



DETAIL A
SCALE 1 : 4

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| DIMENSIONS ARE IN INCHES | | NAME | DATE | TICO/TERMINAL SERVICE 66 CYPRESS RIDGE DR. RIDGELAND, SC 29936 (843) 717-2226 |
| TOLERANCES: | | DRAWN | DFM 07/27/2015 | |
| DECIMAL: | | CHECKED | | |
| X.X ± 0.06 X.XX ± 0.03 X.XXX ± 0.005 ANGULAR: ± 0.5° FRACTIONAL: ± 1/32" | | APPROVED | | |
| DO NOT SCALE DRAWING | | | | TITLE: |
| INTERPRET GEOMETRIC TOLERANCING PER: ASME 14.5M-1994 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. | | | | ENGINE & TRANSMISSION SIZE DWG. NO. 72427-E1 REV |
| FINISH | | SCALE: 1:16 | | WEIGHT: |
| THICKNESS | | SHEET 1 OF 1 | | |

| TICO PRO-SPOTTER | | | | |
|------------------|----------|-----------------------------|---|--------|
| S/N: | | ENGINE & TRANS, QSB TIER 4i | | 72427 |
| ITEM | PART # | QTY/M | DESCRIPTION | TASK |
| | 72427-E1 | REF | ENGINE & TRANSMISSION | |
| 1 | 61985 | 1 | ENGINE, CUMMINS, QSB 4I 173HP @ 2200 RPM (12V-AC) | |
| 2 | 60984 | 1 | TRANSMISSION, ALLISON RDS 3500 SERIES TC-417 | |
| 3 | 62339 | 1 | TCM, 1ST-4TH, QSB TIER 4I, 1950 RPM SHIFT CALC | |
| | 62192 | REF | SHIFTER, TRANSMISSION, PUSH BUTTON | |
| 4 | 61572-5 | 2 | MOUNT, FRONT ENGINE, FRAME | |
| 5 | 62115 | 1 | ENGINE CRADLE, ISB | |
| 6 | 61572-9 | 1 | BRACKET, FRONT ENGINE MOUNT | |
| 7 | 82418 | 8 | BOLT, HEX, 1/2-13 X 2" LG, FRONT MOUNTS | |
| 8 | 85038 | 8 | LOCKNUT, 1/2-13 | |
| 9 | 85093 | 16 | WASHER, FLAT, 1/2-13 | |
| 10 | 60809 | 1 | MOUNTING PLATE, FRONT ENGINE MOUNT | |
| 11 | 80342 | 1 | BOLT, DRILLED HEAD, M16 X 2 X 45 MM, 10.9 SHCS | |
| 12 | 85094 | 2 | WASHER, FLAT, 5/8-11 | |
| 13 | 60814 | 4 | ISOLATOR, FRONT ENGINE MOUNT, DUAL SYSTEM | |
| 14 | 60113 | 2 | WASHER, BOOM | |
| 15 | 10971 | 2 | SPACER, FRONT MOTOR MOUNT | |
| 16 | 82474 | 2 | BOLT, HEX, 5/8-11 X 3 1/4" LG | |
| 17 | 85039 | 2 | LOCKNUT, 5/8-11 | |
| 18 | 60799-6 | 6 | BOLT, FLEX PLATE/TORQUE CONV | |
| 19 | 60981 | 1 | MOUNT, REAR ENGINE, LH | |
| 20 | 60982 | 1 | MOUNT, REAR ENGINE, RH | |
| 21 | 80240 | 12 | BOLT, M12 X 1.5 X 35 MM, HEX HD, 10.9 | |
| 22 | 61678 | 2 | ISOLATOR, REAR ENGINE | |
| 23 | 61677-8 | 2 | SPACER, BOLT | |
| 24 | 60740 | 2 | WASHER, 3/4, REAR ENGINE MOUNT | |
| 25 | 85095 | 2 | WASHER, FLAT, 3/4 | |
| 26 | 60740-1 | 2 | WASHER, 3/4, REAR ENGINE MOUNT | |
| 27 | 82574 | 2 | BOLT, HEX, 3/4-10 UNC X 5 1/2 LG | |
| 28 | 85029 | 2 | NUT, NYLOCK, 3/4-10 UNC | |
| REV | DATE | BY | | SHEET |
| | | | | 1 OF 2 |

