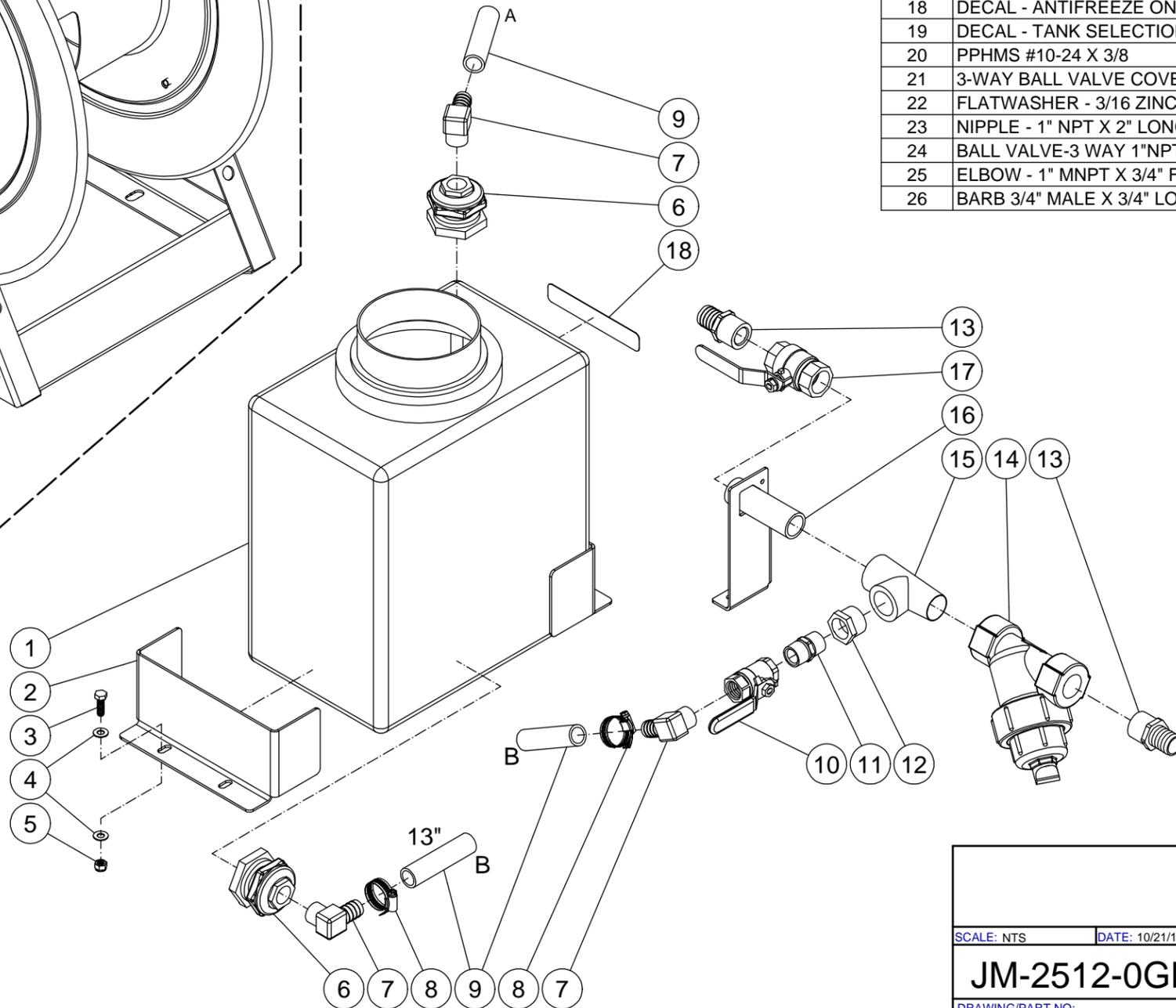
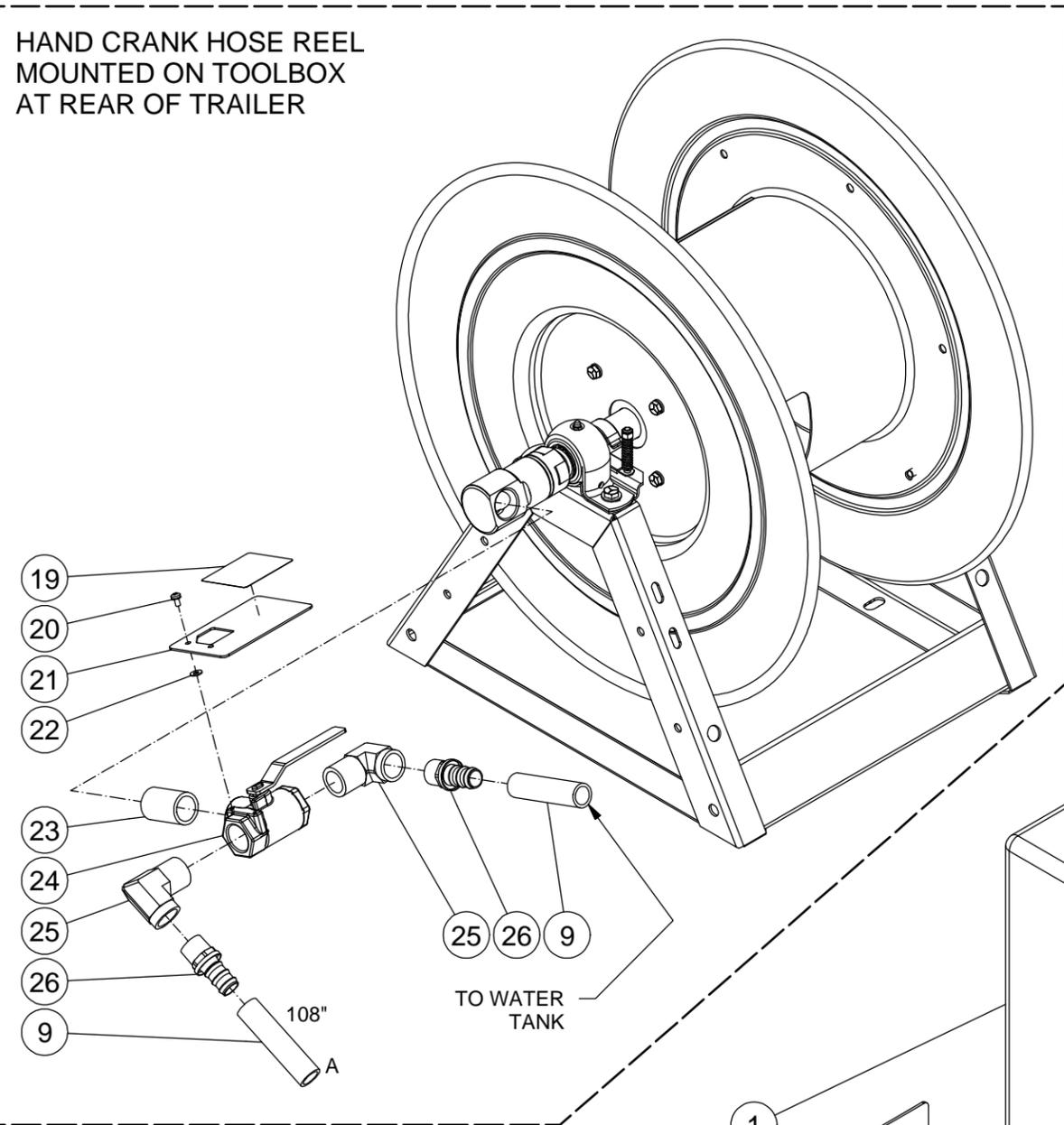


