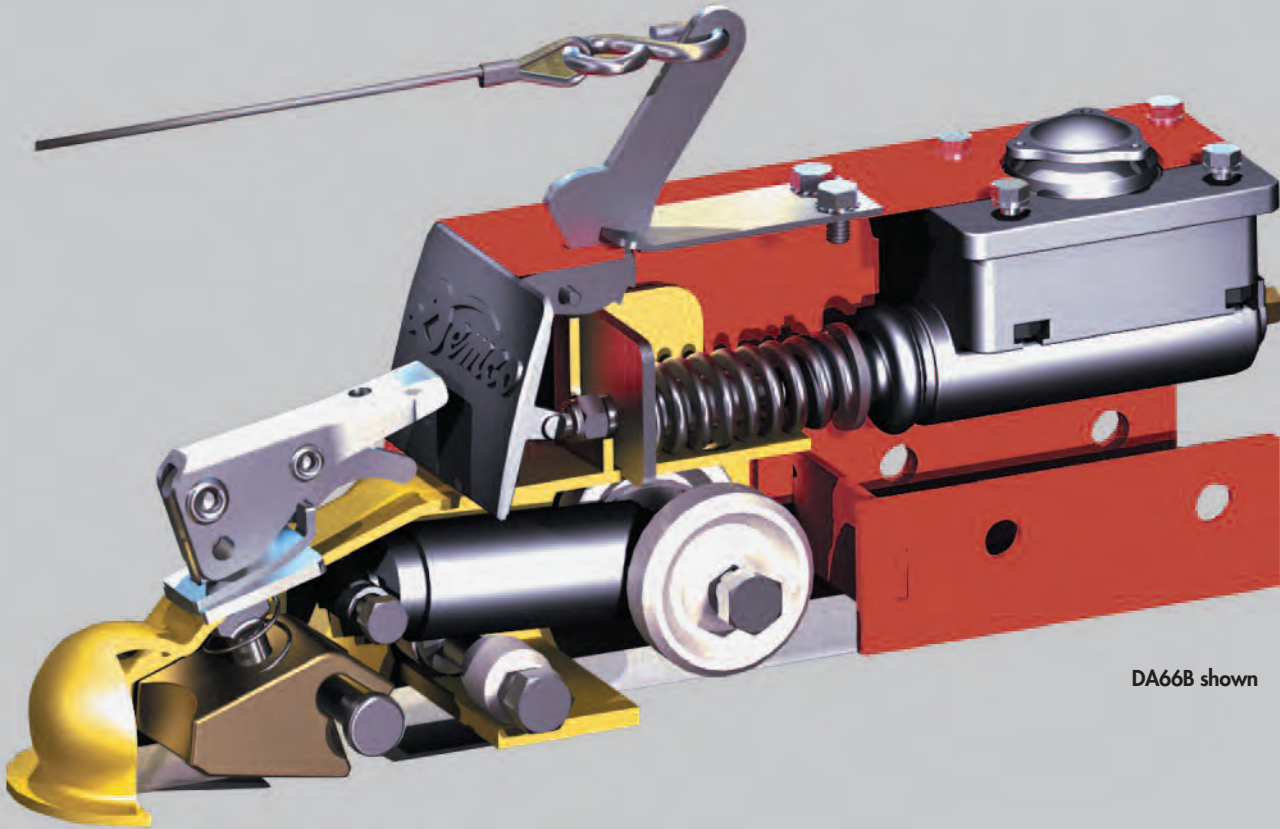
greg.emerson@demco-products.com



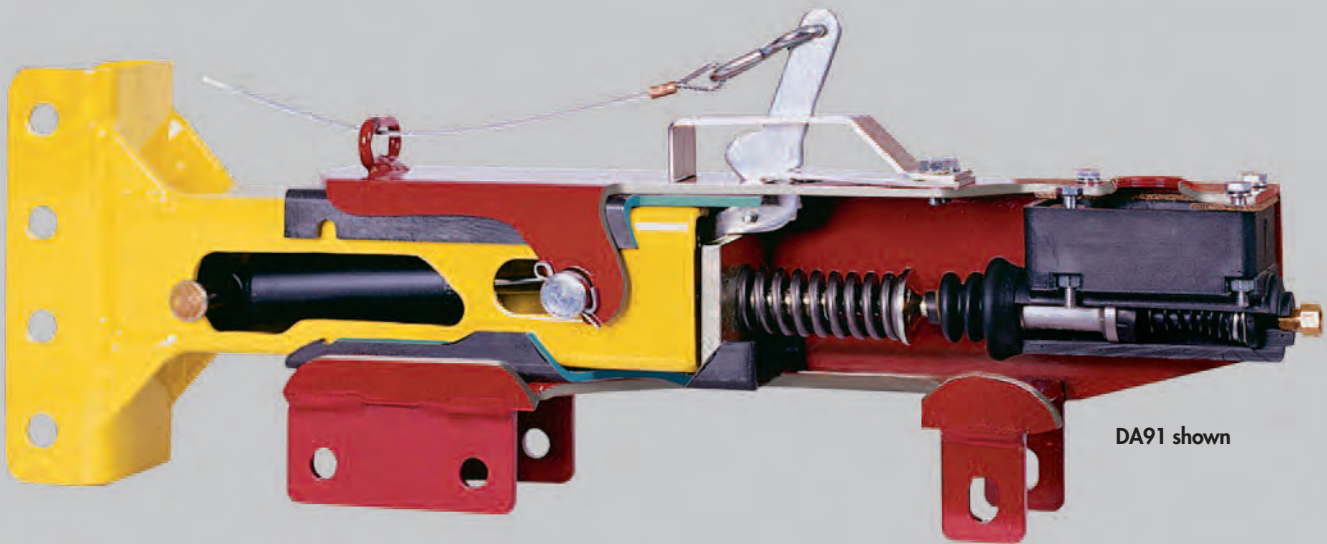
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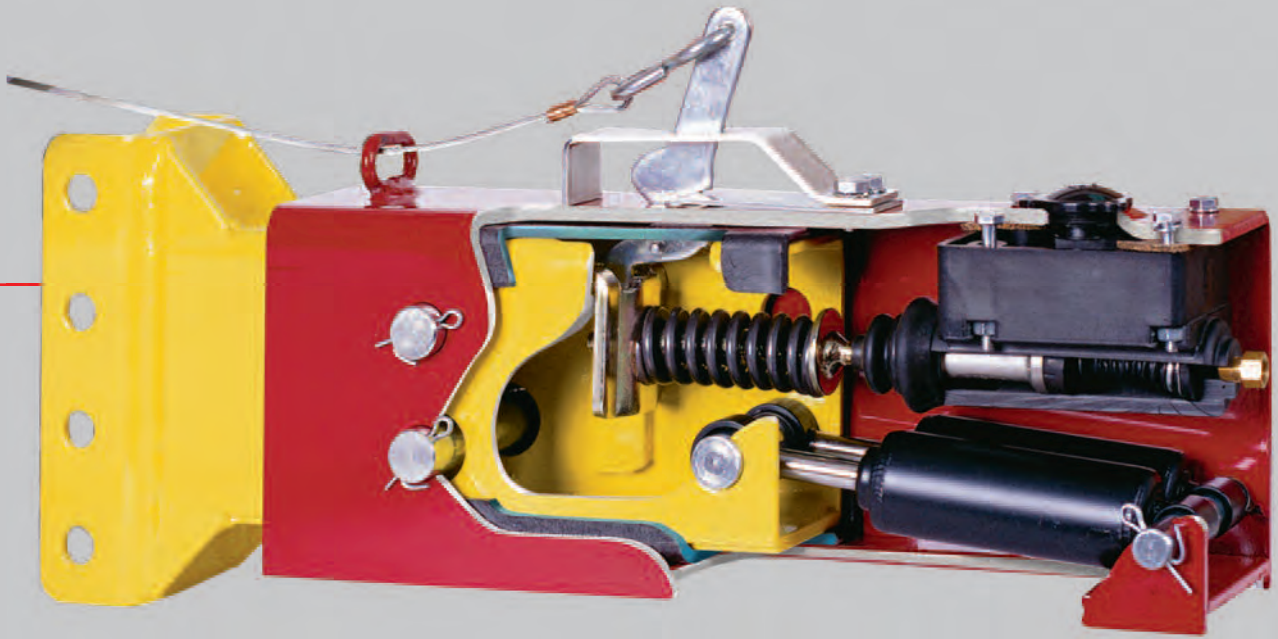
Our impressive brake system contains many improvements that call for a closer look at the quality built into each product Demco builds



DA66B shown



DA91 shown



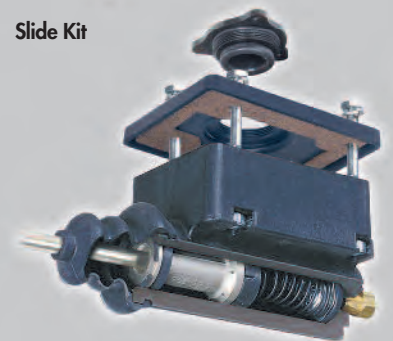
DA10 shown

With industry leading features Demco Actuators are built heavy duty in the USA for the safest braking and extended trouble-free life. Available in 6K to 20K models.

- Diaphragm in master cylinder cap provides completely enclosed system
- Raised fill plate prevents intrusion of contaminants when removing cap
- Tie loops on cap allow for tethering, creating a tamper-proof seal
- Bellow boot on pushrod for more resistance to moisture and contaminants
- Color-coded decal on emergency lever allows quick glance if brakes are on or off
- Actuators fit standard 3" tongues and 4" available as option
- 50° A-frame mounts available
- Acetyl Copolymer linings eliminated issue with rollers
- Line pressure controlled by spring loaded pushrod
- Integrated shock dampening design
- Emergency cable is attached with a new clevis for easy replacement in the field
- Finishes include zinc, primed, black and silver metallic for corrosion free operation
- Standard master cylinder (U.S. Patent #6,658,844) on all actuator models except for the DA20, is made of long glass reinforced nylon. Rust and corrosion are eliminated.
Anti-splash baffle deflects the brake fluid "geyser effect" when bleeding system
New composite master cylinder retrofits previous models without modification
- DA20 disc brake actuators feature a 1-1/4" bore aluminum master cylinder and heavy-duty push rod assembly for higher line pressures required for 3 or more axles



Slide Kit



U.S. Patent No. 6,658,844

Composite Master Cylinder



Aluminum Master Cylinder

U.S. Patent No. 6,658,844

Demco

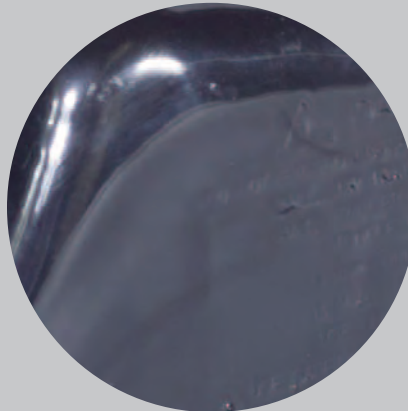
Available Finishes

Demco Actuators and Couplers
are available in 4 durable finishes



Primed: -97

Powder coated primed paint
finish



Black: -81

Powder coated black finish



Silver: -52

Powder coated silver metallic
finish



Zinc: -95

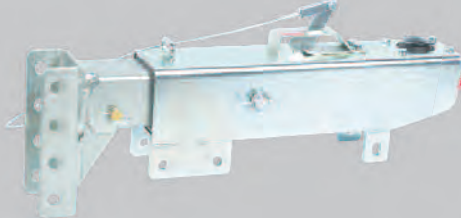
Plated zinc finish

Demco

Actuator Configurations

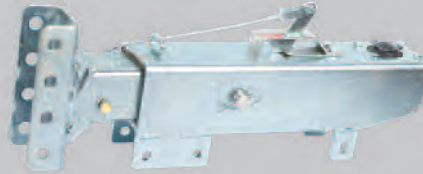
Center Channel and Coupler Positions

DA91 8759131



Channel Down

DA91 8759121



Channel Center

DA91 8759142-95



Channel Up

Outer Case Configurations

DA91 8760011



3 Hole Straight

DA91 8759131



3 Hole Standard

DA91 8759153



3 Hole

DA91 8759231



2 Hole

DA20 8202122



Weld On with Tube Mounts

DA91 8759522



50° Mount

DA10 8101023



5 Hole

DA20 8203322



Weld On /No Mount

DA10 8100122



With Angle Mounts

DA66B

6000 lb. G.V.W.R.



8605001

Drum brake actuator for use in marine applications. Zinc plated. 6000 lb. G.V.W.R. maximum rating. 600 lb. tongue load, limited to coupler rating. Mounts on 3" tongue with 2 – 1/2" x 4-1/2" grade 5 bolts. Lever-lock coupler design.

