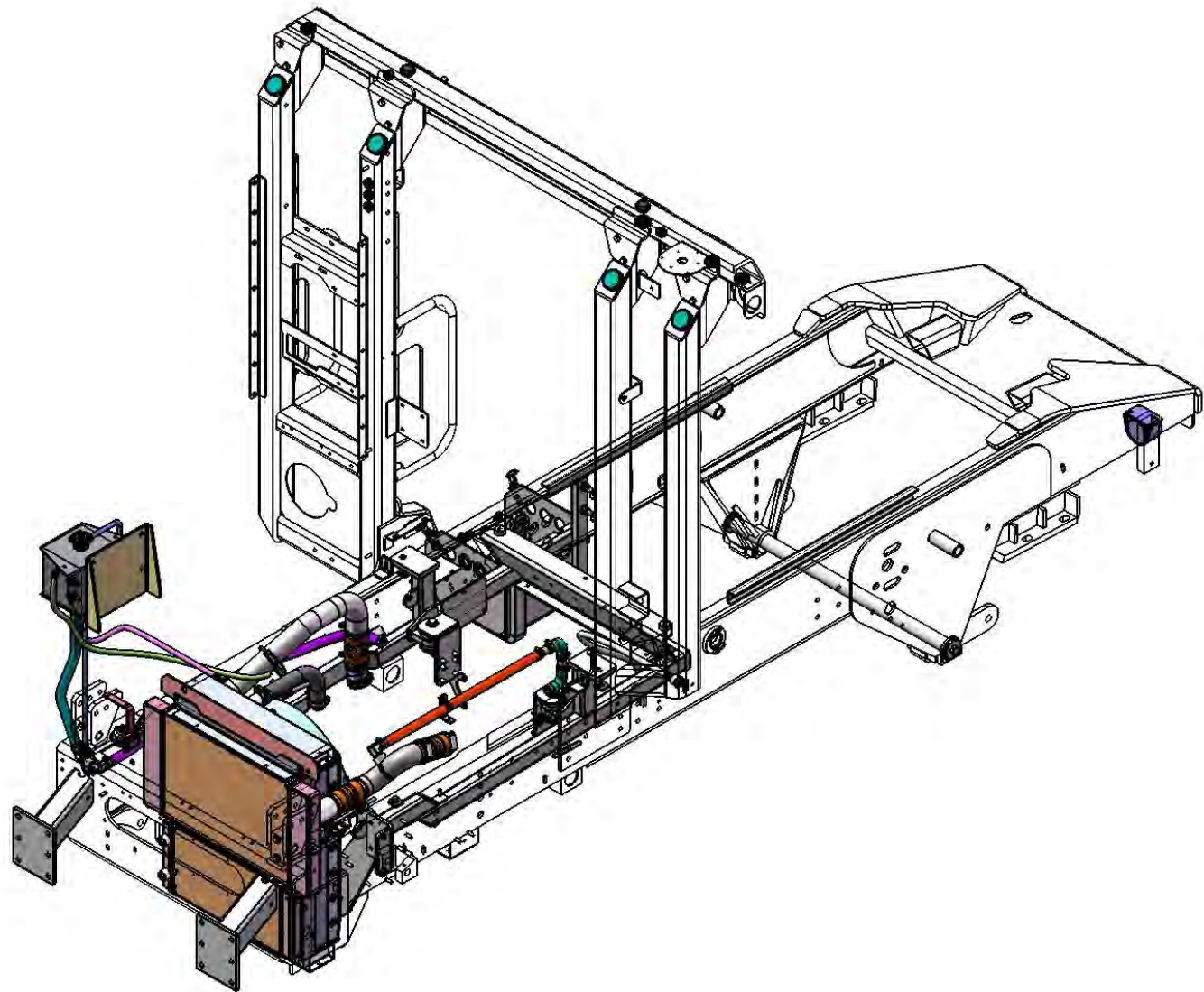
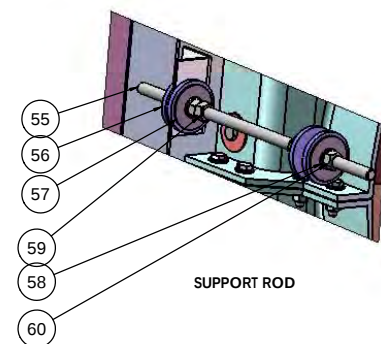
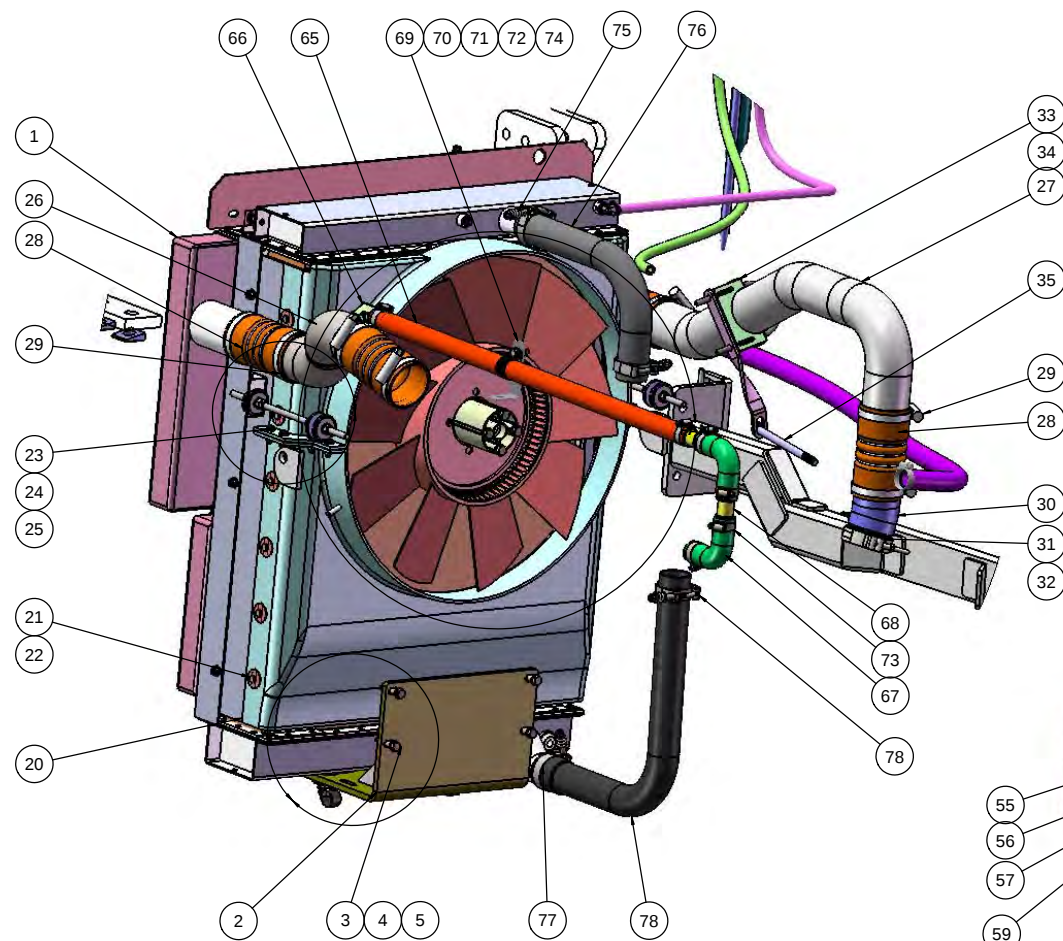
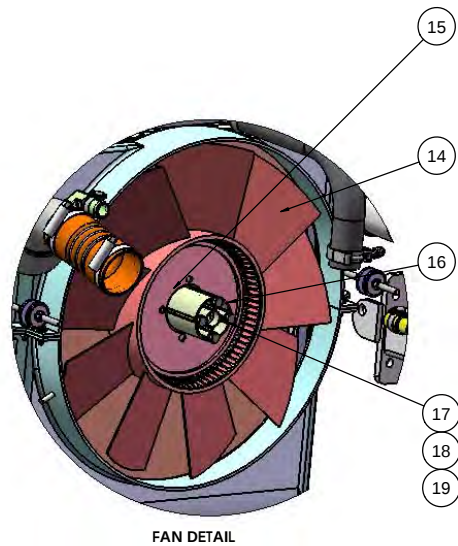
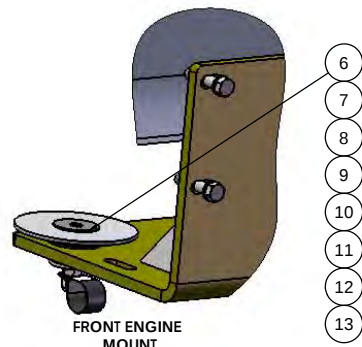
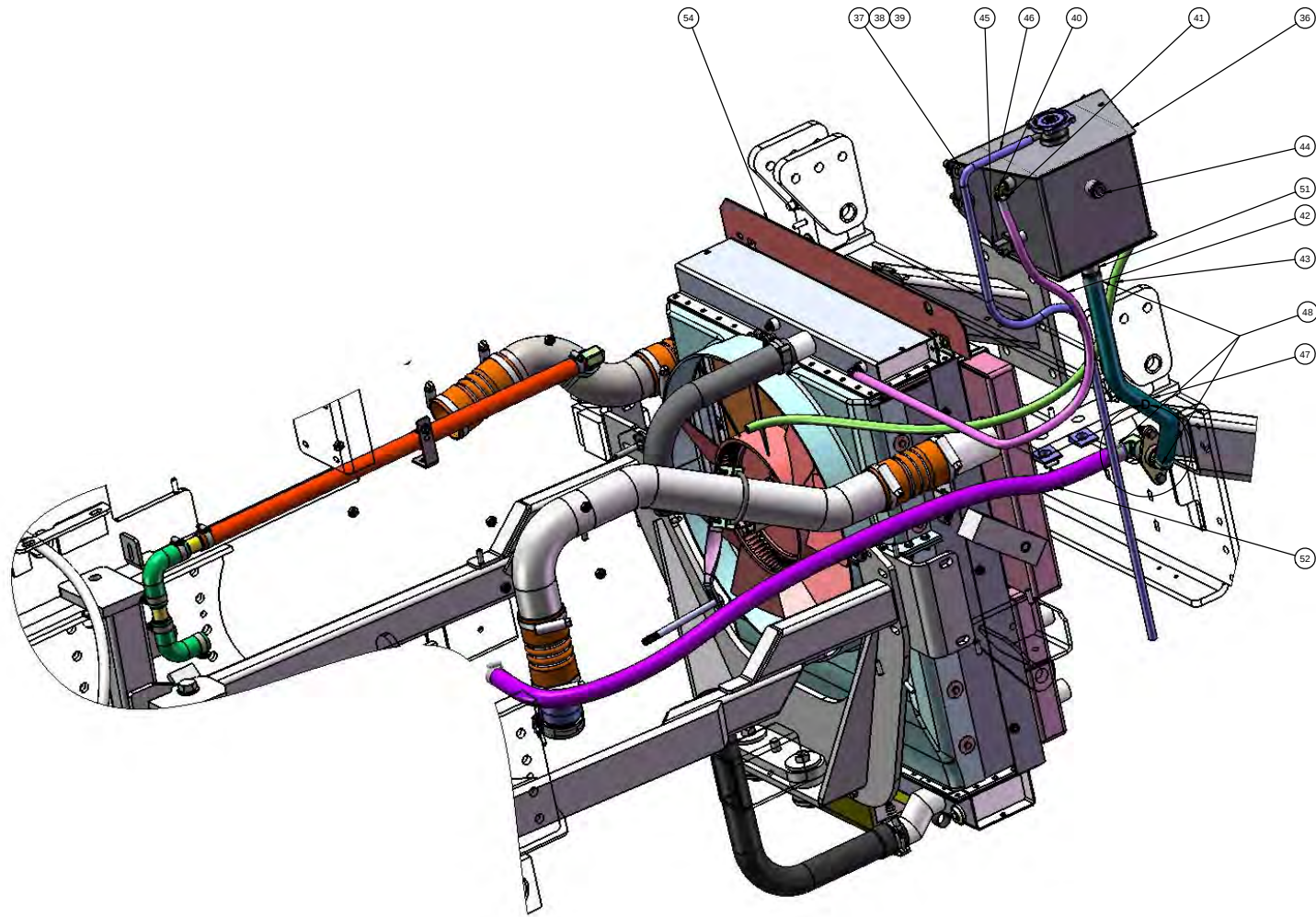




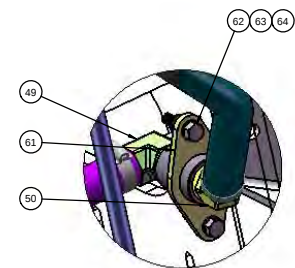
COOLING SYSTEM
 PAGE 1 GENERAL OVERVIEW
 PAGE 2 RADIATOR ASSEMBLY
 PAGE 3 SURGE TANK & HOSES

DIMENSIONS ARE IN INCHES		NAME	DATE
TOLERANCES:		DRAWN	MAL 7/12/2017
DECIMAL		CHECKED	
XXX & .005		APPROVED	
XXX & .010		DO NOT SCALE DRAWING	
ANGULAR		THE SUBJECT MATTER SHOWN AND DESCRIBED IN THE DRAWING AND ANY CONSTRUCTION INFORMATION CONTAINED HEREIN IS THE PROPERTY OF TICO AND IS TO BE USED ONLY FOR THE PURPOSES SPECIFIED HEREIN. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM TICO MANUFACTURING, INC.	