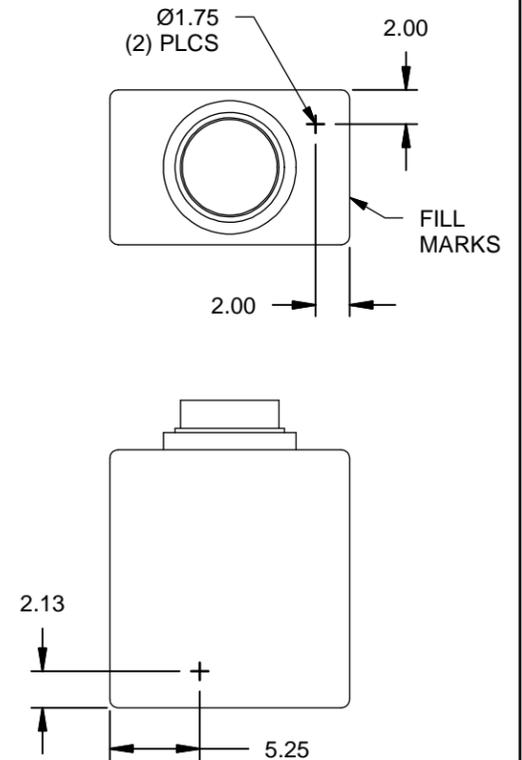
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NOTE: BOLTS (3), WASHERS (4), AND LOCKNUTS (5) ARE USED TO SECURE TANK BRACKETS TO TRAILER DECK

HAND CRANK HOSE REEL MOUNTED ON TOOLBOX AT REAR OF TRAILER



| ITEM | DESCRIPTION | PART # | P/L | R/Q | QTY |
|------|------------------------------------|------------|-----|-----|-----|
| 1 | TANK - 7 GALLON PLASTIC | 12-0235 | | | 1 |
| 2 | BRACKET - ANTIFREEZE TANK | 20-1259A18 | | | 2 |
| 3 | BOLT - HHCS - ZI GR5 5/16-18 x 1" | 27-0067 | | | 4 |
| 4 | WASHER-ZI SAE TYPE A 5/16" | 28-0003 | | | 8 |
| 5 | HEX NYLON LOCKNUT-ZINC 5/16-18 | 30-0157 | | | 4 |
| 6 | BULKHEAD FITTING 3/4 | 55-0010 | | | 2 |
| 7 | BARB - 3/4"MNPT X 3/4" BARB | 23-0482 | | | 3 |
| 8 | CLAMP WORM #20SS 3/4 - 1-1/2 | 42-0018 | | | 2 |
| 9 | HOSE - 3/4" ID CLEAR REINFORCED | 15-0304 | | ??? | 1 |
| 10 | BALL VALVE 3/4 - BRASS | 22-0279 | | | 1 |
| 11 | NIPPLE 3/4M X 3/4M HEX - BRASS | 23-0026 | | | 1 |
| 12 | REDUCER - 1"MNPT X 3/4"FNPT | 23-0473 | | | 1 |
| 13 | BARB 1MP X 1 HOSE - BRASS | 23-0091 | | X | 2 |
| 14 | FILTER 1" WYE IN LINE 80 MESH | 19-0247 | | X | 1 |
| 15 | TEE - 1" STREET GALVANIZED | 24-0117 | | | 1 |
| 16 | 1" PIPE WELDMENT | 20-0951A01 | | X | 1 |
| 17 | BALL VALVE 1"NPT BRASS STD | 22-0344 | | X | 1 |
| 18 | DECAL - ANTIFREEZE ONLY | 34-2648 | N/A | X | 1 |
| 19 | DECAL - TANK SELECTION | 34-2698 | N/A | X | 1 |
| 20 | PPHMS #10-24 X 3/8 | 27-9533 | | | 2 |
| 21 | 3-WAY BALL VALVE COVER | 20-1285A01 | | | 1 |
| 22 | FLATWASHER - 3/16 ZINC | 28-0001 | | | 2 |
| 23 | NIPPLE - 1" NPT X 2" LONG | 24-0324 | | | 1 |
| 24 | BALL VALVE-3 WAY 1"NPT BRONZE | 22-0321 | | | 1 |
| 25 | ELBOW - 1" MNPT X 3/4" FNPT | 24-0322 | | | 2 |
| 26 | BARB 3/4" MALE X 3/4" LOCK - BRASS | 23-0008 | | | 2 |



