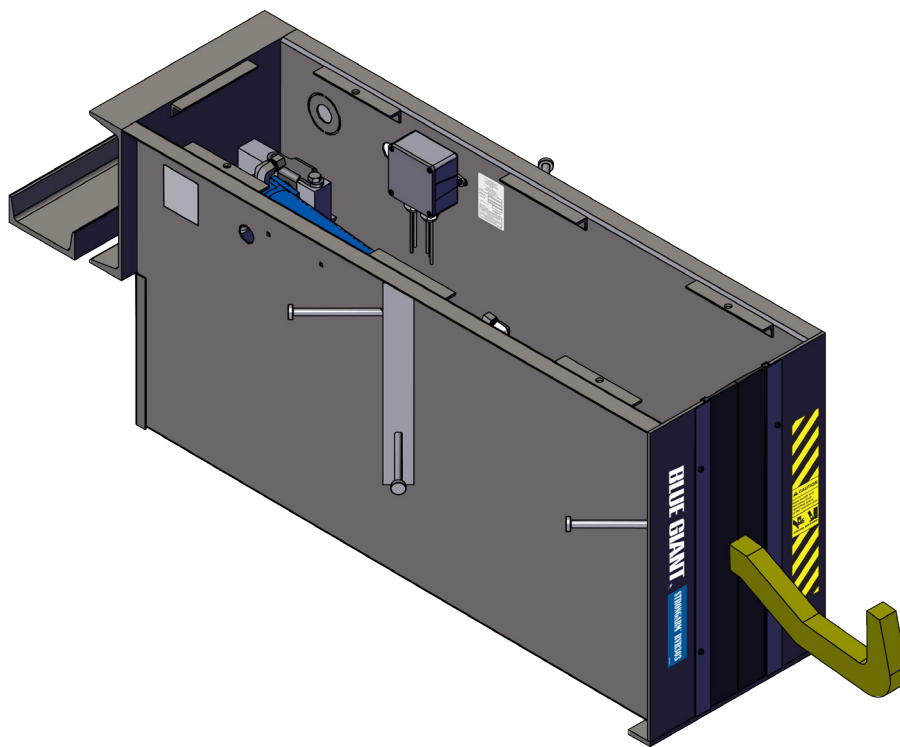


PARTS LIST

STRONGARM™ RVR303 VEHICLE RESTRAINT

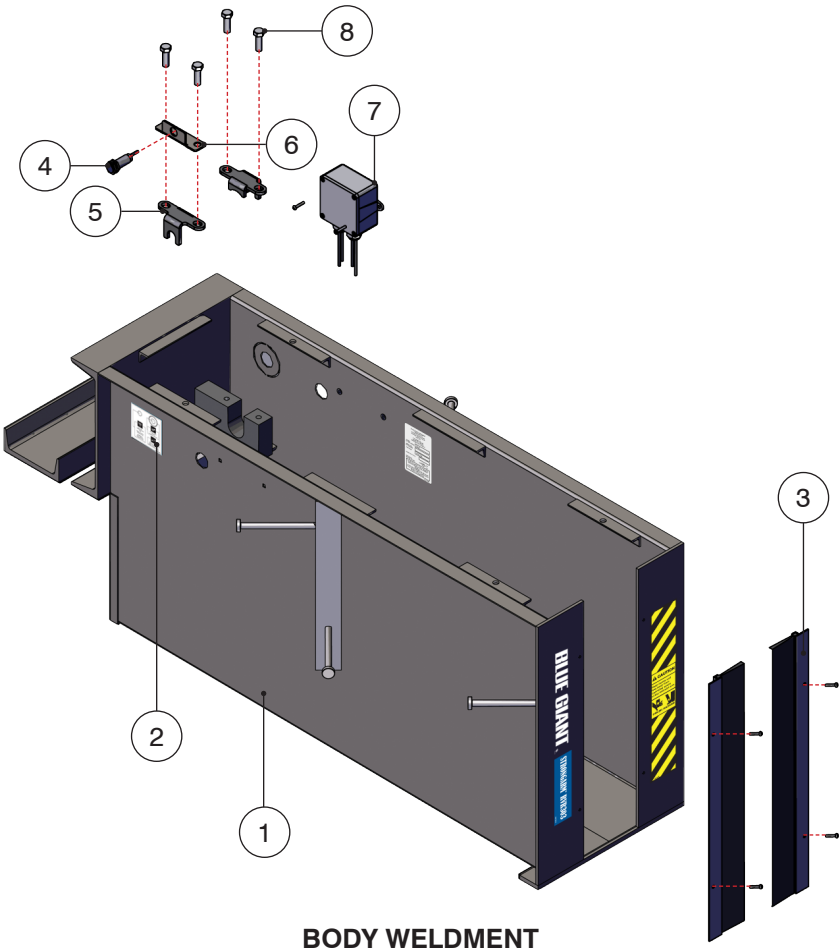
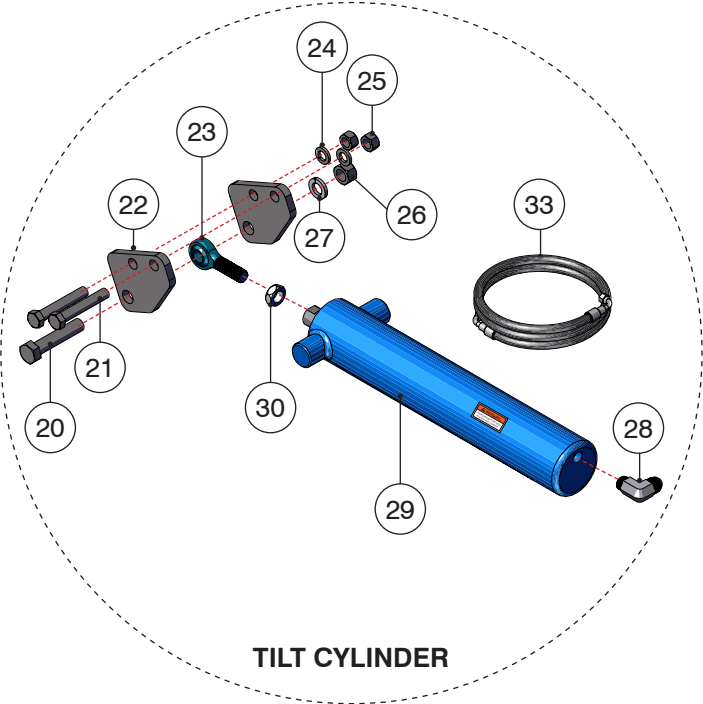
