

PARTS CATALOG



Introduction

The Blue Giant Parts Catalog is designed to help you support your customers faster and more efficiently. With detailed technical drawings, accurate part identification, and bundled spare parts kits, you can streamline orders, reduce lead times, and keep customer equipment running at peak performance. Backed by high-quality OEM components, our catalog is your essential tool for delivering reliable service and maximizing uptime for your clients.

Table of Contents

TERMS AND CONDITIONS 5

REPLACEMENT PARTS 7

 NEXT GEN - HYDRAULIC DOCK LEVELERS 8

 NEXT GEN - MECHANICAL DOCK LEVELERS..... 10

 A-SERIES HYDRAULIC DOCK LEVELER 12

 A-SERIES MECHANICAL DOCK LEVELER 14

 U-SERIES HYDRAULIC DOCK LEVELER 16

 U-SERIES MECHANICAL DOCK LEVELER 18

 U-SERIES AIRBAG DOCK LEVELER 20

 VERTICAL STORING DOCK LEVELER 22

 A-SERIES VERTICAL STORING DOCK LEVELER 24

 SVR303 VEHICLE RESTRAINT – HYDRAULIC 26

 HVR303 VEHICLE RESTRAINT – HYDRAULIC 28

 TL85 VEHICLE RESTRAINT - HYDRAULIC..... 30

 ML10 VEHICLE RESTRAINT – MECHANICAL 32

 HYDRAULIC POWER PACKS 34

 HYDRAULIC CYLINDERS..... 34

SPARE PARTS / MAINTENANCE KITS 35

 MTS-M RETROFIT KIT FOR BLUE GIANT MANTIS / ADM MECHANICAL DOCK LEVELER..... 49

 REPLACEMENT LIP, SPOOLS, AND PIN KIT..... 50

PAINT COLORS..... 51

Terms and Conditions

Ordering:

Parts orders will be accepted by mail, fax or e-mail. To protect both the dealer and the factory from miscommunications that may result from shipping the incorrect part, verbal purchase orders are not accepted. All orders will require an accepted purchase order.

Order Acknowledgments:

All and accepted quotations will be followed up with an order acknowledgment confirming quantity, part numbers, part description, ship to address, purchase order number, expected lead times and other information that may pertain to the order.

The dealer is responsible for reviewing the order acknowledgement issued by the factory and notifying of any discrepancies against the dealer's purchase order. The factory cannot be held 100% liable for any oversights and costs associated with discrepancies after the product is shipped.

Minimum Parts Order Value:

Parts orders are subject to a minimum order value. The minimum value for a parts order (before freight and taxes) is \$25 NET. Orders that are received less than this value are subject to an administration fee that will be submitted to the factory to avoid unnecessary charges applied in order to equal the sum of \$25 and will be entered as a separate line item identified as "min-ord".

The dealer is encouraged to consolidate orders prior to submitting to the factory to avoid unnecessary charges.

Ship Complete:

Unless identified by the dealer at time of order, the standard practice is to ship orders once complete. Orders will be held for shipment until complete to minimize customer freight charges, should an item be on back order.

Parts Warranty Policy:

The following guidelines and documentation have been assembled to assist our distribution network in administering parts orders, warranty claims and other related policies as it applies to aftermarket sales. The warranty policies are a statement of the factory's intent to rectify component or parts failures resulting from defective materials or substandard workmanship at the time of manufacture. No other responsibility is implied or assumed. Furthermore, the factory assumes no responsibility or liability for consequential damages of any kind that may result from the sale of any component or parts: The factory will deem whether or not a defective component or part is required to be returned with the warranty claim. A step-by-step warranty process can be viewed online and the warranty claim form can be downloaded from our website.

Warranty Period:

All replacement components and/or parts are warrantied for a period of 90 days from date of shipment.

Parts Returned (RGA):

A minimum 25% restocking fee will be applied if the RGA is initiated due to dealer error.

Blue Giant will not accept returns of installed parts, electrical components, bearings, seals, batteries or chargers. Special quoted parts are non-returnable. Return freight prepaid by the dealer.

Freight:

All prices are FOB factory. Please ensure that detailed shipping instructions appear on all orders. Collect shipments must clearly identify the carrier of choice and account number to be billed. Returned and/or refused shipments resulting in back-charges to the factory will be billed back to the dealer at cost plus an additional \$25 NET administration fee.

Orders being shipped via couriers, other than Blue Giant Preferred Carriers (see below), must allow up to an additional 24 hours for shipping as non-preferred carriers may not respond to the original pick-up request in a timely manner.

The dealer may also opt for prepay and add terms whereby the factory arranges shipment through preferred carriers and/or couriers. Due to volume discounts, we pass the savings along to the dealers. Freight charges will be added and appear on your parts invoices.

For dealer orders marked pick up, the Parts Department will notify the dealer when the order is ready for pick up. If the order is not picked up within two days from the first notification, the factory will ship out the order via a preferred carrier or courier, terms prepay and add. The freight charges will be added to your parts invoice.

Freight charges and/or claims, as a result of damage to goods in transit are the responsibility of the dealer. Always mark noticeable damages and deficiencies on the proof of delivery slip before accepting the shipment. The factory cannot assist if the dealer does not act first.

Preferred Carriers

FOR SHIPMENTS WITHIN USA:

UPS (up to 80 lb per box) / LTL Freight Transport (over 80 lb skidded)

FOR SHIPMENTS WITHIN CANADA:

Purolator (up to 80 lb per box) / Conway (over 80 lb skidded)

FOR SHIPMENTS WITHIN MEXICO:

Freight forwarder must be specified by dealer

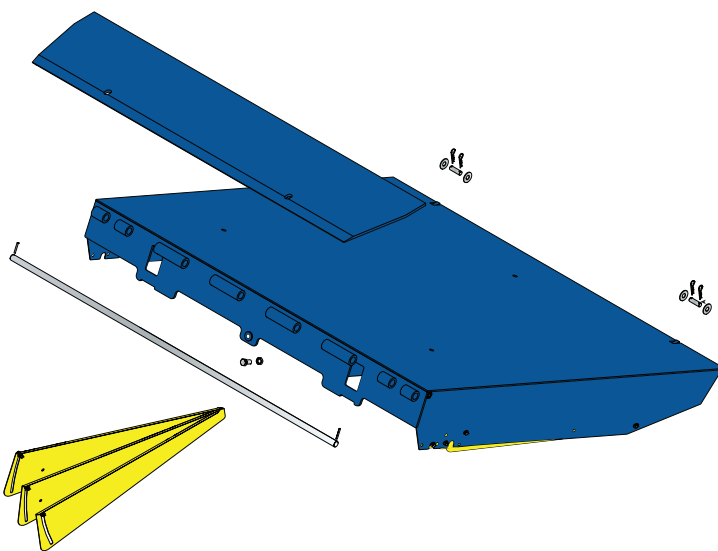
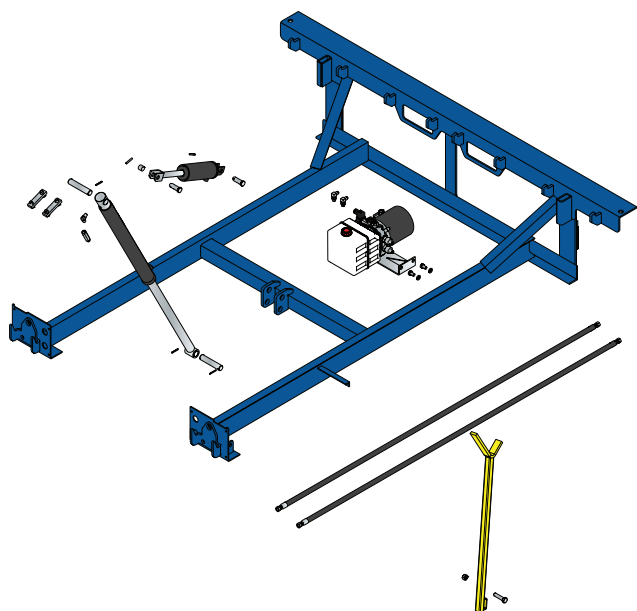
FOR ALL OTHER DESTINATIONS:

Freight forwarder must be specified by dealer

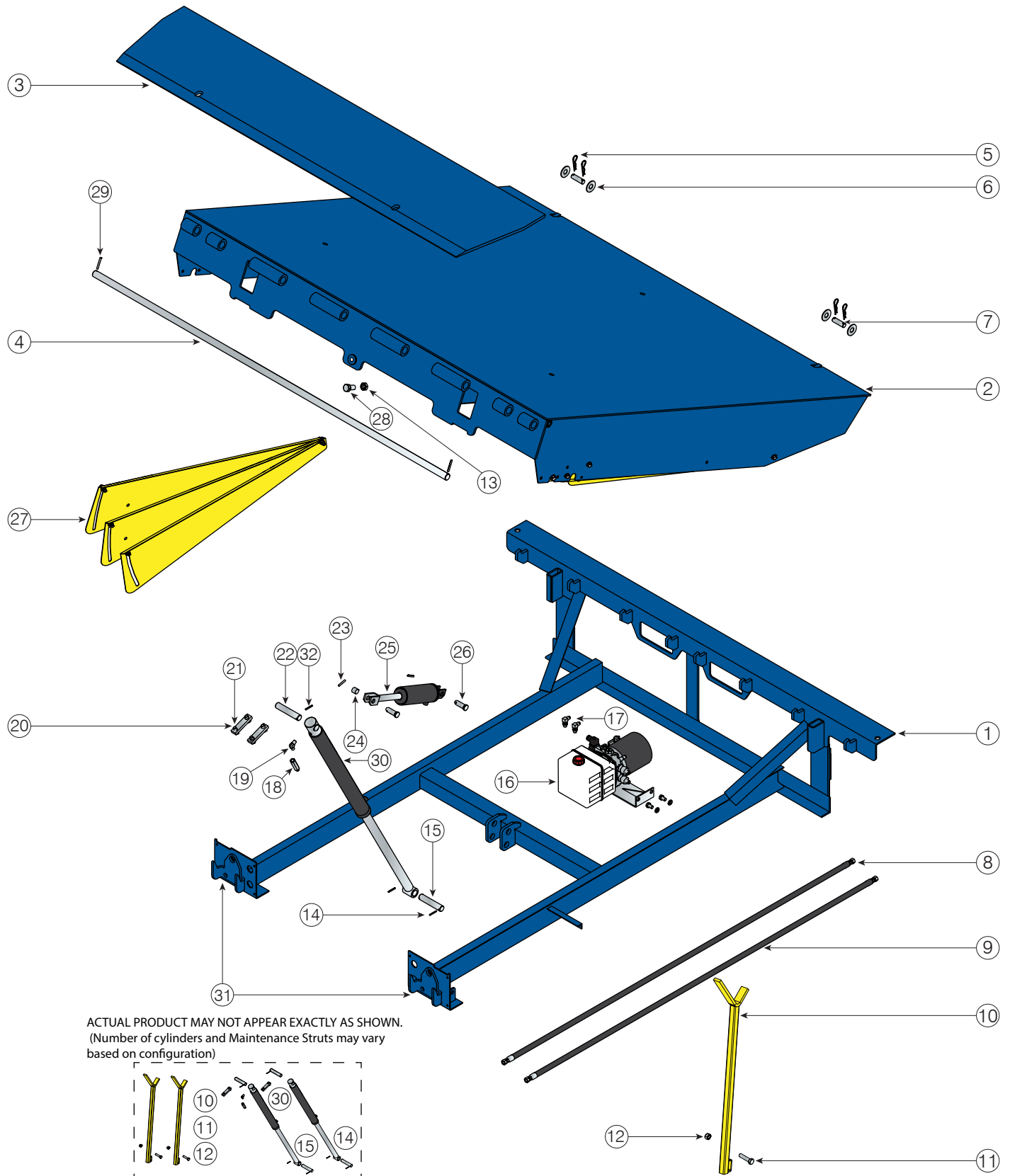
Contact Blue Giant Parts Department:

- Email: Parts@bluegiant.com
- Phone: 1 800 872 2583 ext. 5417

REPLACEMENT PARTS



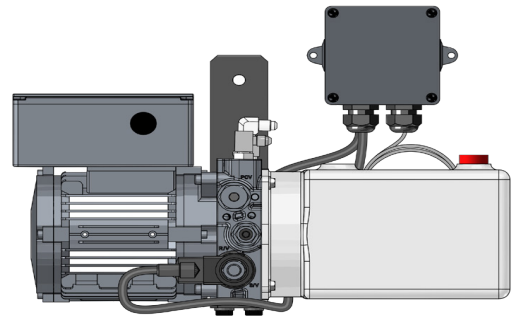
NEXT GEN - Hydraulic Dock Levelers



NEXT GEN - Hydraulic Dock Levelers

ITEM	QTY.	PART #	DESCRIPTION
1	1	CALL FOR PART NUMBER	FRAME
2	1	CALL FOR PART NUMBER	DECK
3	1	SEE PAGE 50	LIP
4	1	SEE PAGE 50	LIP SHAFT
5	4	013-029	COTTER PIN 7/8 X 3 1/4
6	4	012-214	FLAT WASHER 3/4"
7	2	26-005610	PIN
8	4	034-636	FITTING
9	2	090-838-0780	HOSE 78" LG*
10	1*	2000659-1	DOCK STRUT*
11	3	010-184	HEX HEAD CAP SCREW 5/8-11 X 2.5X1.5
12	1	011-501	LOCK NUT
13	1	010-530	HEX JAM NUT 3/4"
14	2*	013-127	SPRING PIN 3/6" X 1 1/2"
15	1	2000263	PIVOT PIN*
16	1	SEE PAGE 34	HYDRAULIC POWERPACK
17	2	034-585	90° ELBOW FITTING
18	1*	033-661	VELOCITY FUSE*
19	2*	034-515	FITTING*
20	4*	010-246	HEX HEAD CAP SCREW*
21	2*	2002286	COVER PLATE*
22	1*	090-189-0050	CYLINDER PINS 1 X 5*
23	2*	013-625	SPRING PIN 1/4" X 1 1/2"
24	1*	018-001	3/4" BUSHING*
25	1	SEE PAGE 50	LIP SHAFT
26	4	013-029	COTTER PIN 7/8 X 3 1/4
27	4	012-214	FLAT WASHER 3/4"
28	2	26-005610	PIN
29	4	034-636	FITTING
30	2	090-838-0780	HOSE 78" LG*
31	1*	2000659-1	DOCK STRUT*

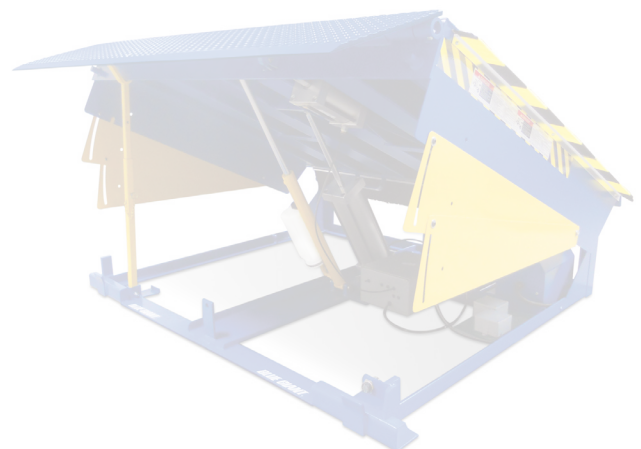
*MAY VARY BASED ON CONFIGURATION

**HYDRAULIC DOCK LEVELERS POWER PACKS**

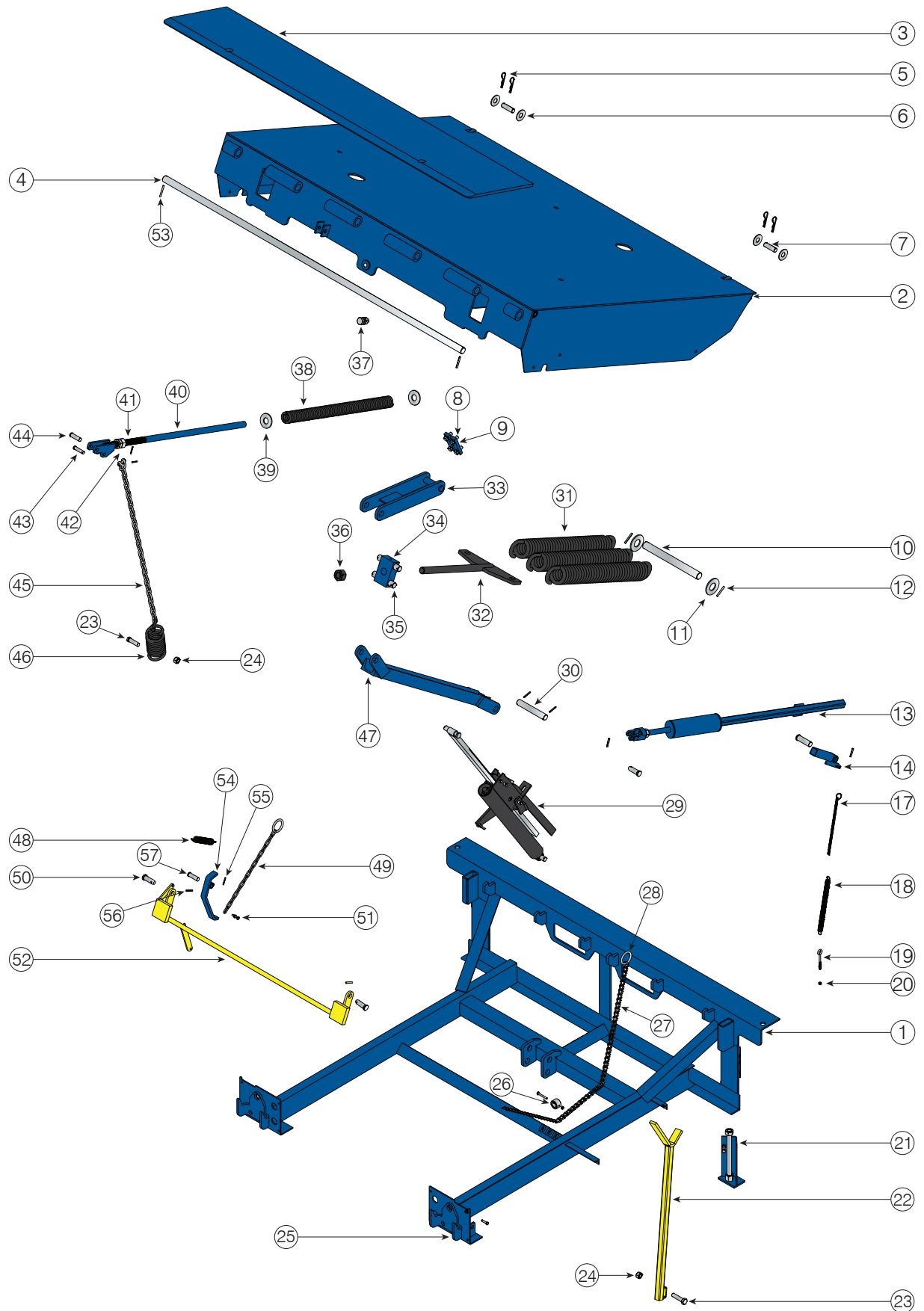
QTY	PART #	DESCRIPTION
1	033-400-24-K	POWERPACK, FH, 575/3/60, 1HP, UND60K
	033-401-24-K	POWERPACK, FH, 110-230/1/60, 1HP, UND60K
	033-402-24-K	POWERPACK, FH, 220-440/3/60, 1HP, UND60K
	033-403-1K	POWERPACK, FE, 115-230/1/50-60, 1HP, UND60K
	033-404-1K	POWERPACK, FE, 230-460/3/50-60, 1HP, UND60K
	033-405-1K	POWERPACK, FE, 575/3/60, 1HP, UND60K

**HYDRAULIC DOCK LEVELERS CYLINDERS**

QTY	PART #	DESCRIPTION
1	788-599-1K	CYLINDER-LIP ASSY - FH D/LEV
	788-636-1K	CYLINDER, DOCK LEVELER, 50MM DIA, 35MM ROD, 557MM STROKE



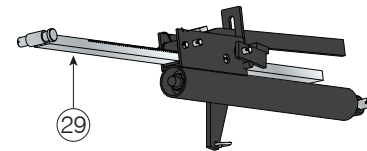
NEXT GEN - Mechanical Dock Levelers



NEXT GEN - Mechanical Dock Levelers

ITEM	QTY.	PART #	DESCRIPTION
1	1	CALL FOR PART NUMBER	FRAME
2	1	CALL FOR PART NUMBER	DECK
3	1	SEE PAGE 50	LIP
4	1	SEE PAGE 50	LIP SHAFT
5	4	013-029	COTTER PIN 7/8" X 3 1/4"
6	4	012-214	FLAT WASHER 3/4"
7	2	26-005610	PIN
8	4	010-246	HEX HEAD CAP SCREW 1/2" X 1 1/2"
9	2	2002286	COVER PLATE
10	1	CALL FOR PART NUMBER	SPRING HOLDER PIVOT PIN
11	2	012-216	FLAT WASHER
12	2	013-012	PIN
13	1	011-530	HEX JAM NUT 3/4"
		24-003409	SHOCK ASSEMBLY
		793-375	SHOCK ASSEMBLY
14	1	2000276	DOG WELDMENT
17	1	090-882-0110	SASH CHAIN
18	1	017-089	TENSION SPRING
19	1	010-242	ROUTING EYEBOLT 1/4-2-X3"L
20	2	011-545	HEX LOCK NUT, NYLON INSERT
21	4	2001750-1	SHIMLESS BRACKET
22	1	2000659-1	DOCK STRUT
23	2	011-134	HEX HEAD CAP SCREW 5/8" X 3"
24	2	011-501	5/8" LOCK NUT
25	2	2000402	LIP KEEPER
26	1	1002299	STOP BLOCK
27	1	2001749-1	RATCHET CHAIN ASSEMBLY
28	1	1004597	PULL RING
29	1	22-003769-1	RATCHET HOLD-DOWN ASSEMBLY
30	1	2000263-1	PIVOT PIN
31	X	CALL FOR PART NUMBER	MAIN SPRING
32	1	CALL FOR PART NUMBER	SPRING BRACKET WELDMENT
33	1	2002449	UPPER ARM WELDMENT
34	1	2000321	CONNECTING LINK
35	2	2000263	PIVOT PIN
36	1	011-691	HEX NUT 1/8"
37	1	010-059	HEX HEAD CAP SCREW 3/4" X 2"
38	1	1003131	LIP ASSIST SPRING
39	2	012-253	WASHER
40	1	2000017	THREAD ROD WELDMENT
41	2	011-531	HEX NUT
42	2	011-511	HEX JAM NUT
43	1	013-629	CLEVIS PIN
44	2	013-628	CLEVIS PIN

