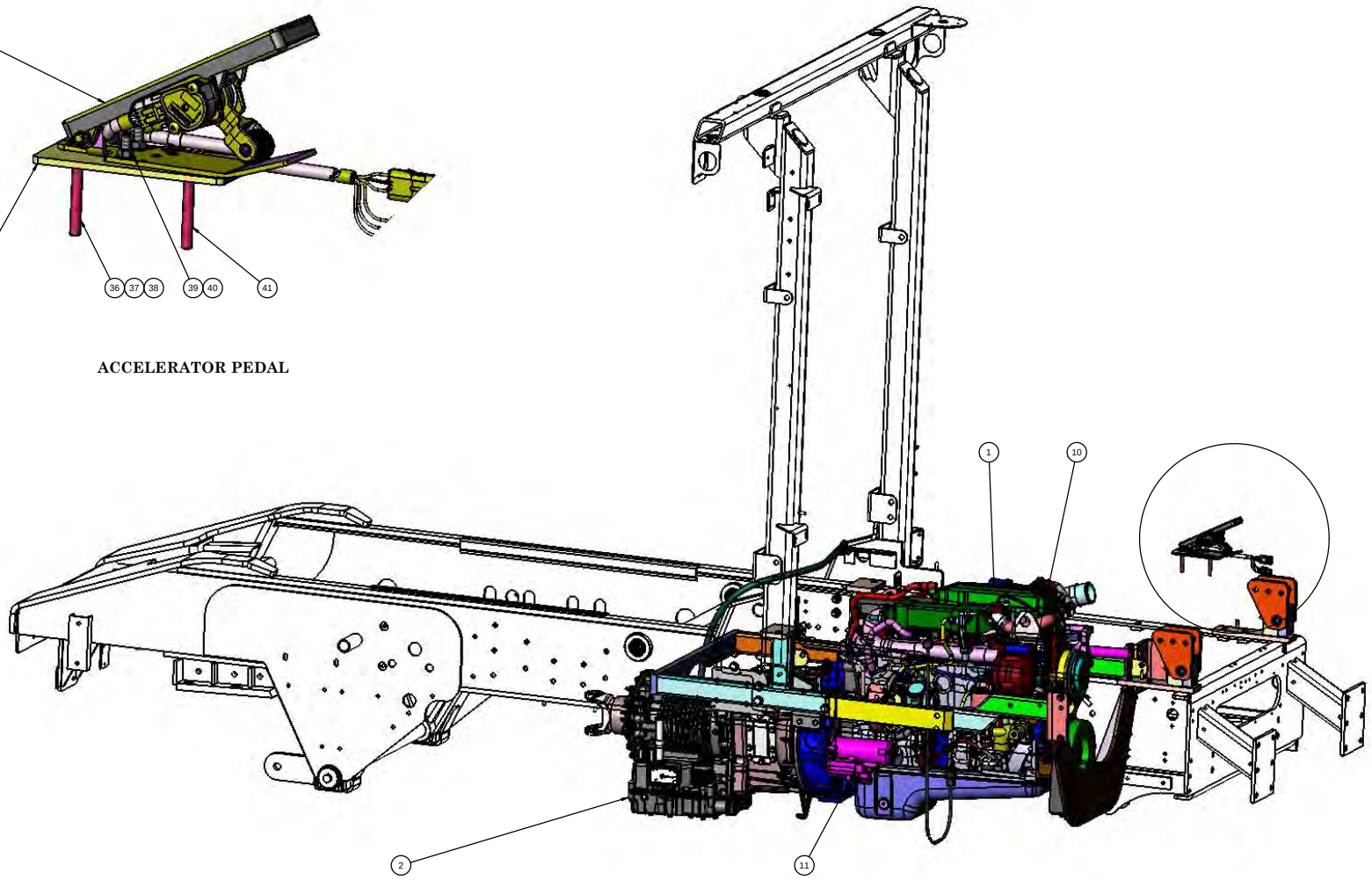
ACCELERATOR PEDAL



ENGINE & TRANSMISSION
PAGE 1 GENERAL OVERVIEW
PAGE 2 DETAIL VIEWS
PAGE 3-5 PARTS LIST

DIMENSIONS ARE IN INCHES TOLERANCES: DECIMAL: X.X ± 0.06 X.XX ± 0.03 X.XXX ± 0.005 ANGULAR: ± 0.5° FRACTIONAL: ± 1/32"		NAME	DATE
	DRAWN	MAL	12/26/2017
	CHECKED		
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	DO NOT SCALE DRAWING		
MATERIAL N/A	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.		
FINISH SEE NOTE			
THICKNESS N/A			