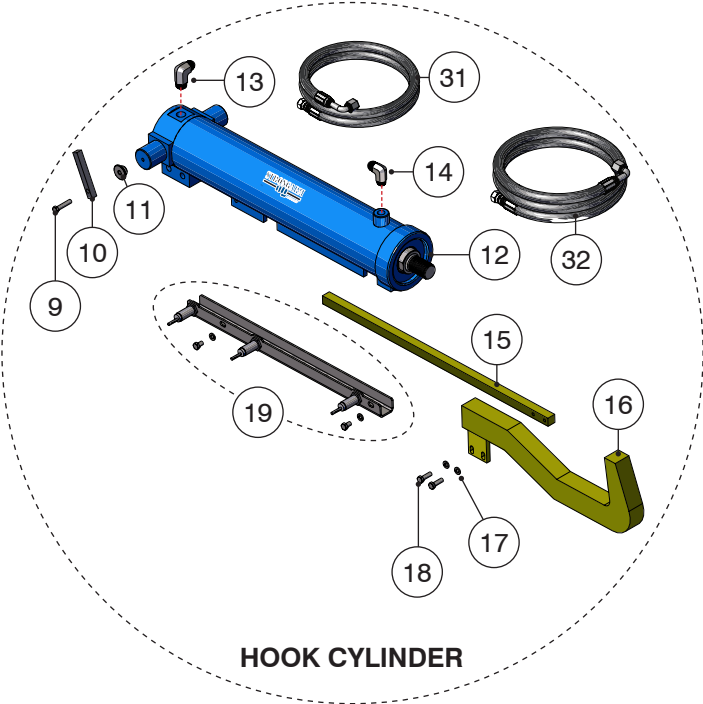


STARTING FROM: MARCH, 2016
SERIAL # 411892

BLUE GIANT®

ISSUE DATE: SEPTEMBER 13, 2017 (PART # 038-953EPL)