ITEM #	TYPE	DESCRIPTION	WT (LBS.)
8605001	DA66B	Plated, top mount, lever lock coupler	21



8605101

Disc brake actuator for use in marine applications. Zinc plated. 6000 lb. G.V.W.R. maximum rating. 600 lb. tongue load, limited to coupler rating. Mounts on 3" tongue with 2 – 1/2" x 4-1/2" grade 5 bolts. Lever-lock coupler design. Reverse solenoid and cover included. ****Solenoid requires power from back-up lights on tow vehicle****

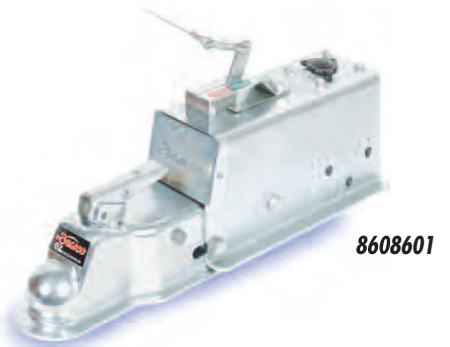
ITEM #	TYPE	DESCRIPTION	WT (LBS.)
8605101	DA66B	Plated, lever lock coupler Includes factory installed blocking solenoid kit	22

DA86

8600 lb. G.V.W.R.

Drum brake actuator for marine and light utility applications. Zinc plated and black powder coated finishes available. 8600 lb. G.V.W.R. maximum rating. 800 lb. tongue load, limited to the coupler rating. 2" eZ-Latch coupler – the safest in the industry: for easy hook up and safe operation. Large rollers in rear provide easier and smoother operation of the actuator. Reinforced outer case to prevent overtightening of the 3 – 1/2" x 4", grade 5 bolts. Mounts on 3" tongue.

ITEM #	TYPE	DESCRIPTION	WT (LBS.)
8608601	DA86	Plated, 2" eZ-Latch, bolt on case	25
8608701	DA86	Painted black, 2" eZ-Latch, bolt on case	25



8608601

Disc brake actuator for marine and light utility applications. Zinc plated and black powder coated finishes available. 8600 lb. G.V.W.R. maximum rating. 800 lb. tongue load, limited to the coupler rating. 2" eZ-Latch coupler – the safest in the industry: for easy hook up and safe operation. Large rollers in rear provide easier and smoother operation of the actuator. Reinforced outer case to prevent overtightening of the 3 – 1/2" x 4", grade 5 bolts. Mounts on 3" tongue. Reverse solenoid and cover included. ** Solenoid requires power from back-up lights on tow vehicle**

ITEM #	TYPE	DESCRIPTION	WT (LBS.)
8608611	DA86	Plated, 2" eZ-Latch, bolt on case, includes blocking solenoid	22
8608711	DA86	Painted black, eZ-Latch bolt on case, includes blocking solenoid	22



8608611

DA91

7000 lb. G.V.W.R.

For Drum Brakes



8509612

½" x 4 ½" grade 5 bolts are required in mounting of straight actuators. 700 lb. maximum tongue load or 10% of G.V.W.R. of coupler, vehicle, ball or trailer. 50° A-frame mounted actuator may be welded on. Plated actuator may be used in a marine application. DA91 and DA9150 actuators utilize Acetal Copolymer linings. Rollers are eliminated. G.V.W.R. – Limited to coupler rating. Emergency lever support and guide ring (on DA91 and DA95 series).

Custom mounting available upon request (50 quantity minimum).

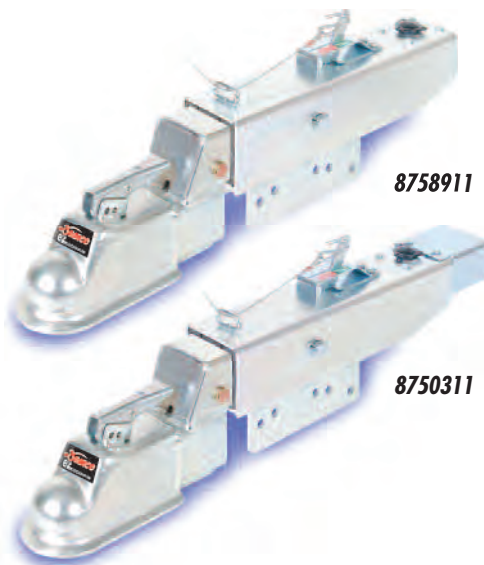
2" Bulldog®

ITEM #	POSITION	OUTERCASE	COATING	NOTES	WT (LBS.)
8509202	Center	3 Hole Standard	Primed		43
8509602	Center	50° Mount	Primed		62
8509612	Down	50° Mount	Primed		64

DA91

8000 lb. G.V.W.R.

For Disc Brakes



8758911

8750311

½" x 4 ½" grade 5 bolts are required in mounting of straight actuators. 800 lb. maximum tongue load or 10% of G.V.W.R. of coupler, vehicle, ball or trailer. 50° A-frame mounted actuator may be welded on. Plated actuator may be used in a marine application. DA91 and DA9150 actuators utilize Acetal Copolymer linings. Rollers are eliminated. G.V.W.R. – Limited to coupler rating. Emergency lever support and guide ring (on DA91 and DA95 series).

Custom mounting available upon request (50 quantity minimum).

2" eZ-latch

ITEM #	POSITION	OUTERCASE	COATING	NOTES	WT (LBS.)
8669113	Down	3 Hole Standard	Zinc		58

2^{5/16}" eZ-latch

ITEM #	POSITION	OUTERCASE	COATING	NOTES	WT (LBS.)
8758811	Down	3 Hole Standard	Zinc		52
8750311	Down	5 Hole Standard	Zinc	Bypass	54
8758911	Down	5 Hole Standard	Zinc		52
8750411	Down	5 Hole Standard	Zinc	Inline Solenoid	54

8" 4 Bolt Channel (coupler not included)

ITEM #	POSITION	OUTERCASE	COATING	NOTES	WT (LBS.)
8758721	Center	3 Hole Standard	Zinc		48
8759422	Center	3 Hole Standard	Zinc	Inline Solenoid	49

Bypass solenoid kits for disc brakes (fit both DA91 and DA10 actuators).

5752	DA91	Solenoid Kit (factory installed)	2
5750	DA91	Solenoid Kit (field installed)	2

Blocking solenoid kit for disc brakes (fit both DA91 and DA10 actuators).

5837	DA91	Solenoid Kit (field installed)	2
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Note: Solenoid kit design is subject to change at Demco's discretion.

½" x 4 ½" grade 5 bolts are required in mounting of straight actuators. 800 lb. maximum tongue load or 10% of G.V.W.R. of coupler, vehicle, ball or trailer. 50° A-frame mounted actuator may be welded on. Plated actuator may be used in a marine application. DA91 and DA9150 actuators utilize Acetal Copolymer linings. Rollers are eliminated. G.V.W.R. – Limited to coupler rating. Emergency lever support and guide ring (on DA91 and DA95 series).

Custom mounting available upon request (50 quantity minimum).

2" eZ-latch

ITEM #	POSITION	OUTERCASE	COATING	NOTES	WT (LBS.)
8609502	Center	50° Mount	Primed		59
8609101	Center	3 Hole Standard	Zinc		41
8669112	Down	3 Hole Standard	Zinc		47

2^{5/16}" Bulldog®

ITEM #	POSITION	OUTERCASE	COATING	NOTES	WT (LBS.)
8759802	Center	50° Mount	Primed		60
8759812	Down	50° Mount	Primed		62

2^{5/16}" eZ-latch

ITEM #	POSITION	OUTERCASE	COATING	NOTES	WT (LBS.)
8759411	Down	3 Hole Standard	Zinc		58

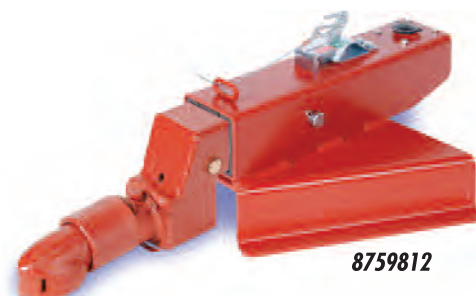
Flat Plate (coupler not included)

ITEM #	POSITION	OUTERCASE	COATING	NOTES	WT (LBS.)
8759152	Center	3 Hole Standard	Primed		39
8759153	Center	3 Hole	Zinc		40
8759552	Center	50° Mount	Primed		45

DA91

8000 lb. G.V.W.R.

For Drum Brakes



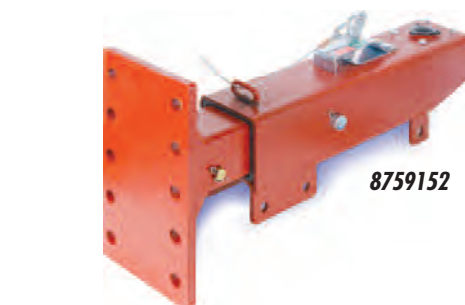
8759812



8759411



8759153

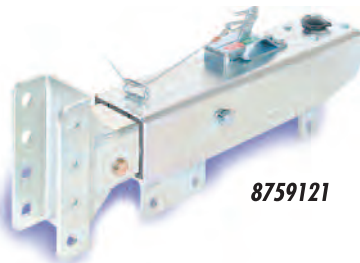


8759152

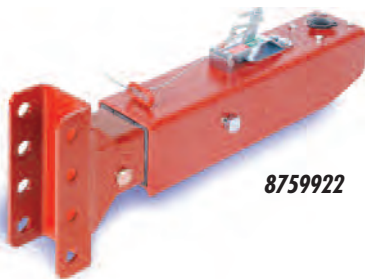
DA91

8000 lb. G.V.W.R.

For Drum Brakes



8759121



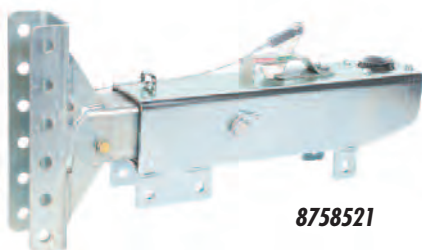
8759922



8759522



8759138



8758521

8" 4 Bolt Channel (coupler not included)

ITEM #	POSITION	OUTERCASE	COATING	NOTES	WT (LBS.)
8759231	Down	2 Hole	Zinc		52
8759241	Up	2 Hole	Zinc		52
8760011	Center	3 Hole Strait	Zinc	Lock Out	37
8760012	Center	3 Hole Strait	Silver	Lock Out	37
8759421	Down	4" Mount	Zinc		45
8759522	Center	50° Mount	Primed		45
8759532	Down	50° Mount	Primed		45
8759542	Up	50° Mount	Primed		45
8759922	Center	Weld On	Primed		30
8759933	Down	Weld On	Primed	Lock Out	31
8759942	Up	Weld On	Primed		30
8759121	Center	3 Hole Standard	Zinc		32
8759122	Center	3 Hole Standard	Primed		32
8759122-30	Center	3 Hole Standard	Black		32
8759131	Down	3 Hole Standard	Zinc		32
8759132	Down	3 Hole Standard	Primed		32
8759133	Down	3 Hole Standard	Silver		32
8759138	Down	3 Hole Standard	Black		32
8759142	Up	3 Hole Standard	Primed		32

12" 6 Bolt Channel (coupler not included)

ITEM #	POSITION	OUTERCASE	COATING	NOTES	WT (LBS.)
8758521	Center	3 Hole Standard	Zinc		38
8759432	Down	3 Hole Standard	Primed	.024 Orifice	38

DA91 manual lockout.

5939	DA91	Manual Lockout Kit (field installed)			2
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Bypass solenoid kits for drum brakes.

5751	DA91	Solenoid Kit (factory installed)			2
5750	DA91	Solenoid Kit (field installed)			2

Disc Brake Conversion (converts any drum brake actuator to disc)

ITEM #	DESCRIPTION	WT (LBS.)
6116	DA91 Changes standard master cylinder to disc brake with a bypass (factory installed only)	2

½" x 4 ½" grade 5 bolts are required to mount actuators. 1,250 lb. maximum tongue load or 10% of G.V.W.R. of coupler, vehicle, ball or trailer. 50° A-frame mounted actuator may be welded on. DA10 actuators utilize Acetal Copolymer linings. Rollers are eliminated. DA10 actuators may be ordered with or without various couplers. All DA10 models with coupler adjusting channels have 3" inside dimensions. Emergency lever guide and ring on DA10. Custom mounting available upon request (50 quantity minimum).

2^{5/16}" eZ-latch

ITEM #	POSITION	OUTER CASE	COATING	NOTES	WT (LBS.)
8104002	Center	Weld on	Primed	Bypass	49
8104311	Down	5 Bolt Universal	Zinc	Bypass	53
8104411	Down	5 Bolt Universal	Zinc		54

8" 4 Bolt Channel (coupler not included)

ITEM #	POSITION	OUTER CASE	COATING	NOTES	WT (LBS.)
8103721	Center	5 Hole Standard	Zinc		52
8105422	Center	50° Mount	Primed	In-Line	65

Bypass solenoid kits for disc brakes.

5752	DA10	Solenoid Kit (factory installed)			2
5750	DA10	Solenoid Kit (field installed)			2

½" x 4 ½" grade 5 bolts are required to mount actuators. 1,250 lb. maximum tongue load or 10% of G.V.W.R. of coupler, vehicle, ball or trailer. 50° A-frame mounted actuator may be welded on. DA10 actuators utilize Acetal Copolymer linings. Rollers are eliminated. DA10 actuators may be ordered with or without various couplers. All DA10 models with coupler adjusting channels have 3" inside dimensions. Emergency lever guide and ring on DA10. Custom mounting available upon request (50 quantity minimum).

