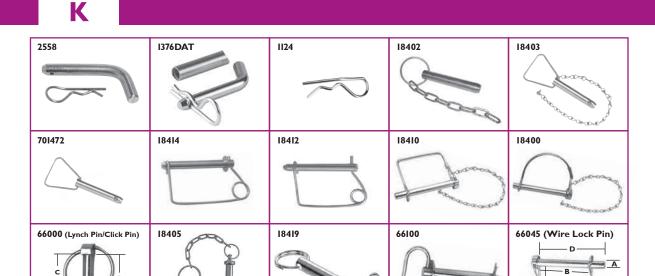
Locks & Cargo Control

☐ Pins □ Bolt-On D-Ring Assemblies ☐ Universal Ball Coupler Locks ☐ Forged D-Ring Assemblies ☐ Lip Engaging Ball Coupler Locks □ E-Track Accessories ☐ Total Encasement Ball Coupler Locks ☐ Logistic Track Fittings ☐ Ball Coupler Latch Locks ☐ Series E or A Decking/Shoring Beam ☐ Ball Mount/Receiver Hitch Locks - Barbell Style □ Weld-On Webbing Winches ☐ Ball Mount/Receiver Hitch Locks - Bent Pin Style □ Portable Webbing Winches ☐ Keyed Alike Lock Sets □ Lashing Webbing Winch ☐ Lunette Eye/Draw Bar Locks ☐ Standard Winch Straps □ Winch Bar & Slider Track ☐ King Pin Locks ☐ Gooseneck Coupler Locks ☐ Ratchet Tie Down & Tie-Down Straps ☐ Spare Tire Locks ☐ Heavy-Duty Cam Buckle Straps ☐ Outboard Motor Lock ☐ E-Track Ratchet Straps ☐ Trailer Wheel Locks □ Wheel Tiedowns ☐ Hidden Shackle Locks □ Ratchet Straps ☐ Shielded Padlock □ Ratchet Buckles ☐ Cable Locks □ Stake Pockets ☐ Anchor Shackles, Quick Links & Hooks ☐ Slam Locks ☐ Chain ☐ Heavy-Duty Aluminum Door Holdback ☐ Safety Cable Anchor □ Rack Connector Set ☐ Safety Cable Assemblies □ Spring Latches ☐ Lever and Ratchet Binders □ Door Latch Kit ☐ Load Binder Chain Assemblies □ Door Handles ☐ Pan Fittings with Rings □ Door Handle Cam ☐ Surface Mounted Rope Ring ☐ Flush Mount



SECTION

Switches



Bent Pin w/Hairpin Clip

Part #	Pin Diameter	Usable Length
2558	1/2"	2"
2560	5/8"	3"
74149	5/8"	2½"
1376DAT	5/8" & 1/2" bent pin v	v/stainless sleeve

Hairpin Clip

	_	
Part #	Pin Diameter	Overall Length
1124	3/8"	13/16"
1126	1/2"	29/16"
1128	5/8"	3"

Detent Pin with Chain

Part#	Pin Diameter	Usable Length
18402	9/16"	21/2"
18403	5/8"	31/2"
18407	5/8"	31⁄4"

Detent Pin (No Chain)

Part#	Pin Diameter	Usable Length
18405	9/16"	2½"

Safety Spring Pin

Part #	Pin Diameter	Usable Length
18414	1/2"	3½"
18415	5/8"	43/8"

Safety Spring PTO Pin

Part #	Pin Diameter	Usable Length
18412	5/16"	21/4"
18413	3/8"	21/4"

Wire Lock Pin w/Chain

Part #	Pin Diameter	Usable Length
18410	1/4"	1½"
18400	5/16"	21/4"

Lynch Pin/Click Pin

Part #	A Dia.Width	B Usage Length	C Loop Clearance
66000	.25"	1.75"	1.50"
66003	.19"	1.38"	1.10"
66006	.31"	1.75"	1.44"

Pin w/Ring, Chain & Lynch Pin

Part #	Pin Diameter	Usable Length
18405	9/16"	2½"

Ring Hitch Pin w/Hairpin Clip

0		
Part #	Pin Diameter	Usable Length
18419	1/2"	31/2"
66100	1/2"	41/4"
18421	5/8"	41/4"
66105	5/8"	61/4"
66110	3/4"	41/4"
66115	3/4"	61/4"
66120	7/8"	61/4"
66125	1"	61⁄4"

Wire Lock Pin (No Chain)

		•		•
Part #	A Dia.Width	B Usage Length	C Loop Clearance	D Pin Length
66045	3/16"	15/8"	19/16"	1 ¹³ /16"
66050	1/4"	1 ¹³ /16"	11/2"	2"
66053	5/16"	27/16"	13/4"	2 ²⁵ /32"
66056	3/8"	1 17/32"	1 17/32"	15/5"
66060	3/8"	217/32"	137/64"	21/2"
66063	1/4"	21/2"	1 ¹³ /16"	249/64"
66066	1/4"	3"	11/2"	31/4"

Blaylock EZ Lock

Made in the USA of heavy grade aircraft aluminum and will not rust. Features a 3/4" steel locking pin, for use with the heavy-duty shielded padlock (not included).





Universal Ball Coupler Locks

Secures trailers when parked, by covering the ball cavity to prevent towing. This style lock fits most couplers with, or without a lip around the ball cavity.

