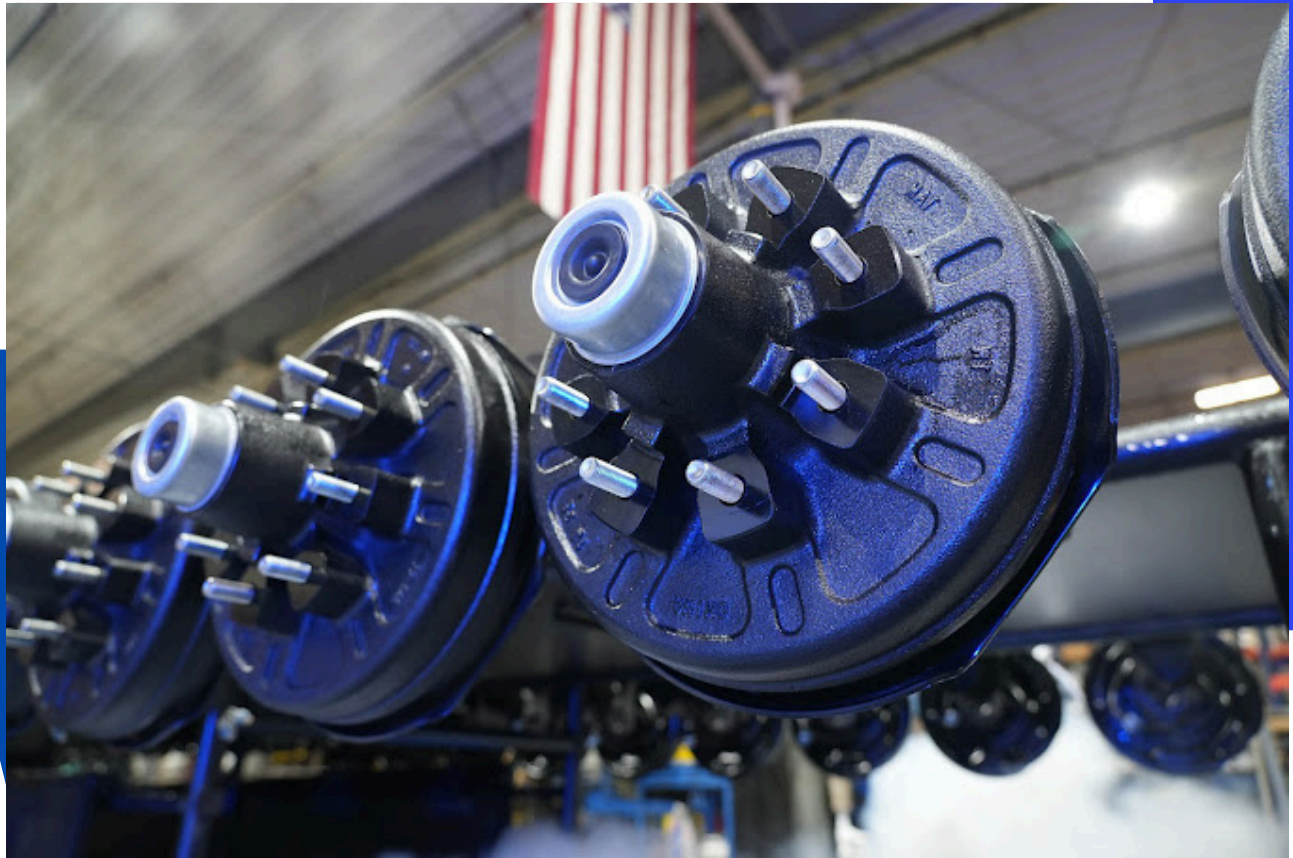




Built For The Long Haul





About Blueswift Axles

It all started in 1927, when Holt Service Station first opened its doors in Des Moines, Iowa. What began as a small, family-run auto repair shop quickly earned a reputation for honest work, skilled craftsmanship, and a commitment to keeping vehicles on the road.

As the years passed, we recognized a growing need beyond cars—trailers needed servicing too. We expanded into trailer repair, helping hardworking folks keep their utility, cargo, boat, and camper trailers in top shape. But there was a problem: finding high-quality trailer axles and parts with short lead times was nearly impossible.

That's when BlueSwift Axles was born. With decades of experience under our belt, we set out to provide top-tier trailer axles and parts that are built to last and delivered fast. Today, BlueSwift Axles is still family-owned and operated, driven by the same values that started it all nearly a century ago: quality, reliability, and a commitment to keeping you on the road.

TABLE OF CONTENTS

SPRING TRAILER AXLES

DIAGRAMS & MEASUREMENTS	6
STRAIGHT SPRING AXLES	7
DROP SPRING AXLES	7

TORSION TRAILER AXLES

DIAGRAMS & MEASUREMENTS	8
TORSION TRAILER AXLES	8

BEARINGS, RACES, AND SEALS

BEARINGS	10
RACES	10
GREASE SEALS	10
BUSHINGS	10
DUST CAPS AND PLUGS	10
LUG NUTS	11
NUTS, WASHERS, COTTER PINS	11
U-BOLT KITS	11
U-BOLTS AND TIE PLATES	11

BRAKES AND ACCESSORIES

ELECTRIC BRAKES	12
HYDRAULIC BRAKES	13

AG HUB AND PARTS

AG HUBS	14
AG SPINDLES	14
AG HUB PARTS	14

SPINDLES

SPINDLES	14
----------------	----

IDLER HUBS AND BRAKE DRUMS

IDLER HUBS	16
BRAKE DRUMS	16

SPRINGS

DOUBLE EYE.....	17
SLIPPER.....	17
SPRING PADS.....	17
SPRING DIAGRAMS.....	6

TRAILER COMPONENTS

BREAKAWAY KITS.....	18
ACCESSORIES.....	18
SAFETY CHAINS.....	18

COUPLERS AND ACCESSORIES

ADJUSTABLE COUPLERS.....	19
ADJUSTABLE COUPLER CHANNELS.....	19
STRAIGHT TONGUE COUPLERS.....	19
A-FRAME COUPLERS.....	19
COUPLERS ACCESSORIES.....	19
DRAWBARS.....	20
KINGPIN.....	20
TRAILER NOSE PLATES.....	20
CLEVIS HITCH.....	20
PINTLE EYE/LUNETTE EYE.....	20
GOOSENECK COUPLERS.....	20
LATCH LOCK.....	20

DOOR ACCESSORIES

DOOR ACCESSORIES.....	21
-----------------------	----

TIE DOWNS

D-RINGS.....	21
ROPE RINGS.....	21
RECESSED ROPE RING.....	21

JACKS AND ACCESSORIES

JACKS.....	22
MARINE JACKS.....	22
JACK ACCESSORIES.....	23

LIGHTS

INCANDESCENT.....	23
LED.....	24
LIGHT ACCESSORIES.....	24

STAKE POCKETS

STAKE POCKETS.....	24
--------------------	----

SUSPENSION COMPONENTS

EQUALIZERS.....	25
HANGERS.....	25
HANGER KITS.....	25
SUSPENSION HARDWARE.....	25
SHACKLE STRAPS.....	25

RECEIVER TUBES

RECEIVER TUBES.....	26
---------------------	----

HANGER KITS

HANGER KITS.....	25
TANDEM SLIPPER HANGER KIT.....	26
TANDEM DOUBLE EYE HANGER KIT.....	26
SINGLE DOUBLE EYE HANGER KIT.....	26

WIRING

WIRING DIAGRAMS.....	27
BONDED WIRE DIAGRAMS.....	27
BONDED WIRE.....	28
SINGLE WIRE.....	28
TRAILER PLUGS.....	29
TRAILER PLUG ACCESSORIES.....	29

INDEX

INDEX.....	30
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SPRING TRAILER AXLES

DIAGRAMS & MEASUREMENTS



SPRING TYPE



SPRING PADS





STRAIGHT SPRING AXLES

	OVERHANG RESTRICTIONS		
CAPACITY	MIN. WITH IDLER	MIN. WITH BRAKE	MAXIMUM
2,000 LBS.	10"	N/A	15"
3,500 LBS.	10"	10"	18"
5,200 LBS.	13"	13"	18"
6,000 LBS.	13"	13"	18"
7,000 LBS.	13"	13"	18"
8,000 LBS.	16"	16"	19"