2^{5/16}" eZ-latch

ITEM #	POSITION	OUTER CASE	COATING	NOTES	WT (LBS.)
8101801	Center	5 Hole Standard	Zinc		55
8101802	Center	5 Hole Standard	Primed		56
8102511	Down	5 Hole Standard	Zinc		54
8103102	Center	Weld On	Primed		49

Flat Plate (coupler not included)

ITEM #	POSITION	OUTER CASE	COATING	NOTES	WT (LBS.)
8101152	Center	Weld On	Primed		60
8101952	Center	Weld On Angle Mounts	Primed		58

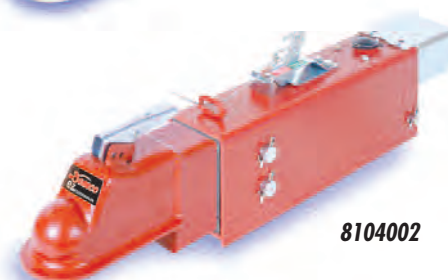
DA10

12,500 lb. G.V.W.R.

For Disc Brakes



8104411



8104002

DA10

12,500 lb. G.V.W.R.

For Drum Brakes



8101801



8102511

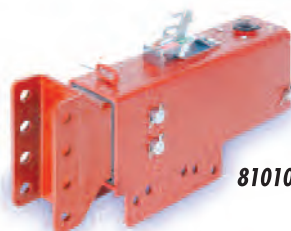
DA10

12,500 lb. G.V.W.R.

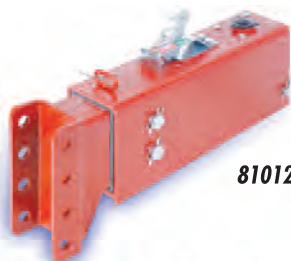
For Drum Brakes

6" 2 Bolt Channel (coupler not included)

ITEM #	POSITION	OUTERCASE	COATING	NOTES	WT (LBS.)
8104811	Center	3 Hole Standard	Zinc		49



8101022



8101232



8102222



8101023



8101038



8101541

8" 4 Bolt Channel (coupler not included)

ITEM #	POSITION	OUTERCASE	COATING	NOTES	WT (LBS.)
8101021	Center	5 Hole Standard	Zinc		52
8101022	Center	5 Hole Standard	Primed		52
8101023	Center	5 Hole Standard	Black		52
8101031	Down	5 Hole Standard	Zinc		52
8101038	Down	5 Hole Standard	Black		52
8101042	Up	5 Hole Standard	Primed		52
8104821	Center	3 Hole Standard	Zinc		49
8104824	Center	3 Hole Standard	Silver		49
8104831	Down	3 Hole Standard	Zinc		49
8102222	Center	50° Mount	Primed		62
8102232	Down	50° Mount	Primed		62
8100122	Center	Angle Mount	Primed		50
8101222	Center	Weld On	Primed		50
8101232	Down	Weld On	Primed		50

12" 6 Bolt Channel (coupler not included)

ITEM #	POSITION	OUTERCASE	COATING	NOTES	WT (LBS.)
8102131	Down	5 Hole Standard	Zinc		55
8101532	Down	3 Hole Standard	Primed		54
8101541	Down	3 Hole Standard	Zinc	.031 orifice	50
8101522	Center	Weld On	Primed		53
8101523	Center	Weld On	Black		53
8103432	Down	Weld On	Primed		53

Bypass solenoid kits for drum brakes.

5752	DA10	Solenoid Kit (factory installed)	2
5750	DA10	Solenoid Kit (field installed)	2

Disc Brake Conversion (converts any drum brake actuator to disc)

ITEM #	DESCRIPTION	WT (LBS.)
6114	DA10 Changes standard master cylinder to large bore disc brake with a bypass, installation includes replacement pushrod (factory installed only)	2

DA16 available in either weld-on or bolt-on mounts. 1,600 lb. maximum tongue load or 10% of G.V.W.R. of coupler, vehicle, ball or trailer. Emergency lever guide and guide ring on DA16.

Custom mounting available upon request (50 quantity minimum).

2^{5/16}" eZ-latch

ITEM #	POSITION	OUTERCASE	COATING	NOTES	WT (LBS.)
8164311	Down	5 Hole	Zinc	Bypass	87
8164313	Down	5 Hole	Silver	Bypass	87

DA16

16,000 lb. G.V.W.R.

For Disc Brakes



DA20 available in either weld-on or bolt-on mounts. 2,000 lb. maximum tongue load or 10% of G.V.W.R. of coupler, vehicle, ball or trailer. 50° A-frame mounted actuator may be welded on. DA20 actuators may be ordered with or without various couplers. All DA20 models with coupler adjusting channels have 3" inside dimensions. Emergency lever guide and guide ring on DA20.

Custom mounting available upon request (50 quantity minimum).

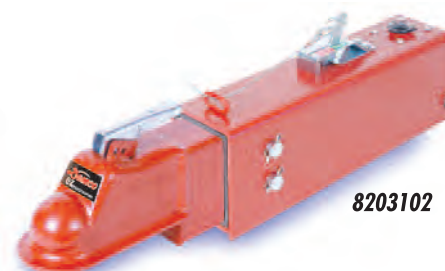
2^{5/16}" eZ-latch

ITEM #	POSITION	OUTERCASE	COATING	NOTES	WT (LBS.)
8203102	Center	Weld On Tube Mount	Primed		70
8204311	Down	5 Hole	Zinc	Bypass	71
8204702	Center	Weld On	Primed	Bypass	70

DA20

20,000 lb. G.V.W.R.

For Disc Brakes



Flat Plate (coupler not included)

ITEM #	POSITION	OUTERCASE	COATING	NOTES	WT (LBS.)
8213718	Center	3 Hole Standard	Black	Bypass	65

No Channel Slider (coupler not included)

ITEM #	POSITION	OUTERCASE	COATING	NOTES	WT (LBS.)
8205133	Bare	4" 5 Bolt Standard	Primed		69

8" 4 Bolt Channel (coupler not included)

ITEM #	POSITION	OUTERCASE	COATING	NOTES	WT (LBS.)
8205222	Center	50° Mount	Primed	Bypass	80
8205322	Center	50° Mount	Primed	Inline	80

Bypass solenoid kits for disc brakes.

5755	DA20	Solenoid Kit (factory installed)	2
5753	DA20	Solenoid Kit (field installed)	2

DA20

20,000 lb. G.V.W.R.

For Drum Brakes

DA20 available in either weld-on or bolt-on mounts. 2,000 lb. maximum tongue load or 10% of G.V.W.R. of coupler, vehicle, ball or trailer. 50° A-frame mounted actuator may be welded on. DA20 actuators may be ordered with or without various couplers. All DA20 models with coupler adjusting channels have 3" inside dimensions. Emergency lever guide and guide ring on DA20.

Custom mounting available upon request (50 quantity minimum).

2⁵/₁₆" eZ-latch

ITEM #	POSITION	OUTERCASE	COATING	NOTES	WT (LBS.)
8204011	Down	5 Hole	Zinc		70
8202802	Center	Weld On	Primed		65

Flat Plate (coupler not included)

ITEM #	POSITION	OUTERCASE	COATING	NOTES	WT (LBS.)
8202052	Center	Weld On	Primed		62
8202152	Center	Weld On Tube Mount	Primed		70

No Channel Slider (coupler not included)

ITEM #	POSITION	OUTERCASE	COATING	NOTES	WT (LBS.)
8202932	Bare	Weld On	Primed		69

8" 4 Bolt Channel (coupler not included)

ITEM #	POSITION	OUTERCASE	COATING	NOTES	WT (LBS.)
8202022	Center	Weld On	Primed		59
8202023	Center	Weld On	Black		59
8202032	Down	Weld On	Primed		59
8202042	Up	Weld On	Primed		59
8202122	Center	Weld On Tube Mount	Primed		70
8202132	Down	Weld On Tube Mount	Primed		70
8202222	Center	50° Mount	Primed		80
8202232	Down	50° Mount	Primed		80

12" 6 Bolt Channel (coupler not included)

ITEM #	POSITION	OUTERCASE	COATING	NOTES	WT (LBS.)
8202521	Center	3 Hole Standard	Zinc		72
8202522	Center	3 Hole Standard	Primed		72
8202531	Down	3 Hole Standard	Zinc		72
8202532	Down	3 Hole Standard	Primed		72
8203322	Center	Weld On	Primed		62
8203332	Down	Weld On	Primed		62
8204333	Down	5 Hole	Black		72

Bypass solenoid kits for drum brakes.

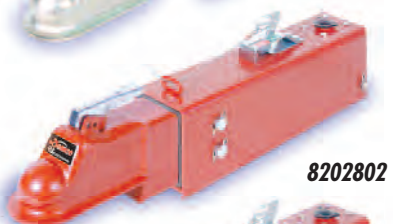
5754	DA20	Solenoid Kit (factory installed)	2
5753	DA20	Solenoid Kit (field installed)	2

Disc Brake Conversion (converts any drum brake actuator to disc)

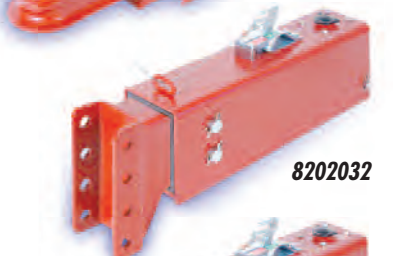
ITEM #	DESCRIPTION	WT (LBS.)
6115	DA20 Changes standard master cylinder to large bore disc brake with a bypass, installation includes replacement pushrod (factory installed only)	2



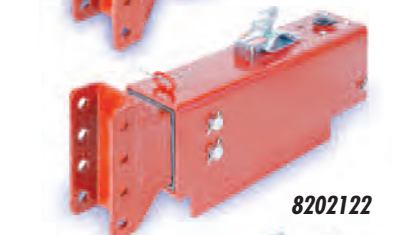
8204011



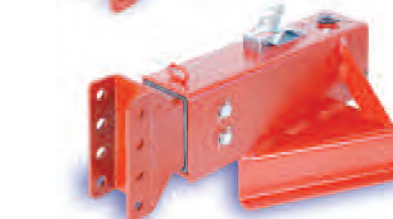
8202802



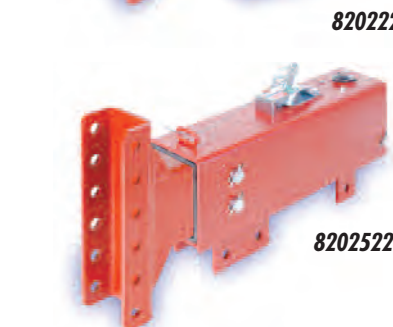
8202032



8202122



8202222



8202522

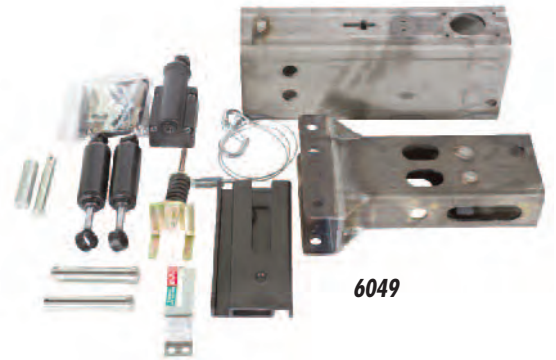
Actuator Kits

DA91 • DA10 • DA20

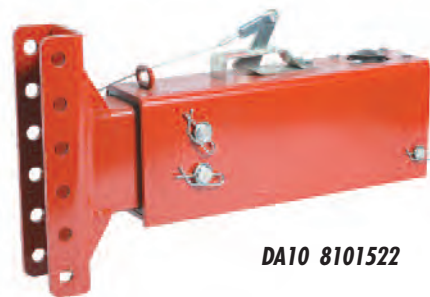
Unassembled Actuators DA91, DA10 & DA20

These actuators come unprimed and are unassembled for weld on applications.
Parts come boxed for assembly after welding and paint.

ITEM #	POSITION	OUTER CASE	COATING	NOTES	SAME AS	WT (LBS.)
6106	8" Center	Weld On	None	DA91 Knocked Down	8759922	37
6050	8" Center	Weld On	None	DA10 Knocked Down	8101222	47
5930	12" Center	Weld On	None	DA10 Knocked Down	8101522	50
6049	8" Center	Weld On	None	DA20 Knocked Down	8202032	56
6086	12" Center	Weld On	None	DA20 Knocked Down	8203322	60
5947	12" Down	Weld On	None	DA20 Knocked Down	8203332	60
5541	Bare	Weld On	None	DA20 Knocked Down	8202932	50



Additional DA10 and DA20 images



Actuator

Replacement Components

For Disc and Drum Brakes

Drum Brake Master Cylinder

Drum
Brake
Master
Cylinder



5650

Drum Brake
Master
Cylinder
With In line
Solenoid



5921

Drum
Brake
Master
Cylinder
With
Bypass
Solenoid



5920

Replacement
Inline Solenoid



11993

Replacement
Bypass Solenoid



05561

Disc Brake Master Cylinder

Disc
Brake
Master
Cylinder



5672

Disc Brake
Master
Cylinder
With In line
Solenoid



5919

Disc
Brake
Master
Cylinder
With
Bypass
Solenoid



5918

Large Bore
Aluminum
Disc Brake
Master
Cylinder
With
Bypass
Solenoid



6113

eZ-Latch Couplers

Make sure your coupler has the eZ-Latch advantage!