	Part #	Description
	TL33	Fits trigger style couplers (Fulton, Shelby, D&L), Atwood rolled lip and helmet style. UFP couplers and actuators and many others. Made in the USA. (Padlock not included. Order lock #40DAT separately.)
,	TL20	Fits all Hammerblow Bulldog forged 1% ", 2 " and 25% " trailer couplers and similar styles. (Padlock not included. Order lock #40DAT separately.)



GORILLA GUARD

Part #	Description	
UTL100	Universal trailer coupler lock, fits most 17/8", 2" & 25/16" couplers	
UTL100-K	Replacement key precut - Special Order	







Part#	Description		
379DAT	Fits 1½", 2", and 2½%" couplers manufactured by Reese, Fulton, Valley, Atwood, Shelby, Putnam, HammerBlow, Dutton Lainson & UFP. Advanced locking mechanism resists picking and prying.		
379ATPY	Commercial version - rekeyable. Dark gray or black finish. The cylinder plug in the #379ATPY uses the Python TM cylinder mechanism but the plug cannot be interchanged with other Python TM cylinders.		





Part #	Description		
2498	Universal trailer coupler lock, fits most 11/8", 2" & 25/16" couplers		
2498-K	Replacement key - Blank (1 pair) { Side 1 = 1 Groove Side 2 = 3 Grooves		
2498-K1	Replacement key - Blank (1 pair) { Side 1 = 2 Grooves Side $2 = 1$ Groove		



379ATPY



T/TRIMAX	7

Part #	Description		
UMAX100	Premium UNIVERSAL 360° of "Solid Hardened Steel" dual action coupler lock (Fits ALL couplers)		
UMAX50	UNIVERSAL "Die-Cast" Dual purpose coupler lock (Fits ALL couplers)		



Lip Engaging Ball Coupler Locks

Secures trailers when parked, by covering the ball cavity to prevent towing. This style lock engages the lip around the ball cavity, and has a locking mechanism that extends into the ball cavity to prevent removal.

Part #	Description	
TL38	Fits most 1% and 2" trigger-style couplers with flat lip flange around ball cavity.	
TL36	Fits heavy duty 2" couplers with flat lip flange around ball cavity.	
TL34	Fits heavy duty 2" and 25/16" couplers with rolled lip flange around ball cavity.	

Part #	Bolt Pattern	
11211	Fits most 17/8" stamped couplers	
11212	Fits most 2" stamped couplers	
11212-KA	2" "Keyed Alike"	
11213	Fits most 25/16" stamped couplers	
11213-KA	25/ъ" "Keyed Alike"	
11212-K	Replacement key precut - Special Order	

Blaylock EZ Lock

Made in the USA of heavy grade aircraft aluminum and will not rust. Heavy duty one-piece lock with a 1/8" steel pin and push lock. Constructed with extra large crown to house tumbler. Locks and unlocks from the front.



Lip Engaging Ball Coupler Locks

Secures trailers when parked, by covering the ball cavity to prevent towing. This style lock engages the lip around the ball cavity to prevent removal.

Part #	Description	
377DAT	Fits 11%" & 2" couplers with flat flange around ball cavity Adjusts to fit many makes and models	
377KA	Same as #377DAT, but keyed alike	
378DAT	Fits 25/16" couplers with flat flange around ball cavity Adjusts to fit many makes and models	
378KADAT	Same as #378DAT, but keyed alike	

Part#	Description		
	Lock Sets contains one each:		
	• #379 - 11/8" & 2" Coupler Cavity Lock		
	• #2847 - Coupler Latch Lock 1/32" x 7/8" Pin		
3794DAT	• #2854 - Receiver Lock fits both 5/8" (16mm) & 1/2" (13mm) receiver holes;		
	2½" (64mm) long shackle		
	Heavy-duty nylon zippered carrying case		



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Total Encasement Ball Coupler Locks

Part#	Note	Description
TL22	Secures trailers when parked, by	Fits 2" Bulldog Forged Style Couplers
TL23	covering the ball cavity to prevent towing.	Fits 25/16" Bulldog Forged Style Couplers



Ball Coupler Latch Locks

Secures trailers when parked or in tow by preventing operation of the ball latch.

Part #	Pin Diameter	Usable Length
2567	1/4"	1/2"

	Part #	Pin Diameter	Usable Length
56	2556	1/4"	7/8"

DeadBoli—

Part #	Pin Diameter	Usable Length
2566	1/4"	2"

TRIMAX

Part #	Pin Diameter	Usable Length
2578	1/4"	21/2"



Part #	Pin Diameter	Usable Length
1475 DAT	9/32"	7/8"
1471 DAT	% ₃₂ "	3½"

Part #	Pin Diameter	Usable Length
11215	1/4"	3/4"

Part #	Description
LL104	Fits coupler latches up to 5%" wide. Also use on trailer door latches, storage units or cargo & toolboxes. Stainless steel construction with patented ball-bearing locking system. O-rings inside and rubber cap keep out moisture and dirt. Lifetime warranty.



Part #	Description
605DAT	Solid brass body with ¾" opening %32" case hardened steel shackle
2847DATSC	Stainless steel, adjustable coupler latch lock









Switches

Ball Mount/Receiver Hitch Locks - Barbell Style

Secures ball mounts and hitch mounted accessories like bike racks and cargo carriers.

