



DETAIL F
SCALE 1 : 3

DETAIL E
SCALE 1 : 2

DETAIL D
SCALE 1 : 2

NOTE: HOSE AND CLAMP NOT SHOWN, FOR CLARITY.

DETAIL C
SCALE 1 : 2

DETAIL B
SCALE 1 : 3

DETAIL A
SCALE 1 : 2

DIMENSIONS ARE IN INCHES		NAME	DATE	TICO/TERMINAL SERVICE 66 CYPRESS RIDGE DR. RIDGELAND, SC 29936 (843) 717-2226
TOLERANCES:		DRAWN	WHC 8/01/12	
DECIMAL:		CHECKED		
X.X ± 0.06 X.XX ± 0.03 X.XXX ± 0.005 ANGULAR: ± 0.5° FRACTIONAL: ± 1/32"		APPROVED		
INTERPRET GEOMETRIC TOLERANCING PER: ASME 14.5M-1994		DO NOT SCALE DRAWING		TITLE:
MATERIAL		THE SUBJECT MATTER SHOWN AND DESCRIBED IN THIS DRAWING AND ANY OTHER INFORMATION ADVANCED IN CONNECTION THEREWITH IS PROPRIETARY PROPERTY AND IS TO BE HELD IN STRICT CONFIDENCE BY YOU. ALL RIGHTS TO ANY INVENTIONS, DESIGNS, TRADE MARKS, TRADE NAMES AND COPYRIGHTS DISCLOSED ARE RESERVED TO TICO TERMINAL SERVICES, INC.		COOLING SYSTEM
FINISH		SIZE	DWG. NO.	REV
THICKNESS		C	720851-A1	
		SCALE: 1:14	WEIGHT:	SHEET 1 OF 1

TICO PRO-SPOTTER				
COOLING SYSTEM - QSB-III, 215 HP,RADIATOR, CAC, DIRECT DRIVE FAN - ACC, RUBBER ISOLATORS				720851
ITEM	PART #	QTY/M	DESCRIPTION	
	71516A	REF	COOLING SYSTEM - QSB3 - HIGH MOUNT TURBO	
1	620586	1	RADIATOR ASSY - W/AC CONDENSER MTG - 1/2" STUDS,BAR/PLATE	
	620585	REF	TRANSMISSION OIL COOLER-BAR/PLATE	
	62288	REF	RADIATOR - 1/2" STUDS	
	62262	REF	CAC W/AC CONDENSER MOUNT BRACKETS	
2	12737	1	RADIATOR MOUNT, RUBBER ISOLATORS, QSB3	
	12737-1	1	PLATE - RADIATOR MOUNT, RUBBER ISOLATORS, QSB3	
	60980-1	2	TABS	
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	62110	2	WASHER - FRONT ENGINE MOUNT - BOTTOM	
9	62332	2	WASHER - RADIATOR MOUNT TOP	
10	85014	2	NUT, HEX 3/8-16	
11	40593	2	CLAMP, P 1.0	
12	80346	4	WASHER, FENDER 3/8" ID x 1 1/2" OD	
13	61647	1	FAN,ENG 22" 9 BLADE COMP 3.75 PW	
14	62328	1	PLATE, FAN CAPTURE	
NS	62173-2	1	SPACER-FAN 3"	
15	80237	4	BOLT, HEX M10 X 1.5 X 100MM LG (FAN TO ENG)	
16	85135	4	LOCKWASHER 3/8	
NS	85091	4	FLATWASHER 3/8	
17	60988	1	FAN SHROUD	
18	82370	8	BOLT, HEX 1/4-20 X 1" LG SHROUD SIDES	
19	80129	12	WASHER, FENDER 1/4" ID x 1 1/4" OD	
20	85034	12	LOCKNUT 1/4	
NS	40593	2	P-CLAMP	
21	60607	1	HOSE, RADIATOR INLET - 2"	
22	24117	4	CLAMP, WORM GEAR, 2"	
NS	420304	2	CLAMP, "T" BOLT - 2"-2 5/16"	
23	60890	1	HOSE, RADIATOR OUTLET - 2" X 25" LG	
NS	420310	1	CLAMP, "T" BOLT - 2 1/8"-2 7/16"	
24	60995	1	TUBE, CAC OUTLET, QSB3 CRADLE	
25	60996	1	TUBE, CAC INLET, QSB3 CRADLE	
26	61660	4	HOSE, HUMP CAC 3" DIA	
27	40185	8	CLAMP, SPRING HOSE	
REV	DATE	BY		SHEET
A	06/24/2020	AGW		1 OF 2