14040-81



14040-97

*It's the most
important
task to perform
when preparing
to tow a trailer,
but it's the easiest
to forget.*



Demco has an exclusive coupler design that locks when dropped over its appropriate sized standard hitch ball. The eZ-Latch coupler is offered in an array of different hitch mounts in both 2" and 2 5/16" ball coupler sizes. Mounting configurations include: weld-on and bolt-on for 3" tongue tube, A-frame weld-on, and bolt-on adjustable height channel mounts.

In addition to this new eZ-Latch feature, these new couplers have an enhanced weight rating. The Demco 2" eZ-Latch ball coupler is SAE J684 certified at 10,000 lbs. The Demco 2 5/16" eZ-Latch ball coupler adjustable height channel mount style is SAE J684 certified at 20,000 lbs. The Demco 2 5/16" eZ-Latch ball coupler weld-on, flat mount and cast coupler are SAE J684 certified at 21,000 lbs.

The eZ-Latch feature and the enhanced certified weight rating make these couplers an excellent choice when building or when replacing an existing ball coupler. Demco has tested and certified these products to give you peace of mind and confidence in your efforts to provide safe and responsible trailer products.

Demco 2" and 2 5/16" eZ-Latch Couplers are Patent #76906732.

2" Ball Coupler 6000 lb. G.V.W.R.



12113-95



12113-52

Channel Mount

ITEM #	DESCRIPTION	WT (LBS.)
12113-95	Plated, 2" lever lock, G.V.W.R. 6,000 lb. capacity, bolt on channel	7
12113-52	Silver, 2" lever lock, G.V.W.R. 6,000 lb. capacity, bolt on channel	7

2" Ball Coupler 7000 lb. G.V.W.R.



05823-97



05823-95

Channel Mount

ITEM #	DESCRIPTION	WT (LBS.)
05823-97	Primed, 2" bulldog, G.V.W.R. 7,000 lb. capacity, bolt on channel	12
05823-95	Plated, 2" bulldog, G.V.W.R. 7,000 lb. capacity, bolt on channel	12

2" Ball Coupler 10,000 lb. G.V.W.R.

Tube Mount



12563



12564



15000-52



12717



12925-95



13689-95



13689-52

ITEM #	DESCRIPTION	WT (LBS.)
12563	Primed, 2" eZ-Latch, G.V.W.R. 10,000 lb. capacity, weld on	8
12564	Plated, 2" eZ-Latch, *G.V.W.R. 10,000 lb. capacity, 3 hole bolt on	8
15000-52	Silver, 2" eZ-Latch, G.V.W.R. 10,000 lb. capacity, 4 hole bolt on composite handle	8
15000-95	Plated, 2" eZ-Latch, G.V.W.R. 10,000 lb. capacity, 4 hole bolt on composite handle	8
12717	Plated, 2" eZ-Latch, G.V.W.R. 10,000 lb. capacity, 4 hole bolt on	7
12925-95	Plated, 2" eZ-Latch, G.V.W.R. 10,000 lb. capacity, 3 hole bolt on short body	7
13689-95	Plated, 2" eZ-Latch, G.V.W.R. 10,000 lb. capacity, 3 hole bolt on short body composite handle	7
13689-52	Silver, 2" eZ-Latch, G.V.W.R. 10,000 lb. capacity, 3 hole bolt on short body composite handle	7

NOTE: All Demco 2" eZ-Latch Couplers are Patent #76906732.

2" Ball Coupler 10,000 lb. G.V.W.R.

Channel Mount

ITEM #	DESCRIPTION	WT (LBS.)
12688-95	Plated, 2" eZ-Latch, G.V.W.R. 10,000 lb. capacity, bolt on channel	9
12688-81	Black, 2" eZ-Latch, G.V.W.R. 10,000 lb. capacity, bolt on channel	9
14976-52	Silver, 2" eZ-Latch, G.V.W.R. 10,000 lb. capacity, bolt on channel composite handle	12
14976-81	Black, 2" eZ-Latch, G.V.W.R. 10,000 lb. capacity, bolt on channel composite handle	12
14976-95	Plated, 2" eZ-Latch, G.V.W.R. 10,000 lb. capacity, bolt on channel composite handle	12
14976-97	Primed, 2" eZ-Latch, G.V.W.R. 10,000 lb. capacity, bolt on channel composite handle	12

NOTE: In order to achieve 10,000 lb. G.V.W.R. four 5/8" GR5 bolts must be used.



12688-81



14976-81



14976-51



14976-97

Flat Mount

ITEM #	DESCRIPTION	WT (LBS.)
15080-97	Primed, 2" eZ-Latch, G.V.W.R. 10,000 lb. capacity, flat mount 5/8" holes	13.5
15080-81	Black, 2" eZ-Latch, G.V.W.R. 10,000 lb. capacity, flat mount 5/8" holes	13.5



15080-97



15080-81

50° Mount

ITEM #	DESCRIPTION	WT (LBS.)
14791-97	Primed, 2" eZ-Latch, G.V.W.R. 10,000 lb. capacity, weld on, with flange, with jack hole	13
14792-97	Primed, 2" eZ-Latch, G.V.W.R. 10,000 lb. capacity, weld on, no flange, without jack hole	13
14793-52	Silver, 2" eZ-Latch, G.V.W.R. 10,000 lb. capacity, bolt on, with flange, with jack hole	13
14793-81	Black, 2" eZ-Latch, G.V.W.R. 10,000 lb. capacity, bolt on, with flange, with jack hole	13
14793-95	Plated, 2" eZ-Latch, G.V.W.R. 10,000 lb. capacity, bolt on, with flange, with jack hole	13
14793-97	Primed, 2" eZ-Latch, G.V.W.R. 10,000 lb. capacity, bolt on, with flange, with jack hole	13



14793-52



14793-81



14791-97



14792-97

2" Coupler Repair Kits

ITEM #	DESCRIPTION	WT (LBS.)
5696	Lever lock coupler repair kit 6000 lb.	2
5876	eZ-Latch coupler repair kit 10,000 lb. metal handle	2
6109	eZ-Latch coupler repair kit 10,000 lb. composite handle	2



5876



5696

NOTE: All Demco 2" eZ-Latch Couplers are Patent #76906732.

2 5/16" Ball Coupler 12,500 lb. G.V.W.R.



05557-97



05557-95

Channel Mount

ITEM #	DESCRIPTION	WT (LBS.)
05557-97	Primed, 2 5/16" Bulldog®, G.V.W.R. 12,500 lb. capacity, bolt on channel	12
05557-95	Plated, 2 5/16" Bulldog®, G.V.W.R. 12,500 lb. capacity, bolt on channel	12

2 5/16" Ball Coupler 18,000 lb. G.V.W.R.



13203-95



13203-52

Tube Mount

ITEM #	DESCRIPTION	WT (LBS.)
13203-95	Plated, 2 5/16" eZ-Latch, G.V.W.R. 18,000 lb. capacity, bolt on channel	11
13203-52	Silver, 2 5/16" eZ-Latch, G.V.W.R. 18,000 lb. capacity, bolt on channel	11

2 5/16" Ball Coupler 20,000 lb. G.V.W.R.



07678-97



07678-95



07678-52



07678-81

Channel Mount

ITEM #	DESCRIPTION	WT (LBS.)
07678-97	Primed, 2 5/16" eZ-Latch, G.V.W.R. 20,000 lb. capacity, bolt on	10
07678-95	Plated, 2 5/16" eZ-Latch, G.V.W.R. 20,000 lb. capacity, bolt on	10
07678-52	Silver, 2 5/16" eZ-Latch, G.V.W.R. 20,000 lb. capacity, bolt on	10
07678-81	Black, 2 5/16" eZ-Latch, G.V.W.R. 20,000 lb. capacity, bolt on	10

NOTE: In order to achieve 20,000 lb. G.V.W.R. four 5/8" GR5 bolts must be used.

NOTE: All Demco 2 5/16" eZ-Latch Couplers are Patent #76906732.

2 5/16" Ball Coupler 21,000 lb. G.V.W.R.

Channel Mount Cast Coupler

ITEM #	DESCRIPTION	WT (LBS.)
14040-97	Primed, 2 5/16" eZ-Latch, G.V.W.R. 21,000 lb. capacity, bolt on	9
14040-95	Plated, 2 5/16" eZ-Latch, G.V.W.R. 21,000 lb. capacity, bolt on	9
14040-52	Silver, 2 5/16" eZ-Latch, G.V.W.R. 21,000 lb. capacity, bolt on	9
14040-81	Black, 2 5/16" eZ-Latch, G.V.W.R. 21,000 lb. capacity, bolt on	9

NOTE: In order to achieve 21,000 lb. G.V.W.R. four 5/8" GR5 bolts must be used.



Tube Mount

ITEM #	DESCRIPTION	WT (LBS.)
12662-97	Primed, 2 5/16" eZ-Latch, G.V.W.R. 21,000 lb. capacity, weld on short body	8.5



Flat Mount

ITEM #	DESCRIPTION	WT (LBS.)
12141-97	Primed, 2 5/16" eZ-Latch, G.V.W.R. 21,000 lb. capacity, flat mount 5/8" holes	13.5
12141-95	Plated, 2 5/16" eZ-Latch, G.V.W.R. 21,000 lb. capacity, flat mount 5/8" holes	13.5
12141-81	Black, 2 5/16" eZ-Latch, G.V.W.R. 21,000 lb. capacity, flat mount 5/8" holes	13.5
12653-95	Plated, 2 5/16" eZ-Latch, G.V.W.R. 21,000 lb. capacity, flat mount 3/4" holes	13.5
12653-97	Primed, 2 5/16" eZ-Latch, G.V.W.R. 21,000 lb. capacity, flat mount 3/4" holes	13.5



50° Mount

ITEM #	DESCRIPTION	WT (LBS.)
12660-97	Primed, 2 5/16" eZ-Latch, G.V.W.R. 21,000 lb. capacity, A-frame weld on, with jack hole	12
13205-52	Silver, 2 5/16" eZ-Latch, G.V.W.R. 21,000 lb. capacity, A-frame bolt on, with jack hole	17
13205-95	Plated, 2 5/16" eZ-Latch, G.V.W.R. 21,000 lb. capacity, A-frame bolt on, with jack hole	17



2 5/16" Coupler Repair Kits

ITEM #	DESCRIPTION	WT (LBS.)
5817	eZ-Latch coupler repair kit metal handle	2
6008	eZ-Latch coupler repair kit composite handle	2



NOTE: All Demco 2 5/16" eZ-Latch Couplers are Patent #76906732.

Clevis Coupler

10,000-20,000 lb. G.V.W.R.

05593-97



12676-81

Clevis Channel Mount

ITEM #	DESCRIPTION	WT (LBS.)
05593-97	Primed, clevis, G.V.W.R. 10,000 lb. capacity, bolt on channel	11
05593-95	Plated, clevis, G.V.W.R. 10,000 lb. capacity, bolt on channel	11
12676-81	Black, G.V.W.R. 20,000 lb. capacity, bolt on channel	12
12676-95	Plated, G.V.W.R. 20,000 lb. capacity, bolt on channel	12

Pintle Ring

25,000 lb. G.V.W.R.

09557-97



09557-95



09557-81

Pintle Ring Channel Mount

ITEM #	DESCRIPTION	WT (LBS.)
09557-97	Primed, pintle ring, 3" ID, 6" OD, G.V.W.R. 25,000 lb. capacity, bolt on channel	12
09557-95	Plated, pintle ring, 3" ID, 6" OD, G.V.W.R. 25,000 lb. capacity, bolt on channel	12
09557-81	Black, pintle ring, 3" ID, 6" OD, G.V.W.R. 25,000 lb. capacity, bolt on channel	12

Channels

7,500-21,000 lb. G.V.W.R.