DROP SPRING AXLES

	OVERHANG RESTRICTIONS		
CAPACITY	MIN. WITH IDLER	MIN. WITH BRAKE	MAXIMUM
3,500 LBS.	14"	14"	18"
5,200 LBS.	16"	16"	19"
6,000 LBS.	16"	16"	19"
7,000 LBS.	16"	16"	18"

TORSION TRAILER AXLES

DIAGRAMS & MEASUREMENTS



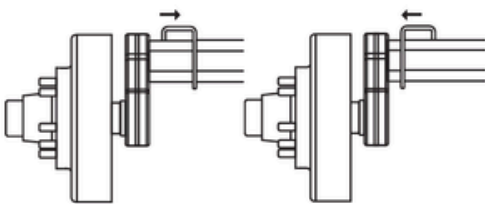
TORSION TRAILER AXLES

	OVERHANG RESTRICTIONS		
CAPACITY	MIN. OVERHANG	MAX. OVERHANG	MIN. HUB FACE
2,000 LBS.	12.5"	22"	46
3,500 LBS.	13.5"	24"	46"
5,200 LBS.	14.5"	24"	50"
6,000 LBS.	14.5"	24"	50"
7,000 LBS.	15"	30"	50"
8,000 LBS.	18"	43"	70"

BRACKET ORIENTATION

LONG LEG IN

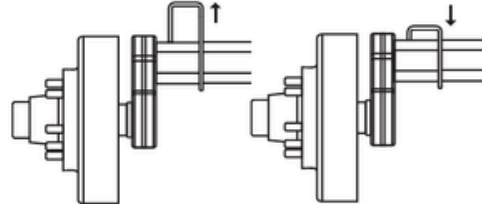
LONG LEG OUT



BRACKET PROFILE

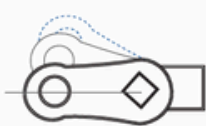
HIGH PROFILE

LOW PROFILE



TRAILING ARM ANGLES

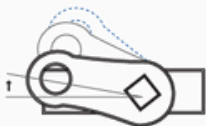
0° LEVEL



22.5° UP



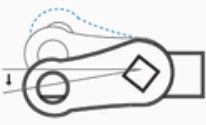
10° UP



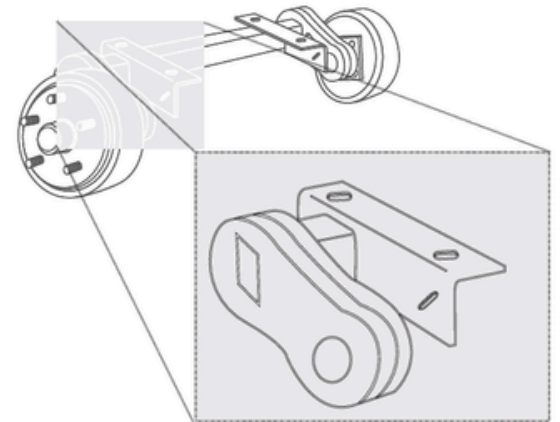
22.5° DOWN






10° DOWN



45° DOWN



-  **SHOCK LOAD**
POSITION OF ARM AT HIGH SHOCK
-  **FULL LOAD**
POSITION OF ARM WITH FULL CAPACITY
-  **NO LOAD**
POSITION OF ARM WITH NO LOAD

BEARINGS, RACES, AND SEALS

BEARINGS

P/N	FITS SPINDLE	MEASUREMENT
31-25580	UT42/7K	1.75" x 2.875"
31-14125A	UT42/7K	1.25" x 2.717"
31-15123	UT42/6K	1.25" x 2.441"
31-L68149	TT84/3.5K	1.378" x 2.362"
31-L44649	TT84/BT16/2.2K	1.063" x 1.98"
31-L44643	BT8/1-2K	1" x 1.98"
31-LM67048	35-6/AG	1.25" x 2.328"
31-02475	7K/8K	1.25" x 2.688"
31-387A	8K/10K	2.25" x 3.813"

RACES

P/N	FITS BEARING
31-02420	02475
31-382A	387A
31-25520	25580
31-14276	14125A
31-15245	15123
31-L68111	L68149
31-L44610	L44643 / L44649

GREASE SEALS

P/N	FITS SPINDLE	DESCRIPTION
31-12192TBG	BT8/1-2K	DOUBLE LIP 1.125" x 1.983"
31-15192TBG	BT16/2.2K	DOUBLE LIP 1.5" x 1.987"
31-171255TBG	TT84/3.5K	DOUBLE LIP 1.719" x 2.565"
31-21333TBG	UT42	DOUBLE LIP 2.125" x 3.375"
31-22333TBG	UT42/5.2-7K	DOUBLE LIP 2.25" x 3.376"

BUSHINGS

P/N	DESCRIPTION
31-1-3/4BUSHING	1 3/4" FOR 9/16" BOLT SPRING, NYLON
31-2BUSHING	2" FOR 9/16" BOLT SPRING, NYLON

DUST CAPS AND PLUGS

P/N	DESCRIPTION
31-DC200	PLAIN LUBE 1.98" 2-3.5K
31-DC250	PLAIN LUBE 2.44" 5.2-6K
31-DC275	PLAIN LUBE 2.717" 7K
31-DC-200L	EASY LUBE 1.98" 2-3.5K
31-DC-250L	EASY LUBE 2.44" 5.2-6K
31-DC-275L	EASY LUBE 2.717" 7K
31-DC-RP	RUBBER PLUG FOR EASY LUBE CAP 2-7K

DUST CAPS AND PLUGS CONTINUED

31-K71-138	OIL CAP KIT (RUBBER PLUG, O-RING, CLEAR OIL CAP 8K)
31-K183772	OIL CAP KIT (RUBBER PLUG, O-RING, BLACK OIL CAP 10-12K)
31-K1837721	OIL CAP KIT (RUBBER PLUG, O-RING, CLEAR OIL CAP 10-12K)
31-K71-148	OIL CAP KIT (RUBBER PLUG, O-RING, CLEAR OIL CAP 10-15K)

LUG NUTS

P/N	TYPE	SIZE	LENGTH	O.D. HEX	FINISH
31-4756	OPEN CONE	1/2"-20	N/A	3/4"	ZINC
31-4756-1	OPEN CONE	9/16"-18	N/A	7/8"	ZINC
95-4135	OPEN CONE	5/8"-18	N/A	13/16"	ZINC
95-4130	OPEN CONE	1/2"-20	N/A	13/16"	ZINC
95-4040	CONE	9/16"-18	1.88"	7/8"	3010HD, CHROME
95-4035	CONE	9/16"-18	2.40"	7/8"	3210HD, CHROME
95-4020	CONE	1/2"-20	1"	3/4"	1954BK, BLACK
95-4010	CONE	1/2"-20	1"	3/4"	1954HD, CHROME
95-4005	CONE	1/2"-20	1"	3/4"	1904SS, STAINLESS STEEL
95-4030	CONE	1/2"-20	1.5"	3/4"	1954LHD, CHROME

NUTS, WASHERS, COTTER PINS

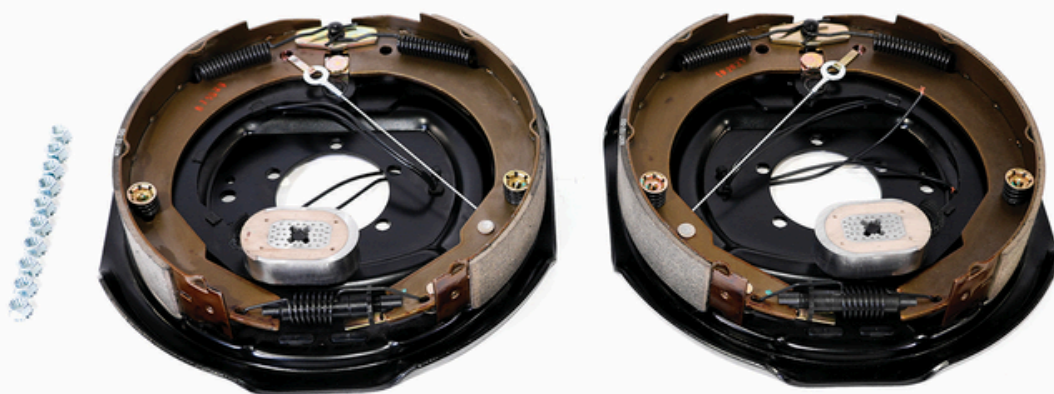
P/N	SIZE	TYPE	DESCRIPTION
31-12FHCLNZ	1/2"-20	CENTER LOCK NUT	ZINC PLATED
31-716HNG5P	7/16"-20	HEX NUT	GRADE 5 PLAIN
31-38FHKNZ	3/8"-24	HEX KEPS NUT	ZINC PLATED
31-4754	1 1/4"	HEX JAM NUT	SLOTTED PLAIN
31-4750-KIT	3/4"	KIT	JAM NUT, WASHER, AND COTTER PIN
31-4753-D	1"	D-WASHER	SPINDLE ROUND D FLAT
31-4753	1"	WASHER	SPINDLE ROUND PLAIN
31-TANG	1"	TANG WASHER	RAW
31-4755	1/8" x 1 3/4"	COTTER PIN	ZINC PLATED