Part #	Pin Diameter x Usable Length	Description
2568-1	½" x 15/8"	For Class I and Class II hitches with 11/4" square tubes

^{*} Can be ordered keyed alike for an additional charge

SECTION K



Part #	Pin Diameter x Usable Length	Description
2568	½" x 2¾"	For Class I and Class II hitches with 11/4" square tubes

^{*} Can be ordered keyed alike for an additional charge



Part #	Description	
TS32	Fits both $\frac{5}{8}$ " (16mm) & $\frac{1}{2}$ " (13mm) receiver holes $2\frac{1}{2}$ " (64mm) long shackle; Keyed different	
1480DAT	Stainless steel; Fits 5% " (16mm) receiver holes; 21% " (64mm) long shackle	
1480KA Keyed Alike	Stainless steel; Fits $\frac{5}{8}$ " (16mm) receiver holes; $\frac{2}{2}$ " (64mm) long shackle	

Part #	Pin Diameter x Usable Length	Description
LL100	5/8" × 2½"	Stainless Steel; Lifetime Warranty; For Class III and IV hitches with 2" square tubes



I480DAT

Part #	Pin Diameter x Usable Length	Description
2569	5/8" × 2 ¹¹ /16"	For Class III and IV hitches with 2" square tubes

Part #	Pin Diameter x Usable Length	Description
2569-1	5/8" × 2 ¹¹ /16"	For Class III and IV hitches with 2" square tubes

^{*} Can be ordered keyed alike for an additional charge



Buyers A

Part #	Pin Diameter x Usable Length	Description
2492	5/8" × 2³/4"	For Class III and IV hitches with 2" square tubes
3429	5⁄8" x 3 ½"	For Class V hitches with 2½" square tube

Part #	Pin Diameter x Usable Length	Description
2490	5/8" × 43/8"	For Rapid Hitch ball platform







Ball Mount/Receiver Hitch Locks - Bent Pin Style

Part #	Pin Diameter x Usable Length	Description
2570	½" x 3"	For Class I and Class II hitches with 11/4" square tubes





Part #	Pin Diameter x Usable Length	Description
2571	5/8" × 35/8"	For Class III, IV and V hitches with 2" and $21\!\!/2$ " square tubes. Includes plastic lock cover.



Part #	Pin Diameter x Usable Length	Description
375DAT	5%" × 3"	Fits Class III and IV hitches with 2" square tubes



T/TRIMAX

Part #	Pin Diameter x Usable Length	Description
MAG200	5/8" x 31/4"	Combination lock (no keys required), Fits Class III and IV hitches with 2" square tubes. Resettable combination. Rubber cover protects lock mechanism.



Part#	Pin Diameter x Usable Length	Description
63201	5/8" × 2 ³ /4"	J-pin lock. Fits Class III and IV with 2" square tubes and additional 17/32" hole in receiver tube



Keyed Alike Lock Sets

Part #	Pin Diameter x Usable Length	Description
2573	1/4" × 7/8" & 5/8 " × 2 ¹¹ /16"	Includes coupler latch and receiver hitch locks, keyed alike.



Part #	Pin Diameter x Usable Length	Description
1481 DA	9/32" & 5/8"	Includes coupler latch and receiver hitch locks, keyed alike.





Part #	Pin Diameter x Usable Length	Description
LL105	½" × ½" & ½" × 2½"	Stainless steel; Lifetime warranty; Includes coupler latch and receiver hitch locks, keyed alike.

Switches

Keyed Alike Lock Sets (Continued)





Part #	Pin Diameter x Usable Length	Description
2491	5/8" × 23/4" & 5/8" × 43/8"	For Rapid Hitch ball platform and 2" square receiver hitch
3492	5/8" × 31/4" & 5/8" × 43/8"	For Rapid Hitch ball platform and 2½" square receiver hitch



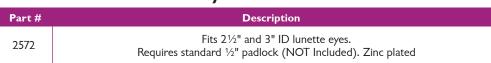
Part#	Description
3749DAT	Lock Sets contains one each: • #379 - 11%" & 2" Coupler Cavity Lock • #2847 - Coupler Latch Lock 1/32" x 1/8" Pin • #2854 - Receiver Lock fits both 1/8" (16mm) & 1/2" (13mm) receiver holes; 21/2" (64mm) long shackle • Heavy-duty nylon zippered carrying case



Part#	Description
	Lock Sets contains one each:
	• #379DAT Coupler Lock - For use when not trailer is not hooked up.
3794DAT	• #2866DAT Trailer Hitch Lock fits both $1\frac{1}{4}$ " x $1\frac{1}{4}$ " and 2" x 2" trailer hitches.
	• #2847DAT Trailer Stainless Steel Coupler Latch Lock - For use when trailer is in tow.
	Heavy duty nylon zippered carrying case



Lunette Eye/Draw Bar Locks





Part #	Description
TL60	Fits 2½" and 3" ID lunette eyes. Requires padlock (NOT Included). Aluminum construction with ¾" steel pin. Made in the USA. (Order #40DAT lock separately)



King Pin Locks

	3
Part #	Description
6007	2" standard king pins; Built-in lock cylinder



Buyers



Part #	Description
TL70	Requires padlock (NOT Included). Aluminum construction with ³ / ₄ " steel pin. Made in the USA. (Order #40DAT lock separately)





Gooseneck Coupler Locks

Part #	Description
TL50	Precision-made of aircraft aluminum and will not rust. It features a ³ / ₄ " heavy-duty steel locking pin. Fits Hammerblow, Stallion, Superior and T.E.M Gooseneck style couplers. (Padlock not included. Order lock #40DAT separately.)