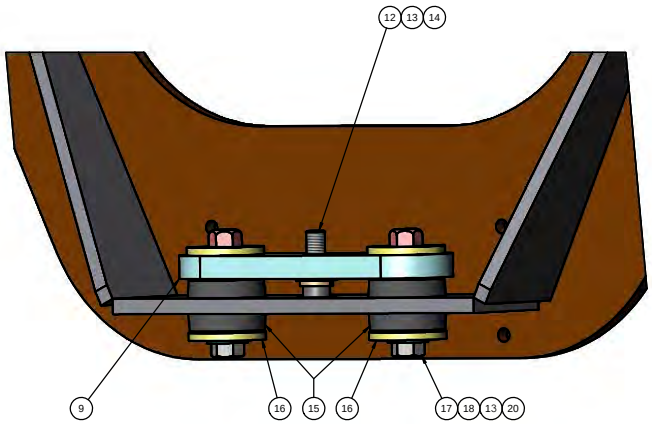
TICO MANUFACTURING
66 CYPRESS RIDGE DR.
RIDGELAND, SC 29936
(843) 717-2226

TITLE: ENGINE & TRANSMISSION

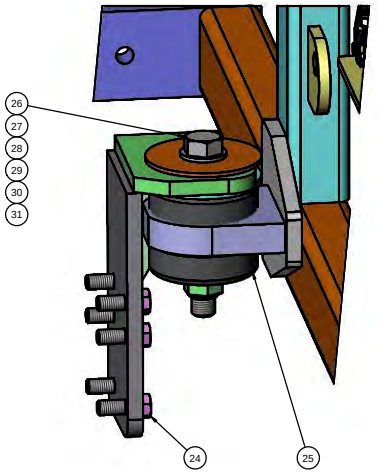
SIZE	DWG. NO.	REV
D	722240-A1	

SCALE: 1:32 | WEIGHT: 5521.03 | SHEET 1 OF 2

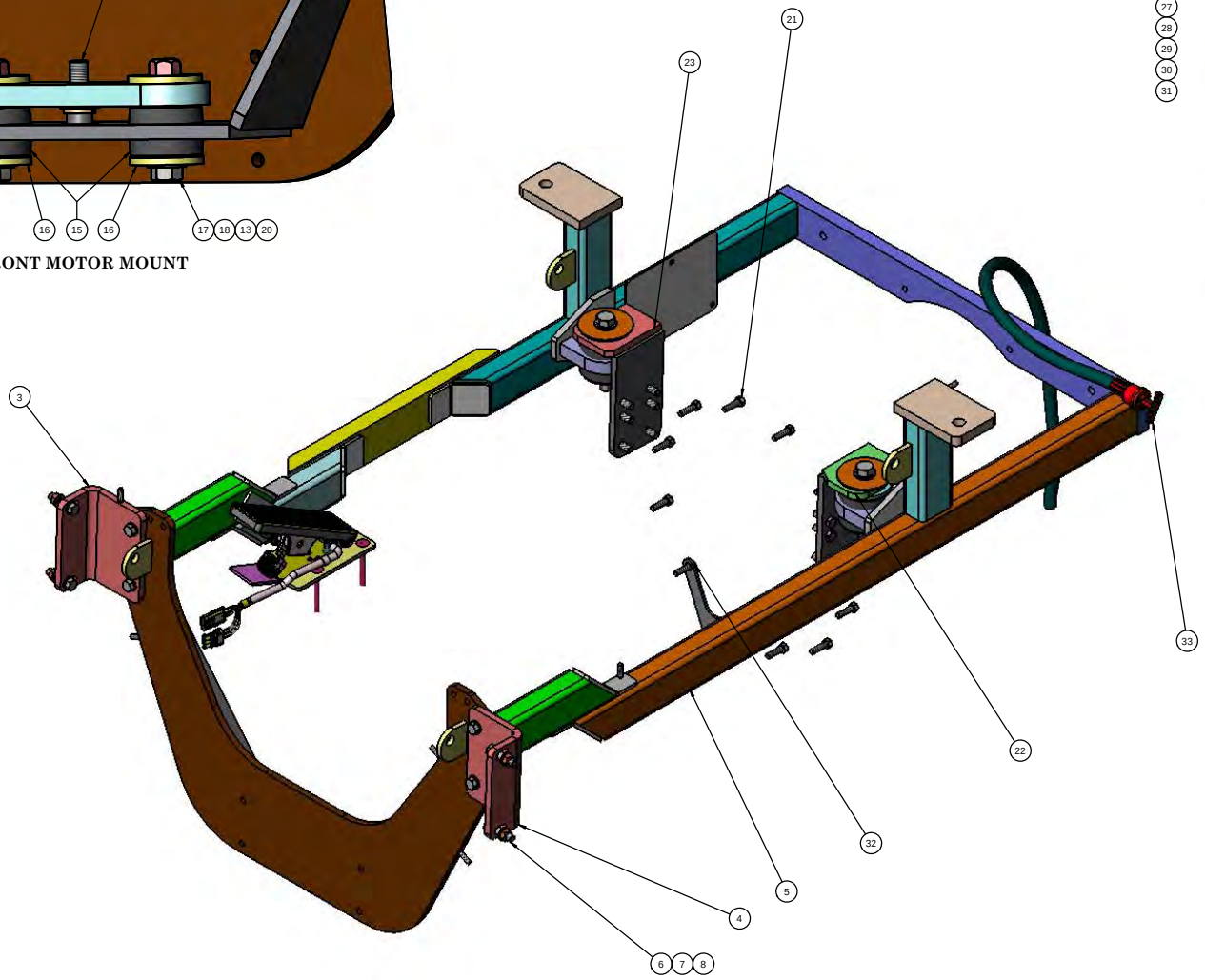
D 722240-A1 REV



FRONT MOTOR MOUNT



REAR MOTOR MOUNT



DIMENSIONS ARE IN INCHES TOLERANCES: DECIMAL X.X ± 0.06 X.XX ± 0.03 X.XXX ± 0.005 ANGULAR: ± 0.5° FRACTIONAL ± 1/32"		NAME	DATE
	DRAWN	MAL	12/26/2017
	CHECKED		
	APPROVED		
	DO NOT SCALE DRAWING		
INTERPRET GEOMETRIC TOLERANCING PER: ASME 14.5M-1994	THE SUBJECT MATTER SHOWN AND DESCRIBED HEREIN IS PROPRIETARY AND OTHER INFORMATION ADVANCED IN CONNECTION THEREWITH IS PROPRIETARY AND IS TO BE REGARDED AS CONFIDENTIAL BY YOU. ALL RIGHTS TO ANY INVENTIONS, DESIGNS, TRADE MARKS, TRADE NAMES AND COPYRIGHTS DISCLOSED ARE VESTED TO TICO TERMINAL SERVICES, INC.		
MATERIAL N/A			
FINISH SEE NOTE			
MACHINES N/A			

