

PARTS LIST

STRONGARM™ HVR303 VEHICLE RESTRAINT

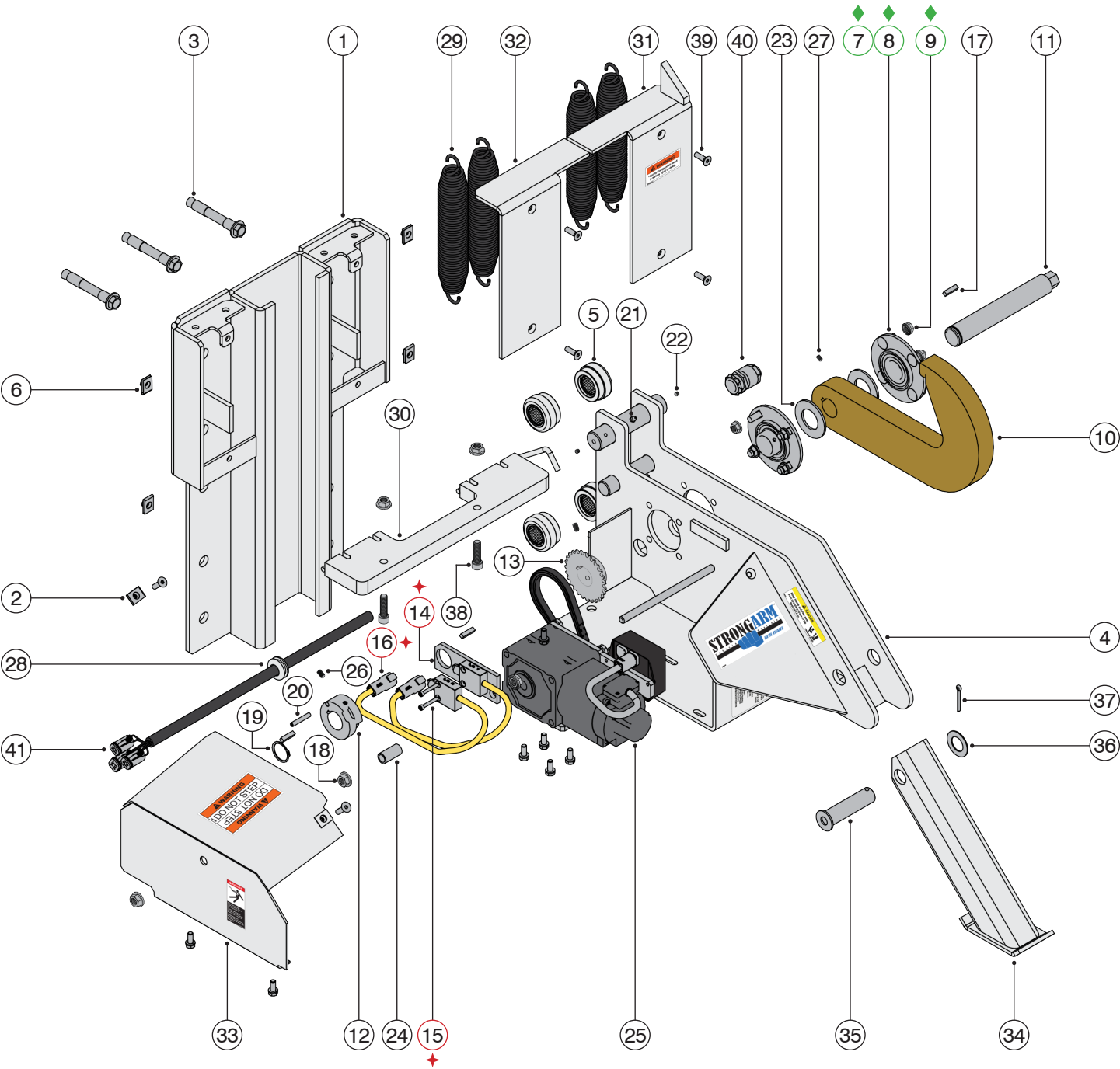


STARTING FROM: APRIL, 2017
SERIAL # 418567

BLUE GIANT®

ISSUE DATE: SEPTEMBER 13, 2017 (PART # 038-844EPL)