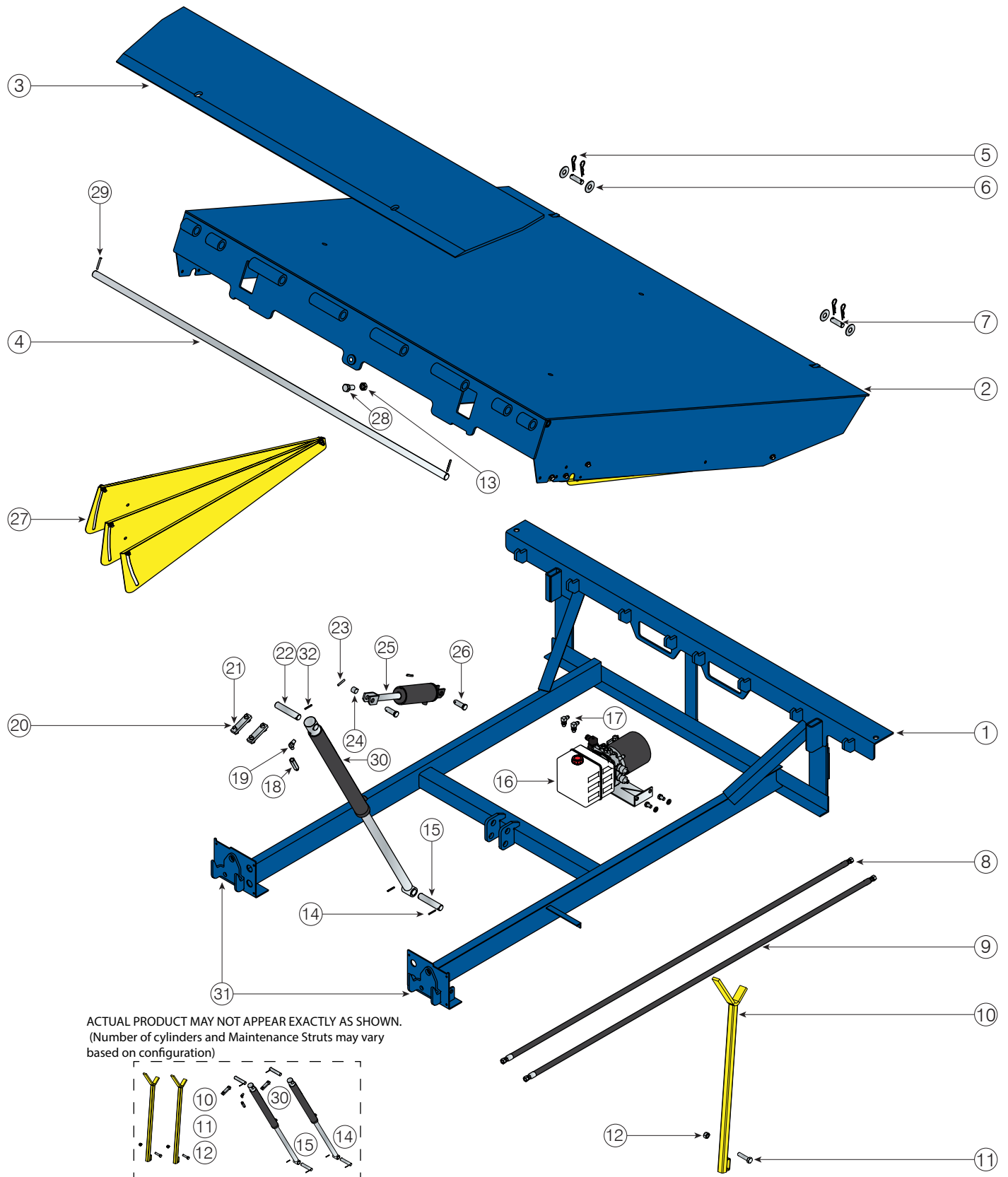
ITEM	QTY.	PART #	DESCRIPTION
45	1	2000520	CHAIN ASSEMBLY
46	1	1002455	LIP ACTIVATING SPRING
47	1	2000335	LOWER ARM WELDMENT
49	1	017-012	TENSION SPRING
50	1	2000578	CHAIN ASSEMBLY
51	4	107-196	CLEVIS PIN
52	2	011-545	HEX LOCK NUT, NYLON INSERT
53	1	2000403	FALL SAFE WELDMENT
54	2	013-117	SPRING PIN
55	1	200-1812	LIP KICK-OUT LEVER
56	1	013-066	COTTER PIN 5/32" X 1 1/4"
57	1	013-625	COTTER PIN 1/4" X 1 1/2"



KIT PART #			600-027
KIT DESCRIPTION			MECHDOCK-RACHET HOLD-DOWN KIT
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
29	1	22-003769-1	RACHET HOLD-DOWN ASSEMBLY



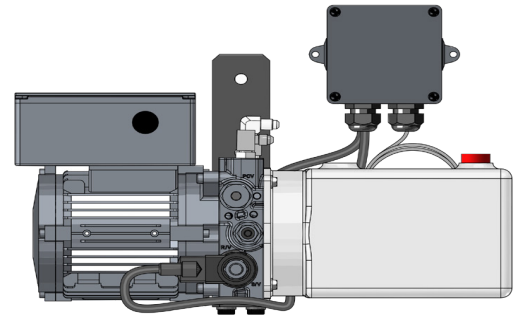
A-Series Hydraulic Dock Leveler



A-Series Hydraulic Dock Leveler

ITEM	QTY.	PART #	DESCRIPTION
1	1	CALL FOR PART NUMBER	FRAME
2	1	CALL FOR PART NUMBER	DECK
3	1	SEE PAGE 50	LIP
4	1	SEE PAGE 50	LIP SHAFT
5	4	013-029	COTTER PIN 7/8 X 3 1/4
6	4	012-214	FLAT WASHER 3/4"
7	2	26-005610	PIN
8	4	034-636	FITTING
9	2	090-838-0780	HOSE 78" LG*
10	1*	2000659-1	DOCK STRUT*
11	3	010-184	HEX HEAD CAP SCREW 5/8-11 X 2.5X1.5
12	1	011-501	LOCK NUT
13	1	010-530	HEX JAM NUT 3/4"
14	2*	013-127	SPRING PIN 3/6" X 1 1/2**
15	1	2000263	PIVOT PIN*
16	1	SEE PAGE 34	HYDRAULIC POWERPACK
17	2	034-585	90° ELBOW FITTING
18	1*	033-661	VELOCITY FUSE*
19	2*	034-515	FITTING*
20	4*	010-246	HEX HEAD CAP SCREW*
21	2*	2002286	COVER PLATE*
22	1*	090-189-0050	CYLINDER PINS 1 X 5*
23	2*	013-625	SPRING PIN 1/4" X 1 1/2**
24	1*	018-001	3/4" BUSHING*
25	1	SEE PAGE 50	LIP SHAFT
26	4	013-029	COTTER PIN 7/8 X 3 1/4
27	4	012-214	FLAT WASHER 3/4"
28	2	26-005610	PIN
29	4	034-636	FITTING
30	2	090-838-0780	HOSE 78" LG*
31	1*	2000659-1	DOCK STRUT*

*MAY VARY BASED ON CONFIGURATION

**HYDRAULIC DOCK LEVELERS POWER PACKS**

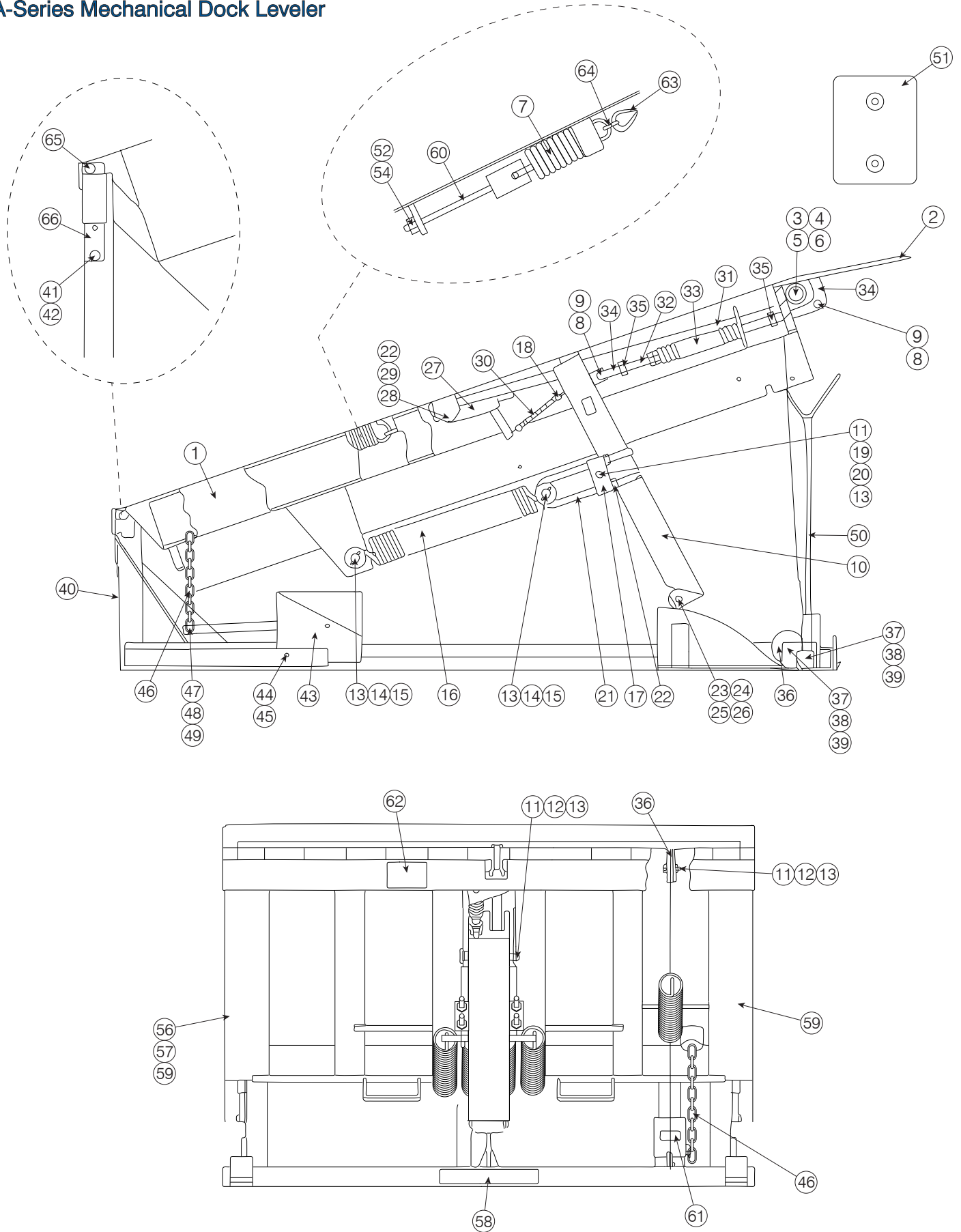
QTY	PART #	DESCRIPTION
1	033-400-24-K	POWERPACK, FH, 575/3/60, 1HP, UND60K
	033-401-24-K	POWERPACK, FH, 110-230/1/60, 1HP, UND60K
	033-402-24-K	POWERPACK, FH, 220-440/3/60, 1HP, UND60K
	033-403-1K	POWERPACK, FE, 115-230/1/50-60, 1HP, UND60K
	033-404-1K	POWERPACK, FE, 230-460/3/50-60, 1HP, UND60K
	033-405-1K	POWERPACK, FE, 575/3/60, 1HP, UND60K

**HYDRAULIC DOCK LEVELERS CYLINDERS**

QTY	PART #	DESCRIPTION
1	788-599-1K	CYLINDER-LIP ASSY - FH D/LEV
	788-636-1K	CYLINDER, DOCK LEVELER, 50MM DIA, 35MM ROD, 557MM STROKE



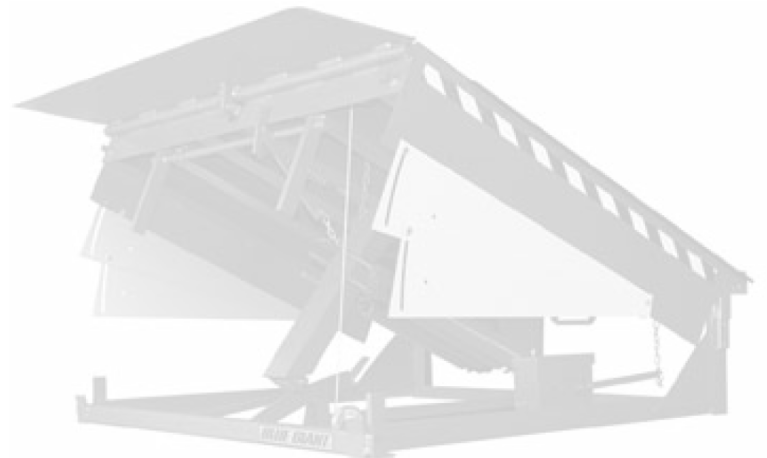
A-Series Mechanical Dock Leveler



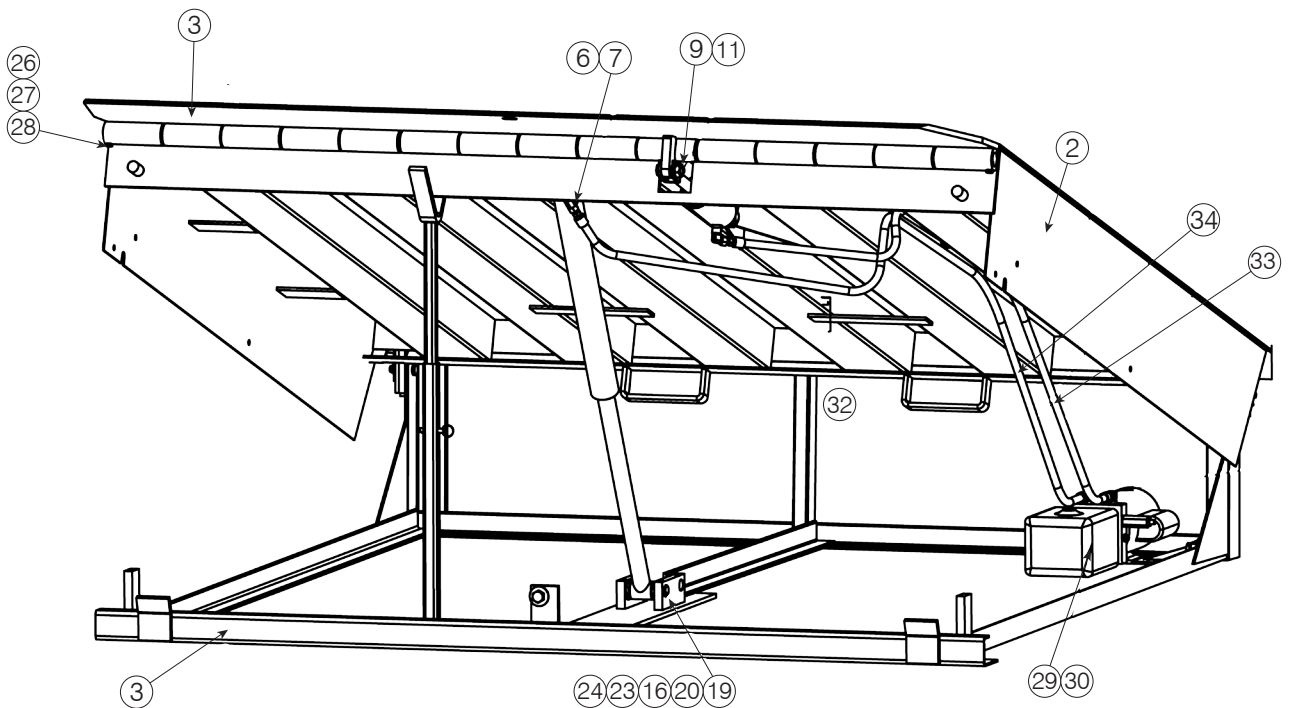
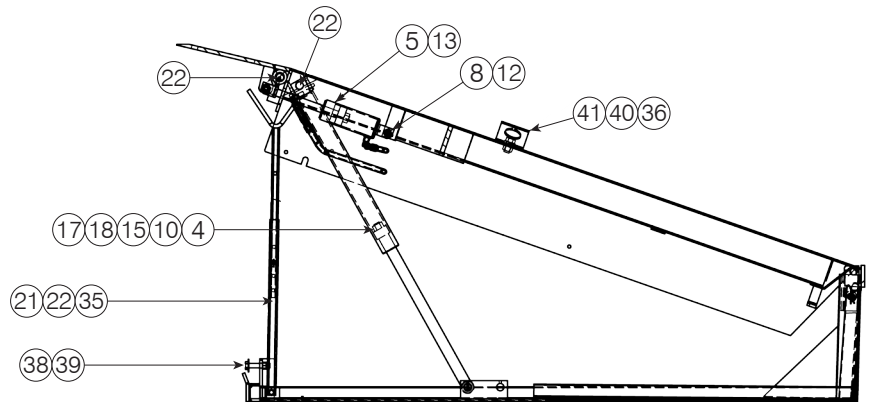
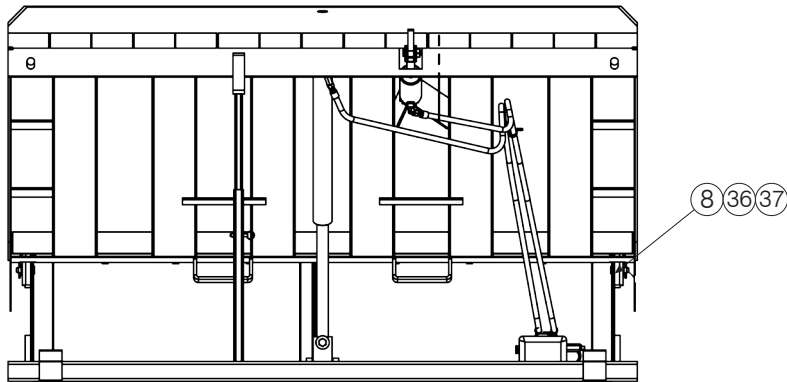
A-Series Mechanical Dock Leveler

ITEM	QTY.	PART #	DESCRIPTION
1	1	CALL FOR PART NUMBER	DECK WELDMENT
2	1	SEE PAGE 50	LIP WELDEMENT
3	1	SEE PAGE 50	SHAFT, LIP
4	2	010-037	CAPSCREW, HEX HD. 5/16"-18 X 3/4"
5	2	011-502	NUT, HEX 5/16"-18
6	2	012-200	WASHER, LOCK 5/16" HEL.
7	1	203-0019	FLOAT SPRING
8	2	107-196	PIN, CLEVIS
9	2	013-010	SPRING PIN, 1/4"X1-1/4 LG.
10	1	CALL FOR PART NUMBER	ARM, LIFTING WELDMENT
11	6	018-501	BEARING BALL-LOAD WHL
12	1	788-176	LIFTING ARM PIN
13	7	013-012	SPRING PIN, 1/4"X2"
14	2	CALL FOR PART NUMBER	SHAFT, MAINSPRING HANGER
15	4	CALL FOR PART NUMBER	WASHER FLAT, 1-1/16"ID X 2-1/2"OD
16	4	CALL FOR PART NUMBER	SPRING DOCK LEVELER MAIN
17	2	111-572	ADJUSTING BRACKET
18	4	013-134	RING, SPLIT STEEL - ZINC .875"DIA
19	2	788-085	U-BOLT BLOCK PIN ASSY
20	2	105-879	WASHER, 3/4"X1-3/16"X1/16"
21	2	111-570	ADJUSTABLE U-BOLT
22	5	011-510	NUT, HEX - 3/4"-10
23	1	109-791	LIFTING ARM ROLLER
24	2	018-500	BEARING
25	1	223-0000	AXLE, LOAD ROLLER (4 3/4"LG)
26	1	013-011	SPRING PIN 1/4"X1-3/8"
27	1	793-965	DOG ASSEMBLY
28	2	018-001	BUSHING
29	1	010-086	CAPSCREW, HEX HD. 3/4"-10X3-1/4"
30	1	109-107	SPRING EXTENSION
31	1	793-375	SHOCK ABSORBER
32	1	109-391	LIP PUSHER SHAFT
33	1	223-0005	COMPRESSION SPRING-LIP ASSIST
34	1	114-663	CLEVIS (MACHINED)
35	3	011-511	NUT, HEX JAM - 1"-8
36	2	793-092	CABLE ROLLER
37	3	010-027	CAPSCREW, HEX HD. 1/2"-13X2-1/2"
38	3	012-274	WASHER, 1-1/2"ODX.540"ID
39	3	011-554	NUT, HEX 1/2"-1 NYLON INSERT
40	1	CALL FOR PART NUMBER	FRAME WELD (6"W 6"LG 25#)
41	2	010-021	CAPSCREW, HEX HD. 1/2"-13X3/4"

ITEM	QTY.	PART #	DESCRIPTION
42	2	012-230	WASHER, LOCK-1/2" INT. TOOTH
43	1	788-037-2	HOLD DOWN BOX GENERAL ASSY
44	1	113-081	HOLD DOWN BOX PIN (MDL)
45	2	013-018	COTTER PIN 3/32"X1"
46	1	788-197	PULL CHAIN ASSEMBLY
47	1	010-007	CAPSCREW, HEX HD. 5/16"-18X1-1/2"
48	1	011-543	NUT, HEX-5/16"-18 NYLON INSERT
49	1	012-211	WASHER, FLAT 5/16" BS
50	1	200-5001	SAFETY STRUT ASSY
51	2	110-886	BUMPER DB13 - 10"X13"X4"
52	2	012-213	WASHER, FLAT 5/8" BS
53	1	010-101	CAPSCREW, 5/8"-11X3"
54	1	011-509	NUT, HEX 5/8"-11
55	1	039-066	PAINT, BLUE (FAST DRY ENAMEL)
56	1	108-120	SERIAL NUMBER PLATE
57	4	011-083	TACK (RIVET)
58	1	038-196	DECAL BLUE GIANT
59	1	038-010	DECAL, SAFETY STRIPE BLACK/YELLOW
60	1	223-5026	SPRING ROD
61	1	038-048-2	DECAL, WARNING
62	1	832-317	LABEL, WARNING
63	1	013-522	THIMBLE, CABLE
64	1	222-5097	SPRING CONNECTION PLATE
65	1	CALL FOR PART NUMBER	PIN, DECK HINGE
66	2	113-043	BAR, TILT
*MAY VARY BASED ON CONFIGURATION			