55342



55289



57362



59601



59602



66134

Weld-on channel brackets 8"

4 Hole (Hole spacing 2" centers) 8" over-all length.

ITEM #	MIN-MAX ID	CHANNEL THICKNESS	WEIGHT RATING	WT (LBS.)
55342	2.855"-2.925"	.25"	7,500 lbs.	4
55289	2.855"-2.925"	.313"	12,500 lbs.	5
57362	2.855"-2.925"	.375"	20,000 lbs.	5
66736	2.855"-2.925"	.5" Grade 80	21,000 lbs.	5

Weld-on channel brackets 12"

6 Hole (Hole spacing 2" centers) 12" over-all length.

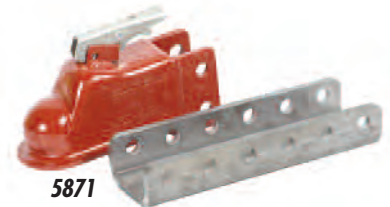
ITEM #	MIN-MAX ID	CHANNEL THICKNESS	WEIGHT RATING	WT (LBS.)
59601	2.855"-2.925"	.313"	12,500 lbs.	7
59602	2.855"-2.925"	.375"	20,000 lbs.	8
66134	2.855"-2.925"	.5"	21,000 lbs.	9

Combos

Couplers and Channels

07678 Coupler With Channel 20K

ITEM #	DESCRIPTION	WT (LBS.)
5871	Primed, 2 5/16" eZ-Latch, Channel mount 12" 6 hole .375" Channel without bolts	19
5936	Plated, 2 5/16" eZ-Latch, Channel mount 12" 6 hole .375" Channel without bolts	19



07678 Coupler With Channel and Bolts 20K

ITEM #	DESCRIPTION	WT (LBS.)
5924	Plated, 2 5/16" eZ-Latch, Channel mount 12" 6 hole .5" Channel with bolts and gussets	22
5961	Primed, 2 5/16" eZ-Latch, Channel mount 12" 6 hole .5" Channel with bolts and gussets	22



14040 Cast Coupler With Channel 20K

ITEM #	DESCRIPTION	WT (LBS.)
6124-52	Silver, 2 5/16" eZ-Latch, Channel mount 12" 6 hole .375" Channel without bolts	18
6124-81	Black, 2 5/16" eZ-Latch, Channel mount 12" 6 hole .375" Channel without bolts	18
6124-95	Plated, 2 5/16" eZ-Latch, Channel mount 12" 6 hole .375" Channel without bolts	18
6124-97	Primed, 2 5/16" eZ-Latch, Channel mount 12" 6 hole .375" Channel without bolts	18



14040 Cast Coupler With Channel and Bolts 21K

ITEM #	DESCRIPTION	WT (LBS.)
6125-52	Silver, 2 5/16" eZ-Latch, Channel mount 12" 6 hole .5" Channel with bolts and gussets	21
6125-81	Black, 2 5/16" eZ-Latch, Channel mount 12" 6 hole .5" Channel with bolts and gussets	21
6125-95	Plated, 2 5/16" eZ-Latch, Channel mount 12" 6 hole .5" Channel with bolts and gussets	21
6125-97	Primed, 2 5/16" eZ-Latch, Channel mount 12" 6 hole .5" Channel with bolts and gussets	21



NOTE: All Demco 2 5/16" eZ-Latch Couplers are Patent #76906732.

10" Hydraulic Brake Assemblies

10" Free Backing Brakes



Reverse Braking – Minimal
Axle Rating – 3500 lbs.
Wheel Size – 13 - 15"

Free Backing Brakes

Incorporates a “fall-away” shoe which diminishes shoe drag when backing up. Requires periodic manual adjustment. Marine cluster has galvanized back plate, stainless steel spring hardware, plated wheel cylinder and riveted marine brake shoe.

RIGHT#	LEFT #	BOLT HOLE PATTERN	WT (LBS.)
Marine			
SB40715M	SB40716M	4" on 4"	10
Shoe Kit 2 Front, 2 Rears 07812			

10" Uni-Servo Brakes



Reverse Braking – 15 - 20%
Axle Rating – 3500 lbs.
Wheel Size – 13 - 15"

Uni-Servo Brakes

20% braking in reverse. Requires periodic manual adjusting. Marine cluster has galvanized back plate, stainless steel spring hardware, plated wheel cylinder and riveted marine brake shoe.

RIGHT#	LEFT #	BOLT HOLE PATTERN	WT (LBS.)
Marine			
SB18787M	SB18788M	4" on 4"	10
Shoe Kit 2 Front, 2 Rears 07811			

10" Duo-Servo Brakes



Reverse Braking – 100%
Axle Rating – 3500 lbs.
Wheel Size – 13 - 15"

Duo-Servo Brakes

Applies braking pressure equally in forward or reverse travel. Primarily for industrial applications. Requires periodic manual adjustment. Marine cluster has galvanized back plate, stainless steel spring hardware, plated wheel cylinder and riveted marine brake shoe.

RIGHT#	LEFT #	BOLT HOLE PATTERN	WT (LBS.)
Marine			
SB18793M	SB18794M	4" on 4"	9.2
Shoe Kit 2 Front, 2 Rears 07811			

12" Hydraulic Brake Assemblies

Free Backing Brakes

Reverse braking - minimal. **Axle rating** - 5,200 lb. **Wheel size** - 14.5" - 16"

Marine cluster has galvanized back plate, stainless steel spring hardware, plated wheel cylinder and riveted marine brake shoe.

RIGHT#	LEFT #	BOLT HOLE PATTERN	WT (LBS.)
Marine SB42028M	SB42029M	5 on 3.875"	19

Shoe Kit 2 Front, 2 Rears
07814

Uni-Servo Brakes

Reverse braking - 15 - 20%. **Axle rating** - 5,200 lb. **Wheel size** - 14.5" - 16"

Marine cluster has galvanized back plate, stainless steel spring hardware, plated wheel cylinder and riveted marine brake shoe.

RIGHT#	LEFT #	BOLT HOLE PATTERN	WT (LBS.)
Marine SB23510M	SB23511M	5 on 3.875"	19

Shoe Kit 2 Front, 2 Rears
07813



12" Free Backing



12" Uni-Servo

Drums

For Brake Assemblies

10" brake drums

ITEM #	DICO ITEM #	# OF BOLTS	BOLT HOLE DIA.	BOLT CIRCLE DIA.	PILOT HOLE DIA.	STYLE	WT. (LBS.)
11777	NA	5	1/2"	5 1/2"	4"	A	12



11777

12" brake drums

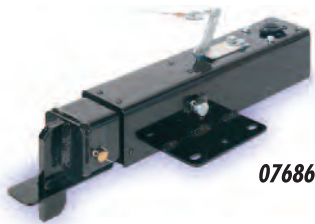
ITEM #	DICO ITEM #	# OF BOLTS	BOLT HOLE DIA.	BOLT CIRCLE DIA.	PILOT HOLE DIA.	STYLE	WT. (LBS.)
13717	NA	6	5/8"	5 1/2"	4 3/8"	B	14



13717

Tongues

For Agricultural Use



07686

12 Ton G.V.W.R.

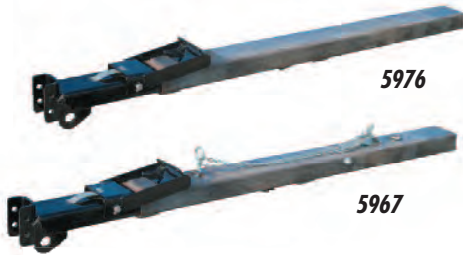
Used for agricultural running gears or drop tongue trailers. Bolt-on model.

ITEM #	TYPE	DESCRIPTION	WT (LBS.)
07686	DA12	Painted black, agricultural gear actuator	23

13 Ton G.V.W.R.

Telescoping tongues for agricultural running gears or drop tongue trailers.
75.5" overall length, 18" telescope.

ITEM #	TYPE	DESCRIPTION	WT (LBS.)
5976	Tongue	Raw tongue assembly without brakes, 2 bolt center channel, no mounts	89
5967	Tongue	Raw tongue assembly with brakes, 2 bolt center channel, no mounts	93



5976



5967

24 Ton G.V.W.R.

Telescoping tongues for agricultural running gears or drop tongue trailers.
77.5" overall length 17.75 telescope

ITEM #	TYPE	DESCRIPTION	WT (LBS.)
5730	Tongue	Raw tongue assembly without brakes, clevis, no mounts	143
6030	Tongue	Raw tongue unassembled without brakes, clevis, no mounts	143
5597	Tongue	Raw tongue assembly with brakes, clevis, no mounts	165
6029	Tongue	Raw tongue unassembled with brakes, clevis, no mounts	167



5730



5597

Tie Rods

For Agricultural Use



6067

Tie rod for up to 24 Ton

1 1/4" 12-UNF thread, min-max center to center 36.5"- 38.5"

ITEM #	TYPE	DESCRIPTION	WT (LBS.)
6067	Tie Rod	Complete assembly, left and right end with jam nuts	22.5
6068	Left End	Left tie rod end with jam nut	7
6069	Right End	Right tie rod end with jam nut	7



6068



6069

13" Hydraulic Brake Assemblies

13" brake clusters

Free Backing Brakes (shown)

Reverse braking - minimal. Wheel size - 16" - 22.5"

RIGHT#	LEFT #	BOLT HOLE PATTERN	WT (LBS.)
01971	01970	4 on 4.813"	21

Shoe Kit 2 Front, 2 Rears
5508

Uni-Servo Brakes (not shown)

Reverse braking - 15 - 20%. Wheel size - 16" - 22.5"

RIGHT#	LEFT #	BOLT HOLE PATTERN	WT (LBS.)
07911	07910	4 on 4.813"	21

Shoe Kit 2 Front, 2 Rears
5509

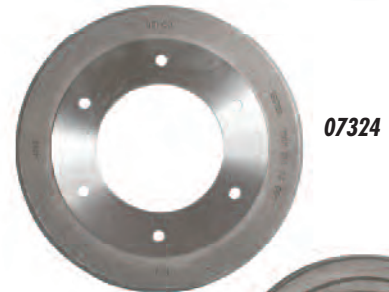
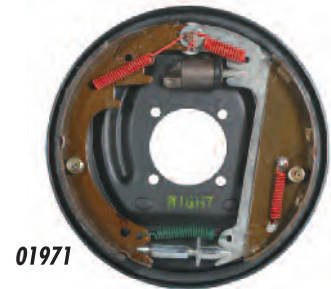
13" brake drums

ITEM #	DICO ITEM #	# OF BOLTS	BOLT HOLE DIA.	BOLT CIRCLE DIA.	PILOT HOLE DIA.	STYLE	WT. (LBS.)
05353	9894	8	5/8"	8"	5 3/4"	A	20.6
07324	16964	6	17/32"	8 1/4"	6"	A	20.3

ITEM #	DICO ITEM #	# OF BOLTS	BOLT HOLE DIA.	BOLT CIRCLE DIA.	PILOT HOLE DIA.	STYLE	WT. (LBS.)
03532	18859	8	17/32"	5 1/2"	4 3/8"	B	22.5
03940	10111	6	17/32"	5 1/2"	4 3/8"	B	22.6
03941	43268	8	17/32"	5 1/2"	4 1/2"	B	21.9

Brake flanges

DEMCO ITEM #	PLATE DIMENSIONS	PILOT HOLE	WT (LBS.)
54988	.25" x 4.25" x 4.25" - 4 on 4.813"	2 7/2"	.91
60124	.25" x 4.25" x 4.25" - 4 on 4.813"	2 3/4"	.91
52415	.25" x 4.25" x 4.25" - 4 on 4.813"	3"	.84
61715	.25" x 4.25" x 4.25" - 4 on 4.813"	3 1/4"	.76
59911	.25" x 4.25" x 4.25" - 4 on 4.813"	3 1/2"	.65



Brake

Line Kits



Single Solid Axle Kit

ITEM #	DESCRIPTION	WT (LBS.)
6097	180" Main Line With 72" and 30" lines	2
5402	193" Main Line With 66" and 17" lines	2
5426	193" Main Line With 80" and 17" lines	2
5427	193" Main Line With 72" and 17" lines	2.5
5643	240" Main Line With 66" and 17" lines	2.5



Single Torsion Axle Kit

5424	193" Main Line With 66" and 17" lines	3
------	---------------------------------------	---



Tandem Solid Axle Kit

6098	180" Main Line With 72" and 30" lines	4
5951	193" Main Line With 80" and 17" lines	4
5403	193" Main Line With 66" and 17" lines	4
5428	193" Main Line With 72" and 17" lines	4
5429	193" Main Line With 80" and 17" lines	4
6064	193" Main Line With 66" and 4.5" lines	4



Tandem Torsion Axle Kit

5425	193" Main Line With 66" and 17" lines	4
------	---------------------------------------	---



10142

Actuator brake bleeder

ITEM #	DESCRIPTION	WT (LBS.)
10142	Master cylinder adaptor for use with power bleeder (Rubber washer included)	1
09215	Rubber washer	

Brake

Line Components

Hard Lines

.188 Double Flared Aluminum Galfan

ITEM #	LENGTH IN INCHES	NOTES
SB5045	4 1/2	
11968	6	
SB508	8	
SB512	12	
SB517	17	
SB520	20	
09098	24	
SB530	30	
SB532	32	
SB536	36	
SB537	37	
SB540	40	
SB541	41	
SB550	50	
SB553	53	
SB560	60	
SB566	66	
SB572	72	
SB580	80	
SB590	90	
SB597	97	
SB5120	120	
07913	128	ARMORED GALFAN METAL
SB5180	180	
SB5193	193	
SB5230	230	
SB5240	240	