MECHANICAL ASSEMBLY - 1000475



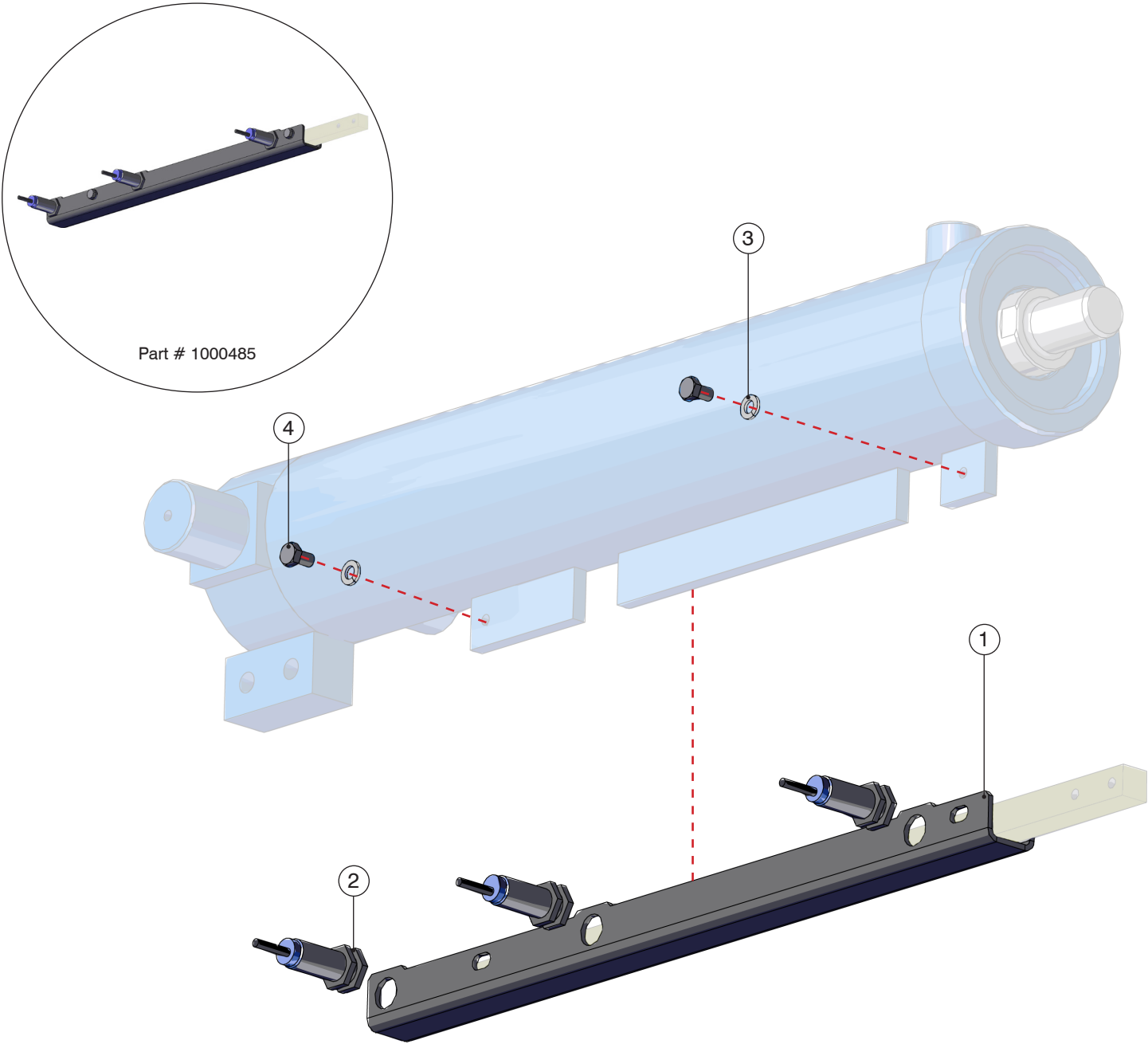
MECHANICAL ASSEMBLY - 1000475 CONT'D.

ITEM	QTY	PART NO.	DESCRIPTION
1	1	54-010979	RVR303 Body Weldment
2	2	038-894EFS	Decal, Conduit Details
3	2	1001730	Retainer Assembly
4	1	028-200	Proximity Sensor 10-30V
5	2	1000484	Cylinder Holding Plate
6	1	1000487	Tilt Sensor Bracket
7	1	025-G020-2	Junction Box
8	4	010-048	Cap Screw 1/2-13 UNC 1-1/2
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	1	034-500	Elbow SAE# 8 x 3/8 NPT Male
15	1	1000457	Guidance Bar

ITEM	QTY	PART NO.	DESCRIPTION
16	1	1000459	Hook, Recessed Restraint
17	2	012-200	Spring Washer 5/16
18	2	010-006	Cap Screw 5/16-18 x 1 HH GR. 5 ZC
19	1	1000485	Guidance Channel Assembly - See pg. 4
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 UNF - 5/88 Ball ID
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

	HOSE ASSY. - #8 HIGH PRESSURE		RUN TO PIT - 5' (1.5m)		RUN TO POST - 9' (2.7m)		RUN TO WALL - 17' (5.2m)	
ITEM	DESCRIPTION		PART NO.	ACTUAL SIZE	PART NO.	ACTUAL SIZE	PART NO.	ACTUAL SIZE
31	Hook	Extend	300-5007-1	6' (1.8m)	300-5007-7	14" (4.3m)	300-5007-9	22' (6.7m)
32		Retract	300-5007-3	8' (2.4m)	300-5007-8	16" (4.9m)	300-5007-10	24' (7.3m)
	HOSE ASSY. - #6 HIGH PRESSURE							
33	Tilt	Raise	100-5018-3	8' (2.4m)	100-5018-4	16" (4.9m)	100-5018-5	24' (7.3m)