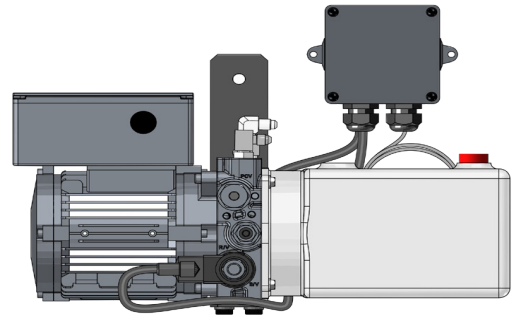


U-Series Hydraulic Dock Leveler



U-Series Hydraulic Dock Leveler

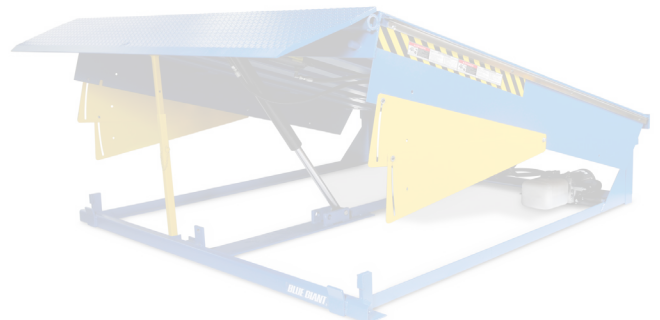
ITEM	QTY.	PART #	DESCRIPTION
1	1	CALL FOR PART NUMBER	FRAME WELDMENT
2	1	CALL FOR PART NUMBER	DECK WELDMENT
3	1	SEE PAGE 50	LIP WELDMENT
4	1	CALL FOR PART NUMBER	LIFT CYLINDER
5	1	SEE PAGE 50	LIP CYLINDER
6	1	034-515	FITTING
7	1	033-661	VELOCITY FUSE
8	3	107-196	CLEVIS PIN
9	1	112-740	CLEVIS PIN
10	1	018-001	BUSHING
11	1	011-530	3/4" HEX JAM NUTS
12	1	013-010	1/4 DIA. SPRING PIN 1.25 LG.
13	1	034-601	FITTING
14	1	23-003569	PIN
15	2	113-096	PIVOT BLOCK TOP PLATE
16	4	018-017	BUSHING
17	4	010-077	CAP SCREW 3/8-16 X 1-1/4 HH GR.2 ZC, F/T
18	4	012-201	LOCK WASHERS 3/8" HELICAL
19	1	25-002125	ROD END PIN
20	1	013-007	3/16 DIA. SPRING PIN X 1.250
21	1	010-027	HHCS
22	1	011-554	NYLON INSERT LOCKNUTS
23	2	106-389	WASHER 1 X 1 3/4 X 1/16
24	2	012-255	SPACER 1.06 ID. X 1 5/8 OD.
25	1	109-690	SHAFT
26	2	010-006	CAP SCREW 5/16-18 X 1 HH GR. 5 ZC
27	2	011-502	HEX NUTS (U.S.)
28	2	012-200	SPRING LOCK WASHERS 5/16"
29	1	SEE PAGE 34	POWER PACK
30	2	010-021	1/2-13 X 3/4 HH BOLT
31	2	012-220	REGULAR SPRING LOCK WASHERS
32	2	034-585	FITTING 90 DEG. EBLow
33	1	788-621	HOSE ASSY, LIP
34	1	788-329	HOSE ASSY, LIP
35	1	200-5001	SAFETY STRUT ASSY.
36	4	012-266	FLAT WASHERS (U.S.) 3/4"
37	2	013-029	HAIRPIN COTTER
38	1	010-184	5/8"-11 UNC X 3" HH BOLT, GR.8, PLATED
39	1	012-213	FLAT WASHERS (U.S.) 5/8"
40	2	010-067	CAP SCREW 3/4-10 X 1 1/2 HH GR.5 ZC
41	2	103-761	LIFTING BRACKET
*MAY VARY BASED ON CONFIGURATION			

**HYDRAULIC DOCK LEVELERS POWER PACKS**

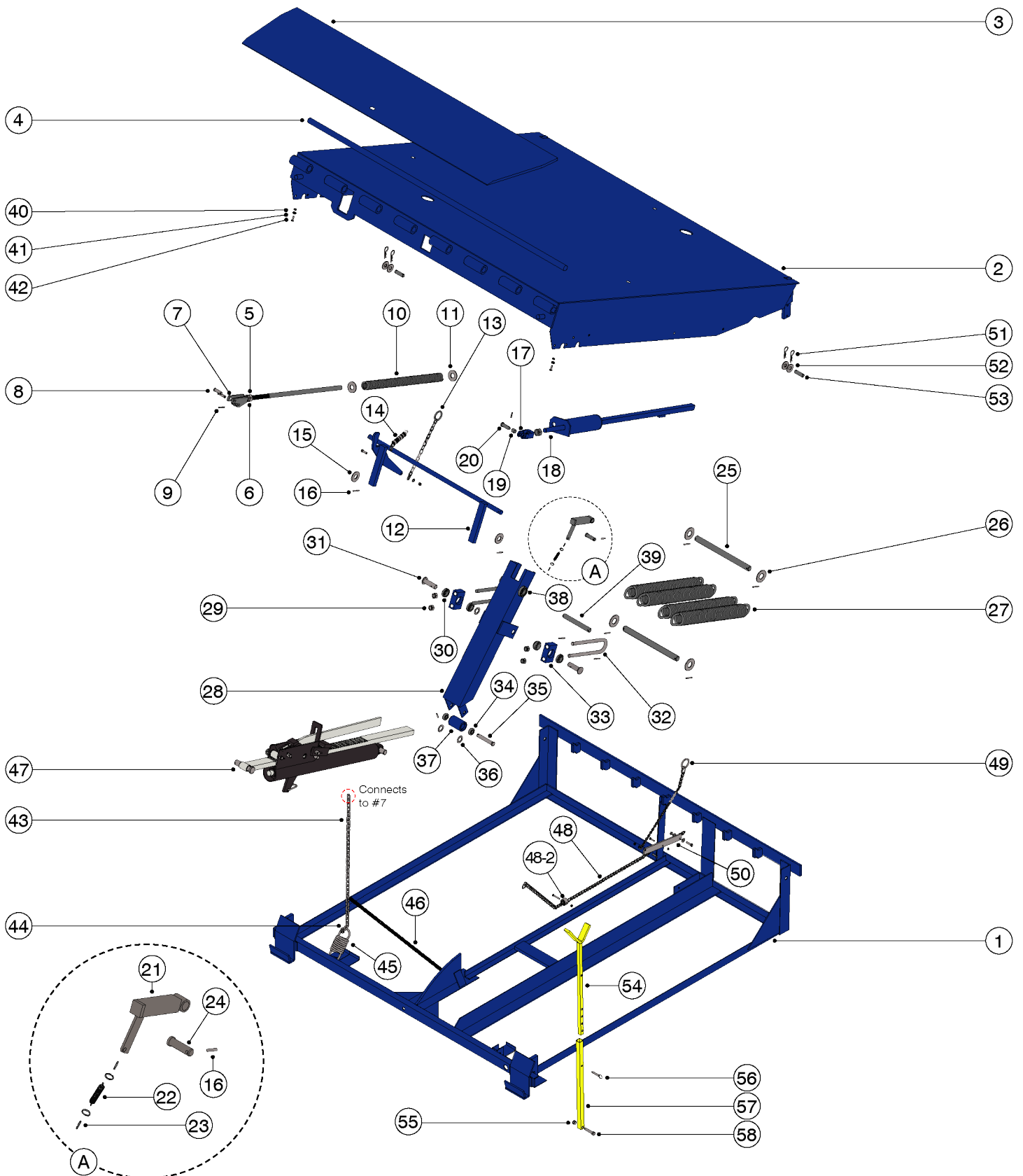
QTY	PART #	DESCRIPTION
1	033-400-24-K	POWERPACK, FH, 575/3/60, 1HP, UND60K
	033-401-24-K	POWERPACK, FH, 110-230/1/60, 1HP, UND60K
	033-402-24-K	POWERPACK, FH, 220-440/3/60, 1HP, UND60K
	033-403-1K	POWERPACK, FE, 115-230/1/50-60, 1HP, UND60K
	033-404-1K	POWERPACK, FE, 230-460/3/50-60, 1HP, UND60K
	033-405-1K	POWERPACK, FE, 575/3/60, 1HP, UND60K

**HYDRAULIC DOCK LEVELERS CYLINDERS**

QTY	PART #	DESCRIPTION
1	788-599-1K	CYLINDER-LIP ASSY - FH D/LEV
	788-636-1K	CYLINDER, DOCK LEVELER, 50MM DIA, 35MM ROD, 557MM STROKE



U-Series Mechanical Dock Leveler

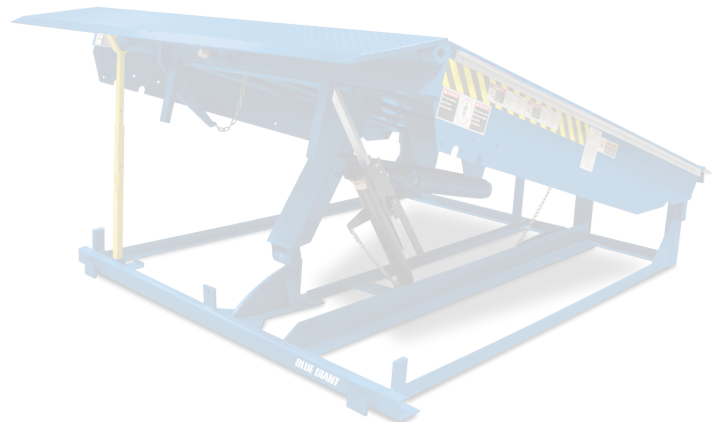


U-Series Mechanical Dock Leveler

ITEM	QTY.	PART #	DESCRIPTION
1	1	CALL FOR PART NUMBER	FRAME
2	1	CALL FOR PART NUMBER	DECK
3	1	SEE PAGE 50	LIP
4	1	SEE PAGE 50	LIP SHAFT
5	2	011-531	HEX NUT
6	1	011-511	HEX JAM NUT
7	1	1003160	THREAD ROD WELDMENT
7B	1	200-03455-1	
8	2	013-628	CLEVIS PIN
9	3	013-010	SPRING PIN
10	1	1003131	LIP ASSIST SPRING
10B	1	200-03460	
11	2	012-250	FLAT WASHER 1"
12	1	24-000608	FALL SAFE WELDMENT
13	1	788-197-1	PULL CHAIN ASSEMBLY
14	1	017-012	TENSION SPRING
15	2	105-879	FLAT WASHER
16	7	013-012	SPRING PIN
17	1	114-663	CLEVIS (MACHINED)
18	1	1003157	SHOCK ASSEMBLY, LIP LOCKOUT
18B	1	24-003409	
19	1	018-001	BUSHING, SUPER OILITE
20	1	107-196	CLEVIS PIN
21	1	793-965	DOG ASSEMBLY
22	1	109-107	EXTENSION SPRING
23	4	013-134	SPLIT RING
24	1	222-0010	DOG PIN
25	2	109-137	MAIN SPRING HANGER SHAFT
26	4	105-882	FLAT WASHER
27	4	24-012508-1	DECK TENSION SPRING
27B	5*	223-0004	
28	1	1003156	LIFTING ARM WELDMENT
28B	1	24-003406	
29	4	011-510	HEX NUT
30	4	018-501	BALL BEARING LOAD WHEEL
31	2	788-085	ARM SHAFT 3-3/4" X 1-1/4" X 3/9"
32	2	111-570	ADJUSTABLE U-BOLT
33	2	111-572	ADJUSTING BRACKET
34	2	018-500	BEARING
35	2	223-0000	AXLE, LOAD ROLLER
36	2	106-389	WASHER SPACER
37	1	109-791	LIFTING ARM ROLLER
38	2	018-501	BEARING, LIFTING ARM
39	1	113-207	LIFTING ARM PIN
40	2	011-502	HEX NUT
41	2	012-201	LOCK WASHER 3/8"

ITEM	QTY.	PART #	DESCRIPTION
42	2	010-039	CAP SCREW 3/8-16 X 1 HH GR .5 ZC
43	1	091-021-0320	1/4" CHAIN
44	2	013-616	ROUND PIN ANCHOR, 5/16" SHACKLE
45	1	1002455	LIP ACTIVATING SPRING
46	1	1003133	TENSION SPRING
47	1	22-003769-1	RATCHET HOLD-DOWN ASSEMBLY
48	1	1003221	RATCHET RELEASE CHAIN ASSEMBLY
48-2	1	1002299	STOP BLOCK
49	1	1002445	RELEASE CHAIN, 21" (533 MM)
50	1	1001386	EASY RELEASE HANDLE
51	4	013-029	HAIRPIN COTTER
52	4	012-214	FLAT WASHER 3/4"
53	2	26-005610	REAR FIXED HINGE PIN
54	1	1003225	UPPER STRUT WELD
55	1	011-554	HEX SELF LOCK NUT
56	1	013-587	QUICK RELEASE PIN
57	1	113-414	LOWER STRUT WELD
58	1	010-027	HHCS 1/2 -13 UNC X 2.5"
59	1	24-003386	LIP PUSHER SHAFT
60	1	223-0005	COMPRESSION SPRING, LIP ASSIST
61	3	011-531	HEX NUT
62	1	013-010	SPRING PIN
63	1	114-663	CLEVIS
64	1	107-196	CLEVIS PIN

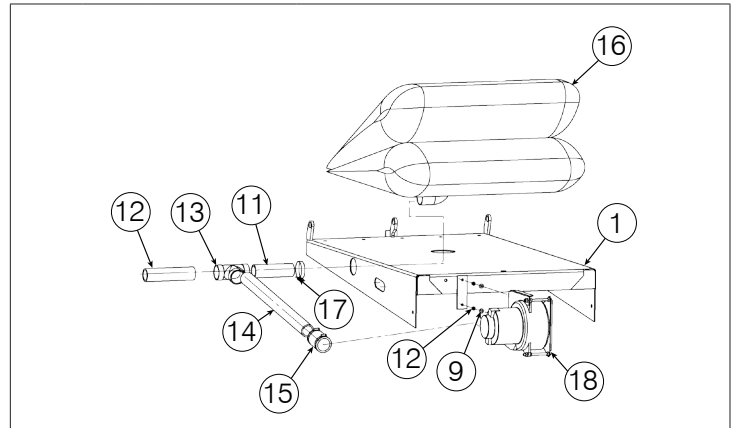
*MAY VARY BASED ON CONFIGURATION



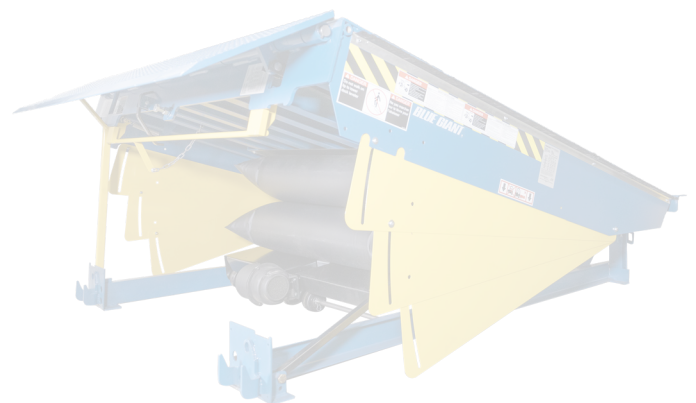
U-Series Airbag Dock Leveler

ITEM	QTY.	PART #	DESCRIPTION
1	1	CALL FOR PART NUMBER	FRAME WELDMENT
2	1	CALL FOR PART NUMBER	DECK WELDMENT ASSEMBLY
3	1	CALL FOR PART NUMBER	LIP WELDMENT
4	2	113-096	PIVOT BLOCK TOP PLATE
5	1	22-000998	MAIN SPRING
6	1	26-04347	ARM ASSEMBLY
7	1	CALL FOR PART NUMBER	PLATFORM ASSEMBLY RH
8	1	CALL FOR PART NUMBER	PLATFORM ASSEMBLY LH
9	1	26-004687	FALL SAFE WELDMENT
10	1	26-004689	FALL SAFE TILT HANDLE
11	1	26-005447-2	PIN
12	1	26-005447-3	PIN
13	1	165-9197	RUBBER BUMPER
14	1	012-211	FLAT WASHERS (U.S.)
15	1	26-004979	STOPPER (BELOW LEVEL)
16	1	26-004820	FLEX PIPE COUPLING
17	3	013-012	SPRING PIN
18	1	26-004828	CABLE ASSEMBLY
19	1	26-004829	CHAIN ASSEMBLY
20	2	26-004824	CABLE ROLLER ASSEMBLY
21	2	011-080	SOCKET HEAD SHOULDER SCREWS (UNRC)
22	4	012-212	FLAT WASHERS (U.S.)
23	2	012-252	3/8" FLAT WASHER
24	2	011-552	NYLON INSERT LOCKNUTS 3/8"-16 (U.S.)
25	1	26-004338	CABLE, BALL END
26	1	200-0346-1	LIP ASSIST SPRING ASSEMBLY
27	4	010-040	CAP SCREW 3/8-16 X 1 1/2 HH GR.5
28	4	012-201	LOCK WASHERS 3/8" HELICAL
29	2	26-005610	PIN (FIXED REAR HINGE)
30	4	013-029	LOCK PIN
31	4	012-214	FLAT WASHERS (U.S.)
32	1	017-012	TENSION SPRING
33	1	26-004830	SAFETY STRUT ASSEMBLY
34	1	013-621	CLEVIS PIN
35	1	013-024	COVER PIN 5/32
36	1	109-699	SHAFT
37	2	011-502	HEX NUTS (U.S.)
38	2	010-006	CAP SCREW 5/16-18 X 1 HH GR. 5 ZC
39	2	012-200	"REGULAR SPRING LOCK WASHERS 5/16"
40	1	010-003	CAP SCREW 1/4-20 X 2 HH
41	1	011-545	NYLON INSERT LOCKNUTS 1/4" -20 (U.S.)
42	1	010-027	HHCS
43	1	011-554	NYLON INSERT LOCKNUTS 1/2"-13

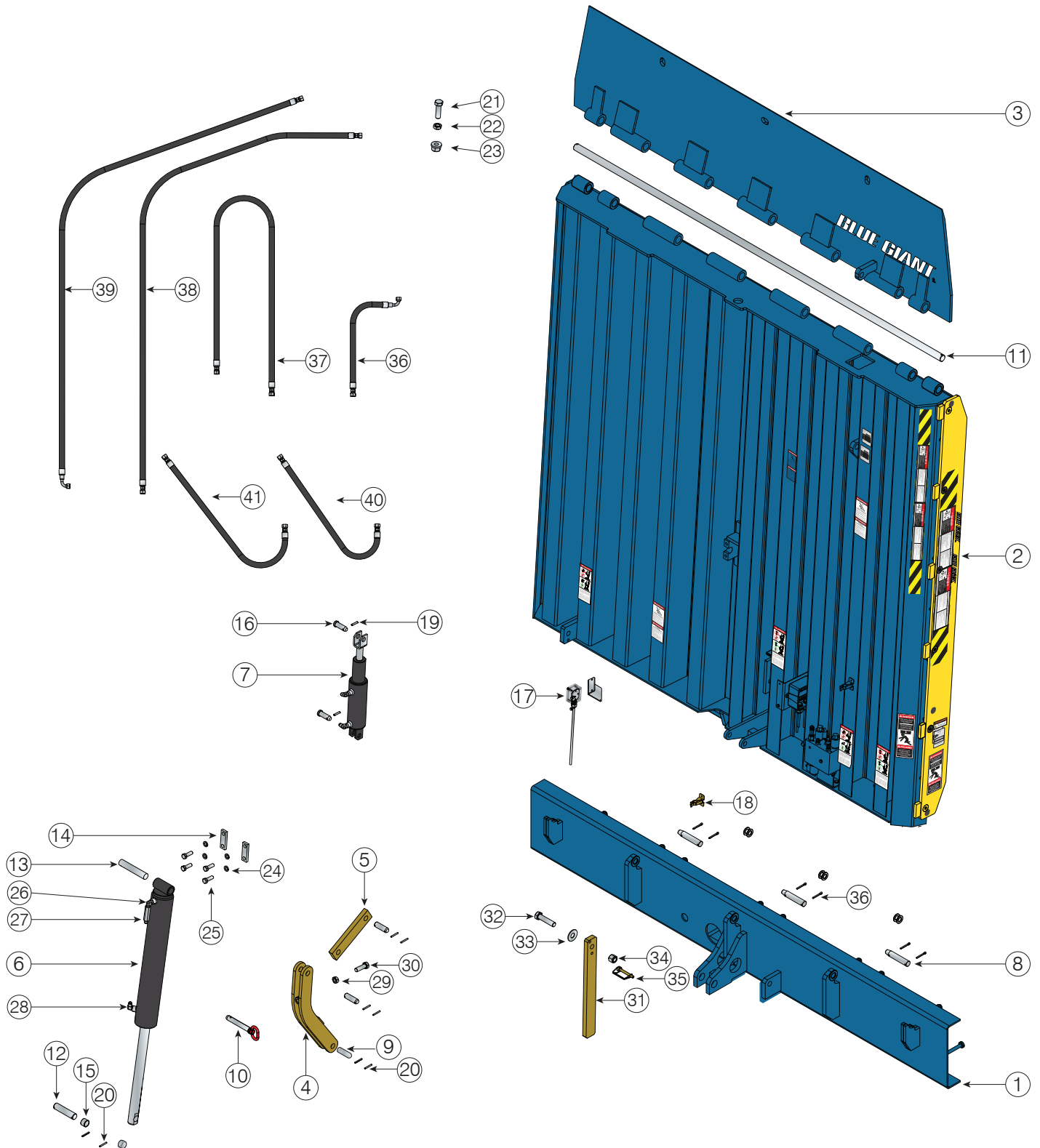
ITEM	QTY.	PART #	DESCRIPTION
44	1	26-004530-3	PIVOT PIN
45	1	26-05535	ADJUSTABLE SPRING CLEVIS
46	2	011-508	HEX NUTS (U.S.)
47	2	26-005444	WASHER
48	2	011-518	NUTS HEX 5/16 – 24 PLTD
*MAY VARY BASED ON CONFIGURATION			