FRACTIONAL		TICO MANUFACTURING, INC. 88 CYPRESS RIDGE DR. ROCKLAND, NC 27856 (843) 717-2226	
		TITLE: COOLING SYSTEM QSB-IV	
		SIZE	DWG. NO.
		D	721613-01
		SCALE 1:32	WEIGHT: 6009
		SHEET 1 OF 3	REV

[illegible]



SURGE TANK & HOSES



THRU FRAME COUPLING

DIMENSIONS ARE IN INCHES		DATE	7/13/2017
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TICO PRO-SPOTTER				
COOLING SYSTEM, 2015/2016-ISB, QSB-IV				721613
ITEM	PART #	QTY/M	DESCRIPTION	
	721613-B1	REF	COOLING SYSTEM, QSB-IV	
1	620586	1	RADIATOR ASSY - W/AC CONDENSER MTG - 1/2" STUDS,BAR/PLATE	
2	12736	1	RADIATOR MOUNT, RUBBER ISOLATORS	
3	82405	4	BOLT, HEX 3/8-16 x 1-3/4" Lg BRKT to ENGINE MT	
4	85036	4	LOCKNUT - 3/8-16	
5	85091	8	WASHER, FLAT 3/8	
6	62254	2	ISOLATOR - RADIATOR MOUNT	
7	85025	2	LOCKNUT, 3/8-16	
8	85091	2	WASHER, FLAT 3/8	
9	85014	2	NUT, HEX 3/8-16	