U-BOLT KITS

P/N	CAPACITY
31-4205	2K
31-4202	3.5K
31-4201	5.2-7K

U-BOLTS AND TIE PLATES

P/N	CAPACITY	DESCRIPTION
31-4205-1Z	2,000 LBS.	U-BOLT, CLEAR ZINC
31-4205-2Z	2,000 LBS.	U-BOLT PLATE, CLEAR ZINC
31-4202-1Z	3,500 LBS.	U-BOLT, CLEAR ZINC
31-4202-2Z	3,500 LBS.	U-BOLT PLATE, CLEAR ZINC
31-4201-1Z	5,200-7000 LBS.	U-BOLT, CLEAR ZINC
31-4201-2Z	5,200-7000 LBS.	U-BOLT PLATE, CLEAR ZINC



BRAKES AND ACCESSORIES

ELECTRIC BRAKES

P/N	SIZE	SIDE	DESCRIPTION
31-5140	7" x 1 1/2"	LEFT	SELF ADJUSTING 2K
31-5141	7" x 1 1/2"	RIGHT	SELF ADJUSTING 2K
31-5100	10" x 2 1/4"	LEFT	3.5K
31-5101	10" x 2 1/4"	RIGHT	3.5K
31-5100-SA	10" x 2 1/4"	LEFT	SELF ADJUSTING 3.5K
31-5101-SA	10" x 2 1/4"	RIGHT	SELF ADJUSTING 3.5K
31-5150SA	10" x 2 1/4"	LEFT	SELF ADJUSTING 4.4K
31-5151SA	10" x 2 1/4"	RIGHT	SELF ADJUSTING 4.4K
31-5110	12" x 2"	LEFT	5.2K-7K
31-5111	12" x 2"	RIGHT	5.2K-7K
31-5110SA	12" x 2"	LEFT	SELF ADJUSTING 5.2K-7K
31-5111SA	12" x 2"	RIGHT	SELF ADJUSTING 5.2K-7K
31-5120	12 1/4" x 3 3/8"	LEFT	SELF ADJUSTING 8K 4-HOLE
31-5121	12 1/4" x 3 3/8"	RIGHT	SELF ADJUSTING 8K 4-HOLE
31-B1210E-11	12 1/4" x 3 3/8"	LEFT	SELF ADJUSTING 10K-12K 7-HOLE
31-B1210E-12	12 1/4" x 3 3/8"	RIGHT	SELF ADJUSTING 10K-12K 7-HOLE
31-5130	12 1/4" x 5"	LEFT	SELF ADJUSTING 15K 7-HOLE
31-5131	12 1/4" x 5"	RIGHT	SELF ADJUSTING 15K 7-HOLE



HYDRAULIC BRAKES

P/N	SIZE	SIDE	DESCRIPTION
31-5100-HF	10" x 2 1/4"	LEFT	HYDRAULIC, FREE BACKING
31-5101-HF	10" x 2 1/4"	RIGHT	HYDRAULIC, FREE BACKING
31-5110-HF	12" x 2"	LEFT	HYDRAULIC, FREE BACKING
31-5111-HF	12" x 2"	RIGHT	HYDRAULIC, FREE BACKING
31-5120-HF	12 1/4" x 3 3/8"	LEFT	HYDRAULIC, FREE BACKING 8K 4-HOLE
31-5121-HF	12 1/4" x 3 3/8"	RIGHT	HYDRAULIC, FREE BACKING 8K 4-HOLE

DISC BRAKES BY SPECIAL ORDER ONLY.

AG HUB AND PARTS

AG HUBS

P/N	HUB COMPATIBILITY	PART TYPE	DESCRIPTION
31-5690	80-8	HUB	COMPLETE ASSEMBLY
31-5635	35-6	HUB	COMPLETE ASSEMBLY

AG SPINDLES

P/N	HUB COMPATIBILITY	PART TYPE	DESCRIPTION
31-5685	80-8	SPINDLE	3" ROUND BAR STOCK, 16" OVERALL LENGTH, NUT, WASHER AND COTTER PIN
31-5600	35-6	SPINDLE	2" ROUND BAR STOCK, 15" OVERALL LENGTH, NUT, WASHER AND COTTER PIN

AG HUB PARTS

P/N	HUB COMPATIBILITY	PART TYPE
31-AG-WS1500Z	80-8	5/8" WHEEL STUD
31-AG-GS37562750	80-8	SEAL
31-AG-FA-SW1055	80-8	WASHER
31-AG-FA-SN1000	80-8	CASTLE NUT
31-AG-FA-CP205	80-8	COTTER PIN
31-JLM-506849	80-8	INNER BEARING
31-JLM-506810	80-8	INNER RACE
31-LM-501349	80-8 / 35-6	BEARING
31-LM-501310	80-8 / 35-6	OUTER RACE
31-AG-WN91618Z	35-6	WHEEL NUT
31-AG-GS-30662000SL	35-6	SEAL
31-AG-DC-244Z	35-6	DUST COVER
31-LM67048	35-6	OUTER BEARING
31-LM67010	35-6	OUTER RACE

SPINDLES

SPINDLES

P/N	LENGTH	CAPACITY	DESCRIPTION
31-R104BT8	8.25"	1,250 LBS.	BT8 SPINDLE PLAIN
31-R104BT16	8.25"	1,250 LBS.	BT16 SPINDLE PLAIN
31-R20484	8.25"	1,750 LBS.	TT84 SPINDLE PLAIN
31-R20484-FPL	8.25"	1,750 LBS.	TT84 SPINDLE LUBED FLANGED
31-R20684	10.75"	1,750 LBS.	TT84 SPINDLE PLAIN
31-R20684EZ	10.75"	1,750 LBS.	TT84 SPINDLE LUBED
31-R40642	11"	3,500 LBS.	UT42 SPINDLE 2" OVERALL DIAMETER
31-R40642EZ	11"	3,500 LBS.	UT42 SPINDLE 2" OVERALL DIAMETER
31-R50642	11"	3,500 LBS.	UT42 SPINDLE 2 1/4" OVERALL DIAMETER
31-R50642EZ	11"	3,500 LBS.	UT42 SPINDLE 2 1/4" OVERALL DIAMETER



DURATEK'S CUSTOM MADE GREASE PRESS



A FULLY GREASED DURATEK HUB

Fully greased hubs to keep moisture out and prevent bearing failure.