Fittings

ITEM #	NOTES
10375	FTG .125 MPT X .125 MPT NIPPLE
10737	FTG ELB .125 MPT X .125 FPT 90° STREET ELBOW
10376	FTG ELB .125 MPT X .20 HB BRASS
10373	FTG STR .20 HB X 10-32 NF TAPERED BRASS
SB7785	FTG TEE .188 INVERTED FLARE W/ BRACKET
SB7900	FTG TEE .188" ADAPTOR FEMALE (2) MALE (1)
SBD10	FTG UNION .188" FEMALE
11436	FTG .125 MPT X .125 FPT ELBOW
05679	FTG .125" MPT X .188" INVERTED FLARE

Flexible Brake Hoses

SAE 1401

ITEM #	LENGTH IN INCHES	NOTES
SB7H66	7	SOLID FEMALE (2X)
SB7H67	7	SWIVEL MALE & SOLID FEMALE
10433	9	SOLID FEMALE (2X)
02032	12	SOLID MALE & SOLID FEMALE
SB12H137	12	SOLID MALE & SOLID MALE
SB13H66	13	SOLID FEMALE
13958	17	90° SWIVEL MALE ENDS (2X)
SB18H137	18	SOLID MALE & SWIVEL MALE
11627	18	SWIVEL MALE & SOLID FEMALE
05982	19	SOLID MALE & SOLID FEMALE
13788	20 1/2	SOLID MALE & SOLID FEMALE
SB24H137	24	SOLID MALE & SWIVEL MALE
09571	24	SOLID MALE & FEMALE
11876	25	SOLID FEMALE SWIVEL MALE W/ 90° LINE
11714	27	SOLID MALE SOLID FEMALE
13858	28	SWIVEL MALE & SOLID FEMALE
11738	36	DOUBLE SWIVEL MALE WITH COILED ARMOR SPRING
15009	36	SWIVEL MALE & SOLID FEMALE
02034	45	SOLID FEMALE (2X)
05979	52	SWIVEL MALE & SWIVEL MALE
14006	62	45° ELBOW MALE & SOLID MALE

Brake Accessories

ITEM #	NOTES
02549	BRAKE LINE PROTECTOR RUBBER X .75" LONG
SB7764	RUBBER BRAKE LINE CLIP
05981-95	BRACKET PLTD F/BRAKE LINE HOSE
01863	5/8 RUBBER GROMMET

Hub Assemblies



1750 lb. Hub

ITEM #	TYPE	DESCRIPTION	WT (LBS.)
13017	Sealed Hub	5 on 5 1/2" Bolt circle 3.990 Pilot, 5" Spindle shaft for 1 3/4" sleeve 6.8" Hub face diameter	12

Electric Adaptor



7000 lb. G.V.W.R.

Bolt on electric adaptor for 3" tongues

ITEM #	TYPE	DESCRIPTION	WT (LBS.)
14583	Adaptor	Uses 3 Hole Standard bolt pattern with 8" 4 bolt channel centered	13

Tongues For Industrial Use



6104

25,000 lb. G.V.W.R.

Telescoping tongues for industrial running gears or drop tongue trailers.
Equipped with manual lockout for off road use. 75.5" overall length, 18" telescope.

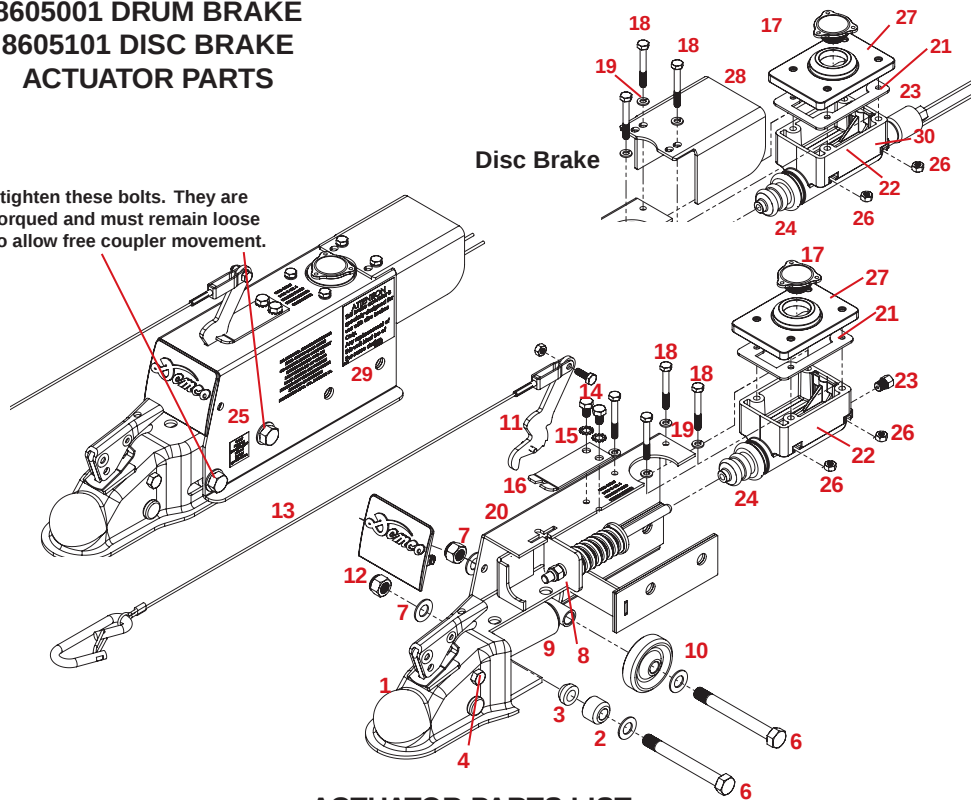
ITEM #	TYPE	DESCRIPTION	WT (LBS.)
6104	Tongue	Powder coat black, large bore master cylinder, spring dampener system easy-lift handles and foot rest. 2 hole channel with 25k pintle ring.	165

DA66

Parts Explosion

8605001 DRUM BRAKE 8605101 DISC BRAKE ACTUATOR PARTS

Do not tighten these bolts. They are factory torqued and must remain loose enough to allow free coupler movement.



ACTUATOR PARTS LIST

REF NO.	PART NO.	QTY	DESCRIPTION
1.	12190-95	1	6000# 2" Lever Lock Coupler
2.	SB23278	2	Roller
3.	12151	2	Front Roller Spacer
4.	02166	1	3/8"-16UNC X 2-3/7" Hex Head Bolt (gr.5)
5.	07176	1	3/8"-16UNC Stover Lock Nut
6.	05684	2	1/2"-13UNC x 4-7/16" Hex Head Bolt (gr.5)
7.	02178	2	1/2"-13UNC Nylon Insert Lock Nut
8.	12193	1	Push Rod Assembly
9.	05692	1	Dampener/ Shock
10.	12103	2	Rear Roller Spacer
11.	*05951	1	Emergency Lever
12.	12187	1	Front Cover Composite Black
13.	*12200	1	28" Cable
14.	05960	2	5/16"-18UNC x 1/2" Self-Tapping Screw
15.	05424	2	5/16" External Tooth Lock Washer
16.	*05693-95	1	Emergency Lever Spring
17.	03876	1	Master Cylinder Cap w/ Diaphragm & O-ring
18.	**00618	4	1/4-20UNC x 2.00" Hex Head Bolt
19.	**00057	4	1/4" Spring Lock Washer

Please order replacement parts by PART NO. & DESCRIPTION

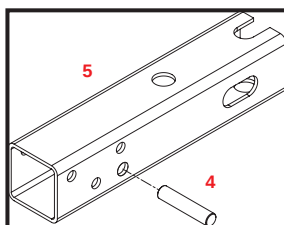
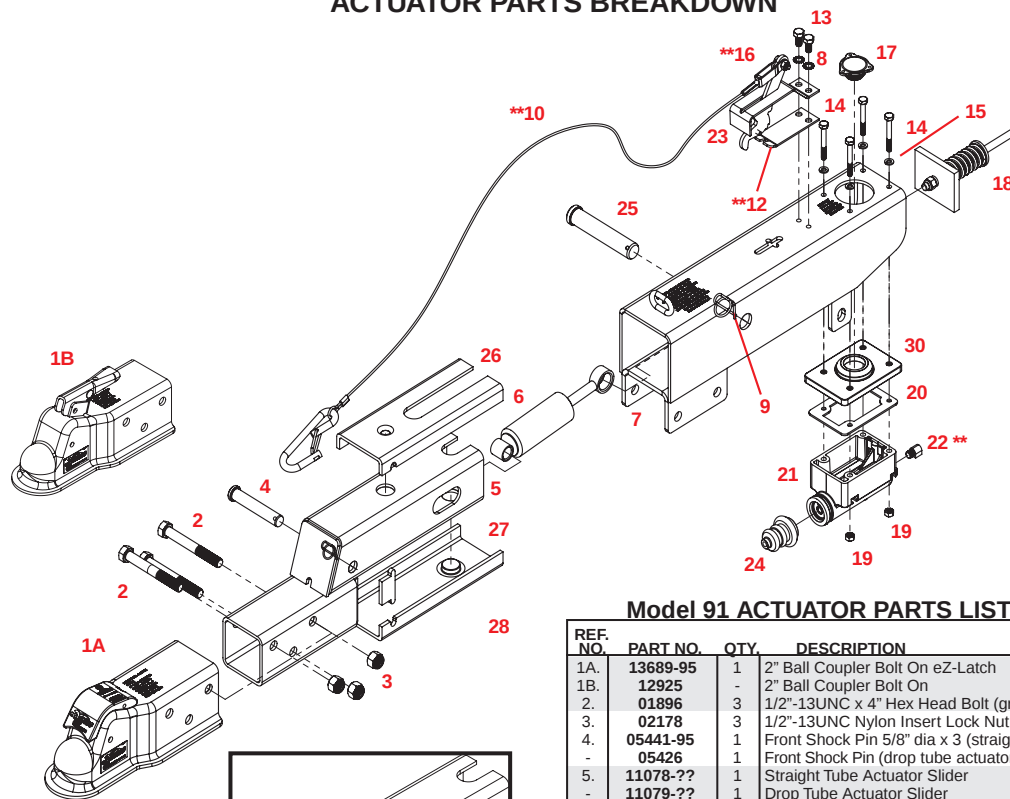
REF NO.	PART NO.	QTY	DESCRIPTION
20.	12191-95	1	Outer Case
21.	**09153	1	Replacement Master Cyl. Gasket ONLY
22.	**10616	1	Master Cylinder (Not sold separately) Drum
-	5650	-	Master Cylinder Drum Kit (incl. items w/**)
-	**11190	1	Master Cylinder (Not sold separately) Disc
-	5672	-	Master Cylinder Disc Kit (incl. items w/**)
23.	05679	1	.125 Full Orifice Drum
-	11993	1	Inline Blocking Solenoid Disc
24.	**05687	1	Master Cylinder Protective Boot
25.	BH21004	1	Safety Decal (See Page 6)
26.	**00062	4	1/4-20UNC Nut
27.	12557	1	Threaded Cap For Master Cylinder
28.	12267-95	1	Solenoid Cover Disc
29.	BD21001	2	Disc Brakes Decal (See Page 6)
30.	07283	1	10mm Flat Washer Disc

Please order replacement parts by PART NO. & DESCRIPTION

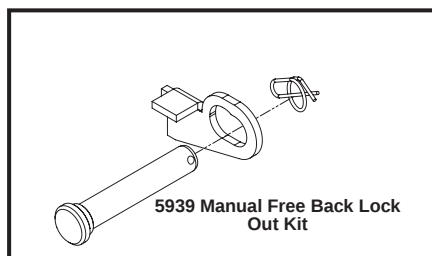
DA91

Parts Explosion

ACTUATOR PARTS BREAKDOWN



Optional Straight Tube Slider



Please order replacement parts by **PART NO.** and **DESCRIPTION**

Model 91 ACTUATOR PARTS LIST

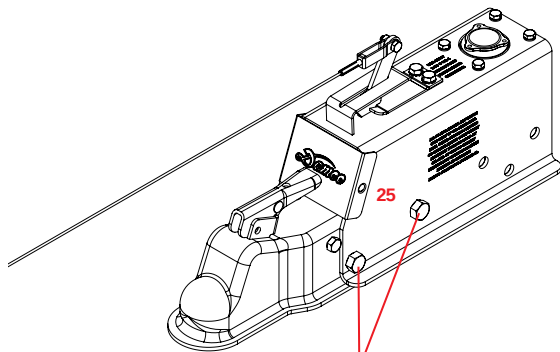
REF. NO.	PART NO.	QTY.	DESCRIPTION
1A.	13689-95	1	2" Ball Coupler Bolt On eZ-Latch
1B.	12925	-	2" Ball Coupler Bolt On
2.	01896	3	1/2"-13UNC x 4" Hex Head Bolt (gr.5)
3.	02178	3	1/2"-13UNC Nylon Insert Lock Nut
4.	05441-95	1	Front Shock Pin 5/8" dia x 3 (straight tube)
-	05426	1	Front Shock Pin (drop tube actuators)
5.	11078-??	1	Straight Tube Actuator Slider
-	11079-??	1	Drop Tube Actuator Slider
6.	SB12426	1	Dampener/ Shock
7.	11164-??	1	3 Bolt Mount Outer Case
8.	05424	2	5/16" External Tooth Lock Washer
9.	12397	1	Rue Ring Lock Cotter Pin f/.88 pin
**10.	05408	1	Replacement 3/32" Cable with bolt and nut
**12.	05693-95	1	Emergency Lever Spring
13.	05961	2	5/16"-18UNC x 5/8" Hex Head Bolt (gr.5)
14.	00618	4	1/4"-20UNC x 2" Hex Head Bolt (gr.5)
15.	00057	4	1/4" Lock Washer
**16.	05951-95	1	Emergency Lever Assembly
17.	03876	1	Master Cylinder Cap w/ Diaphragm & O-ring
-	05849	1	O-Ring Only (not shown)
18.	05977	1	Push Rod Assembly
19.	00062	4	1/4"-20 UNC Hex Nut
20.	09153	-	Master Cyl. Gasket ONLY
21.	5650	1	Master Cylinder (drum brakes)
-	5672	-	Master Cylinder (disc brakes)
**22.	05679	1	Brake Fitting .125 Full Flow (see options)
23.	03866-95	1	Lever Guide
24.	05687	1	Master Cylinder Protective Boot
25.	05986-95	1	Connecting Pin
26.	10965****	1	Upper Slider
27.	10966****	1	Lower Slider
28.	10967****	2	Side Spacers
29.	12396	1	Rue Ring Lock Cotter Pin f/.63 pin
30.	12557	1	Fill Plate for Master Cylinder