10	40593	2	CLAMP, P 1.0	
11	80346	4	WASHER, FENDER 3/8" ID x 1 1/2" OD	
12	62110	2	WASHER - FRONT ENGINE MOUNT - BOTTOM	
13	62332	2	WASHER - RADIATOR MOUNT TOP	
14	61842	1	FAN,ENG 22" 9 BLADE COMP 3.75 PW	
15	60423	1	CLUTCH, FAN	
16	62173	1	SPACER-FAN 19mm	
17	60799-19	4	BOLT, 10mm x 50mm LG, SERRATED FLANGE HEAD	
18	85135	4	LOCKWASHER 3/8	
19	62101	1	BRACKET ANGLE FOR HOSE	
20	60988	1	FAN SHROUD	
21	82359	12	BOLT, HEX 1/4-20 X 3/4" LG SHROUD SIDES	
22	80129	12	WASHER, FENDER 1/4" ID x 1 1/4" OD	
23	85034	12	LOCKNUT 1/4	
24	82370	8	BOLT, HEX 1/4-20 X 1" LG	
25	85111	16	WASHER, FLAT 1/4	
NOT SHOWN	40593	2	P-CLAMP	
26	62055	1	TUBE, CAC LH	
27	61968	1	TUBE, CAC RH	
28	40175	4	HOSE, HUMP	
29	40185	8	CLAMP, CONSTANT TORQUE 2 3/4 - 3 5/8	
30	62048	1	ELBOW, CAC PIPE, ISB	
31	42261	1	CLAMP, V BAND	
32	42262	1	SEAL, O-RING	
REV	DATE	BY		SHEET