IDLER HUBS AND BRAKE DRUMS

IDLER HUBS

P/N	AXLE CAPACITY	BOLT PATTERN	STUD SIZE	DESCRIPTION
31-H100	2K	4"-4.0"	1/2"-20	IDLER HUB, CUPPED AND STUDDED
31-H150	2K	5"-4.5"	1/2"-20	IDLER HUB, CUPPED AND STUDDED
31-H545	3.5K	5"-4.5"	1/2"-20	IDLER HUB, CUPPED AND STUDDED
31-H5475	3.5K	5"-4.75"	1/2"-20	IDLER HUB, CUPPED AND STUDDED
31-H550	3.5K	5"-5.0"	1/2"-20	IDLER HUB, CUPPED AND STUDDED
31-H655	3.5K	6"-5.5"	1/2"-20	IDLER HUB, CUPPED AND STUDDED
31-H1206	6K	6"-5.5"	1/2"-20	IDLER HUB, CUPPED AND STUDDED
31-H1208	7K	8"-6.5"	1/2"-20	IDLER HUB, CUPPED AND STUDDED
31-H-865-27	7K	8"-6.5"	9/16"-18	IDLER HUB, CUPPED AND STUDDED
31-H-865-27	7K	8"-6.5"	9/16"-18	IDLER HUB, CUPPED AND STUDDED



BRAKE DRUMS

P/N	AXLE CAPACITY	BOLT PATTERN	STUD SIZE	DESCRIPTION
31-HD545	3.5K	5"-4.5"	1/2"-20	BRAKE DRUM 10", CUPPED AND STUDDED
31-HD5475	3.5K	5"-4.75"	1/2"-20	BRAKE DRUM 10", CUPPED AND STUDDED
31-HD550	3.5K	5"-5.0"	1/2"-20	BRAKE DRUM 10", CUPPED AND STUDDED
31-HD655	3.5K	6"-5.5"	1/2"-20	BRAKE DRUM 10", CUPPED AND STUDDED
31-HD1206	6K	6"-5.5"	1/2"-20	BRAKE DRUM 12", CUPPED AND STUDDED
31-HD1208	7K	8"-6.5"	1/2"-20	BRAKE DRUM 12", CUPPED AND STUDDED
31-HD1208-9/16	7K	8"-6.5"	9/16"-18	BRAKE DRUM 12", CUPPED AND STUDDED
31-BD2-865-17-8	8K	8"-6.5"	5/8"	NARROW BRAKE DRUM 12", CUPPED AND STUDDED
31-BD-86580-36-30	8K	8"-6.5"	9/16"	WIDE BRAKE DRUM 12 1/4", CUPPED AND STUDDED
31-BD-86580-56-30	8K	8"-6.5"	5/8"-18	WIDE BRAKE DRUM 12 1/4", CUPPED AND STUDDED
31-BD-86510-16-24	10K	8"-6.5"	5/8"-18	GENERAL DUTY BRAKE DRUM 12 1/4", YELLOW ZINC, CUPPEDAND STUDDED



SPRINGS

DOUBLE EYE

P/N	LEAF QUANTITY	CAPACITY	TYPE	DESCRIPTION
31-5015-2	2 LEAF	500 LBS.	DOUBLE EYE	26" EYE-TO-EYE, 1 3/4" WIDE
31-72-23	3 LEAF	1,500 LBS.	DOUBLE EYE	25 1/4" EYE-TO-EYE, 1 3/4" WIDE
31-SW4B	4 LEAF	1,750 LBS.	DOUBLE EYE	25 1/4" EYE-TO-EYE, 1 3/4" WIDE
31-SW4	4 LEAF	2,500 LBS.	DOUBLE EYE	25 1/4" EYE-TO-EYE, 1 3/4" WIDE
31-SW5	5 LEAF	2,950 LBS.	DOUBLE EYE	25 1/4" EYE-TO-EYE, 1 3/4" WIDE
31-SW6	6 LEAF	3,500 LBS.	DOUBLE EYE	25 1/4" EYE-TO-EYE, 1 3/4" WIDE
31-72-27	6 LEAF	3,500 LBS.	DOUBLE EYE	24 7/8" EYE-TO-EYE, 1 3/4" WIDE
31-72-22	3 LEAF	1,250 LBS.	DOUBLE EYE	25 1/4" EYE-TO-EYE, 1 3/4" WIDE

SPRING DIAGRAMS PG 6



SLIPPER

P/N	LEAF QUANTITY	CAPACITY	TYPE	DESCRIPTION
31-WIE3	3 LEAF	750 LBS.	SLIPPER	24 1/4" FREE LENGTH HOOK END, 1 3/4" WIDE
31-E5226	5 LEAF	3,400 LBS.	SLIPPER	26 1/2" FREE LENGTH HOOK END, 2" WIDE
31-E5115	6 LEAF	4,300 LBS.	SLIPPER	29 1/2" FREE LENGTH HOOK END, 2" WIDE
31-1203T3	5 LEAF	3,500 LBS.	SLIPPER	26 1/8" FREE LENGTH HOOK END, 2" WIDE
31-1403T3	7 LEAF	4,000 LBS.	SLIPPER	26 1/8" FREE LENGTH HOOK END, 2" WIDE

SPRING DIAGRAMS PG 6

SPRING PADS

P/N	AXLE DIAMETER	APPLICATION
31-2KPAD	1 3/4"	2K
31-3.5KPAD	2 3/8"	3.5K
31-5.2-7KPAD	3"	5.2-7K
31-8KPAD	3 1/2"	8K

SPRING PAD DIAGRAMS PG 6

TRAILER COMPONENTS

BREAKAWAY KITS

P/N	BOX LOAD	CHARGER	LED TEST LIGHT
31-86171	FRONT	YES	YES
31-86172	TOP	YES	YES
31-86113	FRONT	YES	NO
31-20100	FRONT	YES	YES
31-20119	FRONT	YES	YES

ACCESSORIES

P/N	COMPATIBILITY	DESCRIPTION
31-2051	ENGAGER BREAKAWAY KIT	BREAKAWAY BOX, TOP LOAD
31-20010	ENGAGER BREAKAWAY KIT	SWITCH ONLY
31-20051	ENGAGER BREAKAWAY KIT	CABLE AND PIN ONLY
31-20107	ENGAGER BREAKAWAY KIT	MOUNTING BRACKET
31-D5741	UPG BREAKAWAY KIT	BATTERY 12V, 5 AMP
31-D2901	UPG BREAKAWAY KIT	SWITCH ONLY



SAFETY CHAINS

SAFETY CHAINS

P/N	DIA.	LENGTH	GRADE	CAPACITY	DESCRIPTION
31-SC1427	1/4"	27"	GR30	5,200 LBS.	S-HOOK WITH SAFETY LATCH
31-SC1430-G43	1/4"	30"	GR43	7,800 LBS.	CLEVIS HOOK WITH SAFETY LATCH
31-SC1448	1/4"	48"	GR30	5,200 LBS.	DOUBLE S-HOOK WITH SAFETY LATCH
31-SC1454	1/4"	54"	GR30	5,200 LBS.	DOUBLE S-HOOK WITH SAFETY LATCH
31-SC1460	1/4"	60"	GR30	5,200 LBS.	DOUBLE S-HOOK WITH SAFETY LATCH
31-SC31627	3/16"	27"	GR30	3,500 LBS.	S-HOOK WITH SAFETY LATCH
31-SC31648	3/16"	48"	GR30	3,200 LBS.	DOUBLE S-HOOK WITH SAFETY LATCH
31-SC51630	5/16"	30"	GR30	7,600 LBS.	S-HOOK WITH SAFETY LATCH
31-SC51635-G43	5/16"	35"	GR43	11,700 LBS.	CLEVIS HOOK WITH SAFETY LATCH
31-SC3835-G43	3/8"	35"	GR43	16,200 LBS.	CLEVIS HOOK WITH SAFETY LATCH
31-SC3835-G70	3/8"	35"	GR70	26,400 LBS.	CLEVIS HOOK WITH SAFETY LATCH

COUPLERS AND ACCESSORIES

ADJUSTABLE COUPLERS

P/N	BALL SIZE	CAPACITY	FINISH	DESCRIPTION
31-CTA-100	2"	8,000 LBS.	PAINTED	ADJUSTABLE COUPLER, STAMPED, INCLUDES HARDWARE
31-0091540BULK	2"	10,000 LBS.	CAST	ADJUSTABLE COUPLER
31-CTA-296	2 5/16"	12,500 LBS.	PAINTED	ADJUSTABLE COUPLER, SLEEVE LOCK, INCLUDES HARDWARE
31-CTA-400	2 5/16"	14,000 LBS.	PAINTED	ADJUSTABLE COUPLER, STAMPED, INCLUDES HARDWARE
31-CTA-400-CB6	2 5/16"	14,000 LBS.	PAINTED	ADJUSTABLE COUPLER, INCLUDES HARDWARE AND CHANNEL
31-CTA-280	2 5/16"	15,000 LBS.	CAST	ADJUSTABLE COUPLER, INCLUDES HARDWARE
31-0091550BULK	2 5/16"	15,000 LBS.	CAST	ADJUSTABLE COUPLER
31-0091558	2 5/16"	15,000 LBS.	CAST	4 HOLE, BOLT-ON