Part #	Description
TL51	For use with Model TL-50. Secures the adjustable top part of coupler by covering bolt. Fits all gooseneck style round or square tube designs. (Padlock not included. Order lock #40DAT separately.)



Part #	Description
TL52	Deluxe Gooseneck Combo. #TL-53 consists of #TL-50 & TL-51. (Padlock not included. Order two locks #40DAT separately.)
TL53	Deluxe Gooseneck Combo. #TL-53 consists of #TL-50, TL-51 and two #40KADPF large padlocks in one convenient package.



Spare Tire Locks

Part#	Description
2508	Protect your rear-mounted spare tire against theft with this solid steel chrome-plated tire lock. Replaces one of the mounting bracket lug bolts to secure tire to carrier. Pickproof lock screws into $\frac{1}{2}$ " shaft, adjusts from $\frac{1}{4}$ " - $\frac{7}{8}$ " length. Includes 2 keys.



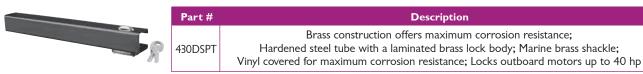
Part #	Description
2504	Heavy ½6" u-bolt secures tire on tongue or frame up to 3" wide. Holds 4 or 5 lug wheels. Will fit 8" thru 14" and most 15" wheels. Adjustable threaded brackets will hold padlock for security. Overall length 8¾". Thread length 3". Zinc plated. Display packaged.



Part #	Description
262 DAT	Solid zinc and steel construction; Chrome plated for corrosion resistance Locks over wheel studs up to %6" (14mm) diameter; For use only on non-operating spare tire



Outboard Motor Lock



Switches



SECTION

Trailer Wheel Locks

Part #
TWL100



FULTON°

Part#	Description
90510	Heavy-dutyHardened steel construction with case hardened steelrod.Prevent wheel rotation
90510-KA	Keyed alike Trailer Keeper Ideal for fleet trailers





Part#	Description
EZ300	 Easy to use - installs and removes in just seconds Lock is recessed into handle for greater security Heavy-duty plastic covers to protect rims Fits most 15" 205, 215, F78, H78 wheels Will fit some 13" and 14" wheels Fits most tires up to 91/4" wide Includes 1/2-20 locking lug nuts for added security Opens to 91/2" wide
EZ302	 New, larger size to fit todays larger trailer wheels/tires Easy to use - installs and removes in just seconds Lock is recessed into handle for greater security Heavy-duty plastic covers to protect rims Starts where the EZ300 leasves off Fits most 15" to 20" wheels Will fit some 13" and 14" wheels Fits most tires up to 10¾" wide Includes ½-20 locking lug nuts for added security Opens to 10½" wide



SLH 100





970DPF

Hidden Shackle Locks

Part #	Description		
970DPF	27/8" wide hardened steel body		
6271KA Keyed Alike	Protected shackle prevents prying, cutting and sawing Removable cylinder for replacement or repining		
SLH100	Solid Steel Hasp for use with 970 style locks; 9" (23cm)w x 4½" (11cm)h		
DL-80	Heavy-duty aircraft aluminum - will not rust. Convenient push-button lock. Hardened plated steel pin. Perimeter gasket to eliminate scratching and vibration noise. Covers the keeper hole used with regular padlocks. Covers the bolt head at the top and bottom for added security. Can be used vertical or horizontal. Pull ring for easy pin removal.		

Shielded Padlock

Part #	Description
40DAT	2 ³ / ₄ " (70mm) wide stainless steel body resists corrosion Hardened steel shackle for extra cut resistance
40KADPF Keyed Alike	Double deadbolt locking to guard against pulling Key retaining feature ensures padlock is not left unlocked Fully shielded shackle protects against bolt cutter attacks



Part #	Description
37KA	Amored hardened steel shackle defies cutting 1%" (40mm) laminated steel body for superior strength 4-pin tumbler cylinder helps prevent picking Shackle guard protects against bolt cutters and hacksaws

Master Lock Powers

Cable Locks

Part #	Description
8119DPF	5' (1.5m), 3%" (10mm) diameter cable Flexible braided steel cables for strong cut resistance Combination locking mechanisms for keyless convenience Set-your-own combination for convenience and security Protective coating helps prevent scratching and rusting



Part #	Description	
8423	6' (1.8m) x ¾" (10mm) Adjustable Locking Cable-KD	

DeadBoli⊡

Part #	Cable Size	Usable Length
2557	5/16"	10 ft.



Part #	Description	
614DAT	6' (1.8mm), ½" (6mm) diameter, steel cable No.141 covered brass 1½" (40mm) lock for corrosion resistance 6' cable length will accommodate most tires & general applications	













Part #

2860

2861

2862

2863

2864

2865

Switches

WLL: Working Load Limit is the maximum load (in pounds) which should ever be applied to any assembly, when the assembly is new and the load is uniformly applied in direct tension to a straight, untwisted assembly.

MBS: Minimum Breaking Strength is the minimum force required to cause the chain, accessory, or assembly to fail or become distorted and no longer usable. This figure should be used to determine the breaking strength of an item.