SCALE: NTS DATE: 10/21/11 DRAWING SIZE: B APPD: DRAWN BY: CH

JM-2512-0GH - ANTIFREEZE PLUMBING

DRAWING/PART NO:
JM-2512 - ANTIFREEZE PLUMBING

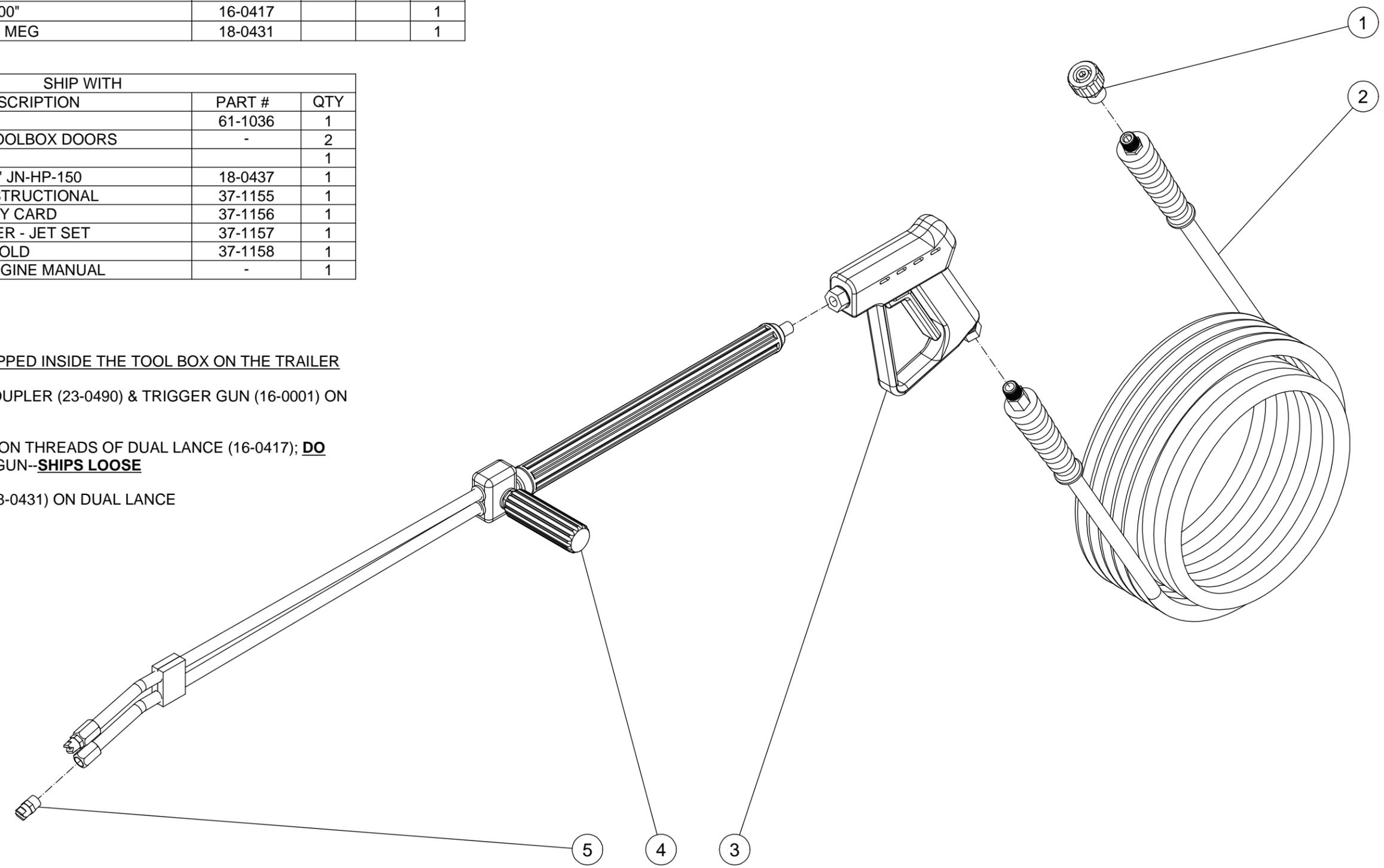
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| ITEM | DESCRIPTION | PART # | P/L | R/Q | QTY |
|------|-------------------------------|---------|-----|-----|-----|
| 1 | 3/8" FNPT X M22 SCREW COUPLER | 23-0490 | | | 1 |
| 2 | HOSE - 3/8 X 50' 4500 PSI | 15-0166 | | | 1 |
| 3 | TRIGGER GUN 4000 PSI | 16-0001 | | | 1 |
| 4 | DUAL LANCE - 48.00" | 16-0417 | | | 1 |
| 5 | NOZZLE 2514 1/4" MEG | 18-0431 | | | 1 |

| SHIP WITH | | | | |
|-----------|-----------------------------|---------|-----|--|
| ITEM | DESCRIPTION | PART # | QTY | |
| - | JACK ROD | 61-1036 | 1 | |
| - | KEYS SET FOR TOOLBOX DOORS | - | 2 | |
| - | JM-2512 MANUAL | | 1 | |
| - | NOZZLE SET - 1/2" JN-HP-150 | 18-0437 | 1 | |
| - | DVD - JETTER INSTRUCTIONAL | 37-1155 | 1 | |
| - | WARRANTY REPLY CARD | 37-1156 | 1 | |
| - | CATALOG STUFFER - JET SET | 37-1157 | 1 | |
| - | WARRANTY TRI-FOLD | 37-1158 | 1 | |
| - | HONDA GX690 ENGINE MANUAL | - | 1 | |

NOTES:

- ALL ITEMS ARE SHIPPED INSIDE THE TOOL BOX ON THE TRAILER
- INSTALL SCREW COUPLER (23-0490) & TRIGGER GUN (16-0001) ON HOSE ENDS
- PUT THREAD TAPE ON THREADS OF DUAL LANCE (16-0417); **DO NOT** INSTALL ONTO GUN--**SHIPS LOOSE**
- INSTALL NOZZLE (18-0431) ON DUAL LANCE