-	5401	-	Lever Replacement Kit (incl. items w/**)
-	5650	-	Master Cyl. Replacement Kit (drum)
-	5672	-	Master Cyl Replacement Kit (disc)
-	5942	-	Slide Replacement Kit (incl. items w/****)
-	5939	-	Manual Free Back Lock Out Kit

Note: -?? = -95 Plated -97 Primed Red -81 Black
-52 Metallic Silver

DA86

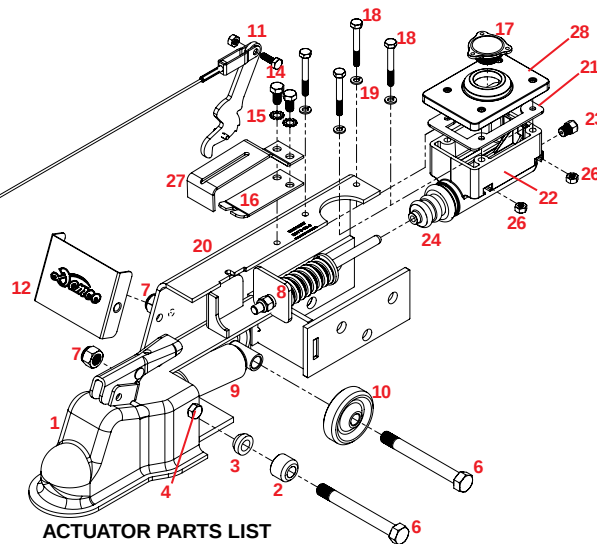
Parts Explosion



Do not tighten these bolts. They are factory torqued and must remain loose enough to allow free coupler movement.

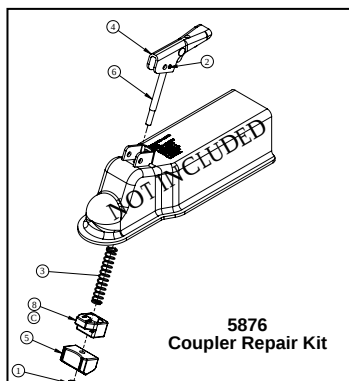
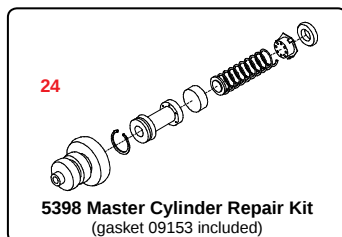
13

**8608601 *Plated &
8608701 *Black
DRUM BRAKE
ACTUATOR PARTS**



ACTUATOR PARTS LIST

REF. NO.	PART NO.	QTY.	DESCRIPTION
1.	12546-95	1	2" EZ-Latch Coupler Plated
-	12546-30	-	2" EZ-Latch Coupler Black
2.	SB23278	2	Roller
3.	12151	2	Front Roller Spacer
4.	08108	1	3/8"-16UNC X 2-3/7" Hex Head Bolt (gr.5)
5.	07176	1	3/8"-16UNC Stover Lock Nut
6.	05684	2	1/2"-13UNC x 4-7/16" Hex Head Bolt (gr.5)
7.	02178	2	1/2"-13UNC Nylon Insert Lock Nut
8.	12193	1	Push Rod Assembly
9.	05692	1	Dampener/ Shock
10.	12103	2	Rear Roller Spacer
11.	*05951	1	Emergency Lever
12.	12548-95	1	Front Cover
13.	*12200	1	28" Cable
14.	05961	2	5/16"-18UNC x 5/8" Screw
15.	05424	2	5/16" External Tooth Lock Washer
16.	*05693-95	1	Emergency Lever Spring
17.	03876	1	Master Cylinder Cap w/ Diaphragm & O-ring
18.	**00618	4	1/4"-20UNC x 2.00" Hex Head Bolt
19.	**00057	4	1/4" Spring Lock Washer
20.	12547-95	1	Outer Case Plated
-	12547-30	1	Outer Case Black
21.	**09153	1	Replacement Master Cyl. Gasket ONLY
22.	**10616	1	Master Cylinder (Not sold separately)
23.	5650	-	Master Cylinder Drum Kit (incl.items w/**)
24.	05679	1	Full Port Fitting
24.	05687	1	Master Cylinder Protective Boot
25.	BH21004	1	Safety Decal (See Page 7)
26.	**00062	4	1/4"-20UNC Nut
27.	03866	1	Emergency Lever Guide
28.	12557	1	Cap For Master Cylinder



-	5400- Emergency Lever Replacement Kit (incl. items w/*)
-	5398 -Master Cylinder Repair Kit w/ gasket
-	5876 -Coupler Repair Kit (lever lock)

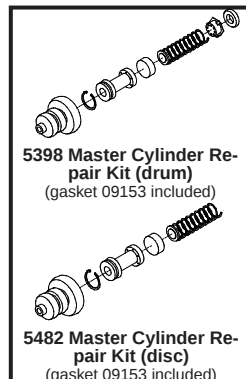
Please order replacement parts by PART NO. and DESCRIPTION.

DA10

Parts Explosion

MODEL DA10 ACTUATOR PARTS BREAKDOWN

Item	Part #	Description	Qty	18	5650	Composite Master Cyl. Kit (drum brakes)	1
1	00057	Washer, .25 Spring Lock	4	-	5672	Composite Master Cyl. Kit (disc brakes)	-
2	00062	Nut .25nc Hex	4	-	5783	1.25" Bore Aluminum Master Cyl. Kit Disc	-
4	00618	Bolt, .25 Nc X 2.00 Hex Head Gr.5	4	19	10964***	DA10 & DA20 Spacer	2
6	03866-95	Emergency Lever Guide	1	20	10965***	DA91 & DA10 Slide Channel Top	1
7	03876	Master Cylinder Cap Assembly	1	21	10966***	DA91 & DA10 Slide Channel Bot	1
	05849	O-Ring (replacement)		22	11058-??	Inner Slider Tube Chan. Down (Shown)	1
8	05424	Washer, .313 External Tooth Lock	2	-	11053-??	Inner Slider Tube Channel Center	-
9**	05679	Brake Fitting .125 Full Flow	1	-	11063-??	Inner Slider Tube Channel Up	-
10	05693-95	Spring, Safety Lever	1	23	11068-??	DA10 Outer Case	1
11	05951	Emergency Lever	1	24	12396	Rue Ring Lock Cotter 5/8 Shaft	1
12	05961	Bolt, .313 Nc X .625 Hex Head Gr5	2	25	12397	Rue Ring Lock Cotter, 7/8 Shaft	2
13	05973-95	Pin, Front Shock	1	26	12557	Fill Plate for Master Cylinder	1
14	05974-95	Cold Headed Clevis Pin, .625	1	27	05408	Safety Cable f/Actuators	1
15	05986-95	Cold Headed Clevis Pin, .875	2	28	SB12426	Shock, Dampener	2
16	05989	Push Rod Assy f/DA10	1	-	BH21003	Replacement Towable/Not Towable Decal	-
-	12891	Push Rod Assy f/1.25" Bore Master Cylinder	1	-	05687	Replacement Master Cyl. Protective Boot	-
17	09153	Cork Gasket F/ Master Cylinder	1	-	5401	Lever Replacement Kit (incl. items w/**)	-
				-	5943	Slide Replacement kit (incl. items w/***)	-

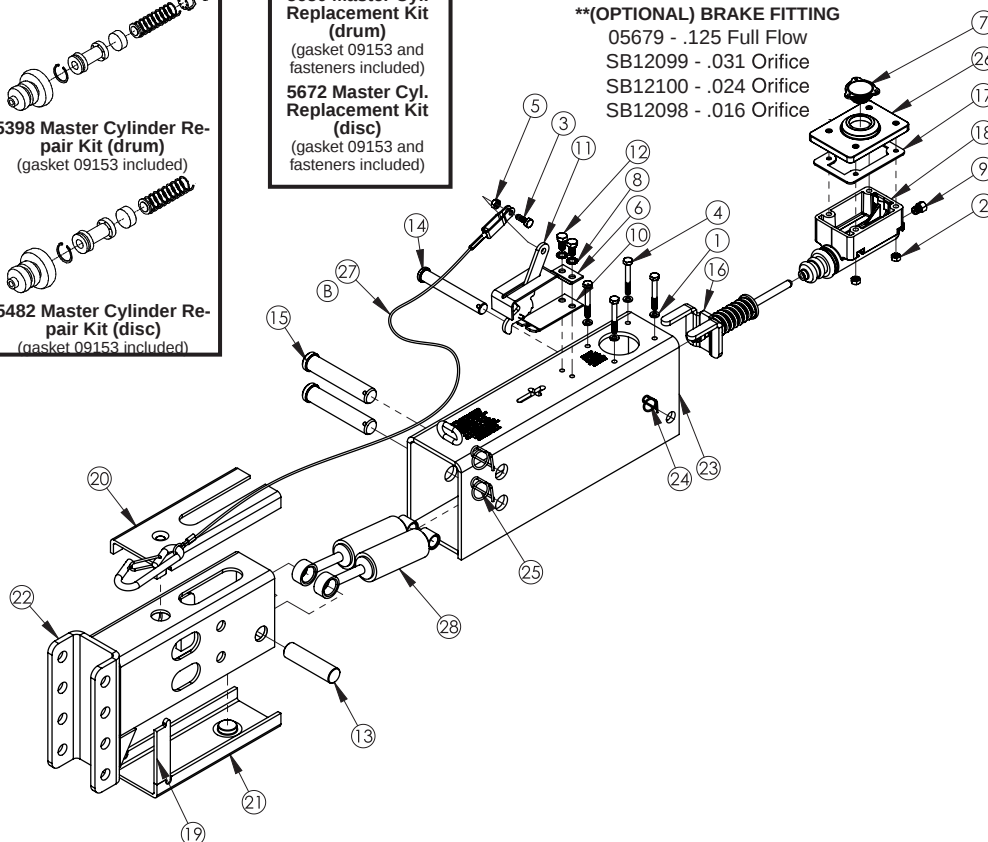


5650 Master Cyl. Replacement Kit (drum)
(gasket 09153 and fasteners included)

5672 Master Cyl. Replacement Kit (disc)
(gasket 09153 and fasteners included)

** (OPTIONAL) BRAKE FITTING

05679 - .125 Full Flow
SB12099 - .031 Orifice
SB12100 - .024 Orifice
SB12098 - .016 Orifice

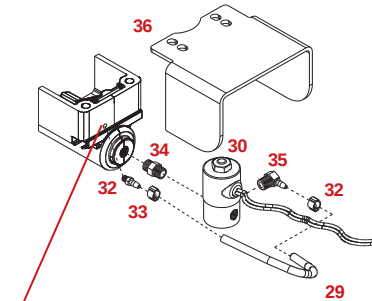


DA16

Parts Explosion

MODEL DA16 ACTUATOR PARTS BREAKDOWN

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	00057	4	Washer, .25 Spring Lock
2	00068	1	Hbolt .2500-20 **
3	02772	1	Nut, .25NC Lock Nylon Insert **
4	03409-95	1	Pin, Front Stock
5	03410-95	1	Cold Headed Clevis Pin, .625
6	03411-95	2	Cold Headed Clevis Pin, .875
7	03866-95	1	Emergency Lever Guide **
8	03876	1	Master Cylinder Cap Assembly
9	04055	4	Bolt, .25-20 NC x 1 Gr5 Hex Head
10	05424	2	Washer, .313 External Tooth Lock
11	05693-95	1	Spring, Safety Lever **
12	05951	1	Emergency Lever **
13	05961	2	Bolt, .313 NC x .625 Hex Head Gr5
14	09153	1	Cork Gasket f/Master Cylinder **
15	10962 *	1	DA16 Slide Channel Top
16	10963 *	1	DA16 Slide Channel Bot
17	10964 *	2	Spacer
18	11675-95	1	Solenoid Cover
19	11724	1	DA16 Push Rod Assembly
20	12396	1	Rue Ring Lock Cotter 5/8 Shaft
21	12397	2	Rue Ring Lock Cotter 7/8 Shaft
22	12557	1	Fill Plate f/Master Cylinder Cap
23	13730	1	Safety Cable f/Actuators **
24	13738-95	1	Inner Drop Tube Assembly
25	13739-95	1	Outer case DA16
26	35683	1	Aluminum Master Cylinder w/By-Pass
27	BD21001	2	Decal Disc Brakes
28	BH21009	1	Decal "Warning" By-Pass Solenoid
29	SB12426	2	Shock Damper
-	5401	-	Lever Replacement Kit (incl. items w/**)
-	5944	-	Slide Replacement Kit (incl. items w/**)