MECHANICAL ASSEMBLY - 56-010200



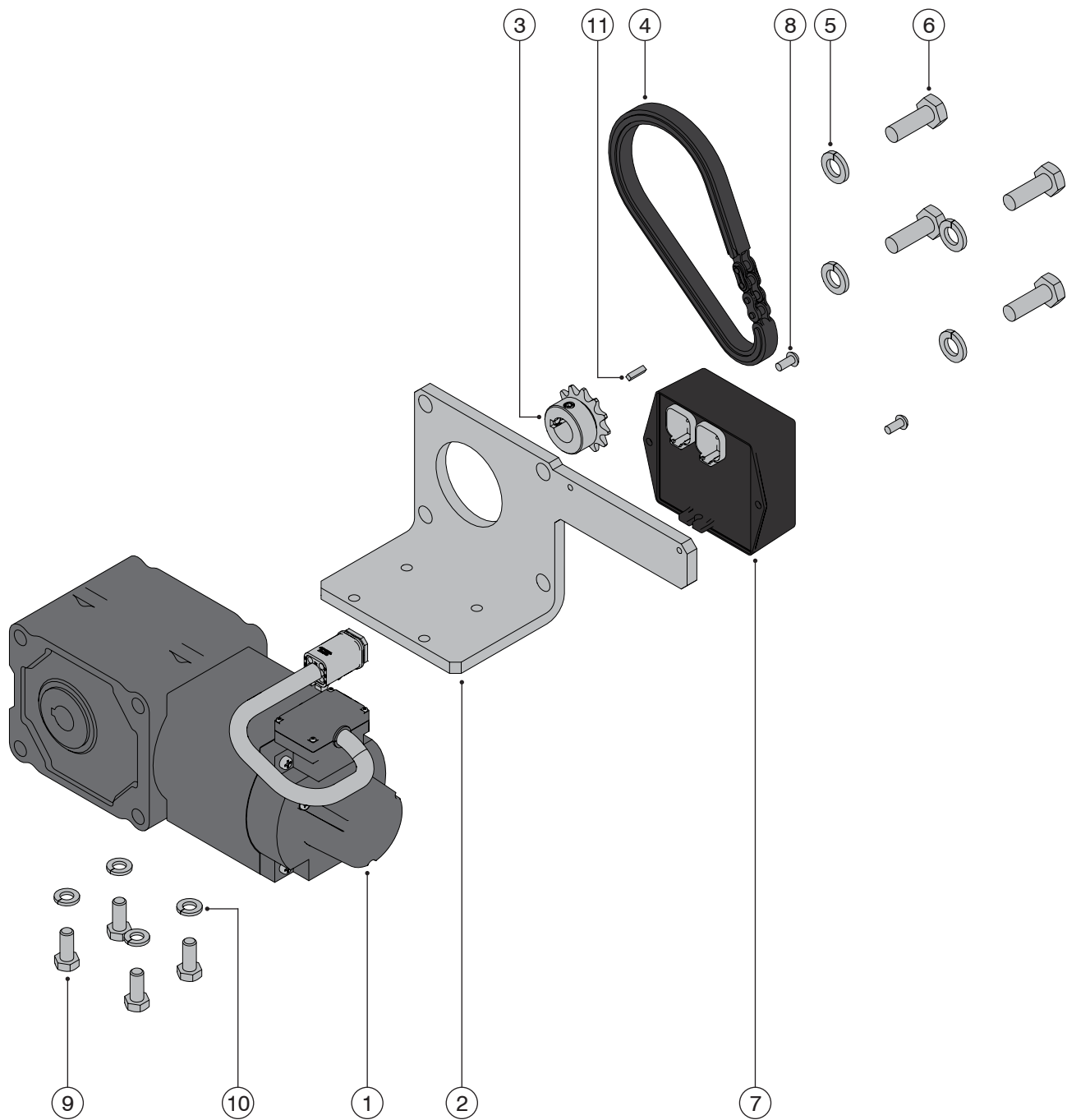
NOTE	PART NO.	DESCRIPTION
◆	56-010332	Bearing assembly includes parts highlighted
★	56-010390	Limit switch assembly includes parts highlighted

MECHANICAL ASSEMBLY - 56-010200 CONT'D.