A	7/27/2017	MAL		1 OF 3
TICO MANUFACTURING - RIDGELAND, SC 29936				

TICO PRO-SPOTTER				
COOLING SYSTEM, 2015/2016-ISB, QSB-IV				721613
ITEM	PART #	QTY/M	DESCRIPTION	
33	30337	1	BRACKET, CAC RH TUBE TO ALTERNATOR	
34	40005	1	CLAMP, 3" MUFFLER	
35	80368	1	BOLT, HEX HD 12mm X 160mm LG GRD 8.8 PLATED	
36	620909	1	SURGE TANK, ALUMINIUM, 3 GALLON	
37	82407	4	BOLT-1/2-13NC X 1 3/4 LG HEX HD	
38	85115	4	WASHER, FLAT 1/2	
39	85027	4	LOCKNUT, 1/2-13 NYLON	
40	42239	4	FITTING, HOSE BARB 90° BRASS, 3/8 HOSE X 3/8 NPT	
41	42148	4	CLAMP, HOSE WORM GEAR 1/4 TO 5/8	
42	41158	65 IN	HOSE, 3/8 (ENGINE TO SURGE TANK)	
43	41158	55 IN	HOSE, 3/8 (RADIATOR TO SURGE TANK)	
44	40092	1	PIPE PLUG, 3/8 NPT	
45	60824	1	SENSOR FLUID LEVEL	
46	40811	61 IN	HOSE, OVERFLOW 5/16" ID	
47	41014	1	HOSE, HEATER 1" X 32" LG - SURGE TANK TO FRAME	