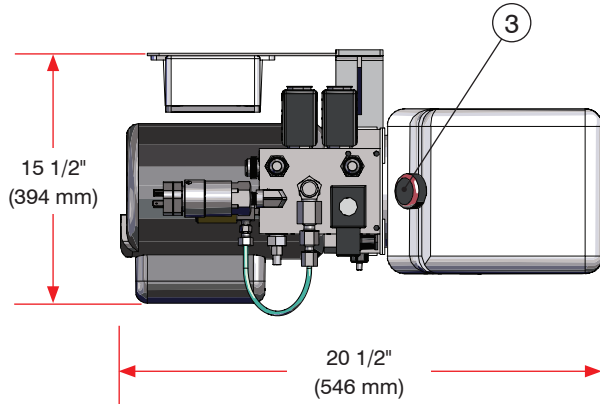
GUIDANCE CHANNEL ASSEMBLY



RVR303 GUIDANCE CHANNEL ASSEMBLY # 1000485			
ITEM	QTY	PART NO.	DESCRIPTION
1	1	1000483	Guidance Channel
2	3	028-200	Proximity Sensor
3	2	012-200	Spring Lock Washer 5/16
4	2	010-03	Cap Screw 5/16-18 x 1/2

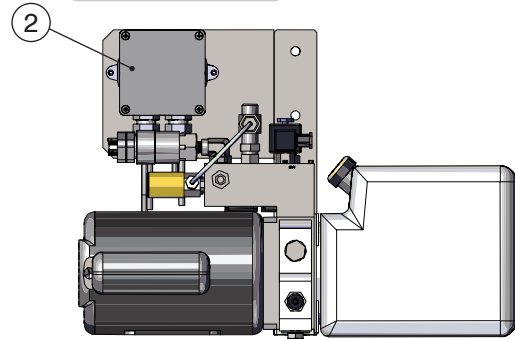
POWERPACK PART IDENTIFICATION

① Powerpack, Pump, Motor, Tank

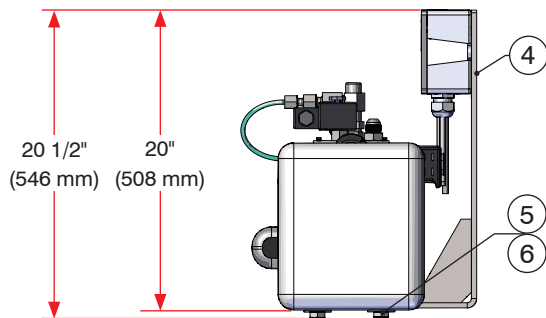


Top View – Wall Mount

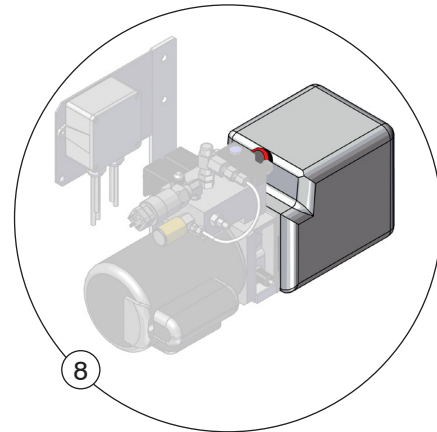
Inside terminal box



Front View – Wall Mount



Side View (Tank End) – Wall Mount



Powerpack Tank Kit

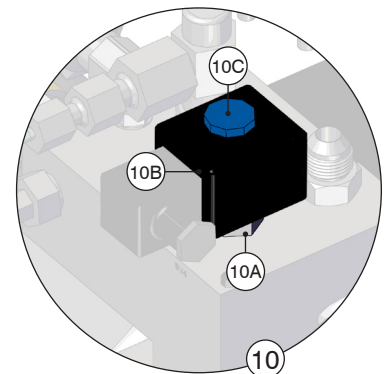
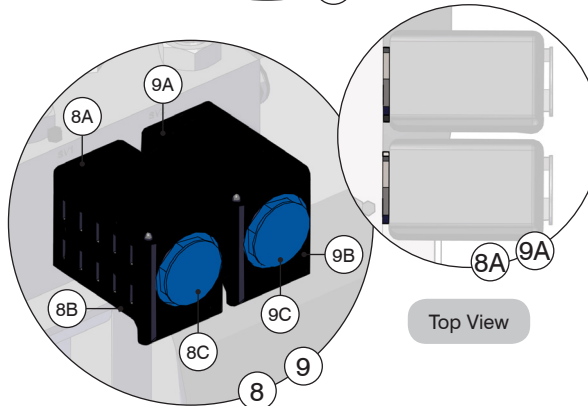
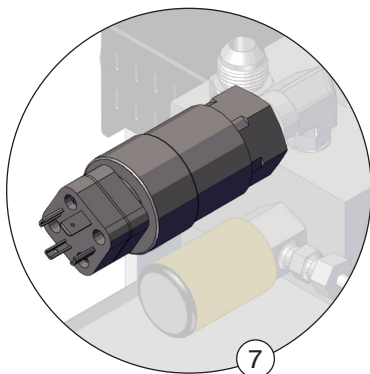
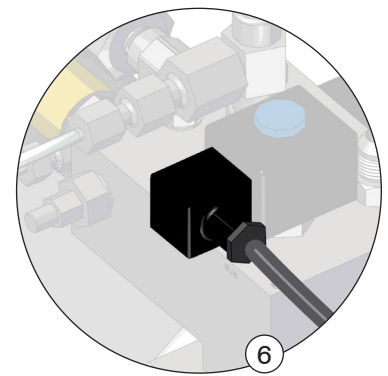