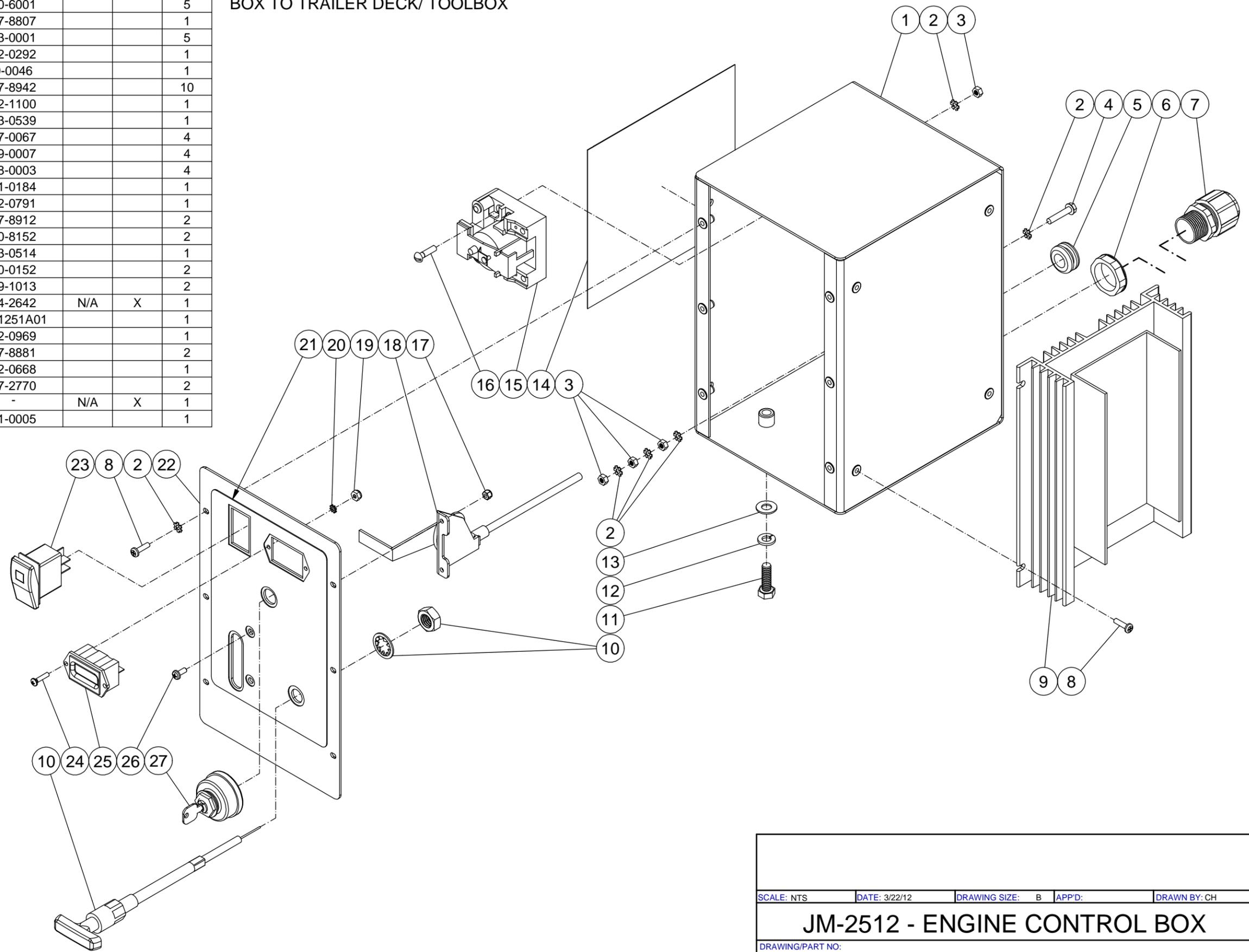


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| JM-2512 - GUN/WAND/HOSE ASSY | | | | |
| DRAWING/PART NO: JM-2512 - GUN_WAND_HOSE ASSY | | | | |

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| ITEM | DESCRIPTION | PART # | P/L | R/Q | QTY |
|------|-----------------------------------|------------|-----|-----|-----|
| 1 | ENGINE CONTROL BOX | 20-1250A01 | | | 1 |
| 2 | EXTERNAL TOOTH LOCKWASHER | 28-1009 | | | 12 |
| 3 | HEX NUT - M5 X 0.8 | 30-6001 | | | 5 |
| 4 | HHCS ZINC GR8.8 M5 - 0.80P x 25MM | 27-8807 | | | 1 |
| 5 | GROMMET 1/2 X 3/4 X 1/8 | 33-0001 | | | 5 |
| 6 | LOCKNUT ELECT 3/4" | 32-0292 | | | 1 |
| 7 | CORD RELIEF - 3/4" NPT .750 CORD | 9-0046 | | | 1 |
| 8 | PPHMS - ZINC #8-32 X 5/8 | 27-8942 | | | 10 |
| 9 | VARIABLE SPEED CONTROL - 12V DC | 32-1100 | | | 1 |
| 10 | THROTTLE CABLE - PUSH/PULL | 33-0539 | | | 1 |
| 11 | BOLT - HHCS - ZI GR5 5/16-18 x 1" | 27-0067 | | | 4 |
| 12 | LOCKWASHER-ZINC MED 5/16 | 29-0007 | | | 4 |
| 13 | WASHER-ZI SAE TYPE A 5/16" | 28-0003 | | | 4 |
| 14 | ENVELOPE-ZIPLOCK/PLASTIC 6X6 | 41-0184 | | | 1 |
| 15 | RELAY CONTROL 12 VDC | 32-0791 | | | 1 |
| 16 | PRHMS - #10-32 X 3/4 ZINC | 27-8912 | | | 2 |
| 17 | HEX NYLON LOCKNUT - SS M4 - .7P | 30-8152 | | | 2 |
| 18 | THROTTLE CONTROL | 33-0514 | | | 1 |
| 19 | HEX NYLON LOCKNUT-ZI #6-32 | 30-0152 | | | 2 |
| 20 | EXTERNAL LOCKWASHER #6-32 | 29-1013 | | | 2 |
| 21 | DECAL - ENGINE CONTROLS | 34-2642 | N/A | X | 1 |
| 22 | ENGINE CONTROL PANEL | 20-1251A01 | | | 1 |
| 23 | SWITCH - ROCKER W/ LAMP 12V | 32-0969 | | | 1 |
| 24 | PPHMS-BL OXIDE #6-32X3/4 | 27-8881 | | | 2 |
| 25 | HOUR METER / DIGITAL | 32-0668 | | | 1 |
| 26 | PPHMS M4-0.7X16MM - SS | 27-2770 | | | 2 |
| 27 | KEY SWITCH (SEE ENGINE BREAKDOWN) | - | N/A | X | 1 |
| - | DECAL SET - JM-2512 | 71-0005 | | | 1 |