KIT DESCRIPTION			AIRBAG ASSEMBLY
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
1	1	26-004693	LOWER PLATFORM WELD
9	2	012-210	FLAT WASHERS
11	1	26-004981-1	PIPE
12	1	26-004981	PIPE
13	1	26-004821	TEE COUPLING
14	1	26-004981-3	PIPE
15	1	26-004820	FLEX PIPE COUPLING
16	1	26-004827	AIR BAGS
17	1	035-743	HOSE CLAMP 2 1/2"
18	1	26-005620	BLOWER MOTOR ASSEMBLY

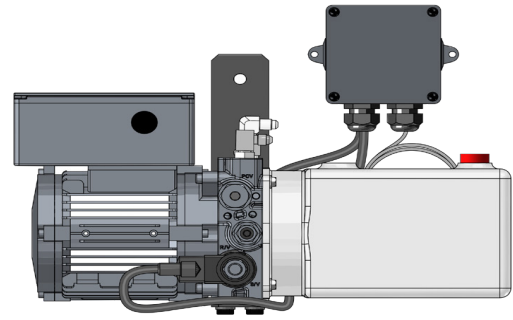


Vertical Storing Dock Leveler



Vertical Storing Dock Leveler

ITEM	QTY.	PART #	DESCRIPTION
1	1	CALL FOR PART NUMBER	BACK FRAME WELDMENT
2	1	CALL FOR PART NUMBER	DECK WELD
3	1	SEE PAGE 50	LIP PLATE WELDMENT
4	1	1000847-1	SERVICE STAND
5	1	1000839	SERVICE STAND - TOP LINK
6	1	23-014490-3	DECK CYLINDER ASSEMBLY 2" CUSHION
7	1	213-5058-1	LIP CYLINDER ASSEMBLY, DOUBLE ACTING
8	3	2013770	PIVOT PIN
9	3	23-012803-1	PIVOT PIN
10	1	013-077	LOCK PIN
11	1	CALL FOR PART NUMBER	SHAFT
12	1	23-012717-1	CYLINDER PIN ROD
13	1	090-189-0054	PIN
14	2	23-003568	CLEVIS PLATE
15	2	018-121	BUSHING
16	2	107-196	CLEVIS PIN
17	1	23-013313	INCLINOMETER ASSEMBLY
	1		BRACKET
	2	011-159	SELF-TAPPING SCREWS 1/4"
18	1	013-537	TOOL HOLDER ZINC PLATED 5/8" - 7/8"Ø
19	2	013-010	SPRING PIN 1/4"Ø 1.25" LONG
20	14	013-127	SPRING PIN 3/16"Ø X 1.50" LONG
21	2	010-060	HHCS 5/16-18 UNC X 1 GR.5 ZN
22	2	012-200	REGULAR SPRING LOCK WASHERS 5/16" (U.S.)
23	2	011-530	HEX NUTS (U.S.)
24	4	012-220	REGULAR SPRINGLOCK WASHERS
25	4	011-075	HHCS 1/2-13 UNC X 1-1/2"
26	1	034-515	FITTING 4MP-4MP-90
27	1	033-661	VELOCITY FUSE
28	1	034-601	ADAPTOR 90° FITTING
29	1	011-527	HEX JAM NUT
30	1	010-066	SCREW CAP HHCS 5/8-11, GR.5
31	1	2015275-1	MAINTENANCE STRUT - 12" PIT
		2015275-2	MAINTENANCE STRUT - 15" PIT
32	1	010-086	SCREW SHOULDER 3/4 X 1-3/4" LONG
33	1	012-214	FLAT WASHERS (U.S.) 3/4"
34	1	011-535	FLANGE HEX LOCKNUT 3/4" - 10
35	1	013-078	LINCH PIN 3/8"Ø X 2-1/4" USABLE
36	6	013-025	COTTER PIN, 3/15X1 1/2

**VERTICAL STORING DOCK LEVELER**

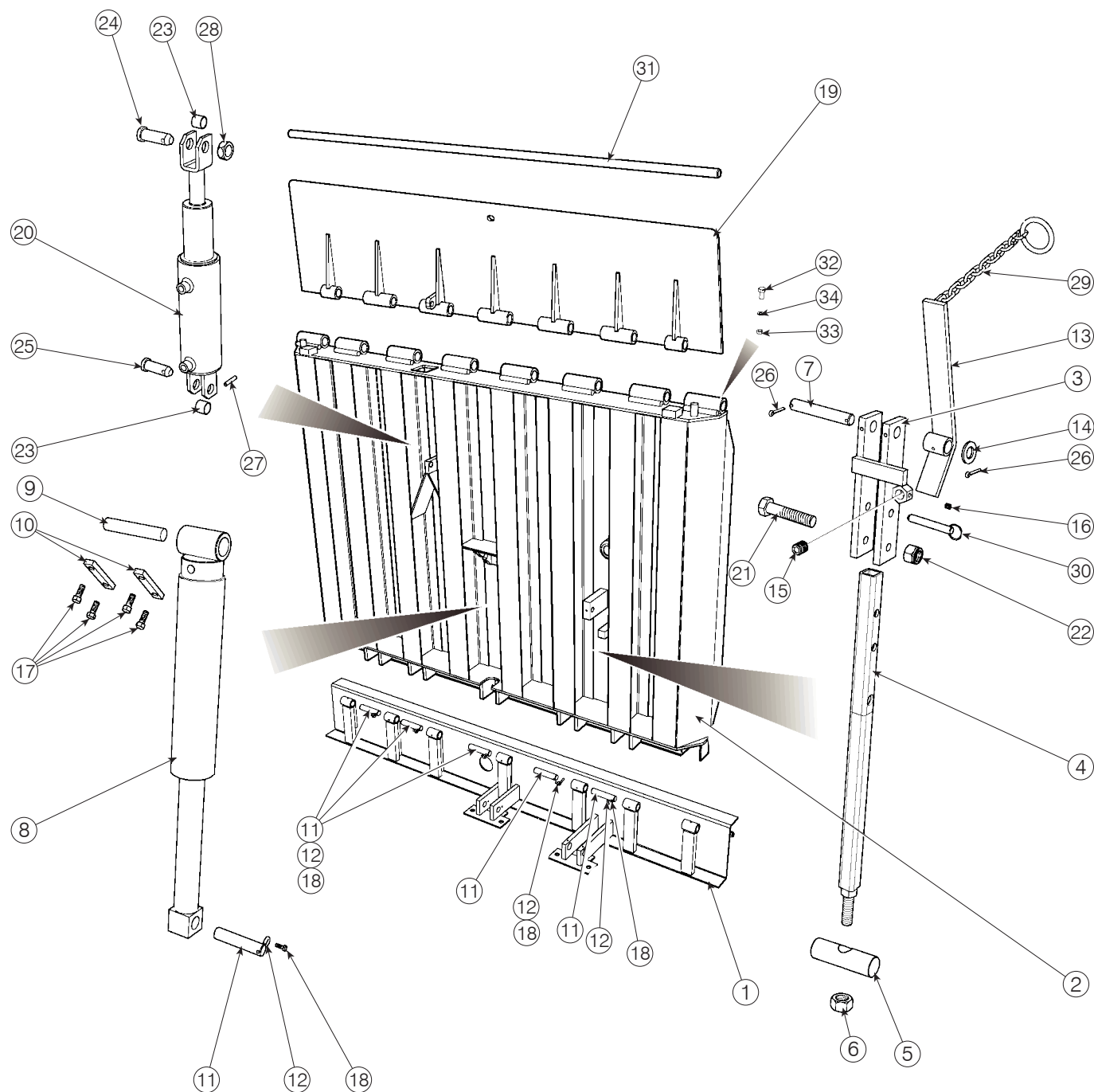
QTY	PART #	DESCRIPTION
1	033-463-K	POWERPACK, V-DOCK, 575/3/50-60, 1HP, UND60K
	033-462-K	POWERPACK, V-DOCK, 230-460/3/50-60, 1HP, UND60K
	033-461-K	POWERPACK, V-DOCK, 115-230/1/50-60, 1HP, UND60K

**HYDRAULIC DOCK LEVELERS CYLINDERS**

QTY	PART #	DESCRIPTION
1	788-599-1K	CYLINDER-LIP ASSY - FH D/LEV
	788-636-1K	CYLINDER, DOCK LEVELER, 50MM DIA, 35MM ROD, 557MM STROKE



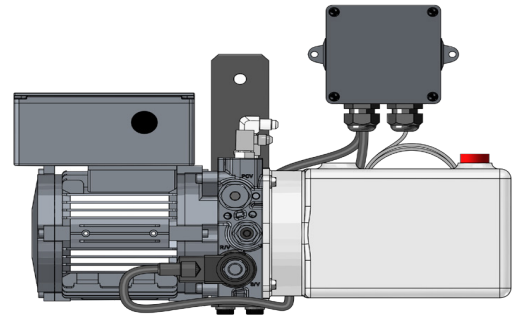
A-Series Vertical Storing Dock Leveler



A-Series Vertical Storing Dock Leveler

ITEM	QTY.	PART #	DESCRIPTION
1	1	CALL FOR PART NUMBER	BACK FRAME WELDMENT
2	1	CALL FOR PART NUMBER	DECK WELDMENT
3	1	200-02687	SELF LOCKING ARM ASSEMBLY
4	1	232-5013	SELF LOCKING TUBE SLIDER ASSEMBLY
5	1	119-024	SELF LOCKING PIVOT PIN
6	1	011-510	NUT, HEX 3/4"-10
7	1	200-02703	PIN, HANGER
8	1	CALL FOR PART NUMBER	CYLINDER ASSEMBLY
9	1	119-052	HYD LIFT RETAINER PIN
10	2	113-096	CYLINDER PIVOT TOP PLATE
11	6	CALL FOR PART NUMBER	PIN, CYLINDER
12	6	200-01226	LOCK PIN 1/4"DIA X 1-5/8" X 9/64" R.
13	1	785-455	SELF LOCKING RELEASE LEVER ASSY
14	1	012-266	WASHER, 3/4"
15	1	014-054	SETSCREW, SOCKET 5/8"-11 X 1"
16	1	014-068	SCREW BRASS TIP SET 5/16-24 X 1/2
17	4	010-039	CAPSCREW, HEX HD. 3/8-16 X 1"
18	6	010-000	CAPSCREW, HEX HD. 1/4"-20 X 3/4"
19	1	SEE PAGE 50	LIP WELDMENT
20	1	211-7002	CYLINDER ASS'Y (DOUBLE ACTING)
21	1	010-103	CAPSCREW HEX HEAD 3/4" X 3-1/2"
22	1	011-535	NUT, HEX 3/4"-10 NYLON INSERT
23	2	018-001	BUSHING, 3/4" LG
24	1	112-740	CLEVIS PIN
25	1	107-196	PIN, CLEVIS
26	2	013-000	PINS COTTER 3/16" X 1-1/4"
27	1	013-010	SPRING PIN 1/4" X 1-1/4" LG.
28	1	011-530	NUT, HEX JAM 3/4"-10
29	1	782-276	CHAIN, PULL ASSY
30	1	785-454	SAFETY PIN ASSY
31	1	SEE PAGE 50	SHAFT LIP
32	2	010-012	CAPSCREW, HEX HD. 3/8"-16 X 3/4"
33	2	011-502	NUT, HEX - 5/16"-18
34	2	012-200	LOCKWASHER HELICAL-5/16"

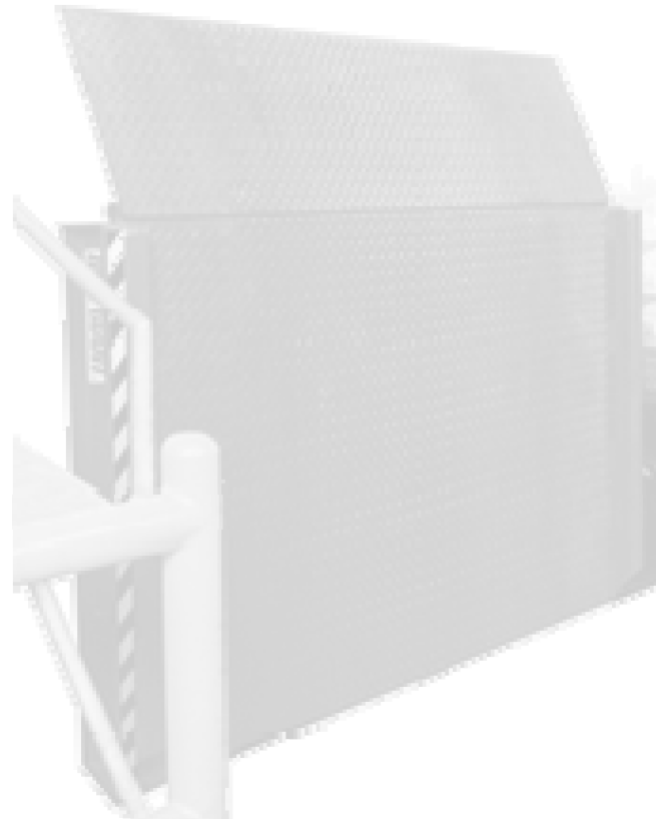
*MAY VARY BASED ON CONFIGURATION

**VERTICAL STORING DOCK LEVELER**

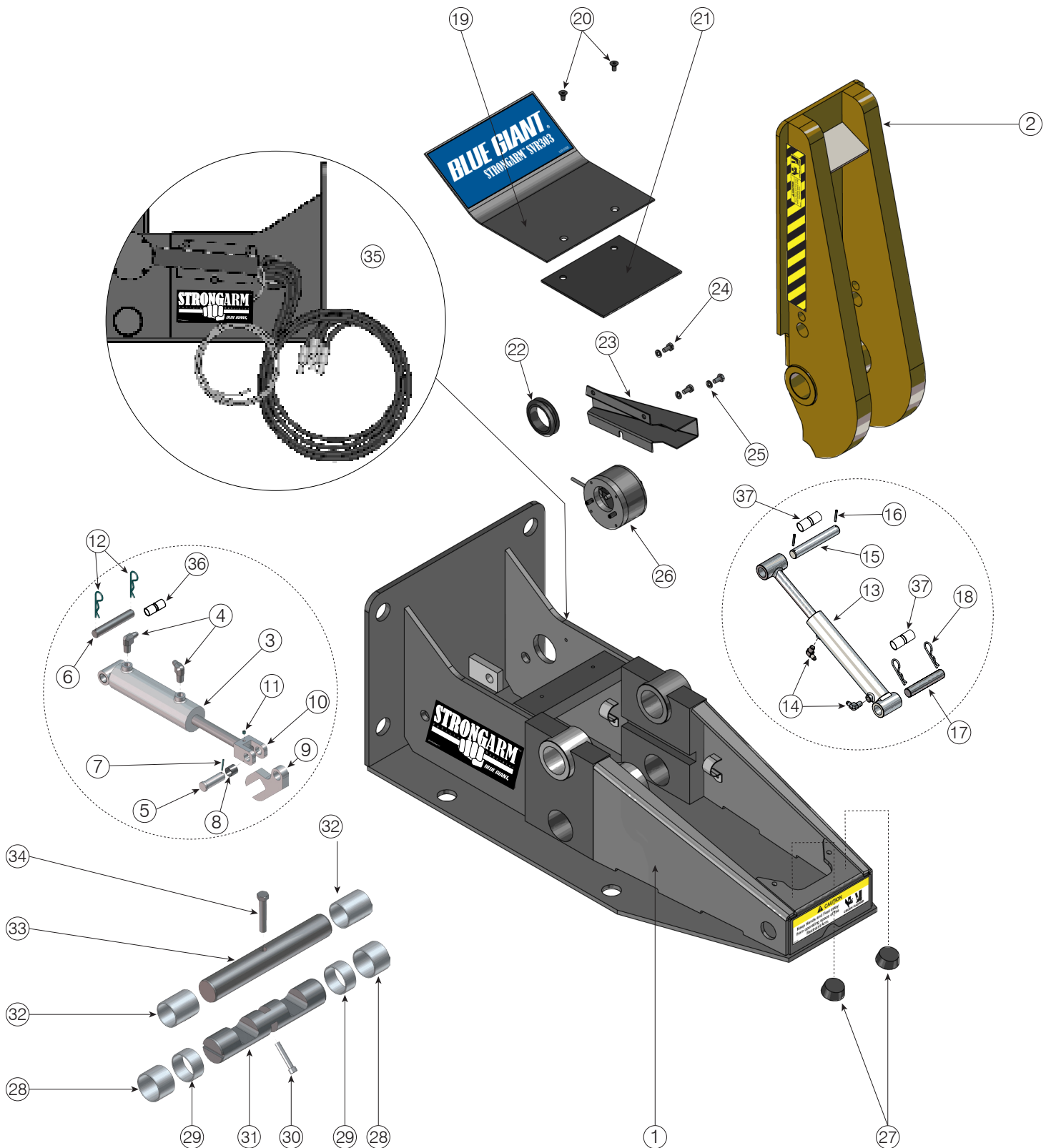
QTY	PART #	DESCRIPTION
1	033-463-K	POWERPACK, V-DOCK, 575/3/50-60, 1HP, UND60K
	033-462-K	POWERPACK, V-DOCK, 230-460/3/50-60, 1HP, UND60K
	033-461-K	POWERPACK, V-DOCK, 115-230/1/50-60, 1HP, UND60K

**HYDRAULIC DOCK LEVELERS CYLINDERS**

QTY	PART #	DESCRIPTION
1	788-599-1K	CYLINDER-LIP ASSY - FH D/LEV
	788-636-1K	CYLINDER, DOCK LEVELER, 50MM DIA, 35MM ROD, 557MM STROKE



SVR303 Vehicle Restraint – Hydraulic

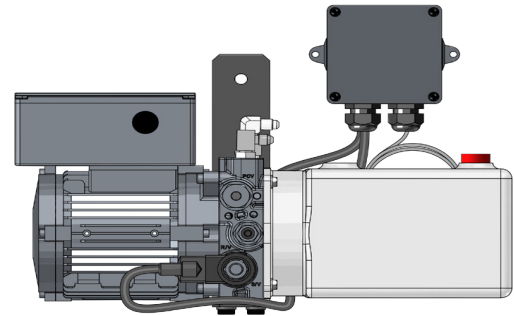


SVR303 Vehicle Restraint – Hydraulic

ITEM	QTY.	PART #	DESCRIPTION
1	1	54-010979	CHASSIS WELDMENT
		54-010979-ZP	CHASSIS WELDMENT, ZINC PLATED
2	1	54-011050	ARM WELDMENT
3	1	54-00004	LOCK CYLINDER
4	2		FITTING (PART # 034-619)
5	1	54-00022	ROD END PIN
6	1	54-000513	LOCK CLEVIS PIN
7	1	013-020	SPRING PIN 1/8 Ø X 1"
8	1	018-638-1	PLASTIC BUSHING 5/8" X 5/8" L
9	1	54-00043	LUG
10	1	54-00008	CLEVIS
11	1	014-013	ALLEN SET SCREW 1/4 X 28 UNF
12	2	013-028	HAIRPIN COTTER
13	1	54-001799	ARM CYLINDER
12	2	013-028	HAIRPIN COTTER
13	1	54-001799	ARM CYLINDER
14	2		FITTING
15	1	54-00021	ARM ROD END PIN
16	2	013-127	3/16"Ø SPRING PIN X 1.50
17	1	54-000506	ARM CLEVIS PIN
18	2	013-029	HAIRPIN COTTER
19	1	54-010983	BODY COVER
		54-010983-ZP	BODY COVER, ZINC PLATED
20	2	011-037	FHSCS
21	1	54-001608	RUBBER SEAL
22	1	037-090	RUBBER GROMMET
23	1	54-001600	CABLE COVER
		54-001600-ZP	CABLE COVER, ZINC PLATED
24	3	010-072	CAP SCREW 1/4-20 X 1/2 HH
25	3	012-202	REGULAR SPRING LOCK WASHERS
26	1	54-011350	SENSOR HUB ASSEMBLY
		54-011350-ZP	SENSOR HUB ASSEMBLY, ZINC PLATED
27	2	165-9197	RUBBER BUMPER
28	2	018-635-1	PLASTIC BUSHING 2"Ø X 1-1/2" L
29	2	018-634-1	PLASTIC BUSHING 2"Ø X 1" L
30	1	011-184	SOCKET HEAD CAP SCREW 3/8 X 24UNF X 2
31	1	54-000534	LOCK PIN
32	2	018-636-1	PLASTIC BUSHING 1-3/4"Ø X 2" L
33	1	54-006851-1	ARM PIVOT PIN
34	1	010-211	HEX HEAD CAP BOLT 1/2 -13 UNC X 2 3/4

**NOT IN THIS ASSEMBLY. THESE ITEMS ARE SOLD SEPARATELY.
HOSE #4 HIGH PRESSURE
(LENGTH MAY CHANGE BASED ON APPLICATION)**