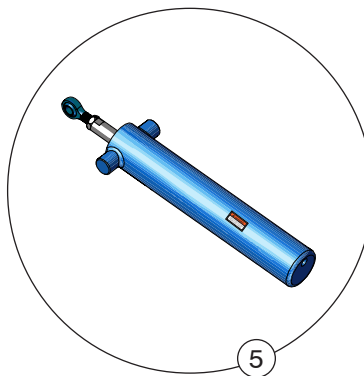
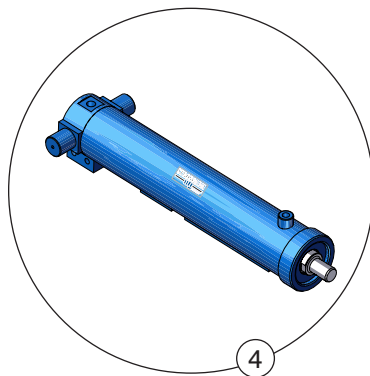
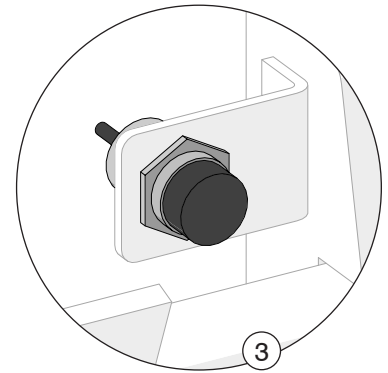
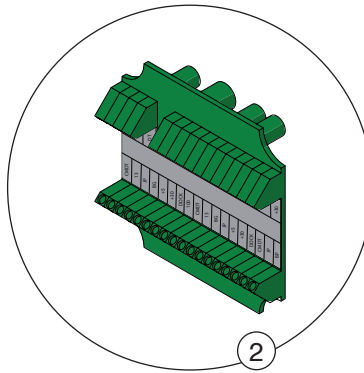
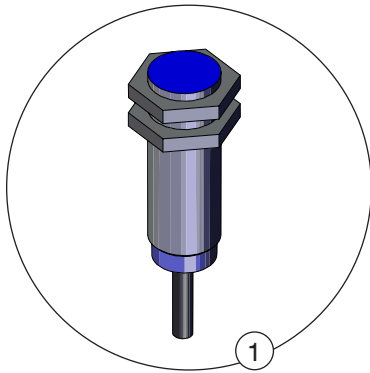
RVR303 POWERPACK ASSEMBLY # 1002880

ITEM	QTY	PART NO.	DESCRIPTION	ITEM#1
1	1	1002880	RVR303 PP 1PH-115/230V-60HZ	033-464
		1002880-1	RVR303 PP 3PH-230/460V-60HZ	033-465
		1002880-2	RVR303 PP 3PH-575V-60HZ	033-466
2	1	026-H34	RVR303 Remote I/O Harness (See pg. 11)	

RVR303 POWERPACK ASSEMBLY # 1002880

ITEM	QTY	PART NO.	DESCRIPTION	ITEM#1
3	1	080-538	RVR303 Powerpack Tank Breather Cap	
4	1	23-014590	Wall Bracket	
5	2	010-170	Hex Head Cap Screws M10x20	
6	2	012-263	Flat Washers (U.S.) 7/16"	
7	1	—	Hydraulic Oil	
8	1	080-K007	Tank (Reservoir Oil) Kit	