3/16"

1/4"

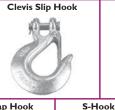
5/16"

7/16"

1/2"









Safety Snap Hook

S-Hook w/Safety Latch All safety ratio ratings (WLL) are the maximum safe load which the assembly should be subject to at any time.





3,000 lbs

4,000 lbs







Anchor Shackle (Galvanized)

Chain Size Pin Diameter WLL 667 lbs 5/16" 1,000 lbs 3/8" 1,500 lbs 2,000 lbs 1/2"

Drop forged 1045 steel. Hot galvanized and load rated. For joining welded chain attachments. Meets Federal Specs. #RR-C-271B, Type 4, Class 1.Pin=4130 Alloy

Quick Link (Zinc Plated)

Part #	Trade Size	Material Dia.	WLL
2849	3/16"	.195" (5mm)	610 lbs
2850	1/4"	.235" (6mm)	880 lbs
2851	5/16"	.313" (8mm)	1,540 lbs
2852	3/8"	.350" (9mm)	1,980 lbs
2853	7/16"	.395" (10mm)	2,200 lbs
2854	1/2"	.475" (12mm)	3,300 lbs

Fast, easy connection for permanent or temporary attachment. Use with low carbon chain only.

Clevis Slip Hook w/Safety Latch

System 4 High Test (Zinc Plated)

-/()				
Part #	Fits Chain Size	Pin Diameter	WLL	
2866	1/4"	.38"	1,950 lbs	
2867	5/16"	.44"	2,875 lbs	
2868	3/8"	.47"	4,000 lbs	
2869	1/2"	.63"	6,500 lbs	
2870	5/8"	.73"	8,000 lbs	

Drop forged carbon steel hook, heat treated. For use with System 3 Proof Coil or System 4 High Test.

Snap Hook (Zinc Plated)

	Part #	Fits Chain Size	Pin Diameter	WLL
	2879	3/16"	.195" (5mm)	105 lbs
l	2880	1/4"	.225" (6mm)	395 lbs
l	2881	5/16"	.305" (8mm)	507 lbs
l	2882	3/8"	.345" (9mm)	771 lbs
I	2883	1/5"	465" (12mm)	905 lbs

Fast, easy connection for permanent or temporary attachment. Use with low carbon chain only.

Grab Hook

System 7 Transport Grade (Zinc Plated)

	/ 1		,
Part #	Fits Chain Size	Pin Diameter	WLL
2843	1/4"	.38"	3,600 lbs
2844	5/16"	.44"	5,400 lbs
2845	3/8"	.47"	7,500 lbs
2846	1/2"	.63"	12,700 lbs

Drop forged, carbon steel hook, heat treated. Use w/System 3 Proof Coil or System 4 High Test.

S-Hook (Zinc Plated)

	Part #	Size	Class	WLL
1	2847	3/8"	ı	750 lbs
	2848	7/16"	II	1,250 lbs
	2855	17/32"	III	1,900 lbs

Heated treated, medium carbon steel. Designed to keep trailer connected to vehicle if hitch fails or comes uncoupled.

Safety Snap Hook

Part # Eye ID WLL **Finish** 2841 11/16" 4,000 lbs Zinc

S-Hook w/Safety Latch

Part #	Size	Class	WLL
2837	3/8"	I	750 lbs
2838	7/16"	II	1,250 lbs
2839	17/32"	III	1,900 lbs

Heated treated, medium carbon steel. Designed to keep trailer connected to vehicle if hitch fails or

"Safety Chains" are the flexible tension members connected from the front portion of the towed vehicle to the rear portion of the towing vehicle. Their purpose is to retain connection between towed and towing vehicle in the event of failure of the ball, socket, coupler, or hitch.

Specification: See Figure 1

Minimum Longitudinal Load, Tension, Pounds (See Figures 2 and 3)

Trailer Classification	Each Safety	Each of Two chain Attaching Means	Approximate Diameter of steel in link
Class 1	2,000	2,000	3/16"
Class 2	3,500	3,500	1/4"
Class 3	5,000	5,000	5/16"
Class 4 **	MGTW	MGTW	3/8 to 7/16"

Fig. I Safety Chain Specifications

*Load shown shall be applied in the same manner as would prevail if the trailer were being towed by the safety chain in a straight ahead direction. Safety chain, when formed, fastened or rigged as on the vehicles, shall withstand load shown without breaking, local marking, denting or gouging of the chain attaching means at the points of safety chain contact shall not be considered excessive distortion. The intent is that the chain attaching means shall have sufficient strength to break the safety chain consistently.

****MGTW** means the Maximum Gross Trailer Weight, pounds which is to be towed.

Attaching Means:

Safety chains must be connected to the front of the trailer or tongue, not to the coupler, by bolts or other devices. The minimum strength of these devices, including those which attach to the towing vehicle, must be equal to the maximum Gross Trailer Weight. No welding, torching, or machining operation shall be performed on the chain by the installer or the operator to attach it to the trailer.

Review the illustrations, Figure 2, "Typical Single Safety Chain Installation," and Figure 3, "Typical Double Safety Chain Installation", both the single and double chains must be crossed under the tongue. They must be oriented in such a manner as to prevent the tongue from dropping to the ground in the event of failure to the hitch, coupler or ball. The chains must be connected to the towing vehicle as that the slack for each length of chain, between the trailer and the towing vehicle, is the same and must have no more slack when in use than is necessary to permit proper turning of the vehicles. The forward end of the chain must be attached to the towing vehicle, not to the ball but to the hitch or other frame member. The chain must be looped around the member and hooked back into itself.