ITEM	QTY.	PART NO.	DESCRIPTION
1	1	56-010198	Roller Track Weld
2	1	011-864	Cage Nut 5/16 UNC
3	15	010-239	Self-Tapping Anchor
4	1	56-010196	Carriage Weld
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 - ANSI #35B27 x BORE 1 1/4
+ 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"

ITEM	QTY.	PART NO.	DESCRIPTION
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 - See pg. 4
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
30	1	56-010193	Springs Bar Weld
31	1	56-010306	L Spring Cover Weld
32	1	56-010304	R Spring Cover
33	1	56-010387	Motor Cover Assembly
34	1	56-010319	Extension Arm Weld
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

GEARMOTOR ASSEMBLY - 1005462

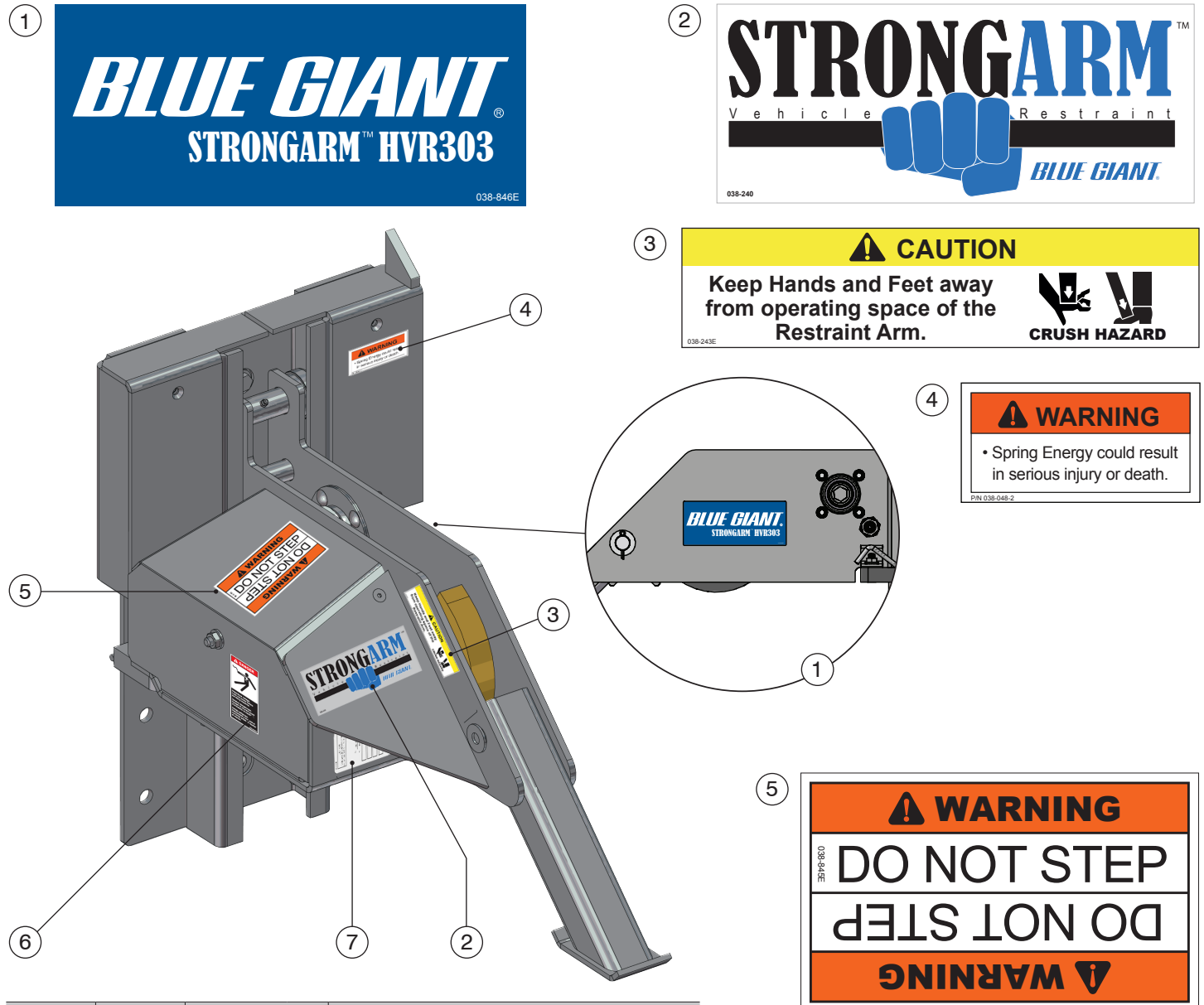


GEARMOTOR ASSEMBLY - 1005462

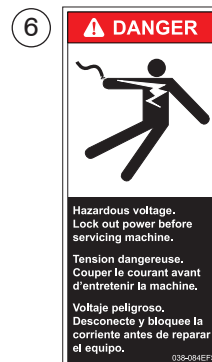
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	1005476	Gearmotor with Cable and Connector
2	1	2000487	Gearmotor Bracket
3	1	023-049	Chain Sprocket
4	1	1005470	Roller Chain
5	4	012-228	Lockwasher Spring 7/16"
6	4	010-170	Hex Head Cap Screw M10x20 - GR 8.8

ITEM	QTY.	PART NO.	DESCRIPTION