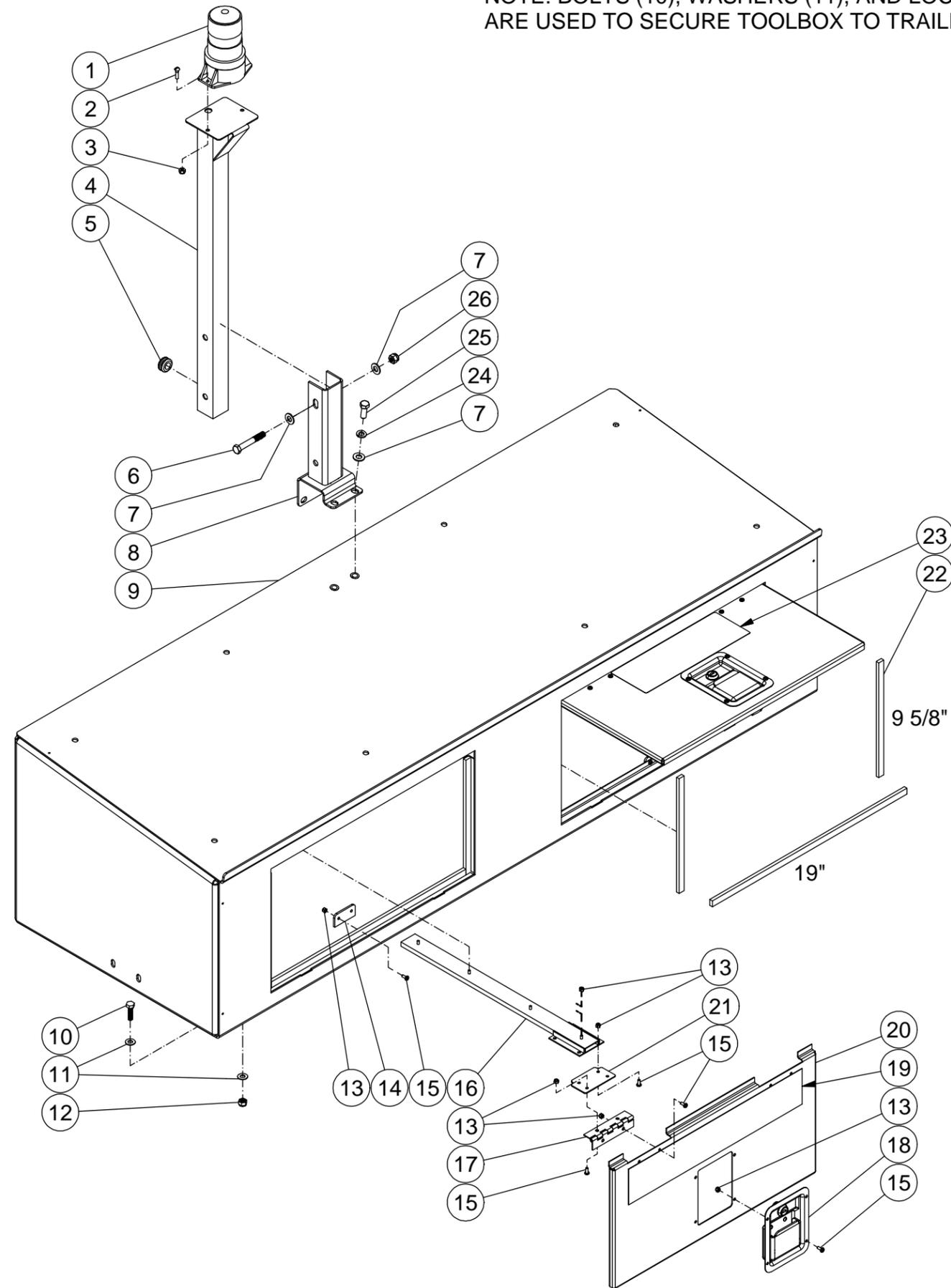
NOTE: BOLTS (11), LOCKWASHERS (12), AND WASHERS (13) ARE USED TO SECURE CONTROL BOX TO TRAILER DECK/ TOOLBOX



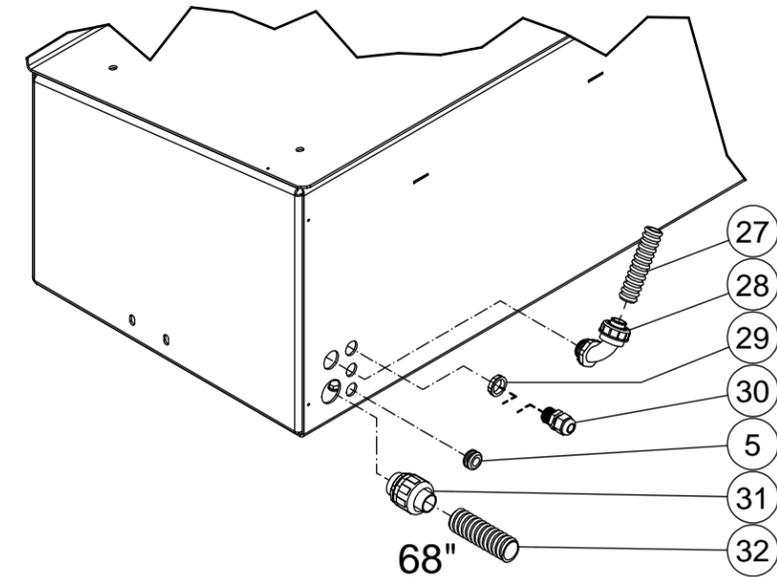
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| JM-2512 - ENGINE CONTROL BOX | | | | |
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NOTE: BOLTS (10), WASHERS (11), AND LOCKNUTS (12) ARE USED TO SECURE TOOLBOX TO TRAILER DECK