SECTION K

Fig. 2 Typical Single Safety Chain Installation

Chain - Proof Coil Grade 30

(Bulk Chain is ordered per foot)



	` '	
Part#	Description	WLL
13035	3/16" Zinc Plated Grade 30 Proof Coil Chain	750 lbs
13036	1/4" Zinc Plated Grade 30 Proof Coil Chain	1,250 lbs
13037	5/16" Zinc Plated Grade 30 Proof Coil Chain	1,900 lbs
13038	3/8" Zinc Plated Grade 30 Proof Coil Chain	2,650 lbs

Part #	Class Rating	Chain Size x Length	S-Hook w/Safety Latch
43233	I	³∕16" x 48"	2
43234	I	³∕16" × 54"	2
43235	II	½" x 48"	2
43254	II	½" × 54"	2
43236	III	⁵ /16" × 48"	2
43237	III	⁵ /16" × 54"	2

Part#	Capacity	Chain Size x Length	Forged Slip Hook
43239	15K	3/8" × 35"	1



Safety Chain AnchorSteel Rod Chain Anchor - Secure Safety Chains to Trailer Frames

	,
Part#	Description
SC38B	Safety Chain Mounting Bracket - ¾" x 4"
SC50B	Safety Chain Mounting Bracket - ½" x 6"
SC58B	Safety Chain Mounting Bracket - 5/8" x 81/4"

Safety Cable Assemblies

Sold in Pairs (Vinyl Coated)

Part #	Class Rating	Stretch Out Length	Hook
43240	I	24"	3/8"
43241	II	36"	3/8"
43243	III	36"	7/16"
2829DATSC	III	40"	7/16"
43246	IV	36"	1/2"
43247	V	36"	1/2"



Switches

WLL: Working Load Limit is the maximum load (in pounds) which should ever be applied to any assembly, when the assembly is new and the load is uniformly applied in direct tension to a straight, untwisted assembly.

All safety ratio ratings (WLL) are the maximum safe load which the assembly should be subject to at any time.



Lever Binders

Part #	Description	Chain Size	WLL
3675	Lever Chain Binder	1/4" - 5/16"	2,600 lbs
3676	Lever Chain Binder	5/16" - 3/8"	5,400 lbs



Part #	Description	Chain Size	WLL
3678	Ratchet Chain Binder	5/16" - 3/8"	5,400 lbs
3679	Ratchet Chain Binder	3/8" - 1/2"	9,200 lbs



Made from high carbon steel to provide greater tensile strength

Part #	Description	Chain Size	WLL
43253	Grade 43 High Test	³/8" × 20'	5,400 lbs
43252	Grade 70 Transport Chain	³ /8" × 20'	6,600 lbs



Tie-Down Assembly Usage Chart:

This chart is provided as a guide to meet the basic mini-mum current in service requirements of the FMCSA † and the DOT ‡ published Sept 27, 2002. The following table lists the minimum number of chain assemblies required to secure a load per DOT & CVSA $^{\$}$. This chart is only to be used as a reference.

*Many factors affect proper method of cargo securement including the cargo to be secured and the length of the cargo. Refer to the most recent revision of The Department of Transportation (DOT) Title 49 regulations for more complete requirements regarding the proper methods and number of tiedowns required.

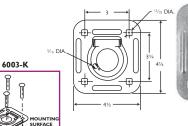
†**FMCSA:** Federal Motor Carrier Safety Admin

‡DOT: Department of Transportation

CVSA: The Commercial Vehicle Safety Alliance

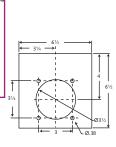
Chain Grade	Size		Net w	eight of c	argo to b	e secured	in lbs:	
		20,000	25,000	30,000	35,000	40,000	45,000	50,000
Alloy S8 - G80	5/16 3/8		0			-8 Alloy on or cargo		
	1/4	4	4	5	6	7	8	8
Transport	5/16	3	3	4	4	5	5	6
S7 - G70	3/8	2	2	3	3	4	4	4
	1/2	1	2	2	2	2	2	3
	1/4	4	5	6	7	8	9	10
High Test S4 - G43	5/16	3	4	4	5	6	6	7
34 - 643	3/8	2	3	3	4	4	5	5
Proof Coil S3 - G30	1/4 5/16 3/8	Due to low working load limits, S-3 Proof coil is not recommend for Transport tie- down or cargo securement.				nent.		