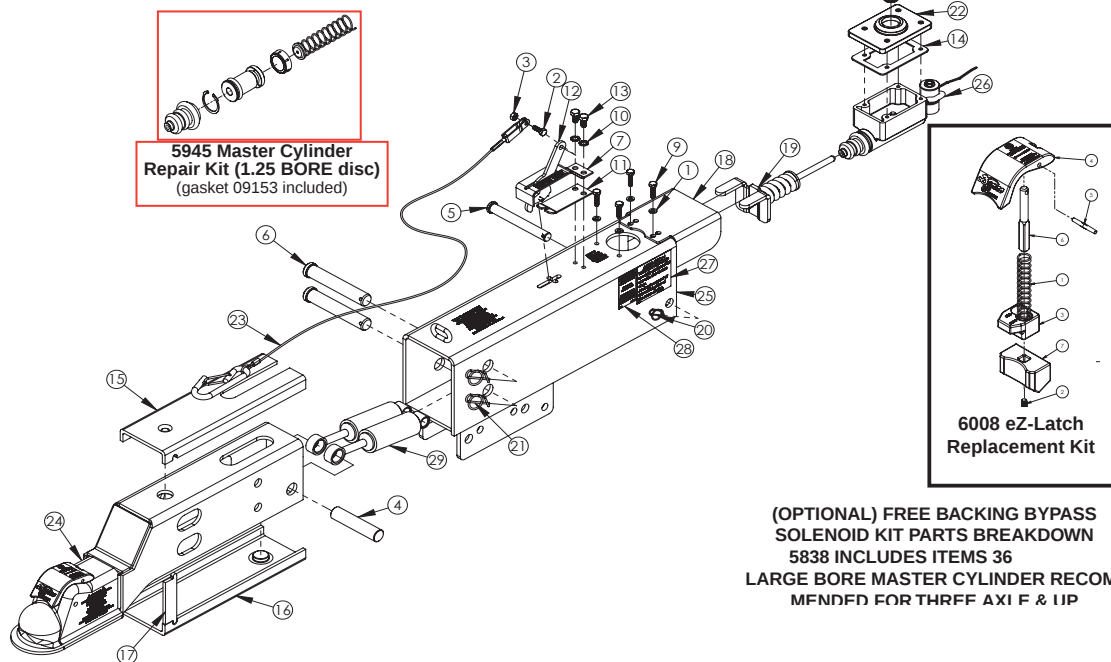
Drill the hole using a 5/32" bit. Hole location is .900" right of top left corner and .900" down from top of master cylinder. Tap hole with 10-32 NF tap

KIT #5753 PARTS LIST

REF. NO.	PART NO.	QTY.	DESCRIPTION
29.	04594	-	EPDM Black Tubing
30.	05561	1	Solenoid Valve Bypass
31.	09153	1	Master Cylinder Gasket (not shown)
32.	10373	1	Brass Fitting Str. .2 HB x 10-32 NF
33.	10374	2	Crimp Clamp
34.	10375	1	Straight Nipple 1/8" MPT x 1/8" MPT
35.	10376	1	Brass Elbow 1/8" MPT x .2 HB
36.	11675-95	1	Solenoid Cover Plate

Please order replacement parts by **PART NO. COLOR** and **DESCRIPTION**

Fill Plate for Master Cylinder Cap
not needed if Outer case is threaded



5945 Master Cylinder Repair Kit (1.25 BORE disc)
(gasket 09153 included)

6008 eZ-Latch Replacement Kit

(OPTIONAL) FREE BACKING BYPASS
SOLENOID KIT PARTS BREAKDOWN
5838 INCLUDES ITEMS 36
LARGE BORE MASTER CYLINDER RECOM-
MENDED FOR THREE AXI F & IIP

DA20

Parts Explosion

MODEL DA20 ACTUATOR PARTS BREAKDOWN

Ref NO.	Part NO.	DESCRIPTION	Qty
1	00057	Washer, .25 Spring Lock	4
2	00062	Nut .25nc Hex	4
4	00618	Bolt, .25 Nc X 2.00 Hex Head Gr.5	4
6	03409-95	Pin, Front Stock	1
7	03410-95	Cold Headed Clevis Pin, .625	1
8	03411-95	Cold Headed Clevis Pin, .875	2
9	03412-97	DA20 Outer Case see page 12 for others	1
10	03534	Push rod Assy-DA20	1
	11724	1.25" Bore Push rod Assy	-
11	03866-95	Emergency Lever Guide	1
12	03876	Master Cylinder Cap Assembly	1
	05849	O-Ring (Replacement)	
13	05424	Washer, .313 External Tooth Lock	2
14	05679**	Brake Fitting .125 Full Flow	1
15	05693-95	Spring, Safety Lever	1
16	05951	Emergency Lever	1
17	05961	Bolt, .313 Nc X .625 Hex Head Gr5	2
18	09153	Cork Gasket f/Master Cylinder	1
19	5650	Composite Master Cylinder Drum Kit	1
	5672	Composite Master Cylinder Kit Disc	

	5783	1.25" Bore Aluminum Master Cyl. Kit Disc	
20	10962 *	DA20 Slide Channel Top	1
21	10963 *	DA20 Slide Channel Bot	1
22	10964 *	DA10 & DA20 Spacer	2
23	11042-??	Inner Slide Tube, Offset Channel (Shown)	1
	11040-??	Inner Slider Tube Channel Center	-
	11050-??	Inner Slider Tube Channel Up	-
24	12396	Rue Ring Lock Cotter 5/8 Shaft	1
25	12397	Rue Ring Lock Cotter, 7/8 Shaft	2
26	12557	Fill Plate for Master Cylinder	1
27	05408	Replacement Safety Cable	1
28	SB12426	Shock, Dampener	2
-	BH21003	Replacement Towable/Not Towable Decal	-
29	05687	Replacement Master Cyl. Rubber Boot	1

-	5401	Lever Replacement Kit (incl. items w/**)	-
-	5944	Slide Replacement kit (incl. items w/*)	-

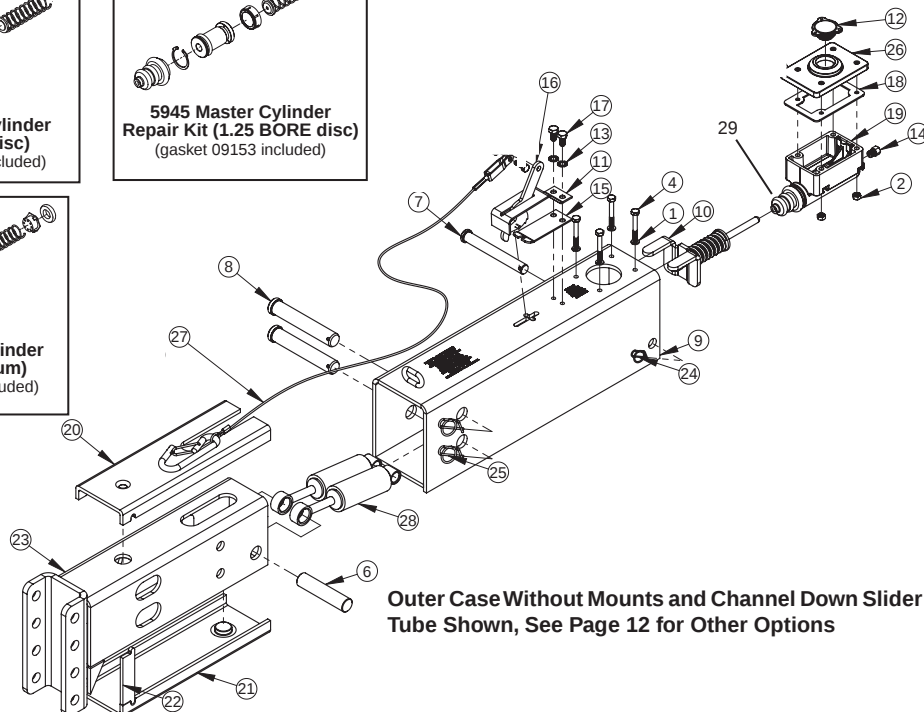
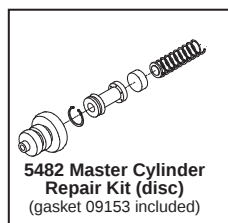
Please order replacement parts by **PART NO. COLOR** and **DESCRIPTION**

Note: -?? = -95 Plated -97 Primed Red -35 Black

** (OPTIONAL) BRAKE FITTING

05679 - .125 Full Flow
 SB12099 - .031 Orifice
 SB12100 - .024 Orifice
 SB12098 - .016 Orifice

LARGE BORE MASTER CYLINDER RECOMMENDED FOR THREE AXLE & UP



Demco eZ-Latch Coupler Operation

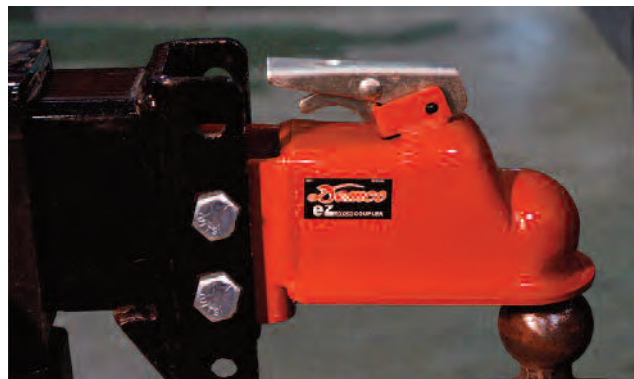
2" & 2 5/16" Couplers



(4) 5/8" Grade 5 Bolts are required with channel mounted 2" & 2 5/16" couplers



1



(1) eZ-Latch couplers do not require users to lift the handle for the coupler to engage the ball. Position the ball in the center of the ball socket or slightly forward, then begin to lower the coupler with the jack on the trailer.



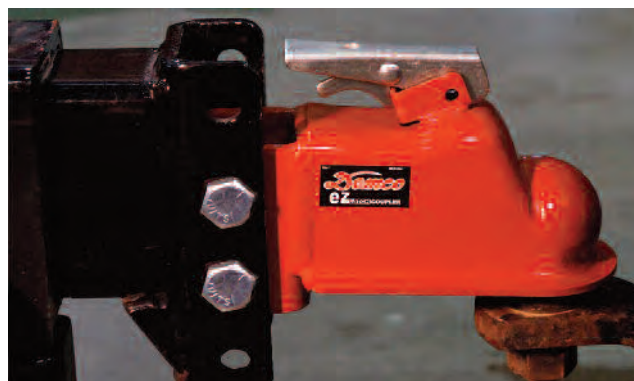
2



(2) At the mid-way point when lowering the trailer, the stem on the handle will begin to rise up allowing the ball to enter the ball socket.



3



(3) Once the ball has fully engaged the socket the ball keeper will snap back into place securing the coupler to the ball.

All Demco eZ-Latch couplers are tested and rated without the use of a safety pin and are not required for the couplers to be used in safe operation. A security hole is available on all the eZ-Latch couplers to be used in correlation with a lock for theft deterrence.

Committed to service

**Making Demco Trailer Components the best value
is Demco's number one commitment.**



Materials: The search for excellence

Stress tables are not the final word when designing brake products. At Demco, we begin with analyzing stress data. With this information, materials are selected for a prototype. Our purchasing department then searches for the best materials and components. This search also includes long term availability and delivery. Top grade components, computer aided design and quality workmanship all add up to Demco excellence.

Testing keeps us on top

All of our products are put through a rigorous testing program, exposing the prototype beyond normal recommended use. We know our reputation for quality will continue to surface if we consistently test our products to this degree.

High quality workmanship

In the hands of our skilled production personnel, quality materials become quality finished products. All components must pass inspection and comply to rigid, detailed specifications before they are assembled and delivered to you.

You're in good company with Demco

At Demco, it's our goal to provide quality products that meet and exceed the needs of our customers. You can count on us for on-time delivery and attention to details.



The Demco logo, featuring the word "Demco" in a red, cursive script font with a white outline.

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Doing our Best to Provide You the Best