

- ASSEMBLY NOTES:
- USE PARKER O-LUBE ON ALL O-RINGS AND MATING SURFACES UNLESS OTHERWISE NOTED.
- 1

USE PERMABOND LM113 OR LOCTITE 222.
- 2

USE PERMABOND HH120 OR LOCTITE 277.
- 3

USE LOW-TEMP LUBRIPLATE.
- 4

DIMPLE AT ASSEMBLY.
- 5

THOROUGHLY COAT WITH NEVER SEEZ MARINERS CHOICE.
- 6

USE PERMABOND LH050 OR LOCTITE 592.
- 8

GENERAL DEPICTION SEE BILL OF MATERIAL.
- 9

ALIGN BALL IN HOLE. TIGHTEN PLUG UNTIL TOUCHES BALL. THEN BACK OUT PLUG 1/4-1/2 TURN.
- 12

ASSEMBLE MOTOR TO PLANETARY HOUSING AND GEARBOX HOUSING SO THE MOTOR WIRES EXIT AS SHOWN.
- 13

ASSEMBLE WITH ROUNDED EDGES OF RETAINING RING TOWARDS WATERWAY.
- 14

ASSEMBLE WITH ROUNDED EDGES OF RETAINING RING AWAY FROM WATERWAY.
- 15

INSTALL SENSOR WITH POTTED SIDE TOWARD WATERWAY.
- 16

NOTCH ON SIDE OF MAGNET TO COINCIDE WITH FLAT ON SHAFT.
- 17

TIGHTEN UNTIL SNUG, THEN BACKOFF 1/4 TURN.
- 18

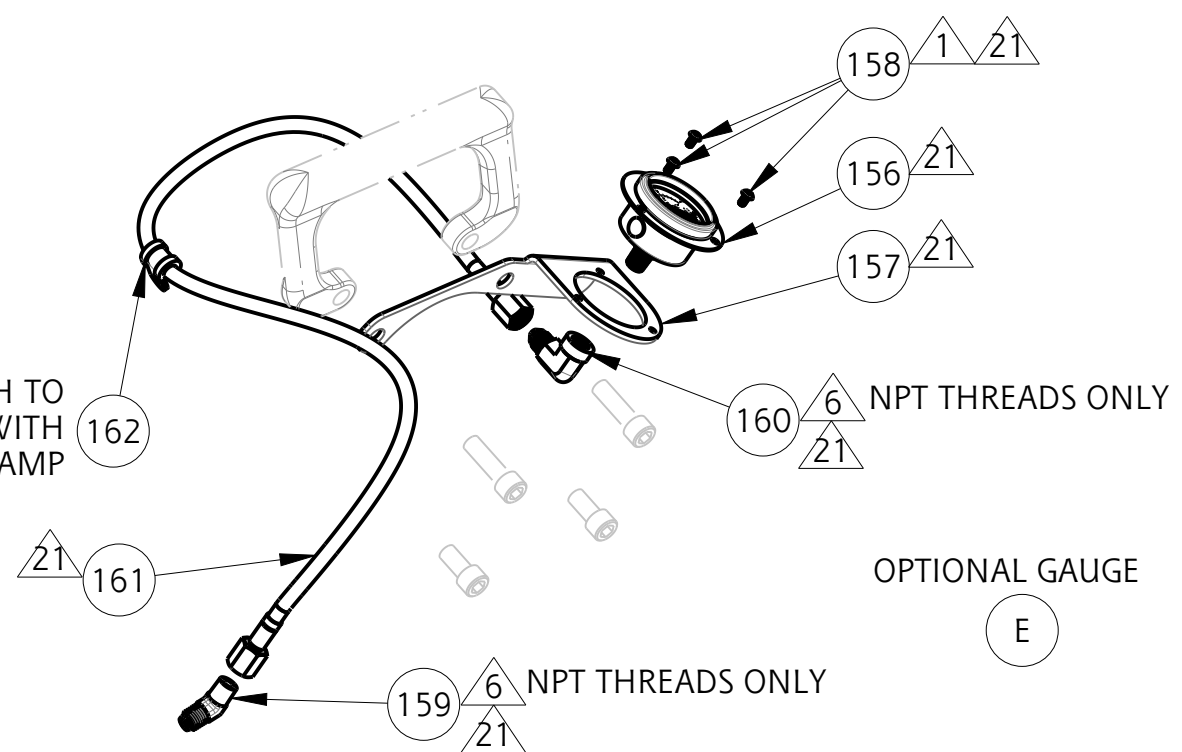
ALIGN TIMING INDICATORS ON JOINT PARTS PRIOR TO INSTALLING POSITION SENSOR.
ADJUST OUTPUT TO 2.50V ±0.01V.
- 19