ADJUSTABLE COUPLER CHANNELS

P/N	DESCRIPTION
31-CTA-CB4	CHANNEL, 4 HOLE 3 POSITION
31-CTA-CB6	CHANNEL, 6 HOLE 5 POSITION
31-CTA-CB126	CHANNEL, 6 HOLE 5 POSITION, HEAVY DUTY
31-B9912	CHANNEL, 6 HOLE 5 POSITION, INCLUDES GUSSETS

STRAIGHT TOUNGUE COUPLERS

P/N	BALL SIZE	CAPACITY	FINISH	DESCRIPTION
31-CT-2001-Z-CTN	1 7/8"	2,000 LBS.	ZINC	TOP LATCH, STAMPED, 2" CHANNEL
31-CT-3001-0	2"	3,500 LBS.	OILY	TOP LATCH, STAMPED, 2" CHANNEL
31-CT-3001-Z-CTN	2"	3,500 LBS.	ZINC	TOP LATCH, STAMPED, 2" CHANNEL
31-CT-3002-0	2"	3,500 LBS.	OILY	TOP LATCH, STAMPED, 2.5" CHANNEL
31-CT-3003-0	2"	3,500 LBS.	OILY	TOP LATCH, STAMPED, 3" CHANNEL

A-FRAME COUPLERS

P/N	BALL SIZE	CAPACITY	FINISH	DESCRIPTION
31-CA-5100-0	2"	5,000 LBS.	OILY	TOP LATCH, STAMPED, 50° A-FRAME
31-CA-5196-B	2"	7,000 LBS.	PAINTED	FORGED SLIP COLLAR, HIGH PROFILE LATCH, 50° A-FRAME
31-CA-5210-B	2"	8,000 LBS.	PAINTED	EXTERIOR YOKE, HELMET, STAMPED, 50° A-FRAME
31-CA-5296-B	2 5/16"	12,500 LBS.	PAINTED	FORGED SLIP COLLAR, HIGH PROFILE LATCH, 50° A-FRAME
31-CA-5400-0	2 5/16"	14,000 LBS.	OILY	TOP LATCH, STAMPED, 50° A-FRAME
31-CA-5400-Z	2 5/16"	14,000 LBS.	ZINC	TOP LATCH, STAMPED, 50° A-FRAME

COUPLERS ACCESSORIES

P/N	FINISH	DESCRIPTION
31-PM8702	RAW	GUSSET
31-B9020	ZINC	5/8"-11 x 4 1/2", BOLT AND NUT KIT
31-B9021	ZINC	5/8"-11 x 5", BOLT AND NUT KIT

DRAWBARS

P/N	CAPACITY	DESCRIPTION
31-BDB125015	42,000 LBS.	2.5" INNER DIAMETER, 4-BOLT FORGED DRAWBAR
31-BDB1385	60,000 LBS.	3" INNER DIAMETER, 4-BOLT HEAVY DUTY FORGED DRAWBAR

KINGPIN

P/N	DESCRIPTION
31-KP20038	2" FORGED SAE KINGPIN

TRAILER NOSE PLATES

P/N	DESCRIPTION
31-TNP71625750	3/4" TRAILER NOSE PLATE
31-TNP716750100	1" TRAILER NOSE PLATE

CLEVIS HITCH

P/N	CAPACITY	DESCRIPTION
31-0897900	12,000 LBS.	2-BOLT CLEVIS HITCH, 3/4" PIN HOLE
31-1807800	20,000 LBS.	3-BOLT CLEVIS HITCH, 1" PIN HOLE

PINTLE EYE/LUNETTE EYE

P/N	CAPACITY	DESCRIPTION
31-B16137	14,000 LBS.	3" INNER DIAMETER, ADJUSTABLE LUNETTE EYE
31-B16140	20,000 LBS.	3" INNER DIAMETER, ADJUSTABLE LUNETTE EYE

GOOSENECK COUPLERS

P/N	CAPACITY	RETRACTED HEIGHT	ADJUSTMENT HEIGHT	DESCRIPTION
31-CTDGN222	25,000 LBS.	32"	8"	SELF CENTERING GUIDE PLATE, DUAL SET SCREW, CAPPED TOP TUBE, LOAD BEARING SCREW, OUTER TUBE SIZE 4.5", RAW STEEL, GOOSE NECK, ROUND
31-GCPN-25008	25,000 LBS.	32"	8"	CAST CONE SHAPED BOTTOM PLATE WITH SEPARATE CAST STEEL TOP PLATE, 1 SET SCREW, LOAD BEARING PIN, OUTER TUBE SIZE 4.0", RAW STEEL, GOOSENECK, ROUND
31-GCSQ-25008	25,000 LBS.	32"	8"	SOLID ONE PIECE CAST HEAD WITH CURVED INTERNAL BALL CLAMP BAR, 1 SET SCREW, LOAD BEARING PIN, OUTER TUBE SIZE 4.5", RAW STEEL, GOOSENECK, SQUARE
31-KP5G-R25	25,000 LBS.	26"	8"	INCLUDES ROUND INNER AND OUTER TUBES WITH LOAD BEARING PIN, KING PIN, OUTER TUBE SIZE 4.5", RAW STEEL, GOOSENECK, ROUND
31-GCPN-30008	30,000 LBS.	29.2"	8"	SOLID ONE PIECE CAST HEAD WITH CURVED INNER BALL CLAMP BAR, 2 SET SCREWS, LOAD BEARING PIN, OUTER TUBE SIZE 4.5", RAW STEEL GOOSENECK, ROUND

LATCH LOCK

P/N	DESCRIPTION
31-BCL500	LATCH LOCK 1/4" PIN x 3/4" SPAN

DOOR ACCESSORIES

DOOR ACCESSORIES

P/N	DESCRIPTION
31-DH500SS	4" HOLD AND KEEPER, STAINLESS STEEL
31-DH318	3 3/16" BACK PLUNGER
31-DH258	2 5/8" BACK PLUNGER
31-DH158	1 5/8" BACK 1 1/4" PLUNGER
31-DH300	2" HOOK AND KEEPER, ALUMINUM
31-DH304	4" HOOK AND KEEPER, ALUMINUM
31-8000SSL	STAINLESS STEEL MINI SIZE, LOCKING
31-B1001	2 1/2" RUBBER BUMPER STOP
31-B239918C	GRAB HANDLE, CHROME, SOLID STEEL
31-WJ195	4" RUBBER HOOD LATCH WITH BRACKET
31-WJ201U	4 7/8" RUBBER HOOD LATCH WITH "U" BRACKET

TIE DOWNS

D - RINGS

P/N	DIAMETER	DESCRIPTION
31-DR-58W	5/8"	D-RING, WELD-ON WITH BRACKET
31-B46	3/4"	D-RING, WELD-ON WITH BRACKET
31-DR-12B	1/2"	D-RING, BOLT-ON
31-DR-12W	1/2"	D-RING, WELD-ON WITH BRACKET
31-B48	1"	D-RING, WELD-ON WITH BRACKET

ROPE RINGS

P/N	DIAMETER	DESCRIPTION
31-B23	1/4"	ROPE RING, LIGHT DUTY
31-B20	1/4"	ROPE RING

RECESSED ROPE RING

P/N	DESCRIPTION
31-B601	RECESSED ROPE RING
31-B703	RECESSED ROPE WITH BEZEL, SURFACE MOUNT
31-B801A	RECESSED ROPE RING, HEAVY DUTY
31-B801AK	RECESSED ROPE RING KIT, HEAVY DUTY
31-B901	ROTATING RECESSED RING, HEAVY DUTY