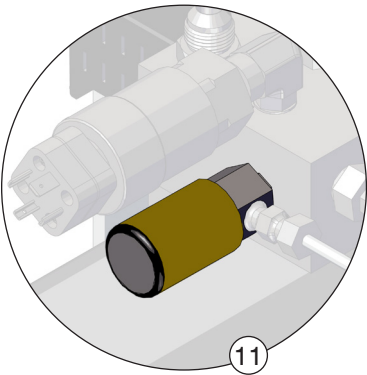
RECOMMENDED SPARE PARTS - STANDARD OPERATIONAL COMPONENTS



RSP FOR RVR303 – STD OPERATIONAL COMPONENTS			
ITEM	PART NO.	DESCRIPTION	QTY. REQ'D
1	028-200	Proximity Sensor (18mm Shielded) 10-30V	1
2	026-G025	Remote I/O Board	1
3	028-206	Proximity Sensor (30mm Unshield): Home / Lip Sensor with 5m Cable	1
4	1000450-KIT	Hook Cylinder Kit	1
5	1000474-KIT	Tilt Cylinder Kit	1
6	026-G074	Cap and Cable	1
7	080-535	Pressure Switch	1

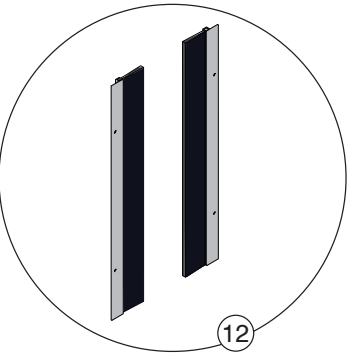
RSP FOR RVR303 – STD OPERATIONAL COMPONENTS			
ITEM	PART NO.	DESCRIPTION	QTY. REQ'D
8	080-K004	SV1 Kit	1
		8A: 080-528 - Dir. Valve	
		8B: 080-531 - 24VDC Coil	
9	080-K005	SV2 Kit	1
		9A: 080-529 - Dir. Valve	
		9B: 080-531 - 24VDC Coil	
10	080-K006	SV3 Kit	1
		10A: 080-530 - Valve	
		10B: 080-532 - 24VDC Coil	
		10C: 033-508-1N Nut	

RECOMMENDED SPARE PARTS - STANDARD OPERATIONAL COMPONENTS CONT'D.