TICO/TERMINAL SERVICE
66 CYPRESS RIDGE DR.
RIDGELAND, SC 29936
(843) 717.2226

TITLE: ENGINE & TRANSMISSION

SIZE	DWG. NO.	REV
D	722240-A1	

SCALE: 1:32 | WEIGHT: 5521.03 | SHEET 2 OF 2

722240-A1 REV D

TICO PRO-SPOTTER				
ENGINE & TRANSMISSION, QSB-6.7 158HP				722240
ITEM	**PART #**	**QTY/M**	**DESCRIPTION**	
	722240-A1	REF	ENGINE & TRANSMISSION, QSB-6.7 158HP	
1	620859	1	ENGINE-QSB6.7-IV-158HP @ 2100RPM, BLK HTR, W/AC	
2	60799-17	1	TRANSMISSION-RDS 3000 (ALLISON E020600)TC-417	
NOT SHOWN	62185	1	TCM-1st-5th, 1950/2800 RPM, GEN V	
NOT SHOWN	62192	1	SHIFTER-TRANSMISSION PUSH BUTTON GEN V	
3	61572-5	1	MOUNT-FRONT ENGINE-FRAME	
4	61572-9	1	BRACKET, FRONT ENGINE MOUNT	
5	62115	1	ENGINE CRADLE, ISB	
6	82418	8	BOLT, HEX 1/2-13 X 2 LG - FRONT MOUNTS	
7	85038	8	NUTLOCK, 1/2-13	
8	85093	16	WASHER, FLAT 1/2-13	
9	60809	1	MOUNTING PLATE FRONT ENGINE MOUNT	
10	91243	1	STARTER- ENGINE, DELCO MT35-2013 ISB	
REF	60799-6	REF	BOLT-10MM-1.5 X 30, HEX HD 10.9 (COMES W/ ENGINE)	
REF	85135	REF	WASHER-LOCK, HELICAL SPRING,3/8 (COMES W/ ENGINE)	
11	620654	1	ALTERNATOR, 160 AMP DELCO	
12	80342	1	BOLT-DRILLED HEAD-M16 x 2 x 45mm, 10.9 SHCS	
13	85094	1	WASHER, FLAT 5/8-11	
14	85138	1	LOCKWASHER, 5/8-11	
15	60814	4	ISOLATOR, FRONT ENGINE MOUNT DUAL SYSTEM	
16	60113	2	WASHER, BOOM	
17	10971	2	SPACER FRONT MOTOR MOUNT	
18	82474	2	BOLT, HEX 5/8-11 x 3 1/4" LG	
13	85094	2	WASHER, FLAT 5/8-11	
20	85039	2	LOCKNUT, 5/8-11	
NOT SHOWN	60799-6	6	BOLT-FLEX PLATE/TORQUE CONV	
21	60799-12	1	TRANS MOUNTING KIT	
22	60981	1	MOUNT-REAR ENGINE LH	
23	60982	1	MOUNT-REAR ENGINE RH	
24	80240	12	BOLT-M12 x 1.5 x 35mm, HEX HD , 10.9	
			APPLY LOCKTITE & TORQUE BOLTS TO 40 FT-LB	
REV	**DATE**	**BY**		**SHEET**
A	1/26/2018	MAL		1 OF 3
TICO MANUFACTURING - RIDGELAND, SC 29936				