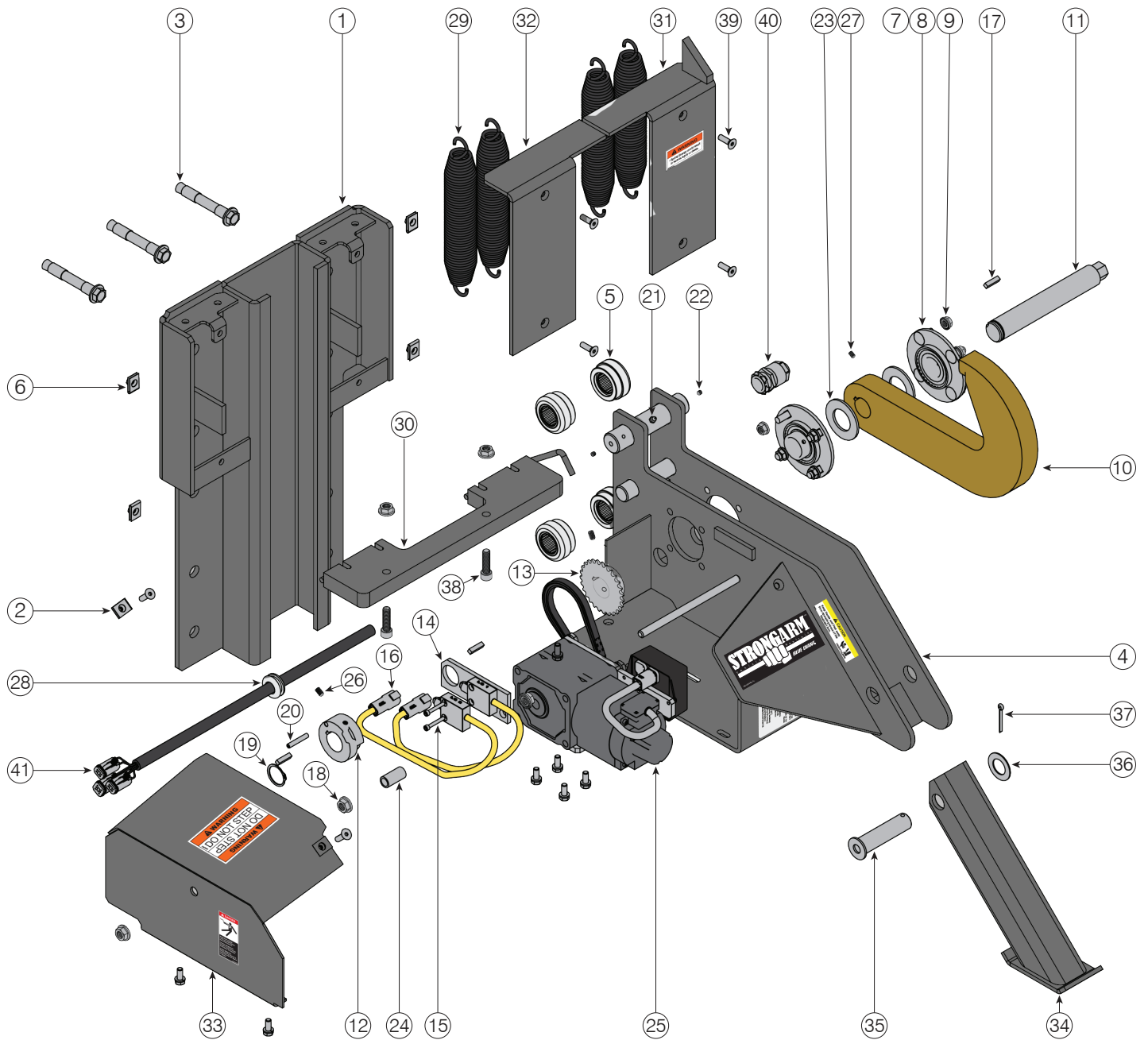
ITEM	QTY.	PART #	DESCRIPTION
35	2	100-5022-3	21' (6.4M)
	2	100-5022-4	23' (7.0M)
	2	100-5022-3	15' (4.6M)
	2	100-5022-4	17' (5.2M)
36	2	54-00007	IGUS BUSHING GSI-1011-16
37	4	54-001273	IGUS BUSHING GSI-1618-20

**SVR303 VEHICLE RESTRAINT – HYDRAULIC**

QTY	PART #	DESCRIPTION
1	033-441-K	POWERPACK, SVR303, 115-230/1/50-60,
	033-445-K	POWERPACK, SVR303, 208-460/3/50-60,
	033-447-K	POWERPACK, SVR303, 575-600/3/60,



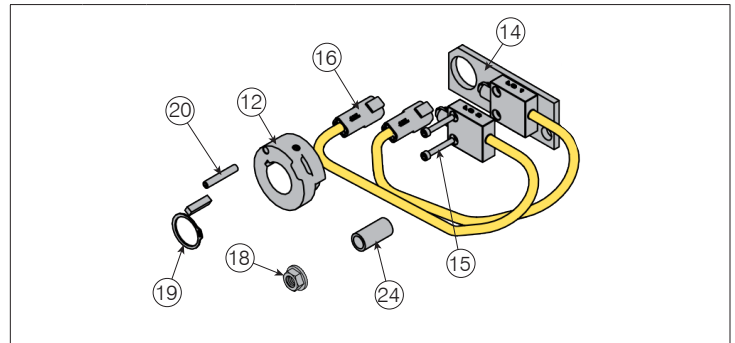
HVR303 Vehicle Restraint – Hydraulic



HVR303 Vehicle Restraint – Hydraulic

ITEM	QTY.	PART #	DESCRIPTION
1	1	56-010198	ROLLER TRACK WELD
		56-010198-ZP	ROLLER TRACK WELD, ZINC PLATED
2	1	011-864	CAGE NUT 5/16 UNC
3	15	010-239	SELF-TAPPING ANCHOR
4	1	56-010196	CARRIAGE WELD
		56-010196-ZP	CARRIAGE WELD, ZINC PLATED
5	4	019-034	ROLLER ASSEMBLY
6	4	011-864	CAGE NUT 5/16 UNC
7	4	018-646	ARM BEARING
8	8	014-084	CARRIAGE BOLT 3/8 X 1 - GR5 - ZINC PL
9	8	011-865	SERRATED-FLANGE HEX. NUT 3/8"-16
10	1	56-011216	HOOK ARM WELD
11	1	56-010140	HOOK SHAFT
12	1	56-010237	SHAFT CAM
13	1	023-048	CHAIN SPROCKET
14	1	56-010175	LIMIT SWITCH BRACKET
15	2	011-094	SHCS 10-32 X 1 1/2"
16	2	026-H19	LIMIT SWITCH C/W CONNECTOR
17	3	118-755	KEY 1/4" SQ X 1" LG
18	5	011-863	SERRATED-FLANGE HEX. NUT 7/16"-14
19	1	013-036	EXTERNAL RETAINING RING ID 1.25
20	1	013-625	SPRING PIN 1/4" X 1 1/2" LONG
21	2	019-500	NIPPLE STRAIGHT GREASE 1/4"
22	4	014-013	SET SCREW 1/4-28UNF X 1/4
23	2	012-326	FLAT WASHER TYPE A 1 3/8ID X 1/8THK
24	1	56-010238	LIMIT SWITCH TUBE
25	1	1005462	GEARMOTOR ASSEMBLY
26	2	014-004	SETSCREW, SOCKET HD 5/16 X 1/2 UNC
27	1	014-002	SET SCREW - 1/4"X 3/8" UNC.
28	1	037-053	PUSH-IN GROMMET ID 3/4 X OD 1 1/16 X 1/4
29	4	56-010295	EXTENSION SPRING OD 1.875 X 10.75 LONG
		56-010193	SPRINGS BAR WELD
30	1	56-010193-ZP	SPRINGS BAR WELD, ZINC PLATED
		56-010306	L SPRING COVER WELD
31	1	56-010306-ZP	L SPRING COVER WELD, ZINC PLATED
		56-010304	R SPRING COVER
32	1	56-010304-ZP	R SPRING COVER, ZINC PLATED
		56-010387	MOTOR COVER ASSEMBLY
33	1	56-010387-ZP	MOTOR COVER ASSEMBLY, ZINC PLATED

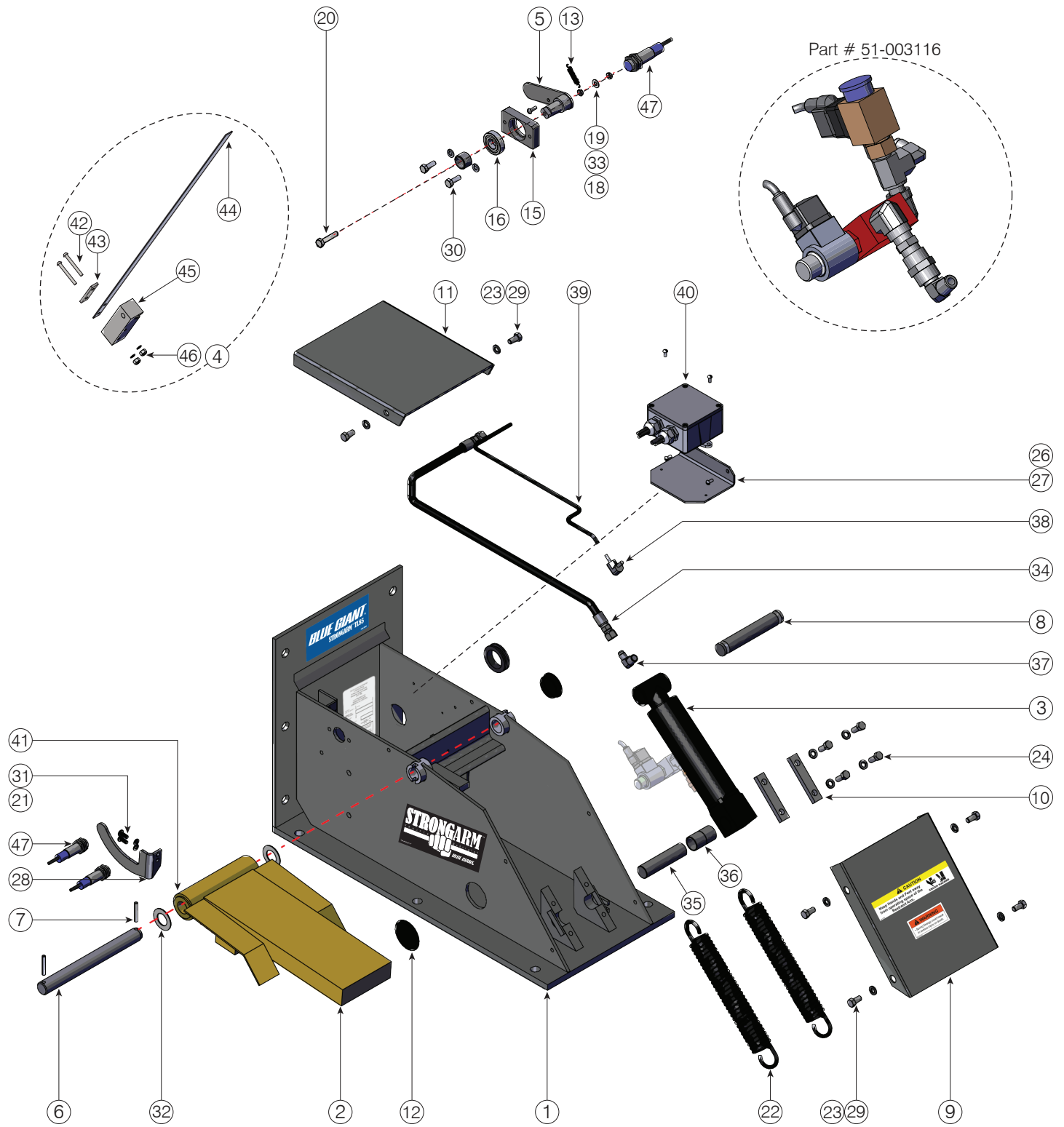
ITEM	QTY.	PART #	DESCRIPTION
34	1	56-010319	EXTENSION ARM WELD
		56-010319-ZP	EXTENSION ARM WELD, ZINC PLATED
35	1	56-010569	EXTENSION PIN - WELD
36	1	106-389	SPACER WASHER
37	1	013-025	COTTER PIN 3/16" X 1.5"
38	2	010-232	SOCKET CAP SCREW 7/16" 14 X 1 1/2" L
39	5	011-042	CAP SCREW, HEX SOCKET F/H 5/16 - 18 X 1"
40	1	025-023	FITTING SR-75-625
41	1	026-H18	HARNESS CABLE - ASSY



KIT PART #			600-006
KIT DESCRIPTION			HVR - CAM REPLACEMENT KIT
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
14	1	56-010175	LIMIT SWITCH BRACKET
15	2	011-094	SCREW,CAP,HEX SOCKET
16	2	026-H19	HVR LIMIT SWITCH CONNECTOR ASSEMBLY
24	1	56-010238	LIMIT SWITCH TUBE
20	1	013-625	SPRING PIN 1/4" X 1 1/2" LONG
19	1	013-036	EXTERNAL RETAINING RING - ID 1.25
18	5	011-863	SERRATED-FLANGE HEX. NUT 7/16"-14



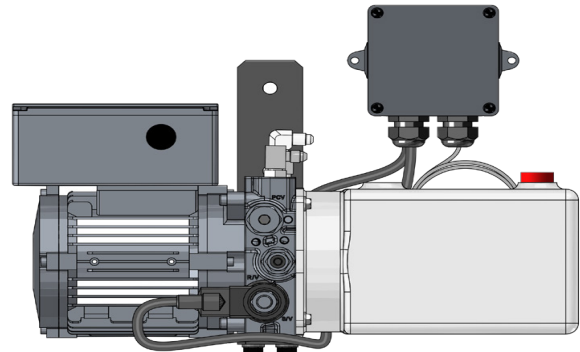
TL85 Vehicle Restraint - Hydraulic



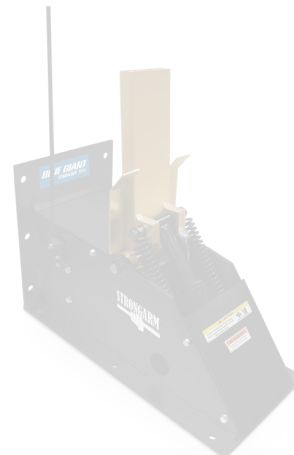
TL85 Vehicle Restraint - Hydraulic

ITEM	QTY.	PART #	DESCRIPTION
1	1	51-001977	BODY WELDMENT
		51-001977-ZP	BODY WELDMENT, ZINC PLATED
2	1	51-012864	ARM ASSEMBLY 26"(660MM) WITH BUSHINGS
3	1	035-662	CYLINDER ASSEMBLY 2"Ø (51MM)
4	1	51-012862	SENSOR WAND ASSEMBLY
5	1	51-002052	WAND AXLE WELDMENT
6	1	115-099	HINGE PIN
7	2	013-011-1	SPRING PIN - SS
8	1	115-094	SPRING HOLDER PIN
9	1	115-100	FRONT COVER
		115-100-ZP	FRONT COVER, ZINC PLATED
10	2	113-096	PIVOT BLOCK TOP PLATE
11	1	115-103	TOP COVER
		115-103-ZP	TOP COVER, ZINC PLATED
12	1	R3-93002	PLUG BUTTON 2"Ø X 1/8" (51X3MM)
13	1	017-085	EXTENSION SPRING 1/2" OD X .34" THK X 1 1/4 LNG(13X9X32MM)
14	1	037-079	GROMMET 1 1/2"X2 1/8"(38X54MM)
15	1	51-002213	BEARING SQUARE BLOCK
16	1	018-640	BEARING - R10-2RS - ID:5/8" OD: 1 3/8" 11/32"(63X40X9MM)
17	1	51-002306	METALLIC SPACER
18	1	011-005	SCREW MACHINE R/H SLOT #8 - 32 X 1/2"(13MM)
19	2	011-515	HEX MACHINE SCREW NUT #8 - 32
20	1	010-154	HEX BOLT 1/4 20 UNC X 1 1/4 LNG
21	5	012-202	REGULAR LOCK WASHER 0.25
22	2	017-034	SPRING WIRE OD: 1 5/8" X 1/4" THICK (26X6MM)
23	10	012-201	REGULAR LW 0.375
24	4	010-039	HEX BOLT 3/8 - 16 UNC X 1 LNG
25	1	037-081	HOLE PLUG 1 3/4"Ø(44MM)
26	1	51-002204	JUNCTION BOX BRACKET
27	4	011-010	SL-RHMS #10 - 24X0.4375
28	1	51-001945	ANGULAR POSITION CAM
29	6	010-012	HEX BOLT 3/8 16 UNC X 3/4 LNG
30	2	010-000	HEX BOLT 0.25 20 UNC X 0.75 LNG
31	2	010-215	MACHINED SCREW 1/4 20X5/8 LG
32	2	106-389	SPACER WASHER
33	1	012-206	FLAT WASHER #10 OD .5"(13MM)

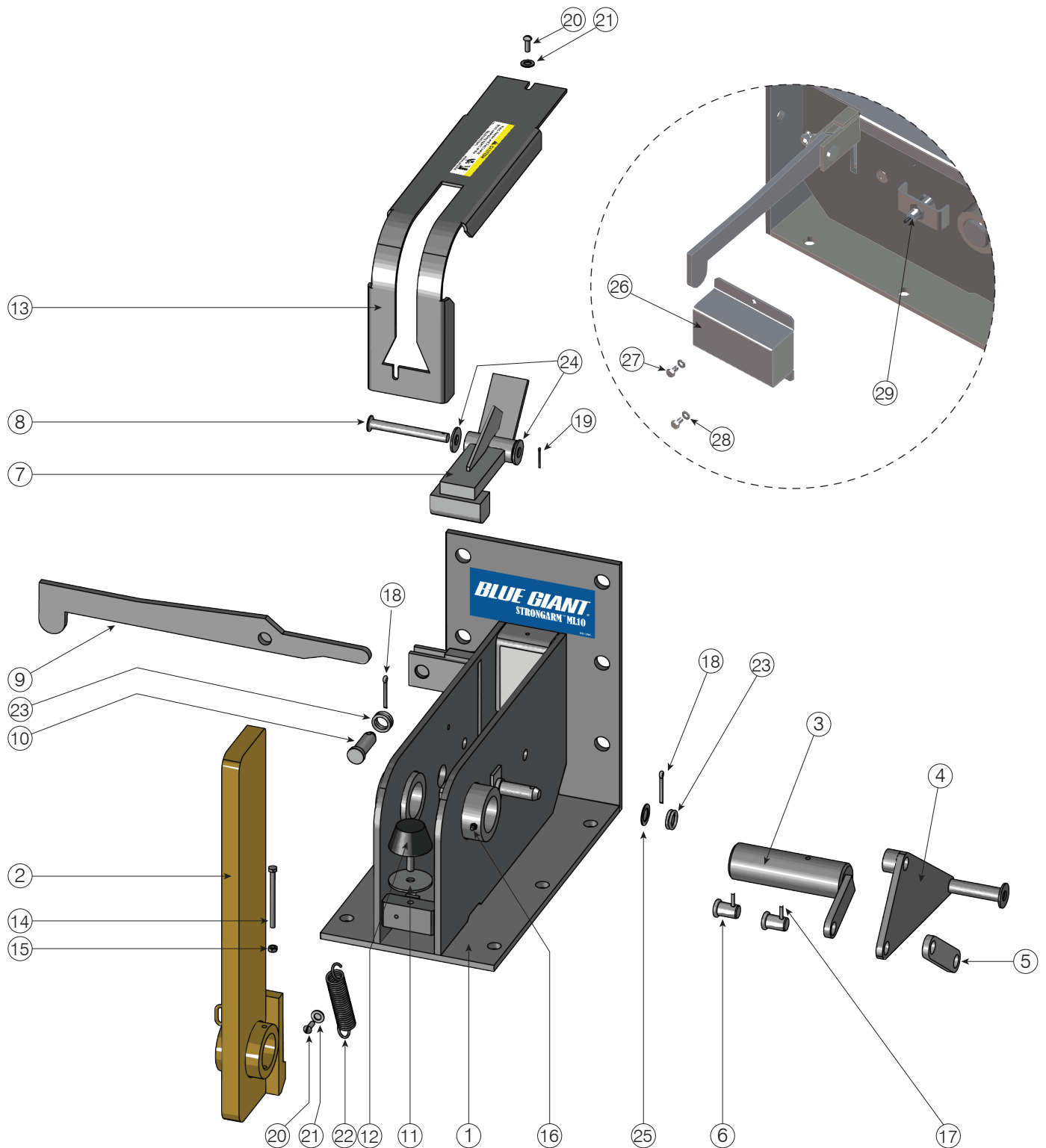
ITEM	QTY.	PART #	DESCRIPTION
34	1	100-5000-41	HOSE ASSEMBLY #4 HIGH PRESSURE 22'(6.7M)
		100-5000-40	HOSE ASSEMBLY #4 HIGH PRESSURE 14'(4.3M)
35	1	115-307	CYLINDER PIN
36	2	018-017	BUSHING
37	1	034-511	FITTING, 90°, ELBOW
38	1	040-007	MALE ELBOW 90° 1/4 TUBE
39	1	090-909-2400	TUBE POLYETHYLENE 20' LG(6.1M)
40	1	026-H22	TL85 - J-BOX HARNESS
		026-H23	TL85 - J-BOX HARNESS
41	2	018-013	BUSHING, BRONZE OILITE FLANGED
42	2	011-007	SCREW MACHINE R/H SLOT
43	1	116-863	MOUNTING BLOCK TOP PLATE
44	1	51-013611	SENSOR WAND
45	1	51-002317	WAND MOUNTING BLOCK
46	2	011-623	LOCK NUT 8/32" NYLON INSERT
47	3	028-200	PROXIMITY SENSOR



TL85 VEHICLE RESTRAINT - HYDRAULIC		
QTY	PART #	DESCRIPTION
1	033-897-K	POWERPACK, TL85, 120-230/1/60
	033-899-K	POWERPACK, TL85, 220-440/3/50-60
	033-900-K	POWERPACK, TL85, 575/3/60