| ITEM | DESCRIPTION | PART # | P/L | R/Q | QTY |
|------|--|------------|-----|-------|-----|
| 1 | STROBE LIGHT | 32-1085 | | | 1 |
| 2 | PRHMS - #10-32 X 3/4 ZINC | 27-8912 | | | 2 |
| 3 | HEX NYLON LOCKNUT-ZINC #10-32 | 30-0136 | | | 2 |
| 4 | LIGHT POST | 20-1243A64 | | | 1 |
| 5 | GROMMET 1/2 X 3/4 X 1/8 | 33-0001 | | | 3 |
| 6 | BOLT - HHCS - ZI GR5 3/8-16 x 2-1/2" | 27-0123 | | | 2 |
| 7 | WASHER - ZI SAE 3/8" | 28-0004 | | | 8 |
| 8 | LIGHT POST MOUNT | 20-1242A64 | | | 1 |
| 9 | TOOLBOX - JETTER TRAILER | 20-1262A64 | | | 1 |
| 10 | BOLT - HHCS - ZI GR5 5/16-18 X 1-1/4" | 27-0068 | | | 6 |
| 11 | WASHER-ZI SAE TYPE A 5/16" | 28-0003 | | | 12 |
| 12 | HEX NYLON LOCKNUT-ZINC 5/16-18 | 30-0157 | | | 6 |
| 13 | HEX NYLON LOCKNUT - SS M4 - .7P | 30-8152 | | | 52 |
| 14 | STRIKER PLATE | 20-1245A01 | | | 2 |
| 15 | PPHMS M4-0.7X16MM - SS | 27-2770 | | | 36 |
| 16 | SLIDE - LINEAR MOTION | 33-0515 | | | 4 |
| 17 | HINGE - 1 1/2" X 4" SS | 43-0105 | | | 4 |
| 18 | PADDLE LATCH - SS/ LOCKING | 33-0516 | | | 2 |
| 19 | DECAL - JM-2512 TOOLBOX DOOR | 34-2639 | N/A | X | 1 |
| 20 | DOOR | 20-1244A64 | | | 2 |
| 21 | DOOR HINGE MOUNT | 20-1246A01 | | | 4 |
| 22 | WEATHERSTRIP - ADHESIVE BACK | 26-0378 | | 76.5" | 1 |
| 23 | DECAL - WARNING/OPERATION SEWER JETTER | 34-2624 | N/A | X | 1 |
| 24 | LOCKWASHER - ZI MED 3/8 | 29-0008 | | | 4 |
| 25 | BOLT - HHCS 3/8-16 X 1 | 27-0117 | | | 4 |
| 26 | HEX NYLON LOCKNUT - ZI 3/8-16 | 30-0159 | | | 2 |
| 27 | CONDUIT 3/4" BLACK | 32-0486 | | ??? | 1 |
| 28 | CONDUIT 90 ELBOW 3/4" | 32-0487 | | | 1 |
| 29 | LOCKNUT 1/2" ELECTRICAL | 32-0108 | | | 1 |
| 30 | STRAIN RELIEF | 32-0437 | | | 1 |
| 31 | CONDUIT FITTING 1" BLACK | 32-0996 | | | 1 |
| 32 | CONDUIT FLEX 1" BLACK | 32-0908 | | 68" | 1 |



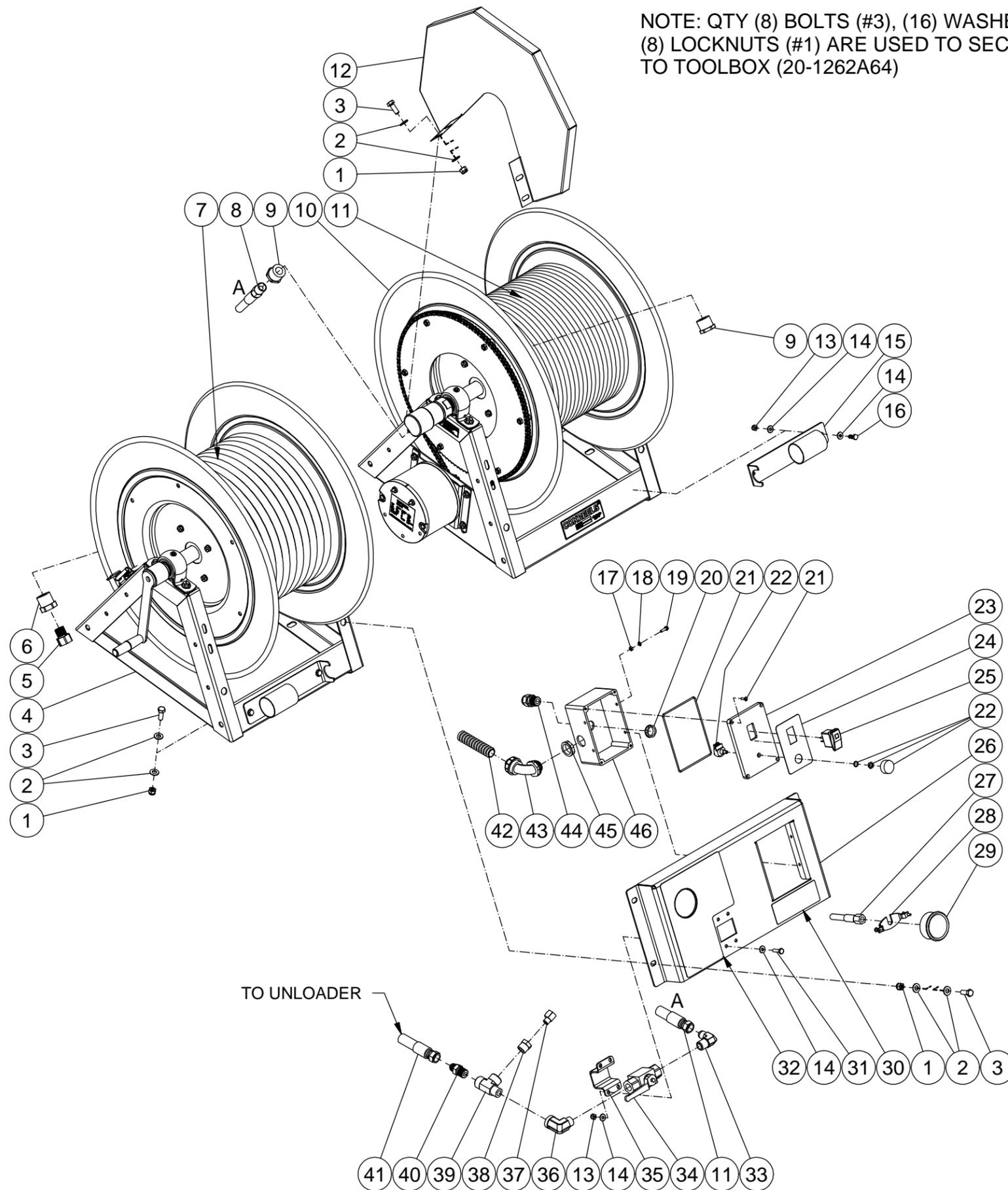
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JM-2512-0GH - TOOLBOX ASSY