7	1	026-G061-A	Gearmotor Controller Assembly
8	2	011-010	Machine Screw 10-24 x 3/8"
9	4	010-037	Hex Head Cap Screw 5/16-18 UNC x 3/4" L
10	4	1005470	Lockwasher Spring 5/16"
11	1	118-755	Key 1/4" Sq x 1" LG

DECAL IDENTIFICATION AND LOCATION



ITEM	QTY	PART NO.	DESCRIPTION
1	1	038-846E	Decal - BG HVR303
2	1	038-240	Decal - StrongArm - Vehicle Restraint
3	1	038-243	E F Decal - Crush Hazard
4	1	038-048-2	Warning Decal - Springs Energy
5	1	038-845	E F Warning Decal - Do Not Step
6	1	038-084EFS	Warning Decal - Hazardous Voltage
7	1	038-299E	F S Decal - Serial Plate



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MADE IN CANADA
FABRIQUE AU CANADA

MODEL:

SERIAL NO.

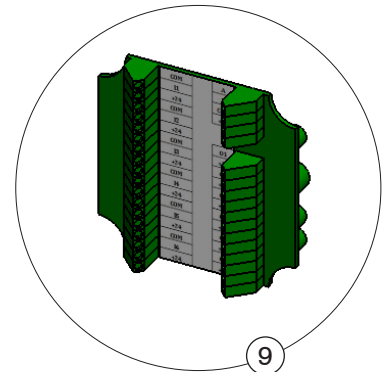
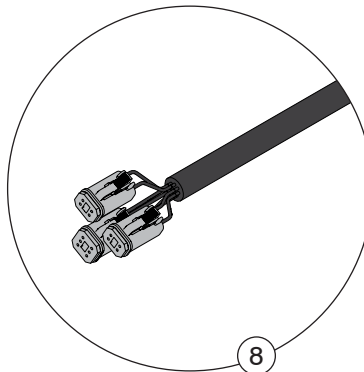
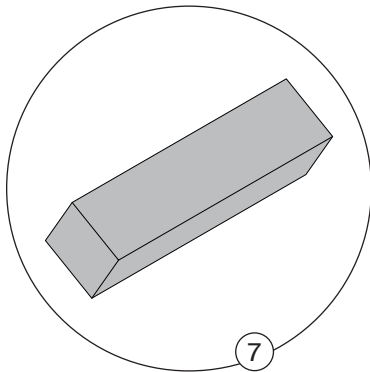
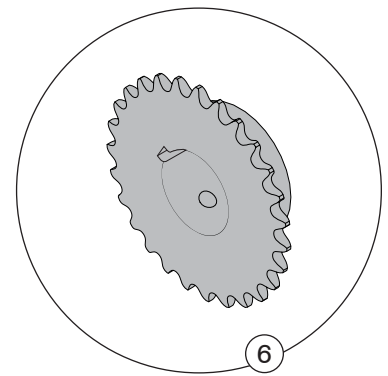
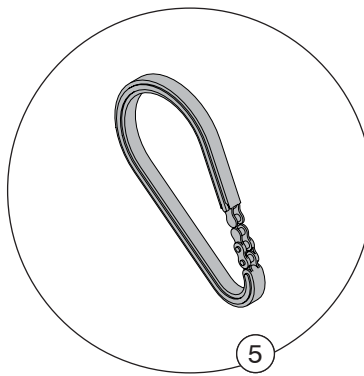
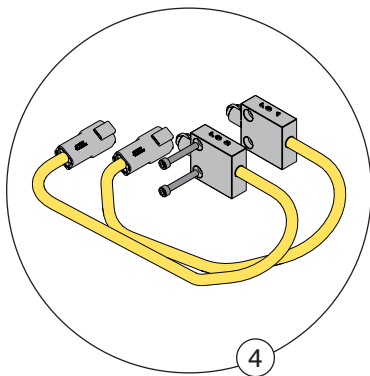
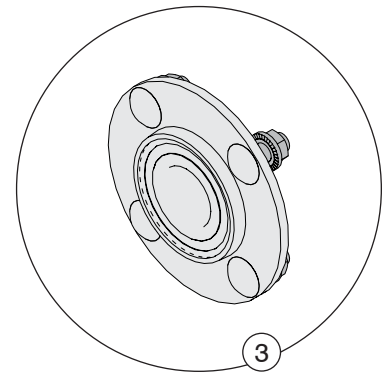
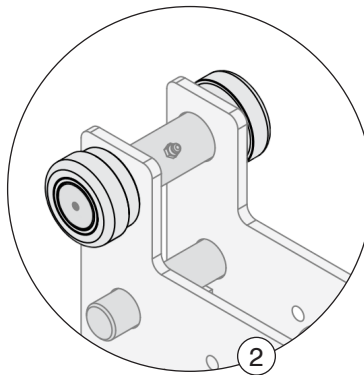
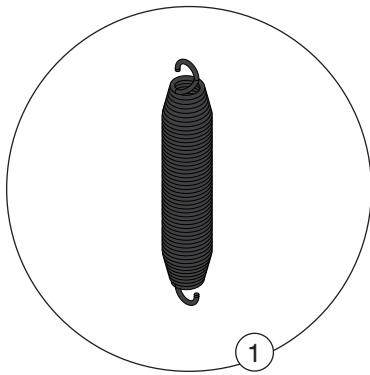
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TEST LOAD