Pan Fittings w/Rings



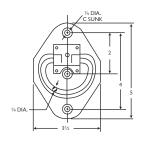


9	Part #	Description
	6003	Recessed Floor Ring; 5,000 lbs Break Strength
	6003-K	Recessed Ring with #801BP Packing Plate & Mounting Hardware



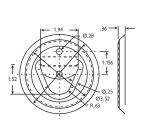


Part #	Description
801BP	Back Support Plate for #6003





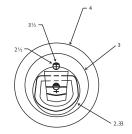
Part #	Description
6004	Recessed Floor Ring Requires 3" Dia. Ring
	1,200 lbs Break Strength







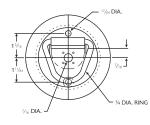
Part#	Description
	Surface Mounted or Recessed
6018	Recessed Rope Ring with Plastic Bezel
	600 lbs Break Strength





Part #	Description
6016	Surface Mounted Pan with ½" Dia. Ring. 800 lbs Break Strength. Zinc Plated

Surface Mounted Rope Ring





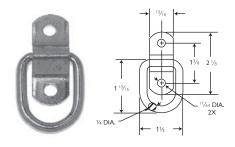
Flush Mount

Part #	Description
6017	Zinc Finish Standard
	Steel/Plastic Construction

Tires & Wheels

Bolt-On D-Ring Assemblies w/Attachment Clips

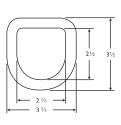
Part #	Description	WLL
6006	1/4" Welded D-Ring w/Bolt-on Clip 1,200 lbs Break Strength	400 lbs



Forged D-Ring Assemblies w/Weld-On Clips

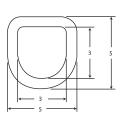
Part #	Description	WLL
6009	Forged ½" D-Ring Assembly w/Bolt-on Clip 12,000 lbs Break Strength	4,000 lbs





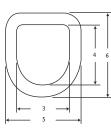
Part #	Description	WLL
6001	Forged 5%" D-Ring Assembly w/Weld-on Clip 19,000 lbs Break Strength	6,300 lbs



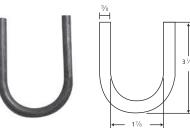


Part #	Description	WLL
6002	Forged 1" D-Ring Assembly w/Weld-on Clip (Long) 47,000 lbs Break Strength	15,600 lbs





Part #	Description	WLL
7115	3%" x $17%$ " x $31%$ " Tiedown Weld-on U-Bolt	-
7113	3%" x 15%" x 4½" Tiedown Weld-on U-Bolt	-



E-Track Straps



Part #	Binder	End Fittings	Length	Capacity
42487	Ratchet	E Clips	12'	1,500 lbs
42488	Ratchet	E Clips	16'	1,500 lbs
42501	Ratchet	E Clips	20'	1,500 lbs
42502	Over Center Cam	E Clips	12'	1,500 lbs



Part #	Description	WLL
42474	Rope Tie Off w/Springloaded E-Clip -10"	6,000 lbs

Logistic Track Fittings

Part #	Description	MBS	WLL
42499	E-Track Clip w/2" D-Ring	4,000 lbs	1,500 lbs

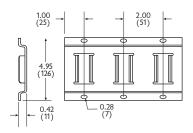
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Part #	Description	MBS	WLL
42500	E-Track Clip w/Ring	6,000 lbs	2,000 lbs



Series E or A Decking/Shoring Beam

Part #	Description
42.400	Wood Beam Socket
42490	(The rate capacity varies depending on lumber quality)



Series E Track

Part #	Description
42489	10 ft. Section of E-Track - Horizontal Mount
12 107	12- Gauge - Coated Steel

Switches

Weld-On Webbing Winches

Part #	Description
3634	Short - Side Mount Weld-on
3630	Standard - Under Mount Weld-on
3632	Deep - Storable Under Mount Weld-on / Slider

Weld-On Winches are designed to be permanently mounted to the trailer frame in a fixed position. **Slider Winches** can be located anywhere along the length of the slider track & will lock into position when tension is applied to the strap assembly.



Portable Webbing Winches

Part #	Description
3642	Standard Under Mount Portable with 3 Set Screws

Portable Webbing Winches provide a great deal of flexibility during application because they can be located anywhere along the outer rail channel, as long as they do not interfere with any other trailer components when the trailer is loaded or unloaded.



Lashing Webbing Winch

Part #	Description	WLL
3641	2" Lashing - Right Hand	3,335 lbs



Standard Winch Straps

Part #	Description Ratchet Capacity	
3636	2" x 15' with Snap Hook	15,000 lbs
3637	2" x 27' with Flat Hook	15,000 lbs
3639	3" x 27' with D-Ring 15,000 lbs	
3686	3" x 27' with Flat Hook 15,000 lbs	
3638	4" x 27', 20m Webbing, Flat Hook	15,000 lbs
3640	4" x 30', 20m Webbing, Flat Hook	15,000 lbs
3685	4" x 27' with Delta Ring	15,000 lbs



Winch Bar & Slider Track

Part #	Description	
3645	Chrome Knurled Combination Winch Bar	
Winch Bars feature knurling for both hands creating a slip resistant handle for safety. The winch bar tip shall be inserted through both holes in the winches end cap. Standard Winch Bars should never be used for tightening Chain Binders.		
1903040	1903040 Slider Winch Track - 1/4" formed steel; 72" length	







Ratchet Tie Down

Part#	Description	
42498	1" wide strap with vinyl coated double "J" hooks adjustable from4' to 15' and has a painted ratchet & cadmium plated gears.1,500 lbs.	
42496	1" strap features nylon web, rubber coated 3/8" metal hooks. A ratchet buckle for the ultimate in tightness. 15' Long.	
42480	1" nylon strap with rubber coated hooks & ratchet. 1,500 lbs load capacity. 15' long. 4 pack in retail clamshell.	
42476	1" nylon strap with rubber coated hooks & ratchet. 1,500 lbs load capacity. 6' long. 4 pack.	