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JM-2512 - TOOLBOX ASSY

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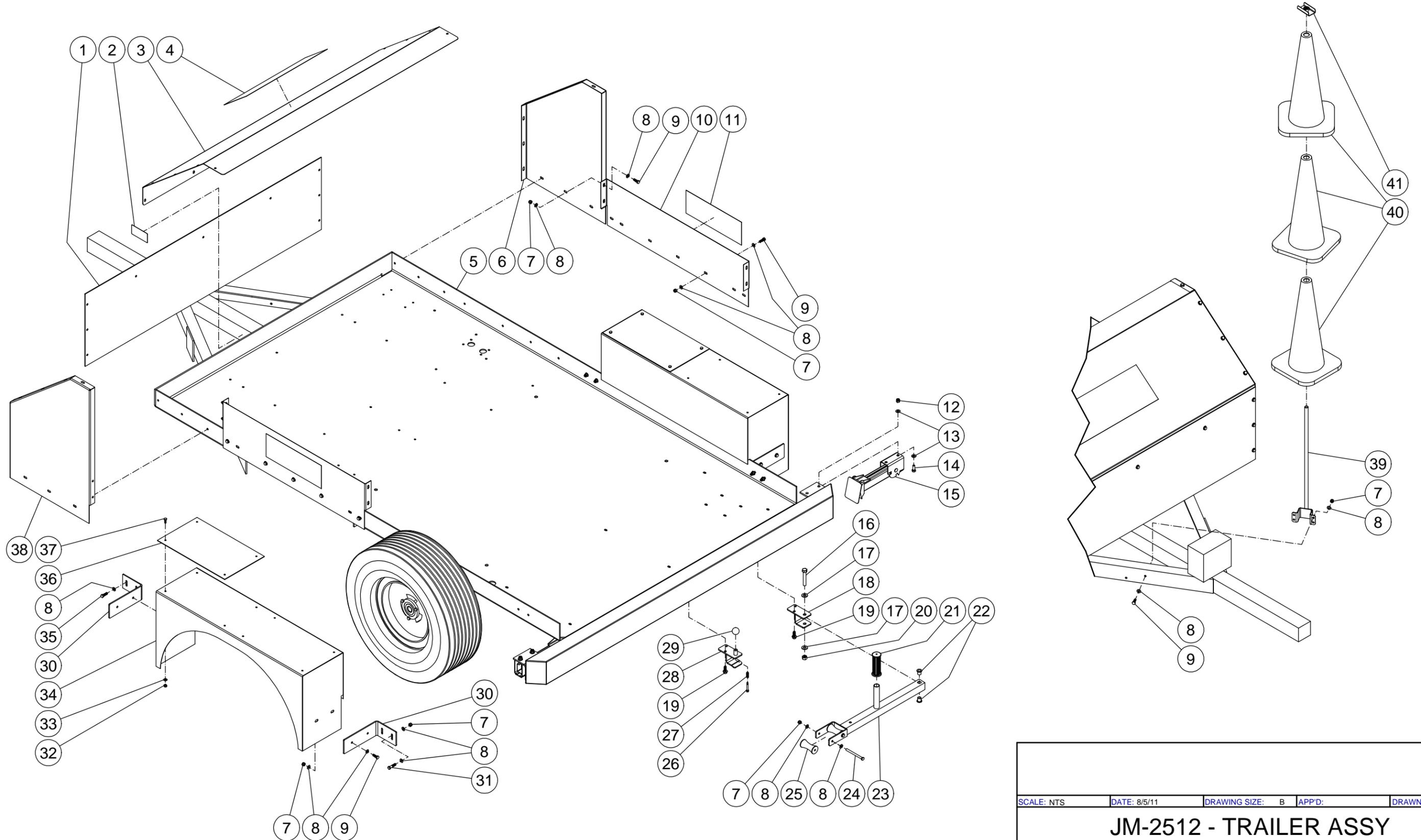
NOTE: QTY (8) BOLTS (#3), (16) WASHERS (#2), AND (8) LOCKNUTS (#1) ARE USED TO SECURE HOSE REELS TO TOOLBOX (20-1262A64)