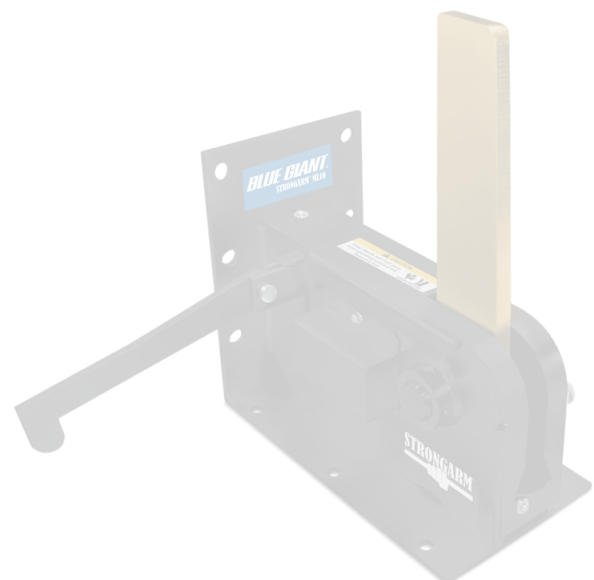
ML10 Vehicle Restraint – Mechanical



ML10 Vehicle Restraint – Mechanical

ITEM	QTY.	PART #	DESCRIPTION
1	1	52-011160	BODY WELDMENT
		52-011160-ZP	BODY WELDMENT, ZINC PLATED
2	1	52-012731	RESTRAINT ARM 26"(660MM)
3	1	522-5005	SHAFT ARM PIN
4	1	522-5006	ENGAGEMENT ARM WELDMENT
		522-5006-ZP	ENGAGEMENT ARM WELDMENT, ZINC PLATED
5	1	522-0010	ACTUATOR LINKAGE
		522-0010-ZP	ACTUATOR LINKAGE, ZINC PLATED
6	2	119-278	PIVOT PIN
7	1	522-5001	LOCK WELDMENT
		522-5001-ZP	LOCK WELDMENT, ZINC PLATED
8	1	210-0005	LOCK ROLLER PIN ASSEMBLY
9	1	522-0000	RELEASE ARM
		522-0000-ZP	RELEASE ARM, ZINC PLATED
10	1	107-196	CLEVIS PIN
11	1	107-046	WASHER SPACER
12	1	091-041	RUBBER BUMPER
13	1	52-011187	TRUCK LATCH COVER
		52-011187-ZP	TRUCK LATCH COVER, ZINC PLATED
14	1	011-141	CAP SCREW 1/4" 20 X 3 1/2"(89MM) HH
15	1	011-506	NUTS HEX 1/4" - 20 PLTD
16	2	019-500	NIPPLE STRAIGHT GREASE 1/4"
17	2	013-066	5/32"Ø SPRING PIN 5/32" X 1 1/4"(32MM)
18	2	013-025	COTTER PIN 3/16" X 1 1/2"(38MM)
19	1	013-018	COTTER PIN 3/32" X 1"(25MM)
20	2	011-020	ROUND HEAD SLOTTED SCREWS
21	2	012-211	FLAT WASHER TYPEB NARROW 3/8"
22	1	017-012	TENSION SPRING
23	5	106-046	RING, SPLIT
24	3	012-212	WASHER, ZINC-PLATED 1/2"
25	1	105-879	FLAT WASHER 3/4" X 1-3/16" X 1/16"
26	1	52-011115	SENSOR COVER
		52-011115-ZP	SENSOR COVER, ZINC PLATED
27	2	010-036	CAP SCREW 5/16-18 X 1/2 HH GR. 5 ZC
28	2	012-200	SPRING LOCK WASHERS 5/16"
29	1	028-212	PROXIMITY SENSOR 18MM W/ 5M CABLE + 2 JAMB NUTS

KIT PART #			71001386
KIT DESCRIPTION			EASY-PULL ASSEMBLY
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
1	1	71001386	EASY-PULL ASSEMBLY



Hydraulic Power Packs

HYDRAULIC DOCK LEVELERS POWER PACKS		
QTY	PART #	DESCRIPTION
1	033-400-24-K	POWERPACK, FH, 575/3/60, 1HP, UND60K
	033-401-24-K	POWERPACK, FH, 110-230/1/60, 1HP, UND60K
	033-402-24-K	POWERPACK, FH, 220-440/3/60, 1HP, UND60K
	033-403-1K	POWERPACK, FE, 115-230/1/50-60, 1HP, UND60K
	033-404-1K	POWERPACK, FE, 230-460/3/50-60, 1HP, UND60K
	033-405-1K	POWERPACK, FE, 575/3/60, 1HP, UND60K

SVR303 VEHICLE RESTRAINT – HYDRAULIC		
QTY	PART #	DESCRIPTION
1	033-441-K	POWERPACK, SVR303, 115-230/1/50-60,
	033-445-K	POWERPACK, SVR303, 208-460/3/50-60,
	033-447-K	POWERPACK, SVR303, 575-600/3/60,

TL85 VEHICLE RESTRAINT - HYDRAULIC		
QTY	PART #	DESCRIPTION
1	033-897-K	POWERPACK, TL85, 120-230/1/60
	033-899-K	POWERPACK, TL85, 220-440/3/50-60
	033-900-K	POWERPACK, TL85, 575/3/60

VERTICAL STORING DOCK LEVELER		
QTY	PART #	DESCRIPTION
1	033-463-K	POWERPACK, V-DOCK, 575/3/50-60, 1HP, UND60K
	033-462-K	POWERPACK, V-DOCK, 230-460/3/50-60, 1HP, UND60K
	033-461-K	POWERPACK, V-DOCK, 115-230/1/50-60, 1HP, UND60K

HYDRAULIC DOCK LEVELERS POWER PACKS		
QTY	PART #	DESCRIPTION
1	033-342	POWERPACK 5HP 208-230-460V/3/60 INT. VER
	033-344	POWERPACK 1HP 110-120V/230V/1/60 CON. VER

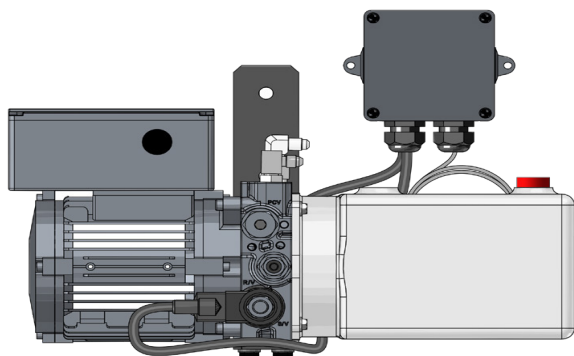
HYDRAULIC DOCK / VERTICAL STORING DOCK LEVELERS POWER PACKS		
QTY	PART #	DESCRIPTION
1	080-510	RESERVOIR KIT, H60303025K, VL POWERPACK

Hydraulic Cylinders

HYDRAULIC DOCK LEVELERS CYLINDERS		
QTY	PART #	DESCRIPTION
1	788-599-1K	CYLINDER-LIP ASSY - FH D/LEV
	788-636-1K	CYLINDER, DOCK LEVELER, 50MM DIA, 35MM ROD, 557MM STROKE

RVR303 VEHICLE RESTRAINT – HYDRAULIC		
QTY	PART #	DESCRIPTION
1	1000501	TILT CYLINDER

AIR POWERED DOCK – HYDRAULIC		
QTY	PART #	DESCRIPTION
1	1000450	HOOK CYLINDER



MAINTENANCE KITS

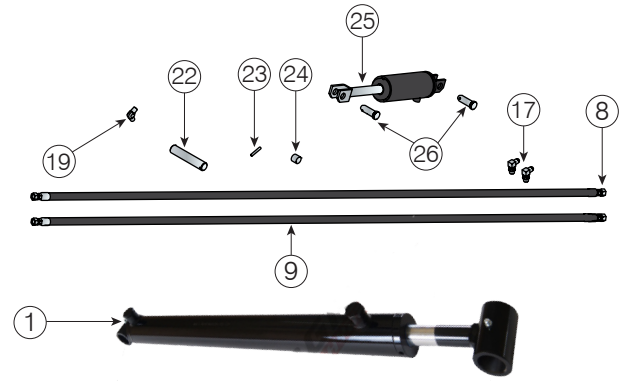


Issue Date: August 2025

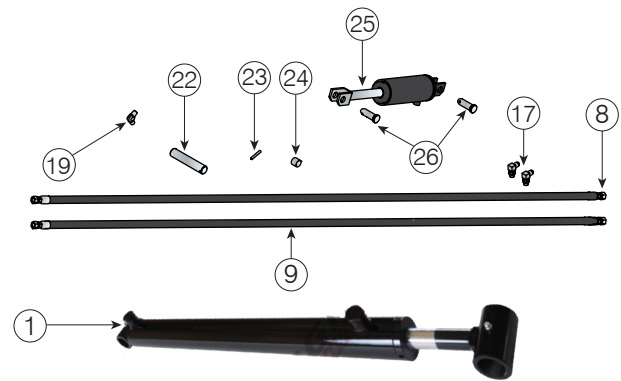
BLUE GIANT®

Spare Parts Kits

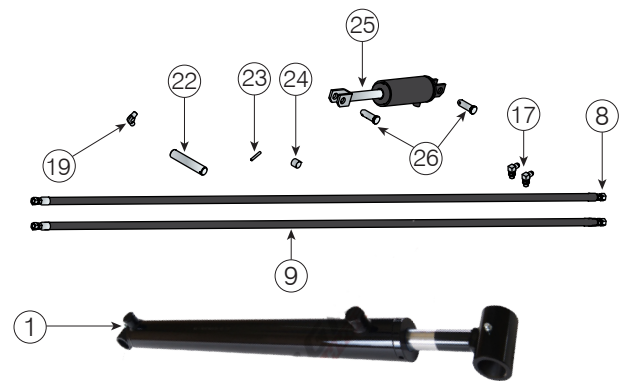
KIT PART #			600-002
KIT DESCRIPTION			NEXGEN - HYD 8' - SA KIT 50K OR LESS
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
17	2	034-585	FITTING 90DEG,6 SZ,SAE O-RING X,6 SZ-S3649-6
25	1	788-599-1K	CYLINDER-LIP ASSY - FH D/LEV
26	4	107-196	CLEVIS PIN,3/4IN OD X 1-5/8IN L
24	2	018-001	BUSHING 3/4IN ID X 7/8IN OD X 3/4IN L
19	4	034-515	FITTING 4MP-4MP-90
8	4	034-636	SAE 37 DEG STRAIGHT SWIVEL
9	3	090-838-1200	HOSE, 120 IN LG HIGH PRESSURE #6
1	1	788-635-1K	6/8' MAIN LIFT CYLINDER
22	2	090-189-0050	STEEL, 1IN DIA CR X 5IN LG
23	4	013-625	SPRING PIN 1/4" X 1 1/2" LONG

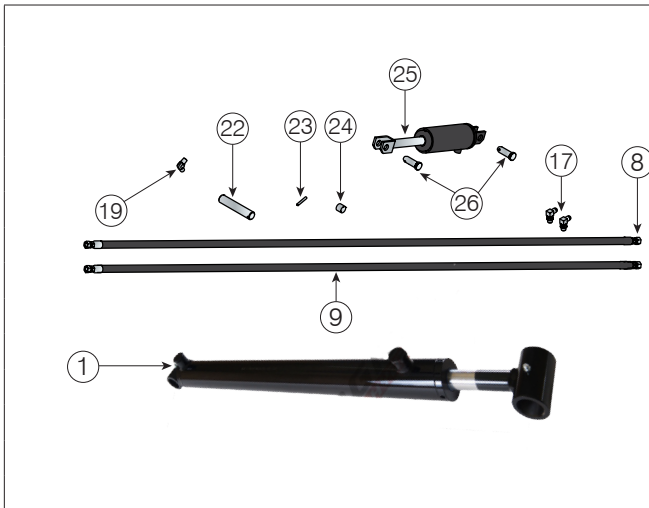


KIT PART #			600-003
KIT DESCRIPTION			NEXGEN - HYD 10' - SA KIT 50K OR LESS
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
17	2	034-585	FITTING 90DEG,6 SZ,SAE O-RING X,6 SZ-S3649-6
25	1	788-599-1K	CYLINDER-LIP ASSY - FH D/LEV
26	4	107-196	CLEVIS PIN,3/4IN OD X 1-5/8IN L
24	2	018-001	BUSHING 3/4IN ID X 7/8IN OD X 3/4IN L
19	4	034-515	FITTING 4MP-4MP-90
8	4	034-636	SAE 37 DEG STRAIGHT SWIVEL
9	3	090-838-1200	HOSE, 120 IN LG HIGH PRESSURE #6
1	1	788-635-1K	6/8' MAIN LIFT CYLINDER
22	2	090-189-0050	STEEL, 1IN DIA CR X 5IN LG
23	4	013-625	SPRING PIN 1/4" X 1 1/2" LONG

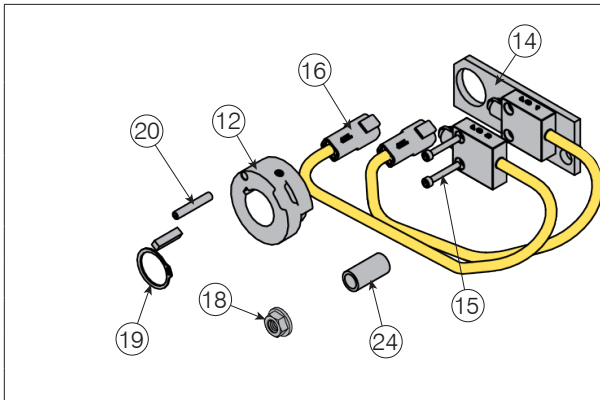


KIT PART #			600-004
KIT DESCRIPTION			NEXGEN - HYD 8' - DA KIT 60K OR MORE
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
17	2	034-585	FITTING 90DEG,6 SZ,SAE O-RING X,6 SZ-S3649-6
25	1	211-7002-K	CYL ASSY,LIPDOUBLE ACTING
26	4	107-196	CLEVIS PIN,3/4in OD X 1-5/8in L
24	2	018-001	BUSHING 3/4in ID X 7/8in OD X 3/4in L
19	4	034-515	FITTING 4MP-4MP-90
8	4	034-636	SAE 37 DEG STRAIGHT SWIVEL
9	2	090-838-1200	HOSE, 120 in LG HIGH PRESSURE #6
1		788-635-1K	10' Main Lift Cylinder
22	2	090-189-0050	STEEL, 1in DIA CR X 5in LG
23	4	013-625	Spring Pin 1/4" x 1 1/2" Long

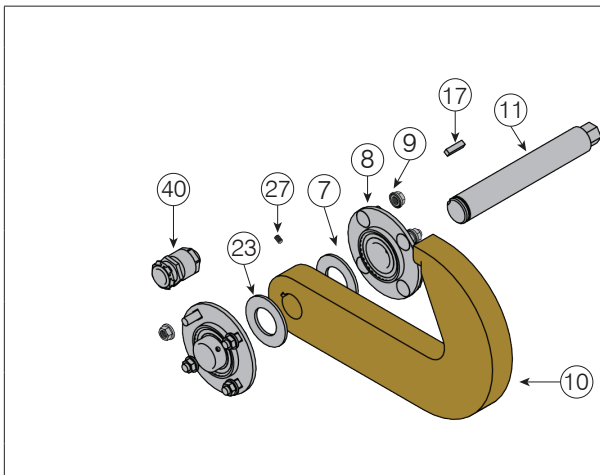




KIT PART #			600-005
KIT DESCRIPTION			NEXGEN - HYD 10' - DA KIT 60K OR MORE
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
17	2	034-585	FITTING 90DEG,6 SZ,SAE O-RING X,6 SZ-S3649-6
25	1	211-7002-K	CYL ASSY,LIP,DOUBLE ACTING
26	4	107-196	CLEVIS PIN,3/4IN OD X 1-5/8IN L
24	2	018-001	BUSHING 3/4IN ID X 7/8IN OD X 3/4IN L
19	4	034-515	FITTING 4MP-4MP-90
8	4	034-636	SAE 37 DEG STRAIGHT SWIVEL
9	2	090-838-1200	HOSE, 120 IN LG HIGH PRESSURE #6
1	1	788-635-1K	10' MAIN LIFT CYLINDER
22	2	090-189-0050	STEEL, 1IN DIA CR X 5IN LG
23	4	013-625	SPRING PIN 1/4" X 1 1/2" LONG

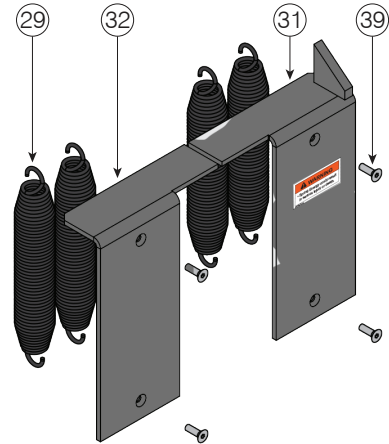


KIT PART #			600-006
KIT DESCRIPTION			HVR - CAM REPLACEMENT KIT
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
14	1	56-010175	LIMIT SWITCH BRACKET
15	2	011-094	SCREW,CAP,HEX SOCKET
16	2	026-H19	HVR LIMIT SWITCH CONNECTOR ASSEMBLY
24	1	56-010238	LIMIT SWITCH TUBE
20	1	013-625	SPRING PIN 1/4" X 1 1/2" LONG
19	1	013-036	EXTERNAL RETAINING RING - ID 1.25
18	5	011-863	SERRATED-FLANGE HEX. NUT 7/16"-14



KIT PART #			600-007
KIT DESCRIPTION			HVR - HOOK REPLACEMENT KIT
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
11	1	56-010140	HOOK SHAFT
17	3	118-755	KEY 1/4" SQ X 1" LG
9	8	011-865	SERRATED-FLANGE HEX. NUT 3/8"-16
8	8	014-084	CARRIAGE BOLT - 3/8 X 1 - GR5 - ZINC PL
7	4	018-646	ARM BEARING
27	1	014-002	SET SCREW - 1/4"X 3/8" UNC.
23	2	012-326	FLAT WASHER TYPE A - 1 3/8ID X 1/8THK
40	1	025-023	FITTING SR-75-625
10	1	56-011216	HOOK ARM WELD

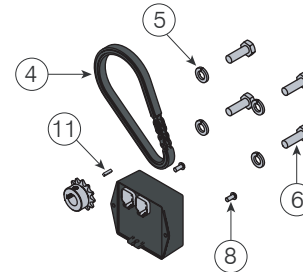
KIT PART #				600-008
KIT DESCRIPTION				HVR - SPRING KIT
PARTS INCLUDED IN KIT				
ITEM	QTY.	PART #	DESCRIPTION	
31	1	56-010306-ZP	L SPRING COVER WELD, ZINC PLATED	
32	1	56-010304-ZP	R SPRING COVER, ZINC PLATED	
39	5	011-042	CAP SCREW, HEX SOCKET F/H 5/16 - 18 X 1"	
29	4	56-010295	EXTENSION SPRING OD 1.875 X 10.75 LONG	



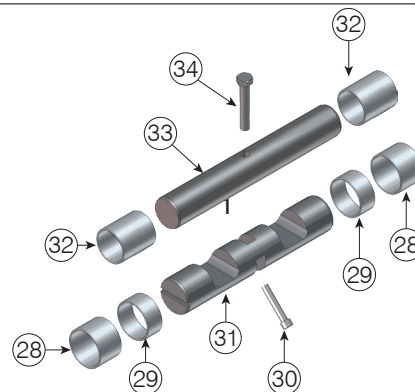
KIT PART #				019-015
KIT DESCRIPTION				HVR - ROLLER ASSEMBLY KIT
PARTS INCLUDED IN KIT				
ITEM	QTY.	PART #	DESCRIPTION	
	4	019-034	ROLLER ASSEMBLY	

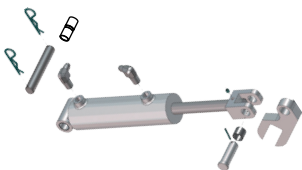


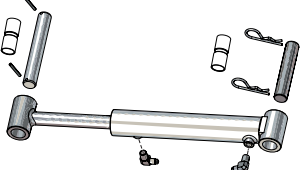
KIT PART #				600-009
KIT DESCRIPTION				HVR - CHAIN REPLACEMENT KIT
PARTS INCLUDED IN KIT				
ITEM	QTY.	PART #	DESCRIPTION	
3	1	023-049	CHAIN SPROCKET	
4	1	1005470	ROLLER CHAIN	
11	1	118-755	KEY 1/4" SQ X 1" LG	
5	4	012-228	LOCKWASHER SPRING 7/16"	
6	4	010-170	HEX HEAD CAP SCREW M10X20 - GR 8.8	
8	2	011-010	MACHINE SCREW 10-24 X 3/8"	



KIT PART #				600-010
KIT DESCRIPTION				SVR - BUSHING KIT
PARTS INCLUDED IN KIT				
ITEM	QTY.	PART #	DESCRIPTION	
28	2	018-635-1	PLASTIC BUSHING 2" DIA. X 1-1/2" L	
29	2	018-634-1	PLASTIC BUSHING 2" DIA. X 1" L	
30	1	011-184	SOCKET HEAD CAP SCREW 3/8 X 24UNF X 2	
31	1	54-000534	LOCK PIN	
32	2	018-636-1	PLASTIC BUSHING 1-3/4" DIA. X 2" L	
33	1	54-006851-1	ARM PIVOT PIN	
34	1	010-211	HEX HEAD CAP BOLT 1/2 -13 UNC X 2 3/4	



	KIT PART #		54-00004
	KIT DESCRIPTION		SVR - LOCK CYLINDER KIT
	PARTS INCLUDED IN KIT		
	QTY.	PART #	DESCRIPTION
1	54-00004	LOCK CYLINDER ASSEMBLY	

	KIT PART #		54-001799
	KIT DESCRIPTION		SVR - ARM CYLINDER ASSEMBLY KIT
	PARTS INCLUDED IN KIT		
	QTY.	PART #	DESCRIPTION
1	54-001799	ARM CYLINDER ASSEMBLY	

An exploded view diagram of the RVR-Hook Cylinder Kit. The central component is a blue hook cylinder (12). To its left is a tilt antenna (10) with a spacer (11). Above the cylinder is an elbow (13) and a cap screw (9). To the right is another elbow (14) and a cap screw (11). Below the cylinder are two long mounting brackets (15 and 16) and a spring washer (17). At the bottom are two more cap screws (18) and a hose assembly (31). The diagram uses numbered callouts (9-19, 31) to identify each part.