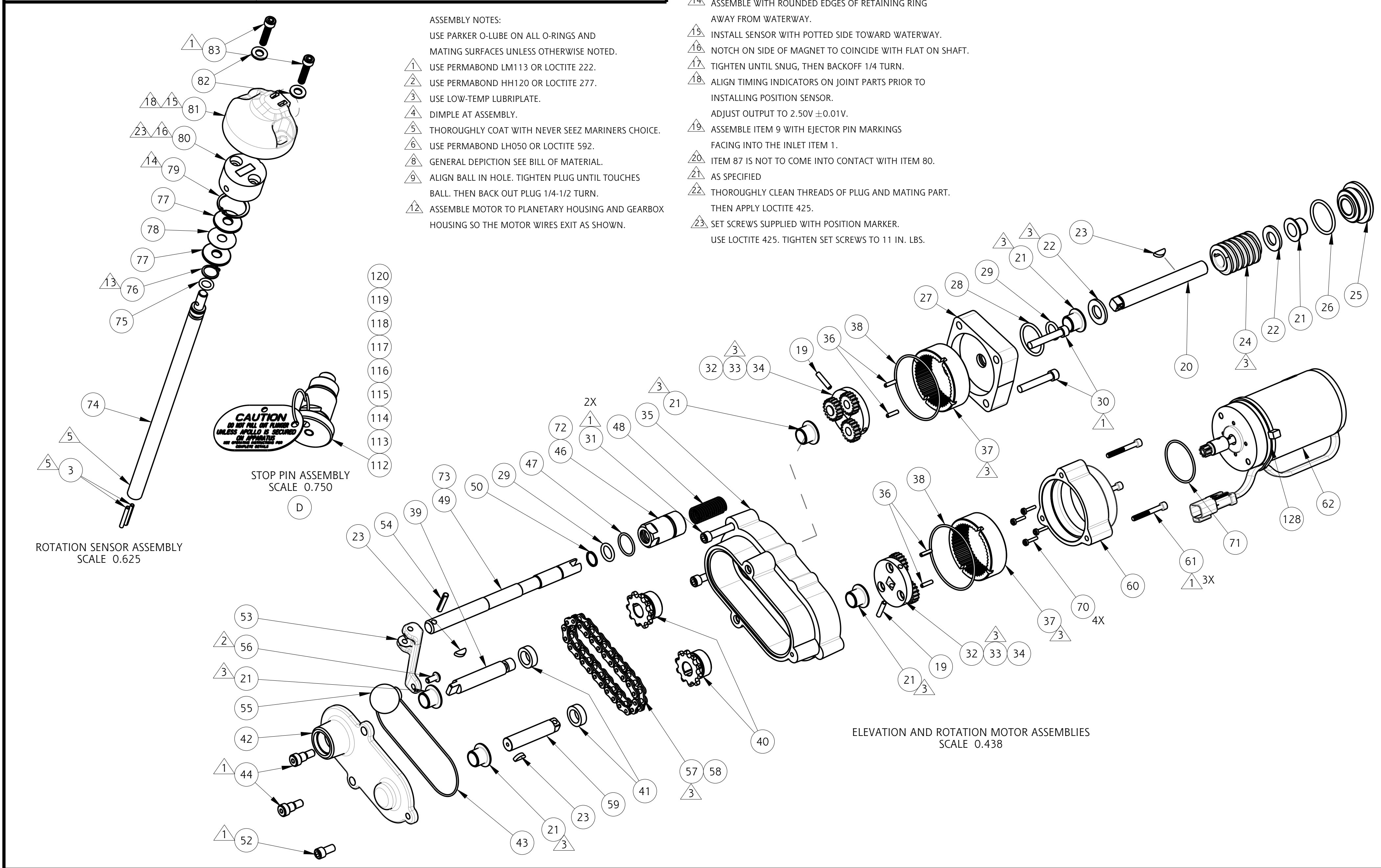
ASSEMBLE ITEM 9 WITH EJECTOR PIN MARKINGS FACING INTO THE INLET ITEM 1.
- 20

ITEM 87 IS NOT TO COME INTO CONTACT WITH ITEM 80.
- 21

AS SPECIFIED
- 22

THOROUGHLY CLEAN THREADS OF PLUG AND MATING PART. THEN APPLY LOCTITE 425.