Part #	Description
52591	Over-center lock transom tie-down strap; 2" x 2'; Sold in pairs

Heavy-Duty Cam Buckle Straps

Part #	Description	
42477	1" Strap, 5.5' Long; 1" Vinyl Coated S-Hook; 1 Pair	400 lbs
42479	1" Strap, 15' Long; 1" Vinyl Coated S-Hook	400 lbs

E-Track Ratchet Straps

Part #	Description	Capacity
42487	2" Wide, 12' Length; E-Clip (End Fittings); Yellow	1,500 lbs
42488	2" Wide, 16' Length; E-Clip (End Fittings); Grey	1,500 lbs
42501	2" Wide, 20' Length; E-Clip (End Fittings); Blue	1,500 lbs

Wheel Tiedowns (Ratchet Sold Separately)

Part #	Description	
3651-14	Fits 14" Standard Tire and Wheel Tiedown;1 Pair	
3651-15	Fits 15" Standard Tire and Wheel Tiedown;1 Pair	
3651-16	Fits 16" Standard Tire and Wheel Tiedown;1 Pair	
3651-R	R Ratchet only for Wheel Tiedowns - Sold Individually	









Long Handle Ratchet Strap Assemblies

Part #	Description	Ratchet Capacity
3682	4" x 27', Flat Hook	15,000 lbs



Extra Long Wide Handle Ratchet Strap Assemblies

Part #	Description	Ratchet Capacity
3657	2" x 15', Snap Hook	10,000 lbs
3659	2" x 15', Flat Hook	10,000 lbs
3655	2" × 27', Flat Hook	10,000 lbs
3636	2" x 15', Snap Hook - Replacement Strap O	nly - NO Ratchet
3689	2" x 15', Flat Hook - Replacement Strap Or	nly - NO Ratchet
3637	2" x 27', Flat Hook - Replacement Strap O	nly - NO Ratchet



Part #	Description	Ratchet Capacity
3683	2" x 27'; Double "J" wire hooks	10,000 lbs
3688	2" x 27'; Double "J" replacement strap o	nly - No Ratchet



Ratchet Buckles

Part #	Description	
3651-R	2" Standard Handle Ratchet; 11,000 lbs. Break Strength	

Part # Description	
3652	2" Extra Long Wide Handle Ratchet; 11,000 lbs. Break Strength













Stake Pockets

Part#	Size	Description
8015	15% x 31½" ID	3" High, Weld-on
8017	Pre-punched to attach with	n ½" or ¾6" bolts. Hot Dipped Galvanized

Slam Locks





	(A)		1
i			l
9			J,
-	80	27	

Part #	Hole Size	Lockable	Mounting Holes	Finish
8035	33/8" x 45/8"	Yes	No	Rustproof Steel
8036	33/8" x 45/8"	No	No	Rustproof Steel
8038	2 ³ / ₄ " × 3 ³ / ₄ "	Yes	No	Rustproof Steel
8037	2 ³ / ₄ " × 3 ³ / ₄ "	Yes	Yes	Stainless Steel

Part#	Description
8034	Replacement Cylinder and Key for #8035 Latch

Heavy-Duty Aluminum Door Holdback

Part#	Description
	Heavy-duty, die cast aluminum construction;
DH304	4" hook length; Keeper features spring-loaded latch mechanism

Rack Connector Set

Straight Stake

C: (1):>
LEFT
RIGHT

Part #	Description
8031	7" overall length, $1\frac{1}{32}$ " holes, formed from $2\frac{1}{2}$ " x $3\frac{1}{16}$ " stock One set consists of 4 pieces : (1) L.H. pair and (1) R.H. pair

Corner Stake



Part #	Description
8032	3¾" overall length to inside of angle with ½2" holes formed from 2½" x ¾6" stock One set consists of 4 pieces: (1) L.H. pair and (1) R.H. pair

Switches

Spring Latches

Part#	Description	Note
L2595	$\frac{1}{2}$ " pin extends 1" past bracket $\frac{1}{2}$ " x $\frac{1}{4}$ " mounting pattern for $\frac{1}{4}$ " bolts	 Spring loaded bolt can be locked in the open position. Turning lever allows the bolt to close under spring pressure. Zinc plated bolt, housing and keeper.

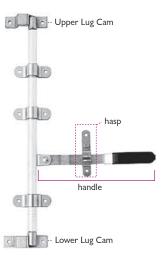


Part #	Description
43027	For boat, snowmobile, or utility trailers that tilt. Holds tilt bed securely while towing. Zinc plated handle, spring, and latch for maximum corrosion resistance. Unassembled. • ½" 4-way Plunger • Weld-on • Reverse Handle



Door Latch Kit

Part #	Description
43010	Zinc Plated Cam Action Door Latch Kit (¾" pipe NOT included)
43010-1	Hasp Only
43010-2	Handle Only



Door Handles

Part #	Description
	"L" type door handle; Chrome plated handles rotate full 360°
43030	Can be locked in 4 positions spaced 90° apart
	Shaft is standard 5/16" square C-C of mounting hole 11/2"
	"T" Type door handle; Outside surface mount; Chrome plated;
43031	Full 360° rotation; 5/16" square shaft 11/2" center to center mounting holes;
	Can be locked in 4 positions spaced 90° apart

Note: Door Handle Cam Must Be Ordered Separately



Door Handle Cam

Part #	Description
43032	2" Door handle cam; Zinc plated steel with set screw to secure to 5/16" shaft.
	For use with #43030 and 43031