TICO PRO-SPOTTER

COOLING SYSTEM - QSB-III, 215 HP,RADIATOR, CAC, DIRECT DRIVE FAN - ACC, RUBBER ISOLATORS

720851

ITEM	PART #	QTY/M	DESCRIPTION	
28	61936	1	SURGE TANK	
29	82407	4	BOLT-1/2-13NC X 1 3/4 LG HEX HD	
30	85115	4	WASHER, FLAT 1/2	
31	85027	4	LOCKNUT, 1/2-13 NYLON	
NS	42136	1	FITTING, HOSE BARB STR BRASS, 3/8 HOSE TO 3/8 NPT	
NS	42192	15 IN	HOSE, 3/8 (RADIATOR TO ENGINE)	
NS	42239	2	FITTING, HOSE BARB 90° BRASS, 3/8 HOSE X 3/8 NPT	
32	42148	2	CLAMP, HOSE WORM GEAR 5/16 to 7/8	
33	42192	55"	HOSE, 3/8 (RADIATOR TO SURGE TANK)	
34	40092	1	PIPE PLUG, 3/8 NPT	
35	40093	1	SIGHT GLASS	
36	60824	1	SENSOR FLUID LEVEL	
37	40811	61"	HOSE, OVERFLOW 5/16" ID	
38	41014	32"	HOSE, HEATER 1" X 32" LG - SURGE TANK TO FRAME	
39	42151	2	CLAMP, HOSE WORM GEAR 9/16 to 1 1/16	
40	40721	1	FITTING, HOSE BARB 45° STEEL, 1" HOSE X 1" NPT	
41	40722	1	FITTING, HOSE BARB 90° STEEL, 1" HOSE X 1" NPT	
42	42110	1	FITTING, HOSE BARB STR STEEL, 1" HOSE X 1" NPT	
43	41015	26"	HOSE, HEATER 1" X 26" LG - FRAME TO WATER PUMP	
NS	42151	2	CLAMP, HOSE WORM GEAR 9/16 to 1 1/16	
44	61603	2	ROD, THREADED 3/8-16 x 12" LG	
45	60857	8	RUBBER MOUNT, 3/8 ID x 1.75 OD	
NS	80346	8	WASHER, FENDER 3/8" ID x 1.75 OD	
NS	85102	8	WASHER, FLAT 3/8	
46	85003	4	JAM NUT, 3/8-16	
NS	85036	4	NUT, LOCK 3/8	
47	12898	1	FRAME COUPLING BRACKET, SURGE TANK	
	12899	1	PLATE - FRAME COUPLING BRACKET	
	30186	1	FITTING - PIPE COUPLING, STEEL, 1"NPT	
48	82394	2	BOLT, HEX 3/8"-16 X 1 1/2" LG	
NS	85091	4	WASHER, FLAT 3/8"	
NS	85025	2	NUT, 3/8"-16 NYLOCK	
49	41010-1	1	HOSE, BLUE, 3/8 X 15" LG	
50	24110	1	GLAMP, HOSE WORM GEAR, 1/4 TO 5/8	
51	41004	2	FITTING, ELBOW 90 Deg, BRASS, 3/8 X 1/4	
REV	DATE	BY		SHEET
A	06/24/2020	AGW		2 OF 2