TECHNICAL SERVICE PARTS

STYLE 3419

PRODUCT PORTABLE ELECTRIC MONITOR

IF ANITEM IS NOTED AS "NOT FIELD REPAIRABLE", OR YOU WISH TO RETURN AN ITEM TO AKRON BRASS FOR SERVICE PLEASE GO ONLINE TO, **ONLINEREPAIR.AKRONBRASS.COM**

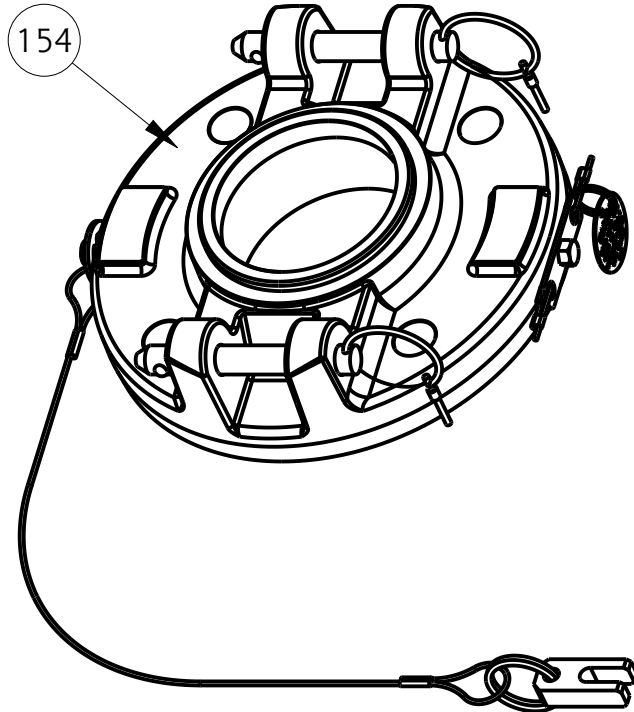
Chg.	Date
30	01-20
31	11-21

Find		Description	Item	QTY
1		ADAPTER INLET	128364	1
2		ELBOW UPPER	126714	1
3		PIN ROLL	744078	2
4		SLIDER	123237	1
5	C	O-RING 2-152	757149	2
6	C	O-RING 2-153	757327	4
7	A, C	BALL 1/4"OD	-	234
8	C	PLUG SWIVEL	742023	10
9	C	GASKET	714173	1
10	C	RING RETAINING	758216	1
11		GOOSENECK	122696	1
12	C	O-RING 2-154	757358	1
13		SCREW SOCKET HEAD CAP 3/8 -16 x 7/8"	767043	2
14		SCREW SOCKET HEAD CAP 3/8-16 x 1-1/2"	761093	2
15		HANDLE CARRYING	123090	1
16		ELBOW OUTLET	126516	1
18		STOP	769498	2
19		PIN ROLL	744118	4
20		SHAFT FINAL DRIVE	770363	2
21		BEARING FLANGE POLYMER	703922	12
22		WASHER THRUST	784121	4
23		KEY WOODRUFF 1/8 X 1/2	727025	6
24		GEAR WORM	718273	2
25		CAP GEAR TRAIN	122728	2
26		O-RING 2-122	757184	2
27		ADAPTER GEARBOX HOUSING	122694	2
28		O-RING 2-121	757329	2
29		O-RING 2-112	757313	4
30		SCREW SOCKET HEAD CAP 1/4 -20 x1-1/2"	767096	4
31		SCREW SOCKET HEAD CAP 1/4-20 x 2"	767186	2
32	B	PLATE OUTPUT	-	4
33	B	GEAR PLANET	-	12
34	B	RIVET SHORT	-	12
35		HOUSING CHAIN	122695	2
36		PIN ROLL 1/8 X 1/2	744288	8
37		GEAR INTERNAL	718192	4
38		O-RING 2-036	757312	4
39		SHAFT INTERMEDIATE	770364	2
40		SPROCKET 10 TEETH # 35 CHAIN	769499	4
41		SPACER	769495	4
42		COVER CHAIN	122689	2
43		O-RING 2-043	757306	2
44		SCREW SHOULDER 5/16 DIA x1 /4-20 x 5/16	765326	4
46		CAP ELEVATION SHAFT HC .06SF	122713	1
47		O-RING 2-018	757042	2
48		SPRING	768435	2
49		SHAFT ELEVATION STSTL COMP	769911	1