RSP FOR RVR303 – STD OPERATIONAL COMPONENTS			
ITEM	PART NO.	DESCRIPTION	QTY. REQ'D
11	080-533	Regen Valve	1

RECOMMENDED SPARE PARTS - COMPONENT SHIELDS

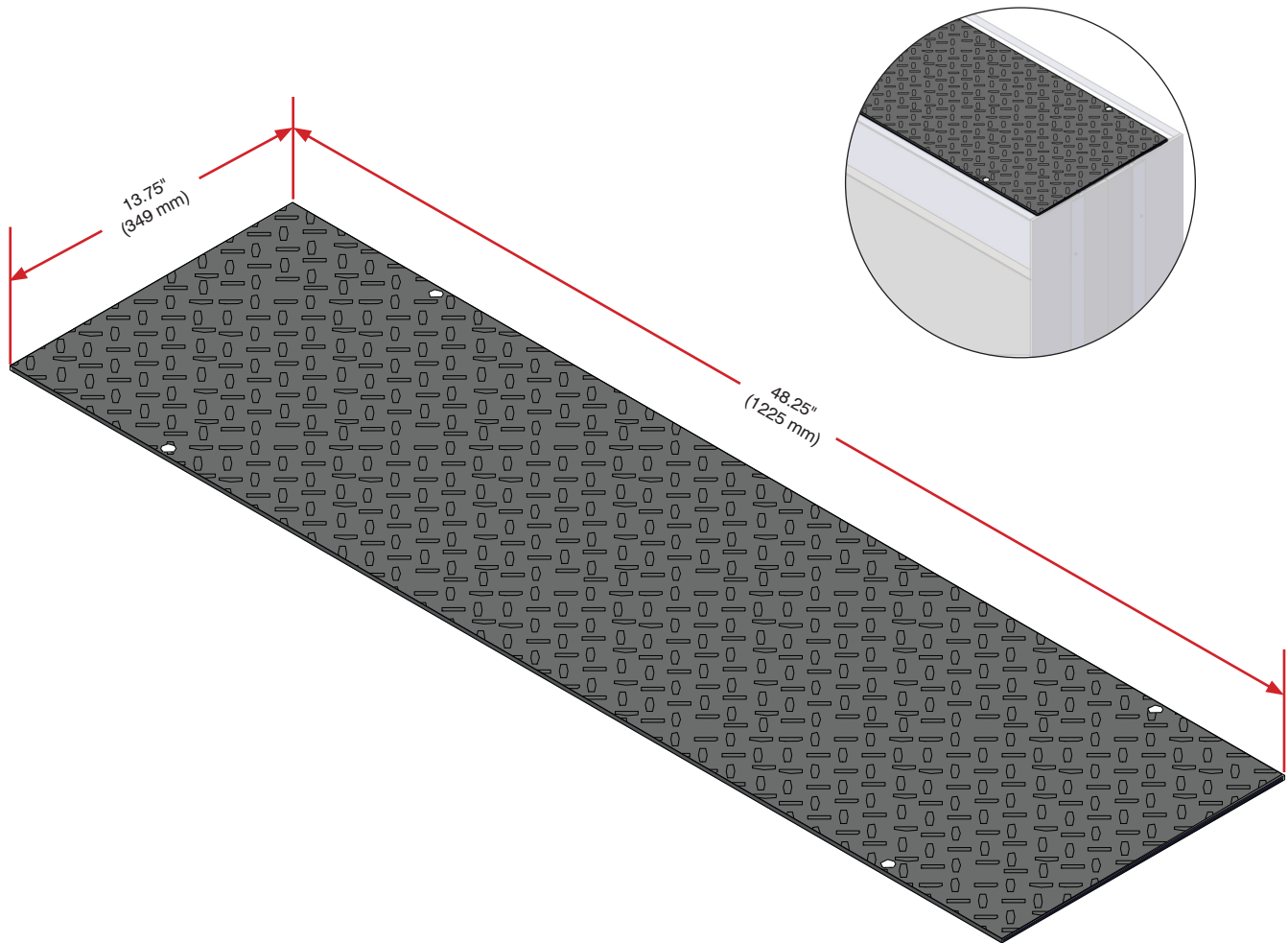


RSP FOR RVR303 – COMPONENT SHIELDS			
ITEM	PART NO.	DESCRIPTION	QTY. REQ'D
12	100173	Retainer Assembly	2

OPTIONAL COVER PLATE

The RVR303 cover plate prevents debris from entering the body of the unit, greatly reducing maintenance.

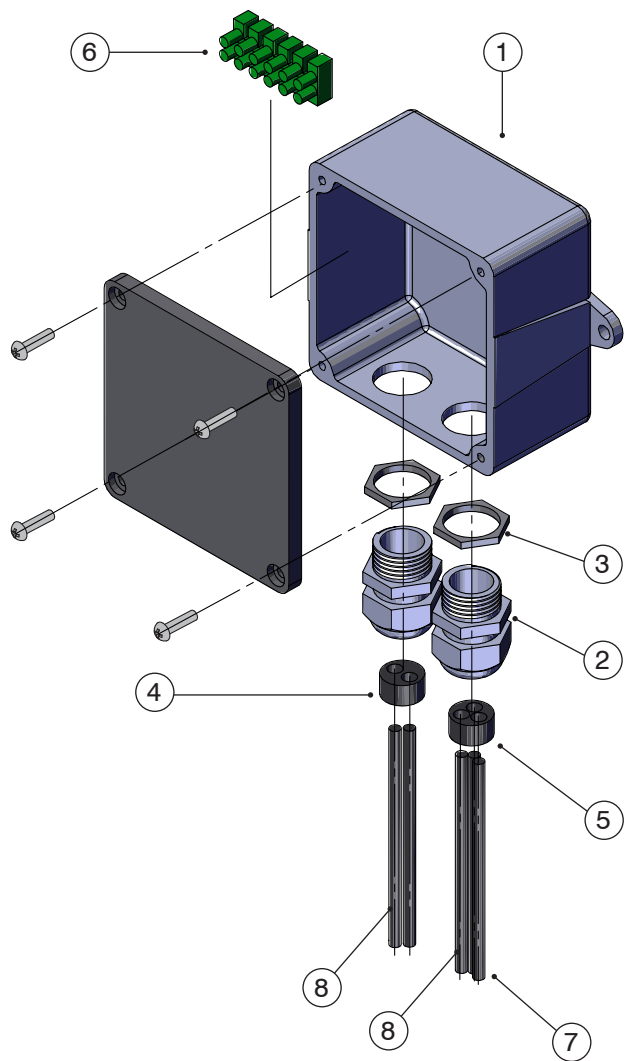
NOTE: Checkered steel option shown. The smooth steel cover plate is fitted with a notch.