JACKS AND ACCESSORIES

JACKS

P/N	SUPPORT CAPACITY	STYLE	LIFT	DESCRIPTION
31-TJSC-24	2,500 LBS.	SCISSOR	24"	BOLT-ON, SCISSOR/STABILIZER
31-SJ-100	1,000 LBS.	STABILIZER	6"	BOLT-ON/WELD-ON
31-TJB-2001-B	2,000 LBS.	TOP WIND	10"	BRACKET MOUNT, SWIVEL
31-TJA-2001S-B	2,000 LBS.	SIDE WIND	14"	A FRAME, 8" BRACKET HEIGHT
31-TJA-2000-B	2,000 LBS.	TOP WIND	14"	A FRAME, 8" BRACKET HEIGHT
31-TJA-5000-B	5,000 LBS.	TOP WIND	14"	A FRAME, 10 1/2" BRACKET HEIGHT
31-TJA-5000T-B	5,000 LBS.	TOP WIND	15"	A FRAME, 10 1/2" BRACKET HEIGHT, RED FLOWER HANDLE
31-TJP-2001-B	2,000 LBS.	TOP WIND	10"	PIPE MOUNT, SWIVEL, INCLUDES MOUNTING PIPE
31-TJP-2001S-B	2,000 LBS.	SIDE WIND	10"	PIPE MOUNT, SWIVEL, INCLUDES MOUNTING PIPE
31-TJP-2002-B	2,000 LBS.	TOP WIND	15"	PIPE MOUNT, SWIVEL, INCLUDES MOUNTING PIPE
31-TJP-2002S-B	2,000 LBS.	SIDE WIND	15"	PIPE MOUNT, SWIVEL, INCLUDES MOUNTING PIPE
31-TJP-5001S-B	5,000 LBS.	SIDE WIND	10"	PIPE MOUNT, SWIVEL, INCLUDES MOUNTING PIPE
31-TJP-5001-B	5,000 LBS.	TOP WIND	10"	PIPE MOUNT, SWIVEL, INCLUDES MOUNTING PIPE
31-TJP-5002S-B	5,000 LBS.	SIDE WIND	15"	PIPE MOUNT, SWIVEL, INCLUDES MOUNTING PIPE
31-TJP-5002-B	5,000 LBS.	TOP WIND	15"	PIPE MOUNT, SWIVEL, INCLUDES MOUNTING PIPE
31-TJD-7000	8,000 LBS.	TOP WIND	15"	WELD-ON, SQUARE, DROP LEG
31-TJD-7000S	8,000 LBS.	SIDE WIND	15"	WELD-ON, SQUARE, DROP LEG
31-TJD-12000TW-R	12,000 LBS.	TOP WIND	12 1/2"	WELD-ON, SQUARE, SIDE PULL PIN
31-TJD-12000SP-R2	12,000 LBS.	SIDE WIND	12 1/2"	WELD-ON, SQUARE, SPRING RETURN, SIDE PULL PIN
31-TJD-12000SP-F2	12,000 LBS.	SIDE WIND	12 1/2"	WELD-ON, SQUARE, SPRING RETURN, FRONT PULL PIN
31-TJD2SP-12900SP-F	12,000 LBS.	SIDE WIND	12 1/2"	WELD-ON, SQUARE, 2-SPEED, SPRING LOAD, FRONT PULL PIN
31-TJD-12000SP-F2NH	12,000 LBS.	SIDE WIND	12 1/2"	WELD-ON, SQUARE, SPRING RETURN, FRONT PULL PIN, NO HANDLE
31-TJD-15000SP-R	15,000 LBS.	SIDE WIND	12 1/2"	WELD-ON, SQUARE, SPRING RETURN, SIDE PULL PIN
1-TJD2SP-25900	25,000 LBS.	SIDE WIND	12 1/2"	WELD-ON, SQUARE, 2-SPEED, SPRING RETURN, SIDE PULL PIN
31-TJD2SP-25900	25,000 LBS.	SIDE WIND	12 1/2"	WELD-ON, SQUARE, 2-SPEED, SPRING RETURN, SIDE PULL PIN

MARINE JACKS

P/N	CAPACITY	STYLE	LIFT	DESCRIPTION
31-MJ-1001B	1,000 LBS.	SIDE WIND	10"	BOLT-ON, MOUNTING PLATE
31-MJ-1200B	1,200 LBS.	SIDE WIND	10"	BOLT-ON, MOUNTING PLATE
31-MJ-1500B-DWL	1,500 LBS.	SIDE WIND	10"	BOLT-ON, MOUNTING PLATE, DUAL CASTER WHEELS

JACK ACCESSORIES

P/N	DESCRIPTION
31-JSP-100	JACK SUPPORT PLATE FOR AN A-FRAME JACK
31-JF-100-Z	JACK FOOT, 1.7" HEIGHT ZINC
31-JC-102	JACK CASTER WHEEL, METAL
31-JC-101	JACK CASTER WHEEL, PLASTIC
31-TJSC-24-HD	HANDLE FOR SCISSOR JACK
31-TJP-IP-CTN	INNER PIPE 2" WITH 9/16" HOLE
31-TJP-IP58-CTN	INNER PIPE 2" WITH 5/8" HOLE



LIGHTS

INCANDESCENT

P/N	SIZE	COLOR	DESCRIPTION
31-1T-V-1015-R-NEW	4" SQUARE	RED	STOP/TURN/TAIL LIGHT, UNDER 80", STUD MOUNT, 2 BARE WIRE
31-1T-V-1015-L-NEW	4" SQUARE	RED	STOP/TURN/TAIL LIGHT, UNDER 80", STUD MOUNT, LICENSE LIGHT
31-1T-600R	6" OVAL	RED	STOP/TURN/TAIL LIGHT, GROMMET AND PIGTAIL
31-1T-400R	4" ROUND	RED	STOP/TURN/TAIL LIGHT, GROMMET AND PIGTAIL
31-1P-C40603	1 1/2" x 2"	CLEAR	COURTESY LIGHT, ECONOMY, CLEAR LENS, STAINLESS STEEL, 1 BARE WIRE
31-1M-B300	N/A	CLEAR	LICENSE PLATE LIGHT, BLACK BODY, 2-WIRE
31-1M-B200	N/A	CLEAR	LICENSE PLATE/COURTESY LIGHT
31-1M-B150	N/A	CLEAR	LICENSE PLATE LIGHT, GRAY, 12V, BLACK BRACKET, 1 BARE WIRE
31-1M-B100	N/A	CLEAR	LICENSE PLATE LIGHT, GRAY, 12V, 1 BARE WIRE BRACKET MOUNT
31-1A-S-80A	2 1/2" ROUND	AMBER	MARKER LIGHT
31-1A-S-80R	2 1/2" ROUND	RED	MARKER LIGHT
31-1A-S-70R	2" ROUND	RED	MARKER LIGHT
31-1A-S-70A	2" ROUND	AMBER	MARKER LIGHT
31-1A-S-95R	15"	RED	ID BAR LIGHT, 3 LAMP, WHITE BASE
31-1A-S-325R	16 3/8"	RED	ID BAR LIGHT, 3 LAMP, BLACK BASE
31-L50-0058A	6" OVAL	AMBER	MID-TURN MARKER LIGHT, GROMMET AND PIGTAIL

LED

P/N	SIZE	COLOR	DESCRIPTION
31-24029	6" OVAL	WHITE	SURFACE MOUNT LIGHT, CHROME TRIM
31-24027	6" OVAL	WHITE	BACKUP LIGHT, GROMMET, CLEAR LENS
31-24004	6" OVAL	RED	TAIL LIGHT 10 DIODE, GROMMET/PLUG
31-L15-0071	6" OVAL	RED	STOP/ TURN/TAI LIGHT, 10 DIODE, GROMMET MOUNT, STANDARD PLUG
31-L15-0042	6" OVAL	RED	STOP/ TURN/ TAIL LIGHT, 10 DIODE, SURFACE MOUNT, BARE WIRE
31-1T-L16RI	6" OVAL	RED	STOP/ TURN/TAI LIGHT, 60 DIODE, CLEAR LENS, GROMMET MOUNT, HARD-WIRED
31-1T-L16R	6" OVAL	RED	STOP/ TURN/TAI LIGHT, 60 DIODE, GROMMET MOUNT, HARD-WIRED
31-24006	4" SQUARE	RED	440 STYLE LEFT SIDE
31-24005	4" SQUARE	RED	440 STYLE RIGHT SIDE
31-24002	2" ROUND	AMBER	3 DIODE, GROMMET AND PLUG
31-24001	2" ROUND	RED	3 DIODE, GROMMET AND PLUG
31-1A-S-56R	2 1/2" ROUND	RED	MARKER LIGHT, 13 DIODE
31-1A-S-56A	2 1/2" ROUND	AMBER	MARKER LIGHT, 13 DIODE
31-1A-S-55RI	2" ROUND	RED	MARKER LIGHT, 9 DIODE, CLEAR LENS
31-1A-S-55AI	2" ROUND	AMBER	MARKER LIGHT, 9 DIODE, CLEAR LENS
31-1A-V-1250R	4" x 1"	RED	MARKER LIGHT, 6 DIODE
31-1A-V-1250A	4" x 1"	AMBER	MARKER LIGHT, 6 DIODE
31-1A-V-12612	4.08" x 1.08"	N/A	MARKER LIGHT BASE, BLACK, 1 BARE WIRE
31-L14-0092R	3/4"	RED	MARKER LIGHT, SEALED, CLEAR LENS, 1 DIODE, 2-WIRE WITH GROMMET
31-L14-0092A	3/4"	AMBER	MARKER LIGHT, SEALED, CLEAR LENS, 1 DIODE, 2-WIRE WITH GROMMET