TICO PRO-SPOTTER				
ENGINE & TRANSMISSION, QSB-6.7 158HP				722240
ITEM	**PART #**	**QTY/M**	**DESCRIPTION**	
25	61678	2	ISOLATOR-REAR ENGINE	
26	61677-8	2	SPACER-BOLT	
27	60740	2	WASHER-3/4, REAR ENGINE MOUNT	
28	85095	2	WASHER, FLAT 3/4	
29	60740-1	2	WASHER-3/4, REAR ENGINE MOUNT	
30	82574	2	BOLT-3/4-10UNC x 5 1/2 LG HEX HD	
31	85029	1	NUT-3/4-10UNC NYLK	
32	90910	1	BRACKET-BATTERY CABLE SUPPORT	
33	61574	1	DIPSTICK-TRANSMISSION RDS	
NOT SHOWN	12091	1	SPACER	
NOT SHOWN	82382	3	BOLT, HEX 5/16-18 x 2 1/4 Lg	
NOT SHOWN	85112	8	WASHER, FLAT 5/16	
NOT SHOWN	85134	2	LOCKWASHER 5/16	
NOT SHOWN	42197	2	CLAMP "P", 3/4"	
NOT SHOWN	80349	1	STUD, 5/16-18 X 1"LG WELD	
NOT SHOWN	85035	1	LOCKNUT 5/16	
NOT SHOWN	12067	1	BRACKET-"L"	
NOT SHOWN	41273	2	CLAMP "P". 1/2"	
NOT SHOWN	62126	1	CLIP-DIPSTICK RETAINER	
NOT SHOWN	800458	1	BOLT HEX M8-2 12X 20MM	
NOT SHOWN	60061	1	PRESSURE STAT 10 Lbs	
NOT SHOWN	40467	1	FITTING, TEE STREET, 1/8 NPT	
NOT SHOWN	91068	1	SENSOR-OIL PRESS GAUGE	
NOT SHOWN	91069	1	SENSOR-WATER TEMP GAUGE	
NOT SHOWN	12091	1	SPACER-DIPSTICK	
NOT SHOWN	620625-1	1	HARNESS-2017-II, QSB-IV	
NOT SHOWN	620630	1	HARNESS-2017-II, TRANS ALLISON GEN V-W/ABS, AUTO NEUTRAL	
NOT SHOWN	91222	1	CABLE 2 GA BLACK ALT TO STARTER 33"	
NOT SHOWN	91221	1	CABLE 2 GA RED ALT TO STARTER 38"	
NOT SHOWN	910621	1	HARNESS-WIRE, AIR INTAKE HEATER TO PDC, TIER IV, 2017 CAB	
NOT SHOWN	91232	1	WIRE ASS'Y-ECM GRD/BATT	
NOT SHOWN	61704	1	BRACKET-STANDOFF	
34	61640	1	PEDAL ACCELERATOR - ELECTRONIC ISB	
35	121418	1	PLATE ASSEMBLY, 2017 CAB ELECTRIC THROTTLE MOUNTING	
REV	**DATE**	**BY**		**SHEET**
A	1/26/2018	MAL		2 OF 3
TICO MANUFACTURING - RIDGELAND, SC 29936				

TICO PRO-SPOTTER				
ENGINE & TRANSMISSION, QSB-6.7 158HP				722240
ITEM	PART #	QTY/M	DESCRIPTION	
36	83318	1	SC HC SCREW 3/8-16 x 3 1/2" Lg	
37	85113	2	WASHER, FLAT 3/8	
38	85036	2	LOCKNUT, 3/8-16	
39	85090	2	WASHER, FLAT 5/16	
40	85035	2	LOCKNUT 5/16	
41	83340	1	SC HC SCREW 3/8-16 x 4" Lg	
NOT SHOWN	42050	1	FITTING, TEE BRANCH, BRASS, 3/4 NPT	
NOT SHOWN	42055	1	FITTING, BARB HOSE - 45°, # 16 HOSE X 3/4 NPT	
NOT SHOWN	40752	1	FITTING, REDUCER, BRASS, 3/4 MNPT X 1/2 NPT	
NOT SHOWN	42049	1	FITTING, TEE BRANCH, BRASS, 1/2 NPT	
NOT SHOWN	42047	1	FITTING, BARB HOSE - STR, # 10 HOSE X 1/2 NPT	
NOT SHOWN	42178	1	FITTING, BARB HOSE - 90°, # 10 HOSE X 1/2 NPT	
NOT SHOWN	40752	1	FITTING, REDUCER, BRASS, 3/4 MNPT X 1/2 NPT	
NOT SHOWN	41026	1	HOSE, ASSY, #12X 86" LG, TRANS to COOLER	
NOT SHOWN	40471	2	FITTING, ADAPTER STR, 3/4 O RING to # 12 JIC	
NOT SHOWN	10624	2	FITTING, ELBOW 90 °, 3/4 O RING to # 12 JIC	
NOT SHOWN	41240	1	HOSE, ASSY, #12X 93" LG, TRANS to COOLER	
NOT SHOWN	40593	4	CLAMP "P" 1"	
NOT SHOWN	60956	2	BRACKET TRANS COOLING LINE	
NOT SHOWN	910393	1	CAP-ENGINE BLOCK HEATER	
NOT SHOWN	620945	REF	BELT-V RIBBED, B6.7 WATER PUMP, PIVOT MNT ALT	
REV	DATE	BY		SHEET
A	1/26/2018	MAL		3 OF 3
TICO MANUFACTURING - RIDGELAND, SC 29936				