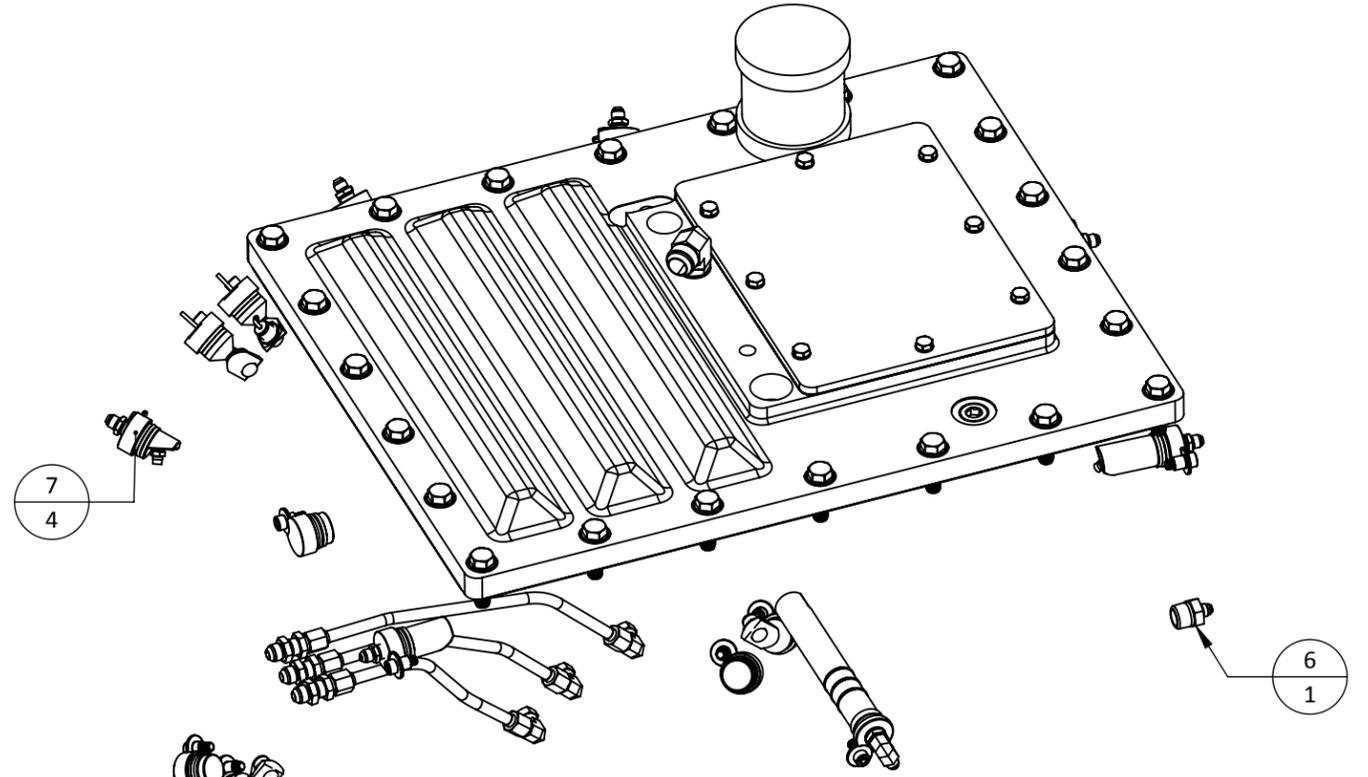
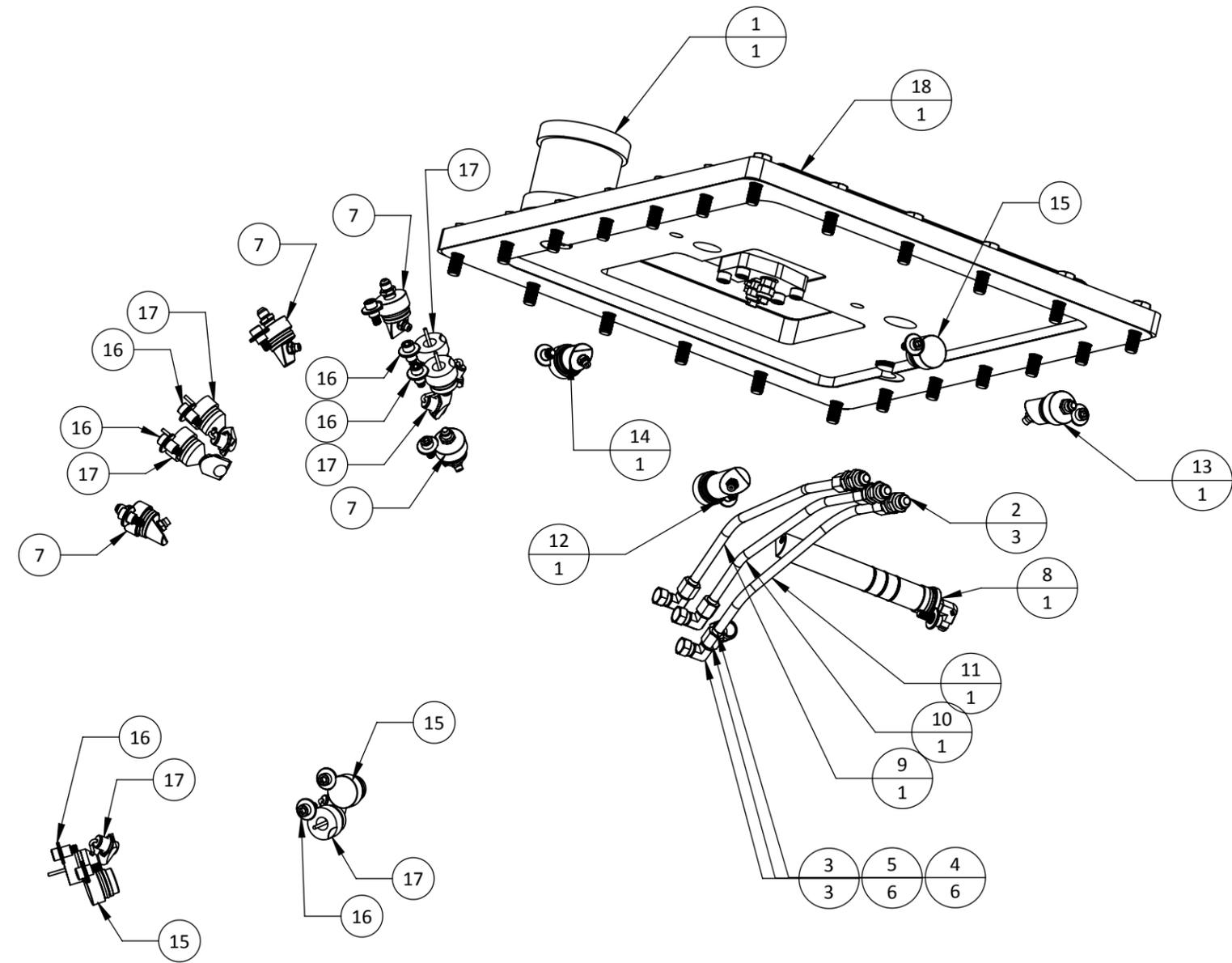