KIT PART #

600-013

KIT DESCRIPTION

RVR-HOOK CYL (8" HOSE) KIT

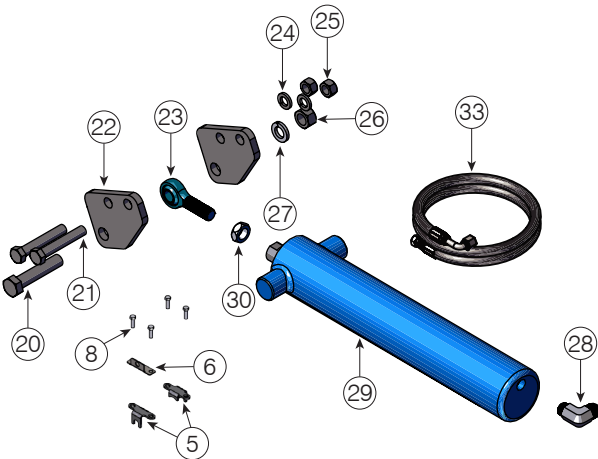
PARTS INCLUDED IN KIT

ITEM	QTY.	PART #	DESCRIPTION
9	1	010-007	CAP SCREW 5/16-18 X 1 HH GR. 5 ZC
10	1	1000456	TILT ANTENNA
11	1	1000454	ANTENNA SPACER
12	1	1000450	HOOK CYLINDER
13	1	034-541	ELBOW SAE# 8 X 1/2 NPT MALE
14	4	034-500	ELBOW SAE# 8 X 3/8 NPT MALE
17	2	012-200	SPRING WASHER 5/16
18	2	010-006	CAP SCREW 5/16-18 X 1 HH GR. 5 ZC
31	1	300-5007-3	HOSE ASSY (8')

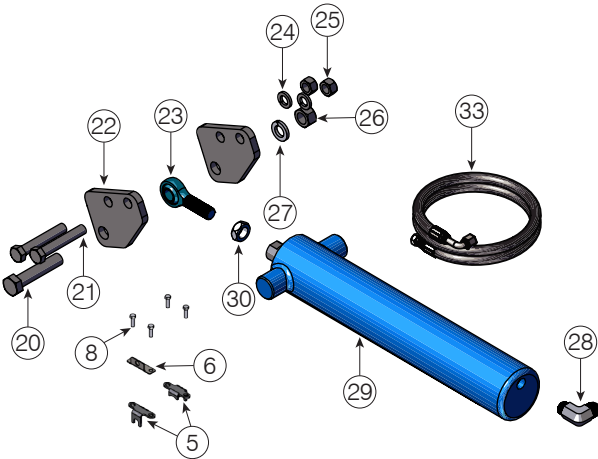
An exploded view diagram of the RVR-Hook Cylinder Kit. The central component is a blue hook cylinder (12). To its left is a tilt antenna (10) with a spacer (11). Above the cylinder are two elbow fittings (13 and 14) and a hose assembly (31). Below the cylinder are two mounting brackets (15 and 16), a spring washer (17), and a cap screw (18). To the right of the cylinder is a long metal bar (19).

KIT PART #		600-013	
KIT DESCRIPTION		RVR-HOOK CYL (8" HOSE) KIT	
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
9	1	010-007	CAP SCREW 5/16-18 X 1 HH GR. 5 ZC
10	1	1000456	TILT ANTENNA
11	1	1000454	ANTENNA SPACER
12	1	1000450	HOOK CYLINDER
13	1	034-541	ELBOW SAE# 8 X 1/2 NPT MALE
14	4	034-500	ELBOW SAE# 8 X 3/8 NPT MALE
17	2	012-200	SPRING WASHER 5/16
18	2	010-006	CAP SCREW 5/16-18 X 1 HH GR. 5 ZC
31	1	300-5007-10	HOSE ASSY (24')

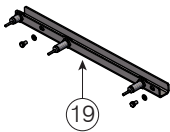
KIT PART #			600-014
KIT DESCRIPTION			RVR-TILT CYLINDER (8" HOSE)
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
20	1	010-101	5/8"-11 UNC X 3" HH BOLT GR. 5 PLATED
21	2	010-028	CAP SCREW 1/2"-13 UNC X 3
22	2	1000453	TILT BRACKET
23	1	018-606	BALL JOINT ROD END 5/8"-18
24	2	012-220	LOCK WASHER 0.5
25	2	011-508	HEX NUT 1/2-13
26	1	011-509	HEX NUT 5/8-11
27	1	012-221	WASHER 5/8
28	1	034-540	SAE# 6 X 3/8 NPT MALE
29	1	1000501	TILT CYLINDER
30	1	011-521	HEX JAM NUT 5/8"-18 UNF
33	1	100-5018-3	HOSE ASSY (8")
5	2	1000484	CYLINDER HOLDING PLATE
8	1	1000487	TILT SENSOR BRACKET
6	1	025-G020-2	JUNCTION BOX



KIT PART #			600-036
KIT DESCRIPTION			RVR-TILT CYLINDER (24" HOSE)
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
20	1	010-101	5/8"-11 UNC X 3" HH BOLT GR. 5 PLATED
21	2	010-028	CAP SCREW 1/2"-13 UNC X 3
22	2	1000453	TILT BRACKET
23	1	018-606	BALL JOINT ROD END 5/8"-18
24	2	012-220	LOCK WASHER 0.5
25	2	011-508	HEX NUT 1/2-13
26	1	011-509	HEX NUT 5/8-11
27	1	012-221	WASHER 5/8
28	1	034-540	SAE# 6 X 3/8 NPT MALE
29	1	1000501	TILT CYLINDER
30	1	011-521	HEX JAM NUT 5/8"-18 UNF
33	1	100-5018-5	HOSE ASSY (24')
5	2	1000484	CYLINDER HOLDING PLATE
8	1	1000487	TILT SENSOR BRACKET
6	1	025-G020-2	JUNCTION BOX



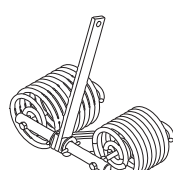
KIT PART #			1000485
KIT DESCRIPTION			RVR-GUIDE CHANNEL ASSY
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
19	1	1000485	GUIDE CHANNEL ASSY



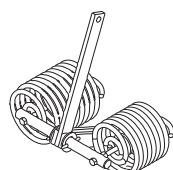
KIT PART #			600-016
KIT DESCRIPTION			TL85-CYL KIT
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
3	1	035-662	CYLINDER ASSEMBLY 2" DIA. (51 MM)
24	4	010-039	HEX BOLT 3/8 - 16 UNC X 1 LNG
10	2	113-096	PIVOT BLOCK TOP PLATE
8	1	115-094	SPRING HOLDER PIN

KIT PART #			600-017
KIT DESCRIPTION			TL85-SPRING KIT
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
22	2	017-034	SPRING WIRE OD: 1 5/8" X 1/4" THICK
35	1	115-307	CYLINDER PIN
36	2	018-017	BUSHING
34	1	100-5000-41	HOSE ASSEMBLY #4 HIGH PRESSURE 22'
34	1	100-5000-40	HOSE ASSEMBLY #4 HIGH PRESSURE 14'
38	1	040-007	MALE ELBOW 90 DEG 1/4 TUBE
39	1	090-909-2400	TUBE POLYETHYLENE 20' LG

	KIT PART #		200-01574
	KIT DESCRIPTION		MECH EOD - SPRING KIT MDC6620
	PARTS INCLUDED IN KIT		
	QTY.	PART #	DESCRIPTION
	1	200-01574	SPRING SHAFT ASSY 66" 20K



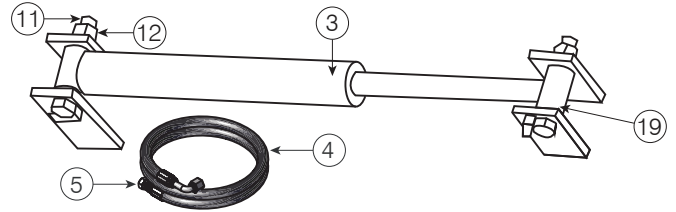
KIT PART #		200-01574-1
KIT DESCRIPTION		MECH EOD - SPRING KIT MDC6625/6630/7220
PARTS INCLUDED IN KIT		
QTY.	PART #	DESCRIPTION
1	200-01574-1	SPRING SHAFT ASSY

	KIT PART #		200-01574-2
	KIT DESCRIPTION		MECH EOD- SPRING KIT MDC7225/7230/7825/7830
	PARTS INCLUDED IN KIT		
	QTY.	PART #	DESCRIPTION
	1	200-01574-2	SPRING SHAFT ASSY (78" 25K)

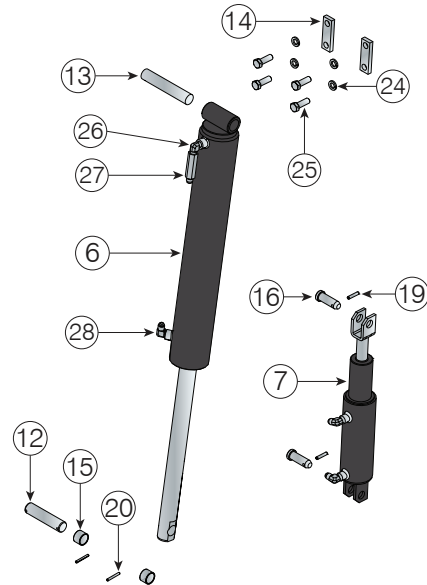
KIT PART #		600-018	
KIT DESCRIPTION		HYD EOD - MAIN CYL KIT	
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION

2	1	200-03114	LIFTING CYLINDER ASSEMBLY
13	4	018-007	BUSHING
9	2	010-168	CAP SCREW
10	2	011-621	LOCK NUT

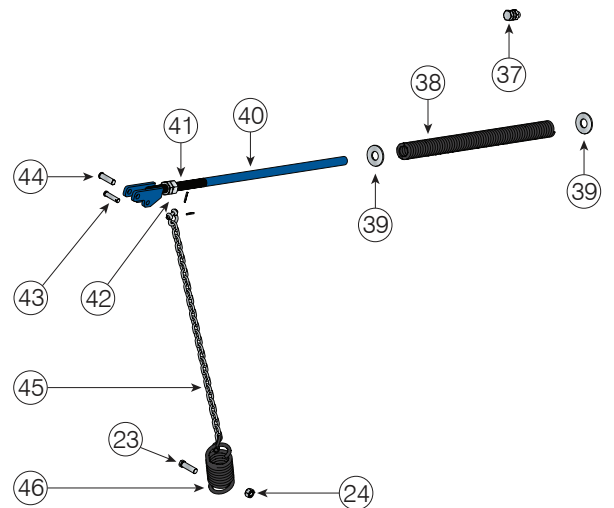
KIT PART #			600-019
KIT DESCRIPTION			HYD EOD-LIP HYD CYL KIT
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
11	2	010-131	CAP SCREW
12	2	011-554	LOCK NUT
19	4	018-006	BUSHING
3	1	200-03115	LIP CYLINDER ASSEMBLY
5	2	034-601	FITTING
4	2	300-5000-17	HYDRAULIC HOSE

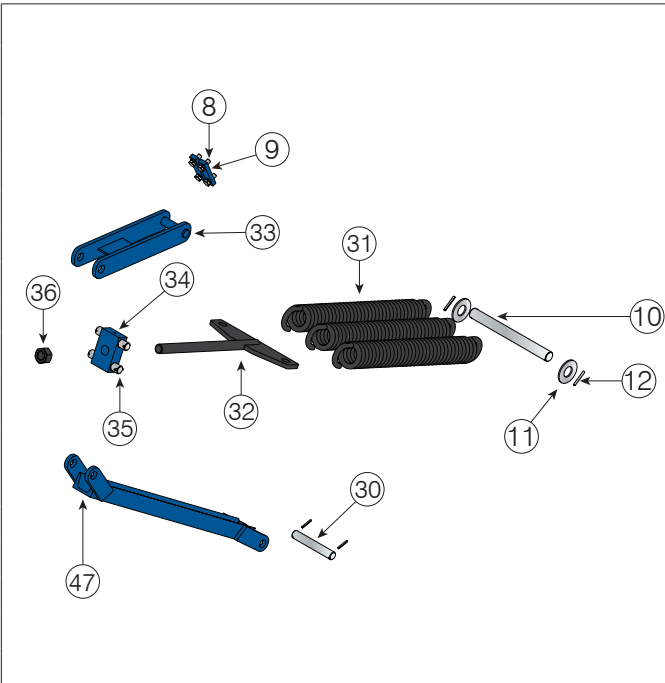


KIT PART #			600-021
KIT DESCRIPTION			VERDOCK-LIP CYL KIT
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
19	2	013-010	1/4" DIA. SPRING PIN 1.25" LONG
16	2	107-196	CLEVIS PIN
7	1	213-5058-1	LIP CYLINDER ASSEMBLY, DOUBLE ACTING
14	2	23-003568	CLEVIS PLATE
13	1	090-189-0054	PIN
26	1	034-515	FITTING 4MP-4MP-90
27	1	033-661	VELOCITY FUSE
6	1	23-014490-3	DECK CYLINDER ASSEMBLY - 2" CUSHION
28	1	034-601	ADAPTOR 90 DEG FITTING
12	1	23-012717-1	CYLINDER PIN ROD
15	2	018-121	BUSHING
20	14	013-127	3/16" DIA. SPRING PIN X 1.50" LONG
25	4	011-075	HHCS 1/2-13 UNC X 1-1/2"
24	4	012-220	REGULAR SPRING LOCK WASHERS (U.S.)

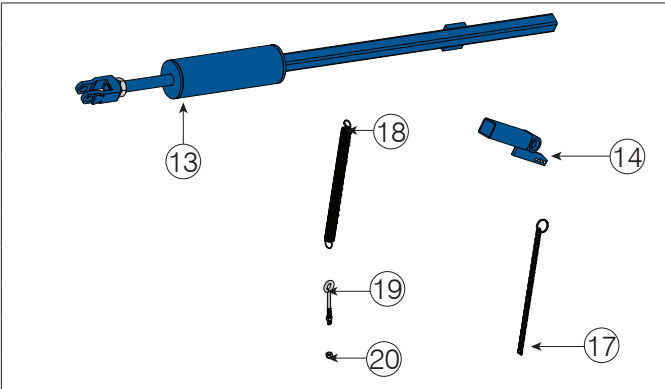


KIT PART #			600-022
KIT DESCRIPTION			
MECHDOCK-LIP ASSIST KIT			
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
23	2	011-134	HEX HEAD CAP SCREW 5/8" X 3"
24	2	011-501	5/8" LOCK NUT
37	1	010-059	HEX HEAD CAP SCREW 3/4" X 2"
38	1	1003131	LIP ASSIST SPRING
39	2	012-253	WASHER
40	1	2000017	THREAD ROD WELDMENT
41	2	011-531	HEX NUT
42	2	011-511	HEX JAM NUT
43	1	013-629	CLEVIS PIN
44	2	013-628	CLEVIS PIN
45	1	2000520	CHAIN ASSEMBLY
46	1	1002455	LIP ACTIVATING SPRING

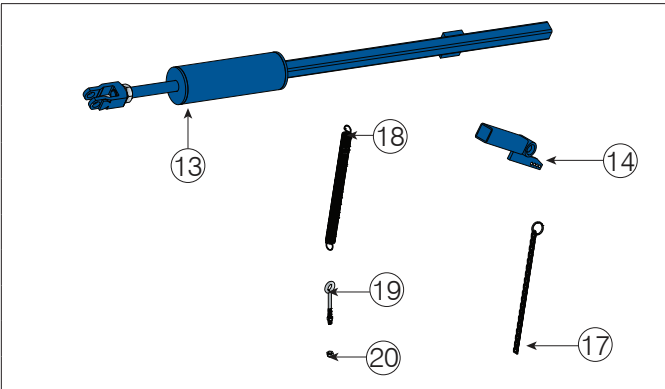




KIT PART #			600-023
KIT DESCRIPTION			MECHDOCK-MAIN SPRING KIT
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
8	4	010-246	HEX HEAD CAP SCREW 1/2" X 1 1/2"
9	2	2002286	COVER PLATE
10	1	2000263-2	SPRING HOLDER PIVOT PIN
11	2	012-216	FLAT WASHER
12	2	013-012	PIN
30	1	2000263-1	PIVOT PIN
31	3	24-012508-1 / 2000446	MAIN SPRING
32	1	2000326-2 /2000326 /2001874	SPRING BRACKET WELDMENT
33	1	2002449	UPPER ARM WELDMENT
34	1	2000321	CONNECTING LINK
35	2	2000263	PIVOT PIN
36	1	011-691	HEX NUT 1/8"
47	1	2000335	LOWER ARM WELDMENT

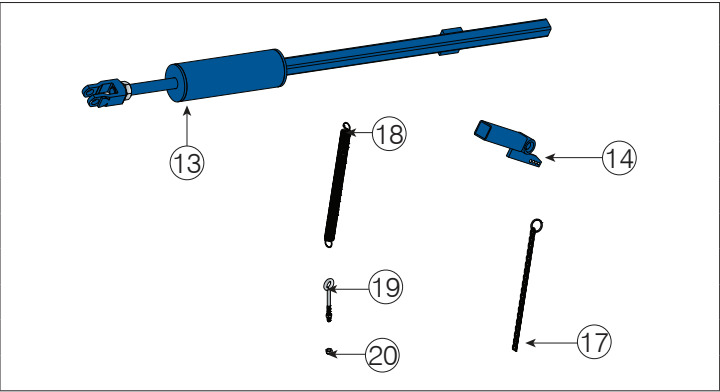


KIT PART #			600-024
KIT DESCRIPTION			MECHDOCK-WELDMENT KIT(8' NEXTGEN)
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
13	1	2000257	SHOCK ASSEMBLY (6FT & 8FT) (NEXT GEN SERIES)
14	1	2000276	DOG WELDMENT
17	1	090-882-0110	SASH CHAIN
18	1	017-089	TENSION SPRING
19	1	010-242	ROUTING EYEBOLT 1/4-2-X3"L
20	2	011-545	HEX LOCK NUT, NYLON INSERT

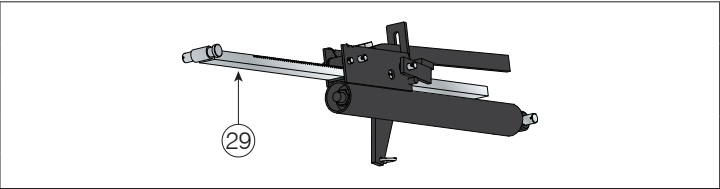


KIT PART #			600-025
KIT DESCRIPTION			MECHDOCK-WELDMENT KIT (LEGACY MU SERIES)
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
13	1	24-003409	SHOCK ASSEMBLY (LEGACY MU SERIES)
14	1	2000276	DOG WELDMENT
17	1	090-882-0110	SASH CHAIN
18	1	017-089	TENSION SPRING
19	1	010-242	ROUTING EYEBOLT 1/4-2-X3"L
20	2	011-545	HEX LOCK NUT, NYLON INSERT

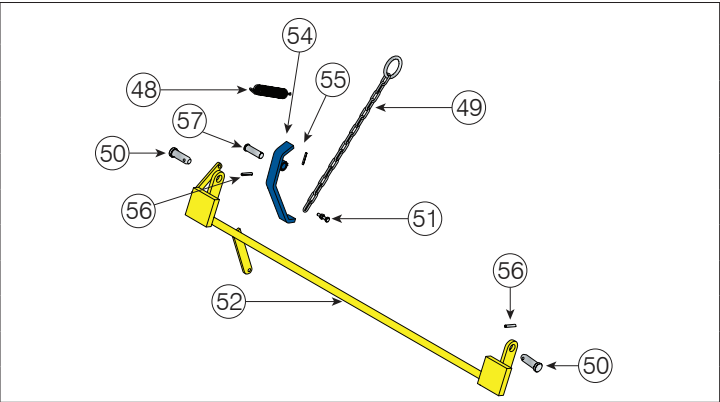
KIT PART #			600-026
KIT DESCRIPTION			MECHDOCK-WELDMENT KIT (LEGACY A SERIES)
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
13	1	793-375	SHOCK ASSEMBLY (LEGACY A SERIES)
14	1	2000276	DOG WELDMENT
17	1	090-882-0110	SASH CHAIN
18	1	017-089	TENSION SPRING
19	1	010-242	ROUTING EYEBOLT 1/4-2-X3"L
20	2	011-545	HEX LOCK NUT, NYLON INSERT



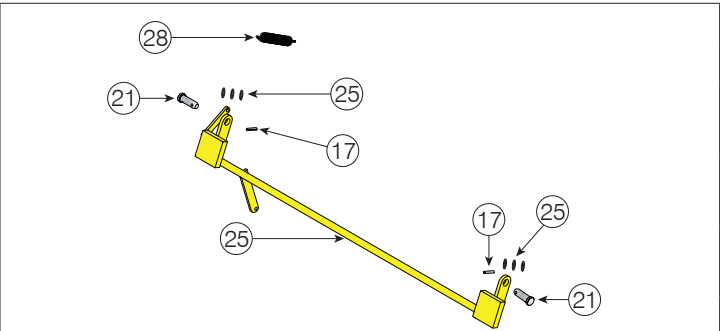
KIT PART #			600-027
KIT DESCRIPTION			MECHDOCK-RACHET HOLD-DOWN KIT
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
29	1	22-003769-1	RACHET HOLD-DOWN ASSEMBLY

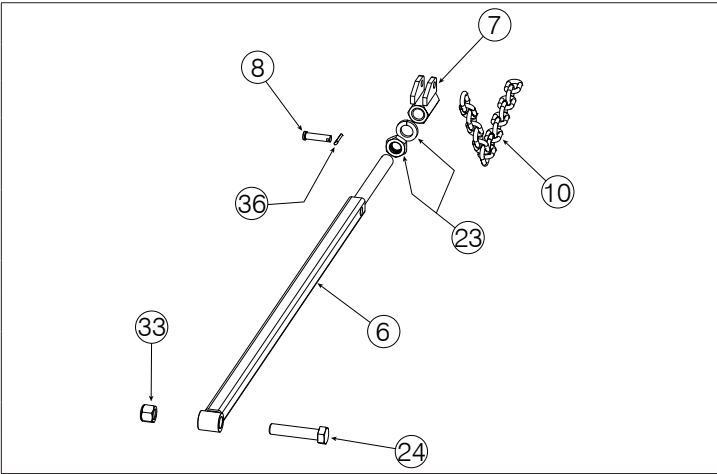


KIT PART #			600-028
KIT DESCRIPTION			MECHDOCK-SAFETY LEGS KIT
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
50	4	107-196	CLEVIS PIN
52	1	2000403	FALL SAFE WELDMENT
56	1	013-625	COTTER PIN 1/4" X 1 1/2"
57	1	013-628	PIVOT PIN
48	1	017-012	TENSION SPRING
54	1	200-1812	LIP KICK-OUT LEVER
51	2	011-545	HEX LOCK NUT - NYLON INSERT