Find		Description	Item	QTY
50		RING RETAINER	758311	2
51		CLAMP ELEV SHAFT 6061T6 HC .03SF	122729	1
52		SCREW SOC HD CAP 10-24 X 5/8"ST STL	765028	4
53		LEVER HANDLE	122688	2
54		PIN ROLL 3/16 x 78	744088	2
55		BALL 1-1/16"	703920	2
56		SCREW SOCKET HEAD BUTTON #10-32 x 7/16	765228	2
57		CHAIN ROLLER #35	34190040	2
59		SHAFT SPROCKET DRIVE	769907	2
60		GEARBOX PLANETARY	121589	2
61		SCREW SOCKET HEAD CAP #8-32 x 1-3/8"	765278	6
62		MOTOR GEAR 12V - RED	35982003	2
68		PLATE TIP PRESSURE	744513	1
69		NAIL GRIP	736052	4
70		SCREW SOCKET HEAD CAP #6-32 x 1/2"	765052	8
71		O-RING 2-029	757056	2
72		CAP ROTATION SHAFT	122714	1
73		SHAFT ROTATION	769909	1
74		SHAFT ROTATION FEEDBACK	769910	1
75		O-RING 2-010	757005	1
76		RING TRUIARC	758247	1
77		WASHER	784192	2
78		SHIM UHMW POETHLENE	769887	1
79		RING RETAINING TRUARC	758127	1
80		MARKER POSITION MAGNET	731127	1
81		ASSEMBLY SENSOR MAGNETIC ROTARY ANGLE	60430005	1
82		WASHER #8	784123	2
83		SCREW SOCKET HEAD CAP #8-32 x 3/4"	765178	2
84		PLATE	126713	1
85		SCREW FLAT SOCKET HEAD CAP #1/4-20 x 3/8"	765386	3
86		BATTERY "LiFePo4"	60450008	1
87		SCREW SOCKET HEAD CAP 5/16-18 x 1/4"	765366	1
91		CLIP SPRING	707736	1
92		SCREW SOCKET HEAD CAP #8-32 x 1/4"	765131	4
97		GUARD SPRING CLIP	122877	1
98		SCREW SOCKET HEAD CAP #10-24 x 1/2"	763038	2
112	D	KNOB PLUNGER	122784	1
113	D	RING SPLIT	758142	1
114	D	TAG WARNING APOLLO	773210	1
115	D	PIN PLUNGER	742215	1
116	D	SPRING PLUNGER	768150	1
117	D	HOUSING PLUNGER	122783	1
118	D	WASHER	784211	1
119	D	O-RING 2-010	757005	1
120	D	O-RING 2-014	757041	1
122		ASSEMBLY GLOBAL PLATFORM CONTROLLER	60420011	1
123		HARNESS WIRING	721694	1
124		SCREW SOCKET HEAD CAP #10-24 x 2-1/4"	767141	2

Find		Description	Item	QTY
126		CLAMP SLEEVE	707948	1
128		TIE CABLE 12"	773442	3
129		LABEL WARNING PINCH POINT	729343	1
150		HARNESS WIRING PORTABLE ELECTRIC	721616	1
151		PLUG 4 PIN	745230	1
153	*	AUXILIARY BATTERY MOUNTING KIT	34190031	1
154		3" NPT FLANGE MOUNT	34190005	1
154		3" BSPT FLANGE MOUNT	34190024	1
155		1/8 NPT PLUG	744009	2
156		GAUGE PRESSURE 0-2400KPa, 0-350PSI (OPT)	718319	1
156	E	GAUGE PRESSURE 0-2.5MPa, 0-25bar (OPT)	718320	1
157	E	GAUGE BRACKET (OPT)	803297	1
158	E	SCREW BUTTON HEAD CAP #6-32 X 1/4"	765381	3
159	E	FITTING ELBOW 1/8 M-NPT X 90° - 7/16-20	713199	1
160	E	FITTING ELBOW 1/8 F-NPT X 45° - 7/16-20	713067	1
161	E	HOSE BRAIDED STAINLESS STEEL	721211	1
162	E	CLAMP	707548	1
A		KIT OF 50 BALLS 1/4" DIAMETER	123074	
B		CARRIER GEAR S/A REPAIR	34180002	
C		SEAL/O-RING KIT	34191002	
D		STOP PIN ASSEMBLY	34191003	
E		GAUGE KIT 0-2.5MPa, 0-25bar	34191004	

* NOT SHOWN



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Parts List Sheet:

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