LIGHT ACCESSORIES

P/N	DESCRIPTION
31-1T-G6M	GROMMET, 6" OVAL, FLUSH MOUNT
31-1T-G25	GROMMET, 2.5" ROUND, STANDARD OPEN BACK
31-1T-G2	GROMMET, 2" ROUND, STANDARD OPEN BACK
31-1M-V-439	PIGTAIL, 2-WIRE
31-1M-V-399	PIGTAIL, 3-WIRE
31-1M-V-9193	LICENSE PLATE BRACKET ZINC
31-24013	LIGHT BOX, 6" OVAL AND 2" ROUND END HOLE

STAKE POCKETS

STAKE POCKETS

P/N	DESCRIPTION
31-4000	4 GAUGE STAKE POCKET
31-4005	7 GAUGE STAKE POCKET

SUSPENSION COMPONENTS

EQUALIZERS

P/N	DESCRIPTION	SPRING TYPE
31-EQ-E1	7 3/4"	DOUBLE EYE
31-EQ-104	5 3/4"	DOUBLE EYE
31-EQ-310	6.06"	DOUBLE EYE
31-4113-1	12"	SLIPPER
31-4113-13-EQ	13"	SLIPPER

HANGERS

P/N	POSITION	TOP TO CENTER OF HOLE	SPRING WIDTH
31-C-CLIP	REAR	N/A	1 3/4"
31-4101-3	FRONT	1 1/4"	1 3/4"
31-4101-4	N/A	3 1/4"	1 3/4"
31-4101-7	N/A	4 1/4"	1 3/4"
31-4103-8	REAR	1 1/2"	1 3/4"
31-4113-2H	FRONT	3 1/2"	2"
31-4113-3H	REAR	5"	2"
31-4113-4H	CENTER	3 3/8"	2"

HANGER KITS

P/N	STYLE	SINGLE/TANDEM	STRAP LENGTH
31-AP1SLIP	SLIPPER	SINGLE	N/A
31-APS1MS	DOUBLE EYE	SINGLE	MEDIUM STRAPS
31-APS1LS	DOUBLE EYE	SINGLE	LONG STRAPS
31-APT3MS	DOUBLE EYE	TANDEM	MEDIUM STRAPS
31-APT5MSB	DOUBLE EYE	TANDEM	MEDIUM STRAPS
31-APT5LS	DOUBLE EYE	TANDEM	LONG STRAPS
31-APT10SE36	SLIPPER	TANDEM	N/A
31-APT10SE36BULK	SLIPPER	TANDEM	N/A
31-AP25T42	SLIPPER	TANDEM	N/A

SUSPENSION HARDWARE

P/N	APPLICATION	SIZE
31-4101-5	SHACKLE BOLT	9/16"-18 x 3"
31-4113-7	SHACKLE BOLT	9/16"-18 x 3 1/2"
31-4113-5W	EQUALIZER BOLT	7/8"-9
31-4101-6	SHACKLE LOCK NUT	9/16"-18
31-78LN	LOCK NUT, REVERSIBLE	7/8"-9

SHACKLE STRAPS

P/N	DESCRIPTION
31-4101-2A	2 5/8" CENTER LINE
31-4101-2	3 1/8" CENTER LINE

RECEIVER TUBES

RECEIVER TUBES

P/N	DIMENSION	FINISH
31-RT25806	2" x 6"	RAW
31-RT25808	2" x 8"	RAW
31-RT25812B	2" x 12"	BLACK
31-RT25824	2" x 24"	RAW
31-RT25836	2" x 36"	RAW
31-RT25848	2" x 36"	RAW

HANGER KITS



TANDEM SLIPPER HANGER KIT

Kit Shown: Part # [31-APT10SE36](#)

- 2 Equalizers
- 2 Front Hangers
- 2 Center Hangers
- 2 Rear Hangers
- 2 7/8" Wet Bolts With Nuts
- 8 9/16" Shackle Bolts With Nuts



TANDEM DOUBLE EYE HANGER KIT

Kit Shown: Part # [31-APT5MS](#)

- 2 Equalizers
- 6 Hangers
- 8 Medium Shackle Straps
- 14 9/16" Shackle Bolts With Nuts

*KITS AVAILABLE WITH LONG STRAPS



SINGLE DOUBLE EYE HANGER KIT

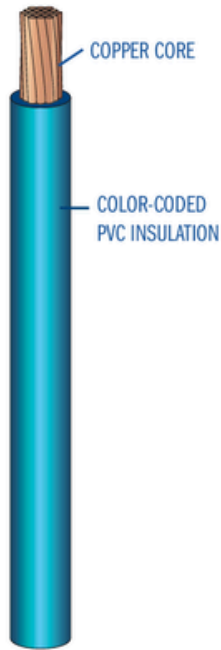
Kit Shown: Part # [31-APS1MS](#)

- 2 Front Hangers
- 2 Rear Hangers
- 4 Medium Shackle Straps
- 6 9/16" Shackle Bolts With Nuts