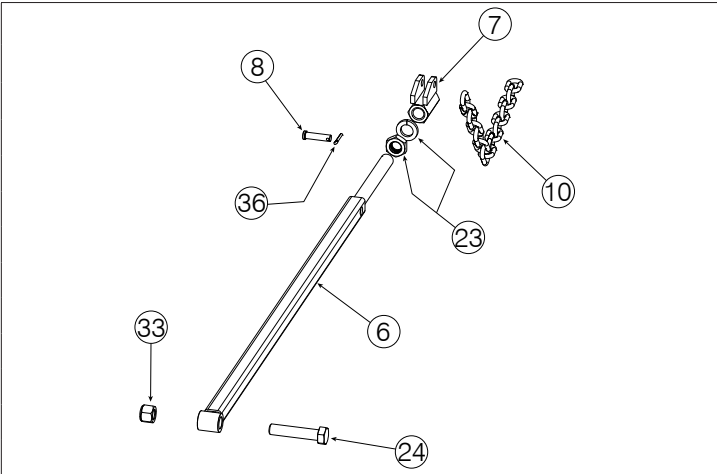


KIT PART #			600-029
KIT DESCRIPTION			AIRPOWDOCK-LEG SAFETY KIT
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
25	1	2000403-1	FALL SAFE LEGS
21	1	107-196	CLEVIS PIN 3/4IN OD X 1-5/8IN L
17	3	013-625	SPRING PIN
28	1	017-012	TENSION SPRING 4 1/2" L
26	1	013-066	SPLIT CHAIN 0.1563X1.25-1

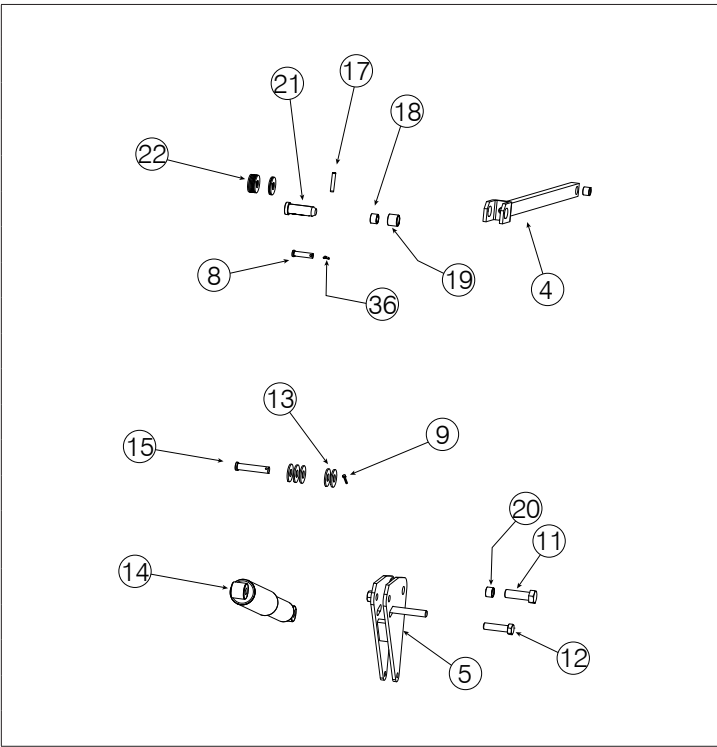




KIT PART #			600-030
KIT DESCRIPTION			AIRPOWDOCK-LIP ASSIST KIT (6')
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
8	1	013-542	CLEVIS PIN
7	1	26-011555	ANCHOR WELDMENT
10	1	26-011305	CHAIN ASSEMBLY (6' L)
6	1	26-011558-1	LOWER LINK WELDMENT
23	1	011-530	HEX JAM NUT 3/4" - 10 UNC
23	1	012-222	LOCKNUT 3/4"
24	2	010-184	HFBOLT0.625-11X3X1.5,GR8,PREFERRED
33	1	011-501	NUT HEX LOCK NYLON INSERT ZINC PLATED
36	2	013-020	COTTER PIN

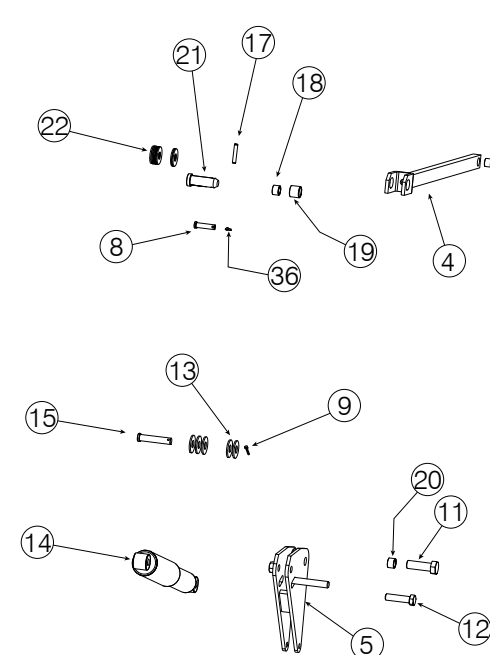


KIT PART #			600-031
KIT DESCRIPTION			AIRPOWDOCK-LIP ASSIST KIT (8' & 10')
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
8	1	013-542	CLEVIS PIN
7	1	26-011555	ANCHOR WELDMENT
10	1	26-011304	CHAIN ASSEMBLY (8' & 10' L)
6	1	26-011558-1	LOWER LINK WELDMENT
23	1	011-530	HEX JAM NUT 3/4" - 10 UNC
23	1	012-222	LOCKNUT 3/4"
24	2	010-184	HFBOLT0.625-11X3X1.5,GR8,PREFERRED
33	1	011-501	NUT HEX LOCK NYLON INSERT ZINC PLATED
36	2	013-020	COTTER PIN



KIT PART #			600-032
KIT DESCRIPTION			AIRPOWDOCK-WELDMENT KIT (16" LIP)
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
4	1	2023332-1	PUSH ROD ASSEMBLY W, H, & S MODELS
5	1	1001307-1	LINK PLATE WELDMENT W/ SHOCK 16" LIP
8	1	013-542	CLEVIS PIN
9	3	013-020	COTTER PIN
17	3	013-625	SPRING PIN
18	1	018-596	BUSHING SAE-841 B1012-4
19	1	018-001	BUSHING 3/4IN ID X 7/8IN OD X 3/4IN L
21	1	107-196	CLEVIS PIN 3/4IN OD X 1-5/8IN L
22	1	2023332	PUSH ROD ASSEMBLY
20	1	018-005	BUSHING BRONZE OILITE
13	17	012-212	FLAT SPACER WASHER 1/2" BOLT SIZE ZINC PLATE
36	2	013-020	DECK STRUT
15	1	013-171	CLEVIS PIN, 1/2"DIM X 2-1/2" L
14	1	200-02397	SHOCK ABSORBER, HYDRAULIC
12	1	010-044	HHCS 1/2" - 13 UNC X 2"
11	1	011-032	HHCS 5/8" - 11 UNC X 2" GR.5

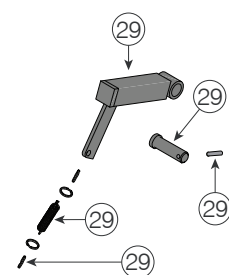
KIT PART #				600-033
KIT DESCRIPTION				AIRPOWDOCK-WELDMENT KIT (18" - 20" LIP)
PARTS INCLUDED IN KIT				
ITEM	QTY.	PART #	DESCRIPTION	
4	1	2023332-1	PUSH ROD ASSEMBLY W, H, & S MODELS	
5	1	1001307	LINK PLATE WELDMENT W/ SHOCK 18-20" LIP	
8	1	013-542	CLEVIS PIN	
9	3	013-020	COTTER PIN	
17	3	013-625	SPRING PIN	
18	1	018-596	BUSHING SAE-841 B1012-4	
19	1	018-001	BUSHING 3/4IN ID X 7/8IN OD X 3/4IN L	
21	1	107-196	CLEVIS PIN 3/4IN OD X 1-5/8IN L	
22	1	2023332	PUSH ROD ASSEMBLY	
20	1	018-005	BUSHING BRONZE OILITE	
13	17	012-212	FLAT SPACER WASHER 1/2" BOLT SIZE ZINC PLATE	
36	2	013-020	DECK STRUT	
15	1	013-171	CLEVIS PIN, 1/2"DIM X 2-1/2" L	
14	1	200-02397	SHOCK ABSORBER, HYDRAULIC	
12	1	010-044	HHCS 1/2" - 13 UNC X 2"	
11	1	011-032	HHCS 5/8" - 11 UNC X 2" GR.5	



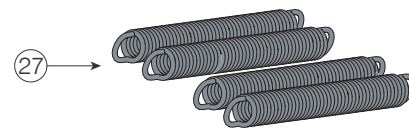
KIT PART #				600-034
KIT DESCRIPTION				HVR-GEARMOTOR W/HARNESS(2022+)
PARTS INCLUDED IN KIT				
ITEM	QTY.	PART #	DESCRIPTION	
25	1	1005462	HVR303 GEARMOTOR ASSY	
41	1	026-H18	HARNESS CABLE ASSY	

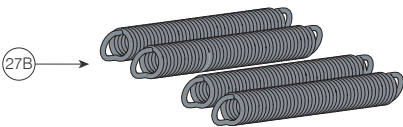


KIT PART #				600-037
KIT DESCRIPTION				U-SERIES MECHDOCK DOG ASSEMBLY KIT
PARTS INCLUDED IN KIT				
ITEM	QTY.	PART #	DESCRIPTION	
21	1	793-965	DOG ASSEMBLY	
22	1	109-107	EXTENSION SPRING	
23	4	013-134	SPLIT RING	
24	1	222-0010	DOG PIN	
16	7	013-012	SPRING PIN	



KIT PART #				600-038
KIT DESCRIPTION				U-SERIES 7' MECHDOCK SPRING KIT
PARTS INCLUDED IN KIT				
ITEM	QTY.	PART #	DESCRIPTION	
27	4	24-012508-1	DECK TENSION SPRING	



	KIT PART #			600-039
	KIT DESCRIPTION			U-SERIES 6' MECHDOCK SPRING KIT
	PARTS INCLUDED IN KIT			
	ITEM	QTY.	PART #	DESCRIPTION
	27B	5	223-0004	DECK TENSION SPRING

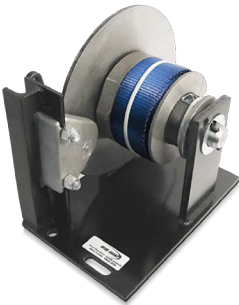
An exploded view diagram of the Verdock - Safety Stand Kit components. The diagram shows a main L-shaped bracket (4) in the center. Above it is a top link (5). To the right of the top link are three small screws (30) and a hex jam nut (29). Below the top link is a pivot pin (9). To the left of the main bracket is a lock pin (10) with a red cap. Below the main bracket are two long spring pins (20) and a hex jam nut (29). Arrows point from each numbered circle to its corresponding part.

KIT PART #				600-040
KIT DESCRIPTION				VERDOCK - SAFETY STAND KIT
PARTS INCLUDED IN KIT				
ITEM	QTY.	PART #		DESCRIPTION
4	1	1000847-1		SERVICE STAND
5	1	1000839		SERVICE STAND - TOP LINK
9	3	23-012803-1		PIVOT PIN
10	1	013-077		LOCK PIN
20	14	013-127		3/16" DIA. SPRING PIN X 1.50" LONG
29	1	011-527		HEX JAM NUT
30	1	010-066		SCREW CAP HHCS 5/8-11, GR.5

The diagram illustrates the assembly of the Powerdown Lip Assist Kit. It features a central hydraulic cylinder (1) connected to two hoses (4 and 5) via fittings (2 and 3). The hoses are labeled with circled numbers 3, 4, and 5. A circular inset shows the components of the kit, including the cylinder (1), fittings (2 and 3), and hoses (4 and 5).

KIT PART #		783-205-2	
KIT DESCRIPTION		POWERDOWN LIP ASSIST KIT FOR HYDRAULIC DOCK LEVELERS	
PARTS INCLUDED IN KIT			
ITEM	QTY.	PART #	DESCRIPTION
1	1	211-7002-K	CYL ASSY, LIP, DOUBLE ACTING
2	1	034-551	FITTING, RIGHT-ANGLE TEE ADAPT
3	1	034-601	FITTING, ELBOW 90 DEG,NPTM X JI
4	1	300-5000-7	HOSE, #6 HIGH PRESSURE, 12IN
5	1	300-5000-25	HOSE, #6 HIGH PRESSURE, 72IN

	KIT PART #		1001386
	KIT DESCRIPTION		EASY-PULL ASSEMBLY
	PARTS INCLUDED IN KIT		
	QTY.	PART #	DESCRIPTION
	1	1001386	EASY-PULL ASSEMBLY)

	KIT PART #		200-03019-1
	KIT DESCRIPTION		REPLACEMENT HOLD-DOWN ONLY CALIPER BRAKE TYPE FOR ADM / MANTIS UNITS
	PARTS INCLUDED IN KIT		
	QTY.	PART #	DESCRIPTION
	1	200-03019-1	ECALIPER BRAKE TYPE REPLACEMENT HOLD-DOWN (COMES WITH STRAPS)

KIT PART #		203-5040
KIT DESCRIPTION		LIP ASSIST ASSEMBLY RETROFIT KIT FOR MECHANICAL DOCK LEVELERS
PARTS INCLUDED IN KIT		
QTY.	PART #	DESCRIPTION
1	203-0023	BRACKET, LIP
1	203-5041	ACTUATOR ASSEMBLY
1	107-196	PIN, CLEVIS
1	013-010	SPRING PIN
1	203-5043	SPRING ROD ASSEMBLY
1	012-213	WASHER
1	011-509	NUT
1	017-077	LIP ASSIST SPRING



MTS-M Retrofit Kit for Blue Giant Mantis / ADM Mechanical Dock Leveler



PROBLEM:

Over time, mechanical docks can develop lip deployment problems, such as failure to fully extend or weakening of the deployment force.

SOLUTION:

Blue Giant offers a 'Lip Deployment Retrofit Kit' to fix this problem. Replacement of the old multi-link plate or shock absorber with newly designed 'lip latch assembly', followed by the installation of a 'lip assist spring'.

LIP LENGTH	CAPACITY	MODEL	PART #	
16" AND 18" (406 MM AND 457 MM)	25,000 AND 30,000 LB (11,340 AND 13,608 KG)	MTS6-6-25 AND MTS6-6-30	200-03400	
20" (508 MM)			200-03400-2	
16" (406 MM)		MTS6-8-25 AND MTS6-8-30	200-03400	
18" AND 20" (457 MM AND 508 MM)			200-03400-2	
16" (406 MM)		MTS6-10-25 AND MTS6-10-30	200-03400-2	
16" AND 18" (406 MM AND 457 MM)	35,000 AND 40,000 LB (15, 876 AND 18,144 KG)	MTS6-6-35 AND MTS6-6-40	200-03400-2	
20" (508 MM)			200-03400-1	
16" AND 18" (406 MM AND 457 MM)		MTS6-8-35 AND MTS6-8-40	200-03400-2	
20" (508 MM)			200-03400-1	
16" (406 MM)		25,000 AND 30,000 LB (11,340 AND 13,608 KG)	MTS66-6-25 AND MTS66-6-30	200-03400
18" (457 MM)	200-03400-2			
20" (508 MM)	200-03400-1			
16" (406 MM)	MTS66-8-25 AND MTS66-8-30		200-03400	
16" AND 18" (406 MM AND 457 MM)	35,000 AND 40,000 LB (15, 876 AND 18,144 KG)		MTS66-8-35 AND MTS66-8-30	
16" (406 MM)		MTS66-6-35 AND MTS66-6-40	200-03400-2	
18" AND 20" (457 MM AND 508 MM)			200-03400-1	
16" (406 MM)		MTS66-8-35 AND MTS66-8-40	200-03400-2	
18" AND 20" (457 MM AND 508 MM)			200-03400-1	
16" (406 MM)			200-03400-2	
18" AND 20" (457 MM AND 508 MM)			200-03400-1	
16", 18", 20" (406, 457, 508 MM)	25,000 AND 30,000 LB (11,340 AND 13,608 KG)	MTS7-6-25 AND MTS7-6-30		200-03400-2
16" AND 18" (406 MM AND 457 MM)		MTS7-8-25 AND MTS7-8-30	200-03400-2	
20" (508 MM)			200-03400-1	
16", 18", 20" (406, 457, 508 MM)	35,000 AND 40,000 LB (15, 876 AND 18,144 KG)	MTS7-6-35 AND MTS7-6-40		200-03400-1
16" (406 MM)		MTS7-8-35 AND MTS7-8-40	200-03400-2	
18" AND 20" (457 MM AND 508 MM)			200-03400-1	
16" (406 MM)	25,000 AND 30,000 LB (11,340 AND 13,608 KG)	MTS7-10-25 AND MTS7-10-40		200-03400-2

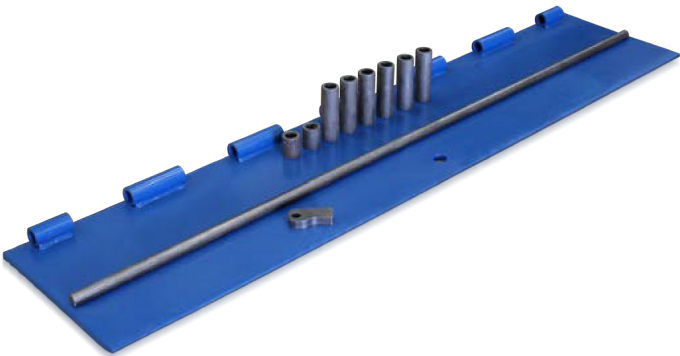
Replacement Lip, Spools, and Pin Kit

PRODUCT DETAILS:

- Standard paint finishes are “Blue Giant” blue RAL # 5019. Other colors available include battleship grey and black
- Kit includes: Replacement lip, deck spools, headboard gussets (if applicable), and lip pin

SET INCLUDES:

- Quantity x 2 - Lag Plate Assembly
- Quantity x 2 - Lip Stop Assembly
- Quantity x 8 - Anchor Wedge



CAPACITY	LENGTH (INCHES)	PART #			DESCRIPTION
		WIDTH (INCHES)			
		72	78	83	
25,000 LB (11,363 KG)	16	LSP-1672-25	LSP-1678-25	LSP-1683-25	1/2" (13 MM) THICK CHECK PLATE
	18	LSP-1872-25	LSP-1878-25	LSP-1883-25	5/8" (16 MM) THICK CHECK PLATE
	20	LSP-2072-25	LSP-2078-25	LSP-2083-25	
30,000 LB (13,636 KG)	16	LSP-1672-30	LSP-1678-30	LSP-1683-30	1/2" (13 MM) THICK CHECK PLATE
	18	LSP-1872-30	LSP-1878-30	LSP-1883-30	5/8" (16 MM) THICK CHECK PLATE
	20	LSP-2072-30	LSP-2078-30	LSP-2083-30	
35,000 LB (15,909 KG)	16	LSP-1672-35	LSP-1678-35	LSP-1683-35	1/2" (13 MM) THICK CHECK PLATE
	18	LSP-1872-35	LSP-1878-35	LSP-1883-35	5/8" (16 MM) THICK CHECK PLATE
	20	LSP-2072-35	LSP-2078-35	LSP-2083-35	
40,000 LB (18,181 KG)	16	LSP-1672-40	LSP-1678-40	LSP-1683-40	1/2" (13 MM) THICK CHECK PLATE
	18	LSP-1872-40	LSP-1878-40	LSP-1883-40	5/8" (16 MM) THICK CHECK PLATE
	20	LSP-2072-40	LSP-2078-40	LSP-2083-40	
45,000 LB (20,454 KG)	16	LSP-1672-45	LSP-1678-45	LSP-1683-45	1/2" (13 MM) THICK CHECK PLATE
	18	LSP-1872-45	LSP-1878-45	LSP-1883-45	5/8" (16 MM) THICK CHECK PLATE
	20	LSP-2072-45	LSP-2078-45	LSP-2083-45	
50,000 LB (22,727 KG)	16	LSP-1672-50	LSP-1678-50	LSP-1683-50	1/2" (13 MM) THICK CHECK PLATE
	18	LSP-1872-50	LSP-1878-50	LSP-1883-50	5/8" (16 MM) THICK CHECK PLATE
	20	LSP-2072-50	LSP-2078-50	LSP-2083-50	

DESCRIPTION	PART #
LIP KEEPERS (LONGER LIP) SET	825-652

PAINT COLORS





STANDARD BLUE

DESCRIPTION	PART #
STANDARD BLUE	039-196



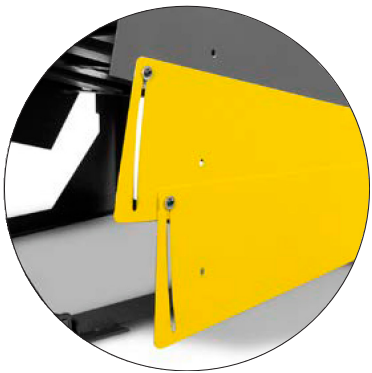
BATTLESHIP GREY

DESCRIPTION	PART #
BATTLESHIP GREY	039-197



BLACK GLOSS

DESCRIPTION	PART #
BLACK GLOSS	039-130



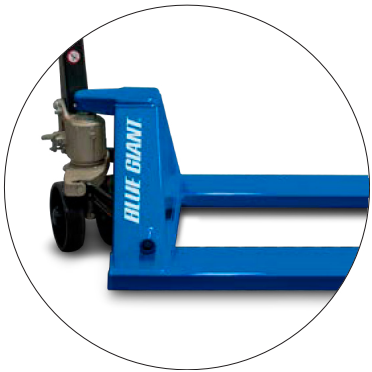
SAFETY YELLOW

DESCRIPTION	PART #
SAFETY YELLOW	039-198



ELECTRIC PALLET TRUCKS

DESCRIPTION	PART #
BIG JOE BLUE	039-011



MANUAL PALLET TRUCKS

DESCRIPTION	PART #
PALLET TRUCK BLUE	039-012

BLUE GIANT®
BLUE GIANT EQUIPMENT CORPORATION

Corporate 410 Admiral Blvd
Mississauga, ON, Canada L5T 2N6
t 905.457.3900 f 905.457.2313

USA 6350 Burnt Poplar Road
Greensboro, NC 27409
www.bluegiant.com

If calling within North America: t 1.800.872.2583 f 1.888.378.5781 © Copyright Blue Giant Equipment Corporation 2025