48	40190-2	4	CLAMP, CONSTANT TORQUE 1 1/16 -2	
49	40722	1	FITTING, HOSE BARB 90° STEEL, 1" HOSE X 1" NPT	
50	40721	1	FITTING, HOSE BARB 45° STEEL, 1" HOSE X 1" NPT	
51	42110	1	FITTING, HOSE BARB STR STEEL, 1" HOSE X 1" NPT	
52	41015	1	HOSE, HEATER 1" X 26" LG - FRAME TO WATER PUMP	
54	61644	1	BAFFLE - RADIATOR TOP	
55	61603	2	ROD, THREADED 3/8-16 x 12" LG	
56	60857	8	RUBBER MOUNT, 3/8 ID x 1.75 OD	
57	80346	8	WASHER, FENDER 3/8" ID x 1.75 OD	
58	85102	8	WASHER, FLAT 3/8	
59	85003	4	JAM NUT, 3/8-16	
60	85036	4	NUT, LOCK 3/8	
61	12898	1	FRAME COUPLING BRACKET, SURGE TANK	
62	82394	2	BOLT, HEX 3/8"-16 X 1 1/2" Lg	
63	85091	4	WASHER, FLAT 3/8"	
64	85025	2	NUT, 3/8"-16 NYLOK	
REV	DATE	BY		SHEET
A	7/27/2017	MAL		2 OF 3
TICO MANUFACTURING - RIDGELAND, SC 29936				

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