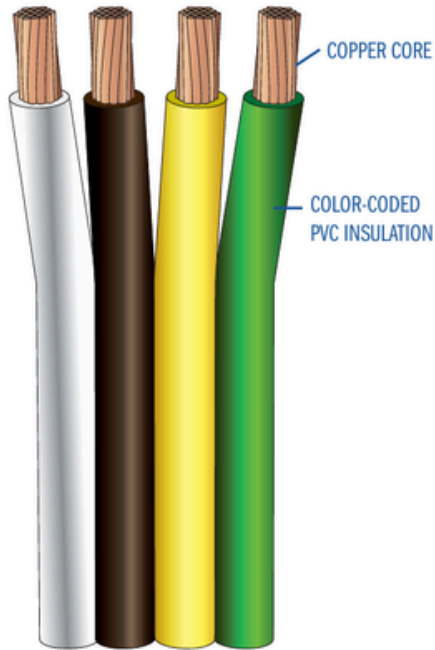
*KITS AVAILABLE WITH LONG STRAPS

WIRING

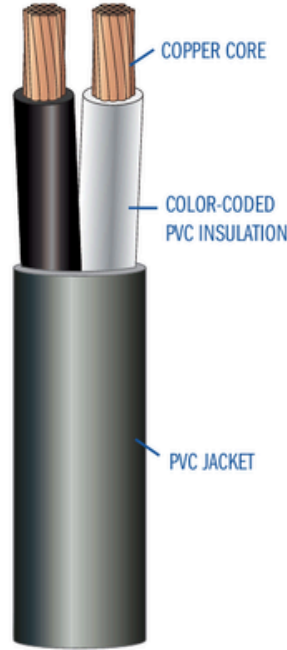
WIRING DIAGRAMS



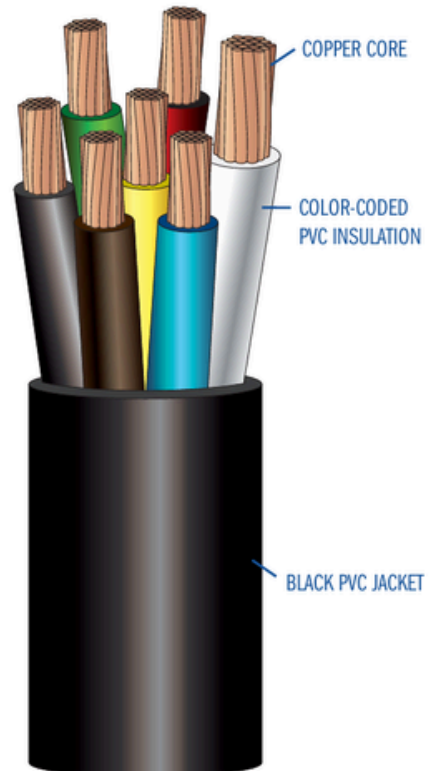
PRIMARY WIRE
SINGLE WIRE



BONDED
4-WIRE



INSULATED
DUPLEX WIRE



INSULATED
7-WIRE

BONDED WIRE

DIAGRAMS



INSULATED
4-WIRE



INSULATED
6-WIRE



INSULATED
7-WIRE

WIRING

BONDED WIRE

P/N	TYPE	LENGTH	GAUGE	COLOR
31-02910	BONDED 2-WIRE	500'	16 GAUGE	RED, BLACK
31-02913	BONDED 3-WIRE	500'	16 GAUGE	GREEN, BROWN, YELLOW
31-02916	BONDED 4-WIRE	500'	16 GAUGE	WHITE, GREEN, BROWN, YELLOW
31-03207	DUPLEX WIRE	500'	14 GAUGE	WHITE, BLACK
31-04924	INSULATED 4-WIRE	500'	14 GAUGE	YELLOW, RED, GREEN, BROWN
31-04926	INSULATED 6-WIRE	500'	14 GAUGE	YELLOW, RED, GREEN, BROWN, BLACK, BLUE
31-04922	INSULATED 6-WIRE	500'	16 GAUGE	YELLOW, RED, GREEN, BROWN, BLACK, BLUE
31-98044	INSULATED 7-WIRE	500'	1/12, 6/14 GAUGE	RED, YELLOW, GREEN, BROWN, BLUE, BLACK, WHITE (1-12 GAUGE WIRE, 6-14 GAUGE WIRES)

SINGLE WIRE

P/N	TYPE	LENGTH	GAUGE	COLOR
31-02424	PRIMARY WIRE	500'	14 GAUGE	BLACK
31-02428	PRIMARY WIRE	500'	14 GAUGE	BLUE
31-02427	PRIMARY WIRE	500'	14 GAUGE	BROWN
31-02425	PRIMARY WIRE	500'	14 GAUGE	GREEN
31-02423	PRIMARY WIRE	500'	14 GAUGE	WHITE
31-02426	PRIMARY WIRE	500'	14 GAUGE	YELLOW
31-02422	PRIMARY WIRE	500'	14 GAUGE	RED
31-14520	PRIMARY WIRE	6000'	14 GAUGE	BLACK
31-14523	PRIMARY WIRE	6000'	14 GAUGE	BROWN
31-14521	PRIMARY WIRE	6000'	14 GAUGE	GREEN
31-14518	PRIMARY WIRE	6000'	14 GAUGE	RED
31-14519	PRIMARY WIRE	6000'	14 GAUGE	WHITE
31-14522	PRIMARY WIRE	6000'	14 GAUGE	YELLOW
31-02374	PRIMARY WIRE	500'	16 GAUGE	BLACK
31-02378	PRIMARY WIRE	500'	16 GAUGE	BLUE
31-02377	PRIMARY WIRE	500'	16 GAUGE	BROWN
31-02375	PRIMARY WIRE	500'	16 GAUGE	GREEN
31-02372	PRIMARY WIRE	500'	16 GAUGE	RED
31-02373	PRIMARY WIRE	500'	16 GAUGE	WHITE
31-02376	PRIMARY WIRE	500'	16 GAUGE	YELLOW

TRAILER PLUGS

P/N	DESCRIPTION
31-38118	4-WIRE FLAT TRAILER END, 12"
31-38038	4-WIRE VEHICLE END, 48"
31-24012	4-WAY TRAILER WIRE HARNESS 25' LONG
31-38448	6-WAY ROUND TRAILER END METAL
31-38438	6-WAY ROUND VEHICLE END METAL
31-TCA624	6-WAY ROUND TO 4-WAY FLAT
31-20036	6-WAY MOLDED TRAILER END 8'
31-38508	7-WAY BLADE TRAILER END PLASTIC
31-38487	7-WAY BLADE VEHICLE END PLASTIC
31-TCA724	7-WAY ROUND TO 4-WAY FLAT
31-TCA726	7-WAY ROUND TO 6-WAY ROUND SIDE AUXILIARY
31-TCA726C	7-WAY ROUND TO 6-WAY ROUND CENTER AUXILIARY
31-20047	7-WAY MOLDED TRAILER END 8'

TRAILER PLUG ACCESSORIES

P/N	DESCRIPTION
31-IBCB-K	16-14 GAUGE BLUE VINYL BUTT CONNECTOR
31-SBCB-K	16-14 GAUGE BLUE HEAT SHRINK BUTT CONNECTOR
31-FC38	STEEL FRAME CLIP 3/8"
31-FGL14A	100 FT, 1/4" FLEX GUARD LOOM
31-FGL38A	100 FT, 3/8" FLEX GUARD LOOM
31-FGL12A	100 FT, 1/2" FLEX GUARD LOOM
31-FGL58A	100 FT, 5/8" FLEX GUARD LOOM
31-FGL34A	100 FT, 3/4" FLEX GUARD LOOM
31-FGL1A	100 FT, 1" FLEX GUARD LOOM
31-AC6	3/8" METAL CLAMP WITH CUSHION
31-AC8	1/2" METAL CLAMP WITH CUSHION
31-QSWI-K	18-14 GAUGE WHITE QUICK SPLICER
31-QSBI-K	18-14 GAUGE BLUE QUICK SPLICER
31-314	GEL CONNECTOR

INDEX

A

A-FRAME COUPLERS	19
ADJUSTABLE COUPLER CHANNELS	19
AG HUBS AND PARTS	14
AG HUBS	14
AG SPINDLES	14
AXLES, SPRING	6
AXLES, TORSION	8

B

BEARINGS	10
BEARINGS, RACES, AND SEALS	10
BONDED WIRE	28
BRAKE DRUMS	16
BRAKES, ELECTRIC	12
BRAKES, HYDRAULIC	13
BREAKAWAY KITS	18
BUSHINGS	10

C

CHANNELS	19
COUPLER ACCESSORIES	19
COUPLERS	19
COTTER PINS	11

D

DOOR ACCESSORIES	21
D-RINGS AND TIE DOWNS	21
DUST CAPS AND PLUGS	10
DROP SPRING AXLE	7

E

EQUALIZERS	25
------------------	----

G

GOOSENECK COUPLERS	20
GREASE SEALS	10

H

HANGERS	25
HANGER KITS	25, 26
HUBS, IDLER	16

I

IDLER HUBS	30
INCANDESCENT LIGHTS	23

J

JACK ACCESSORIES	23
JACKS	22
JACKS, MARINE	22

L

LATCH LOCK	20
LIGHT ACCESSORIES	24
LIGHTS	23
LIGHTS, INCANDESCENT	23
LIGHTS, LED	24
LUG NUTS	11
LUNETTE EYE	20

M

MARINE JACKS	22
--------------------	----

N

NUTS, WASHERS, COTTER PINS	11
----------------------------------	----

P

PINS, COTTER	11
PINTLE EYE	20

R

RACES	10
RECEIVER TUBE	26
ROPE RING	21
RECESSED ROPE RING	21

S

SPRING AXLES	6
SAFETY CHAINS	18
SHACKLE STRAPS	25
SINGLE WIRE	28
SPINDLES	14
SPRINGS	17
SPRING PADS	17
STAKE POCKETS	24
STRAIGHT TONGUE COUPLERS	19
SUSPENSION COMPONENTS	25
SUSPENSION HARDWARE	25
STRAIGHT SPRING AXLE	7

T

TIE DOWNS	21
TIE PLATES	11
TORSION AXLES	8
TORSION DIAGRAMS	8
TRAILER PLUGS	29
TRAILER PLUG ACCESSORIES	29

U

U-BOLT KITS	11
U-BOLTS AND TIE PLATES	11

W

WARRANTY	31
WASHERS	11
WIRE	28
WIRE, BONDED	28
WIRE DIAGRAMS	27
WIRE, SINGLE	28



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