TICO MANUFACTURING - RIDGELAND, SC 29936

| TICO PRO-SPOTTER | | | | |
|------------------|----------|-----------------------------|---|--------|
| S/N: | | ENGINE & TRANS, QSB TIER 4i | | 72427 |
| ITEM | PART # | QTY/M | DESCRIPTION | TASK |
| | | | TRANS MOUNTING KIT | |
| 29 | 60799-7 | 12 | BOLT - TRANS MOUNTING | |
| NOT SHOWN | 60779-20 | 12 | WASHER - TRANS MOUNTING | |
| 30 | 90910 | 1 | BRACKET, BATTERY CABLE SUPPORT | |
| 31 | 61574 | 1 | DIPSTICK, TRANSMISSION RDS | |
| | | | | |
| 32 | 12091 | 3 | SPACER | |
| 33 | 82382 | 3 | BOLT, HEX, 5/16-18 x 2 1/4 LG | |
| 34 | 85112 | 8 | WASHER, FLAT, 5/16 | |
| 35 | 85134 | 2 | LOCKWASHER, 5/16 | |
| 36 | 40593 | 4 | P-CLAMP | |
| | | | | |
| 37 | 85035 | 1 | LOCKNUT, 5/16 | |
| | | | | |
| 38 | 60061 | 1 | PRESSURE STAT, 10 LBS | |
| 39 | 40467 | 1 | FITTING, TEE, BRANCH, 1/4 | |
| 40 | 91068 | 1 | SENSOR, OIL PRESS GAUGE | |
| 41 | 91069 | 1 | SENSOR, WATER TEMP GAUGE | |
| | | | | |
| 42 | 40471 | 2 | ADAPTER, STR, #12 O RING X 3/4 JIC | |
| 43 | 10624 | 3 | ELBOW, 90 °, #12 O RING X 3/4 JIC | |
| | | | | |
| 44 | 61640 | 1 | PEDAL, ACCELERATOR, ELECTRONIC QSB | |
| 45 | 90632 | 1 | MOUNTING PLATE, ELECTRIC THROTTLE | |
| 46 | 83318 | 2 | SCREW, SOCKET, 3/8-16 X 3 1/2" LG | |
| 47 | 85113 | 4 | WASHER, FLAT, 3/8 | |
| 48 | 85036 | 2 | LOCKNUT, 3/8-16 | |
| | | | | |
| 49 | 42055 | 1 | FITTING, ELBOW, 45°, #16 HOSE X 3/4 NPT, BARB | |
| 50 | 60956 | 2 | BRACKET, TRANS HOSE | |
| 51 | 82382 | 2 | BOLT, HEX, 5/16-18 X 1.25 | |
| 52 | 85013 | 2 | NUT, HEX, 5/16-18 | |
| | | | | |
| NOT SHOWN | 42178 | 1 | FITTING, HOSE BARB-90°, #10 HOSE X 1/2 NPT | |
| | | | | |
| NOT SHOWN | 91221 | 1 | CABLE, POS, 2GA, RED X 42" 5/16-3/8 ENDS | |
| NOT SHOWN | 91222 | 1 | CABLE, GROUND ALTERNATOR TO STARTER | |
| NOT SHOWN | 91232 | 1 | WIRE ASSY, ECM, GRD/BATT | |
| NOT SHOWN | 62413 | 1 | WIRE HARNESS, ENGINE, TIER 4i | |
| NOT SHOWN | 62414 | 1 | WIRE HARNESS, TRANSMISSION | |
| | | | | |
| REV | DATE | BY | | SHEET |
| | | | | 2 OF 2 |