ITEM NO.	PART NUMBER	DESCRIPTION	Instrumentation /QTY.
1	91003	BREATHER, HYDAC BD SERIES (#02074254)	1
2	95416	BULKHEAD UNION 1/2 PARKER PART No 8-WTX-WLN-S	3
3	95417	ELBOW, SWIVEL, 1/2 TUBE TO 1/2 TUBE (PARKER # 8-C6X-S)	3
4	95418	SLEEVE, COMPRESSION, 1/2 TUBE PARKER P/N 8-TX-S	6
5	95419	NUT, COMPRESSION, 1/2 TUBE, PARKER P/N 8BTX-S	6
6	95424	MALE CONNECTOR: 3/4 NPT TO 3/8 TUBE: PARKER #6-12-FTX-S	1
7	254925	NOZZLE ASS'Y: 1st STAGE: 1/4 NPT TILTED FULL CONE	4
8	254928	NOZZLE ASS'Y: 2nd STAGE: 1/4 NPT- NARROW CONE	1
9	254934	TUBE, OIL SUPPLY, SMLS 1/2 OD x 1.25G	1
10	254935	TUBE, OIL SUPPLY, SMLS, 1/2 OD x 1.25G	1
11	254936	TUBE, OIL SUPPLY, SMLS 1/2 ODx 1.25 G	1
12	254937	NOZZLE ASS'Y: 2nd STAGE: 1/4 NPT TILTED FULL CONE (WL STYLE)	1
13	254940	NOZZLE ASS'Y: 2nd STAGE: 1/4 NPT TILTED, FULL CONE (WL TYPE)	1
14	254942	NOZZLE ASS'Y: 2nd STAGE: 1/4 NPT, 60 DEG TILT w/ FULL CONE	1
15	254944	NOZZLE ASS'Y: BLANK PLUG [DEFAULT]	3
16	254944	NOZZLE ASS'Y: BLANK PLUG [INSTRUMENTATION]	6
17	251726	SENSOR HOLDER W/SENSOR	6
18	254924	ASS'Y, TOP COVER & MANIFOLD	1



MODEL MADE FROM: 1509-LY-022-A

REV	CHANGED FROM	BY	DATE	APRD
A	PRE-RELEASE	CPS	3/27/13	
B	RELEASE FOR PRODUCTION	CPS	5/13/13	
C	CHANGES FOR INSTRUMENTATION	CPG	3/18/14	

REPORT ERRORS & CHANGES
REMOVE ALL BURRS AND SHARP EDGES
DIMENSIONS ARE IN MILLIMETERS.
UNSPECIFIED TOLERANCES:
DECIMALS: FINISH: ANGLES:
X. ±1.0 6.3 / μm Ra < ± 0.5°
.X ±0.5
.XX ±0.25
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NOT TO BE REPRODUCED OR USED TO MAKE
OTHER DRAWINGS OR MACHINERY
DRAWN CPS DATE: 3/27/13
CHECKED NJB THIRD ANGLE PRJ

National Renewable Energy Laboratory

TITLE: **GEARBOX ASSEMBLY - LUBE SYST**

SIZE **B** DWG. NO. **254921** REV **C**

SCALE: 1:20 WEIGHT: 747.41 kgs SHEET 1 OF 1