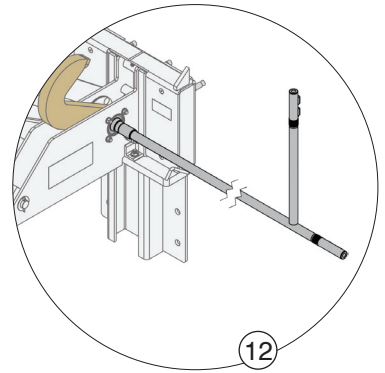
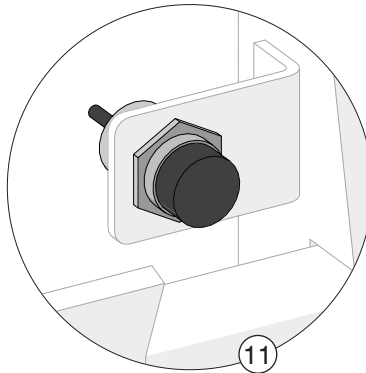
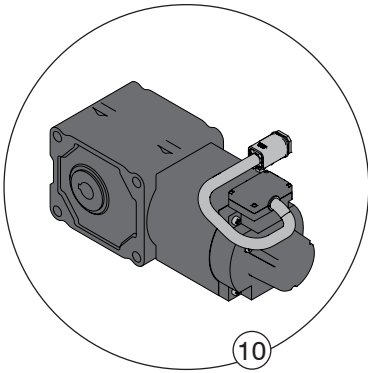
"REFER TO SAFETY AND OPERATING INSTRUCTIONS IN YOUR OWNERS MANUAL"

038-299E

10.0 RECOMMENDED SPARE PARTS - STANDARD OPERATIONAL COMPONENTS

STANDARD OPERATIONAL COMPONENTS			
ITEM	PART NO.	DESCRIPTION	QTY REQ'D
1	56-010295	Extension Spring	4
2	019-034	Carriage Roller Housing with Bearing	4
3	56-010332	Y Bearing Assembly with Hardware	2
4	026-H19	Limit Switch with Connector	2
5	1005470	Roller Chain Assembly	1