**RVR303 COVER PLATE**

TYPE	PART NO.	APPLICATION	QTY REQ'D
Checkered Steel	1001727	Vertical docks	1
Smooth Steel	1001727-1	Pit docks	1

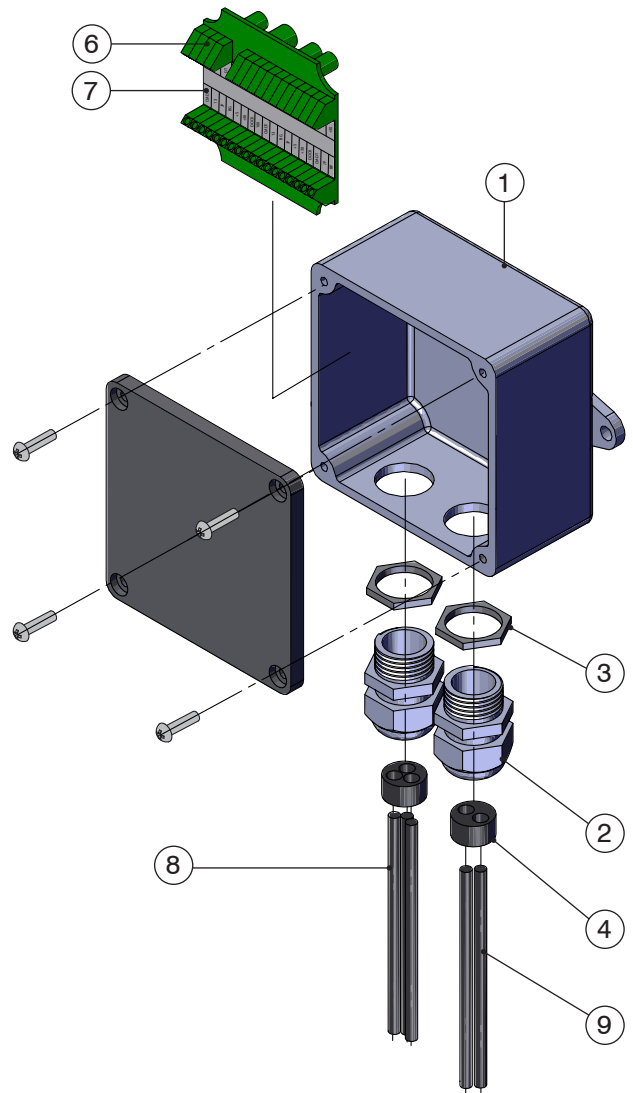
RESTRAINT JUNCTION BOX

RVR303 REMOTE I/O HARNESS ASSEMBLY # 026-H24			
ITEM	QTY	PART NO.	DESCRIPTION
1	1	025-G020M	Junction Box 4" x 4" (2 Holes)
2	2	025-174	PG16 Cable Gland
3	2	025-177	PG16 Metal Locknut
4	1	025-179	PG16 Multi-Hole Seal (2 Holes)
5	1	025-175	PG16 Multi-Hole Seal (3 Holes)
6	1	025-172-6	Terminal Block
7	1	026-G033-2400	Communication Cable
8	4	028-200	Proxy Switches

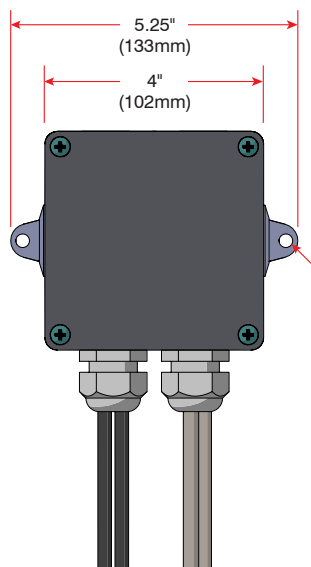


JUNCTION BOX W/REMOTE I/O

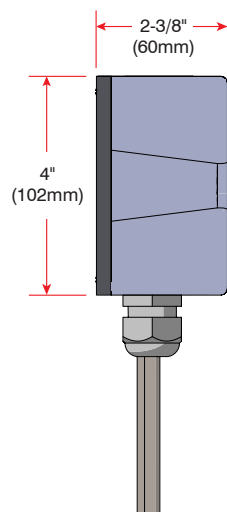
RVR303 REMOTE I/O HARNESS ASSEMBLY # 026-H34			
ITEM	QTY	PART NO.	DESCRIPTION
1	1	025-G020M	Junction Box 4" x 4" (2 Holes)
2	2	025-174	PG16 Cable Gland
3	2	025-177	PG16 Metal Locknut
4	1	025-179	PG16 Multi-Hole Seal (2 Holes)
5	1	025-175	PG16 Multi-Hole Seal (3 Holes)
6	1	026-G025	Remote I/O Board
7	1	038-279	Decal, I/O Circuit Board
8	4	026-G074	Solenoid Valve Connector
9	1	026-H16-1	Comms. - Harness w/ cable - 30'



JUNCTION BOX DIMENSIONS



Junction Box - Front View



Junction Box - Side View



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