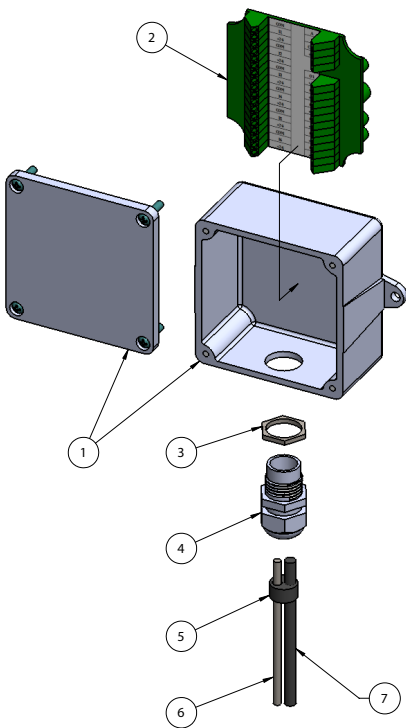
STANDARD OPERATIONAL COMPONENTS			
ITEM	PART NO.	DESCRIPTION	QTY REQ'D
6	023-048	Chain Sprocket	1
7	118-755	Key 1/4 Square	3
8	026-H18	Harness with Cable and Connectors	1
9	026-G025M	Remote I/O Board (Resistor)	1

RECOMMENDED SPARE PARTS - OPTIONAL SUPPORT COMPONENTS**OPTIONAL SUPPORT COMPONENTS**

ITEM	PART NO.	DESCRIPTION	QTY REQ'D
10	1005476	Gear Motor Assembly with Cable and Connector	1
11	028-206	Proximity Sensor (30mm Unshielded) Home/Lip Sensor	1
12	56-011930	Lock Manual Release Tool	1

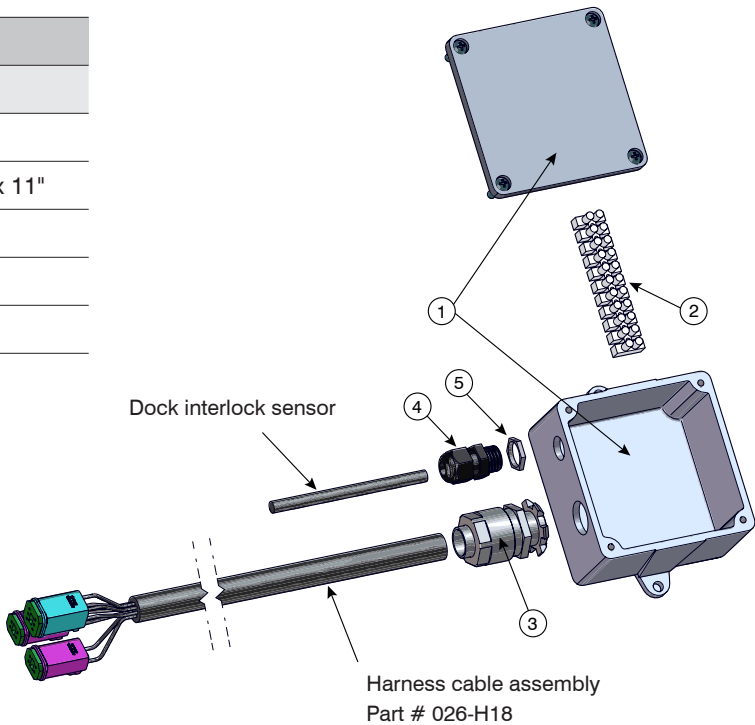
JUNCTION BOX W/REMOTE I/O

JUNCTION BOX ASSEMBLY PART # 51-010950			
ITEM	QTY	PART NO.	DESCRIPTION
1	1	025-G020-R	Junction Box 4" x 4"
2	1	026-G025M	Remote I/O Board (Resistor)
3	1	025-177	PG16 Metal Locknut
4	1	025-174	PG16 Cable Gland
5	1	025-179	PG16 Multi-Hole Seal
6	1	026-G031-C	Communication Cable Shielded - 15' (4.6 m)
7	1	026-6034-3600-1	7-Wire Cable (From Junction Box Assembly)



JUNCTION BOX ASSEMBLY

JUNCTION BOX ASSEMBLY PART # 56-010968			
ITEM	QTY	PART NO.	DESCRIPTION
1	1	025-G020-P	Junction Box 4" x 4"
2	1	025-172	Terminal Blocks 0.32" x 11"
3	1	025-016	Fitting SR-50-625 3/4"
4	1	025-173	PG9 Cable Gland
5	1	025-176	PG9 Metal Locknut





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