| ITEM | DESCRIPTION | PART # | P/L | R/Q | QTY |
|------|---|------------|-----|-----|-----|
| 1 | HEX NYLON LOCKNUT - ZI 3/8-16 | 30-0159 | | | 14 |
| 2 | WASHER - ZI SAE 3/8" | 28-0004 | | | 28 |
| 3 | BOLT - HHCS 3/8-16 X 1 | 27-0117 | | | 14 |
| 4 | HOSE REEL - HAND CRANK | 50-0193 | | | 1 |
| 5 | SWIVEL - 1/2M X 3/4F GARDEN HOSE | 23-0095 | | | 1 |
| 6 | REDUCER - BRASS - 1"M x 1/2"F | 23-0226 | | | 1 |
| 7 | HOSE - 3/4" GARDEN 150' | 15-0316 | | | 1 |
| 8 | HOSE 1/2" X 24" | 15-0263 | | | 1 |
| 9 | REDUCER - 1"M X 1/2"F | 24-0303 | | | 2 |
| 10 | HOSE REEL - ELECTRIC | 50-0194 | | | 1 |
| 11 | HP HOSE - 1/2" X 400' | 15-0322 | | | 1 |
| 12 | GEAR GUARD | 50-0197A18 | | | 1 |
| 13 | HEX NYLON LOCKNUT-ZINC 1/4-20 | 30-0155 | | | 8 |
| 14 | WASHER-ZI SAE TYPE A 1/4" | 28-0002 | | | 16 |
| 15 | HOSE RETAINER | 20-1240A64 | | | 2 |
| 16 | HHCS-ZI GR5 1/4-20 X 3/4" | 27-0015 | | | 4 |
| 17 | HEX NUT - M5 X 0.8 | 30-6001 | | | 4 |
| 18 | EXTERNAL TOOTH LOCKWASHER | 28-1009 | | | 4 |
| 19 | HHCS - GR8.8 M5-0.8P X 16MM BLACK | 27-9526 | | | 4 |
| 20 | LOCKNUT 1/2" ELECTRICAL | 32-0108 | | | 1 |
| 21 | HARDWARE KIT | 70-0197 | | | 1 |
| 22 | VARIABLE SPEED CONTROL | 32-1100 | | | 1 |
| 23 | CONTROL BOX LID | 20-1256A01 | | | 1 |
| 24 | DECAL - VARIABLE SPEED CONTROLS | 34-2650 | N/A | X | 1 |
| 25 | SWITCH - ROCKER W/ LAMP 12V | 32-0969 | | | 1 |
| 26 | HOSE REEL CONTROL PANEL | 20-1241A64 | | | 1 |
| 27 | HP HOSE - 1/4" ID X 1/4MS X 1/4F X 13.25" | 15-0309 | | | 1 |
| 28 | U-CLAMP - GAUGE MOUNT | 13-0211 | | | 1 |
| 29 | GAUGE - 0-5000PSI 2 1/2"DIA BACK MOUNT | 22-0465 | | | 1 |
| 30 | DECAL - GENERAL JET-SET TYPHOON | 34-2651 | N/A | X | 1 |
| 31 | HHCS - ZI GR5 1/4-20X1 | 27-0016 | | | 4 |
| 32 | DECAL - HOSE REEL CONTROL PANEL | 34-2644 | N/A | X | 1 |
| 33 | ELBOW 1/2M X #8JIC MALE | 24-0074 | | | 1 |
| 34 | BALL VALVE - 1/2" FNPT 7350PSI | 22-0463 | | | 1 |
| 35 | BALL VALVE HOLDER | 20-1254A01 | | | 1 |
| 36 | ELBOW 1/2MPX1/2FP 90 STEEL FORGE | 24-0006 | | | 1 |
| 37 | ELBOW 1/4"FPX1/4MPT 90 BRASS | 23-0014 | | | 1 |
| 38 | REDUCER 1/2MP X 1/4 FP HEX - STEEL | 24-0053 | | | 1 |
| 39 | STREET TEE-1/2NPT STEEL FORGED | 24-0242 | | | 1 |
| 40 | NIPPLE 1/2MP X #8JIC HEX | 24-0054 | | | 1 |
| 41 | HOSE 1/2" X 9' | 15-0314 | | | 1 |
| 42 | CONDUIT 3/4" BLACK | 32-0486 | | ??? | 1 |
| 43 | CONDUIT 90 ELBOW 3/4" | 32-0487 | | | 1 |
| 44 | STRAIN RELIEF | 32-0437 | | | 1 |
| 45 | LOCKNUT ELECT 3/4" | 32-0292 | | | 1 |
| 46 | CONTROL BOX | 20-1255A01 | | | 1 |

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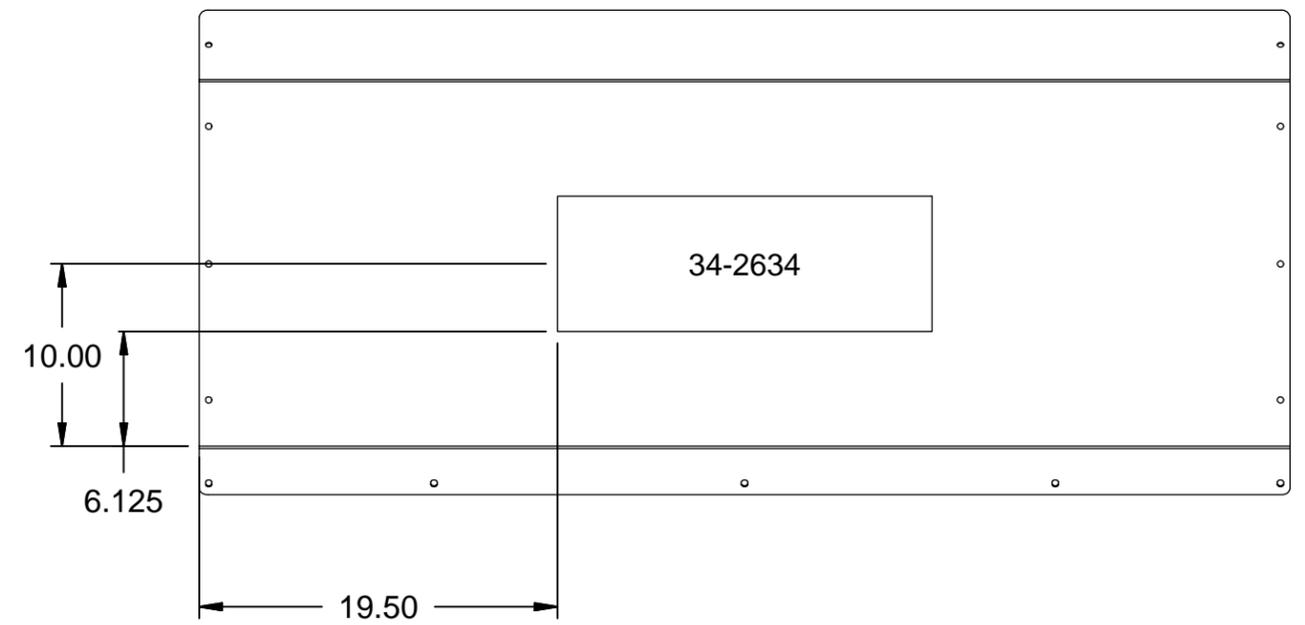
NOTE: PLACE TRAILER SPEC STICKERS & SILVER STICKER ON DRIVER'S SIDE OF TONGUE; BETWEEN FRONT OF DECK AND TONGUE BRACES



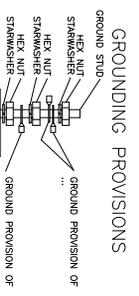
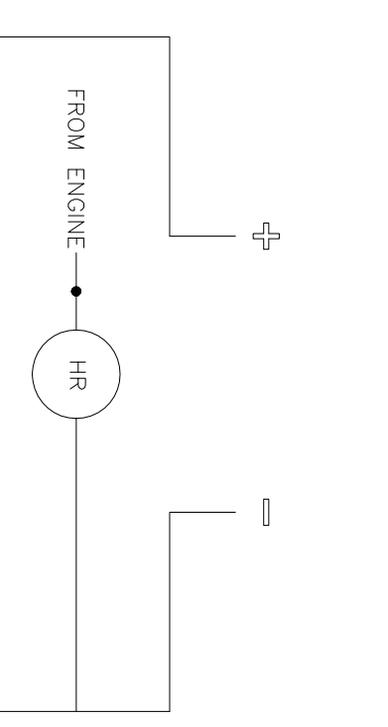
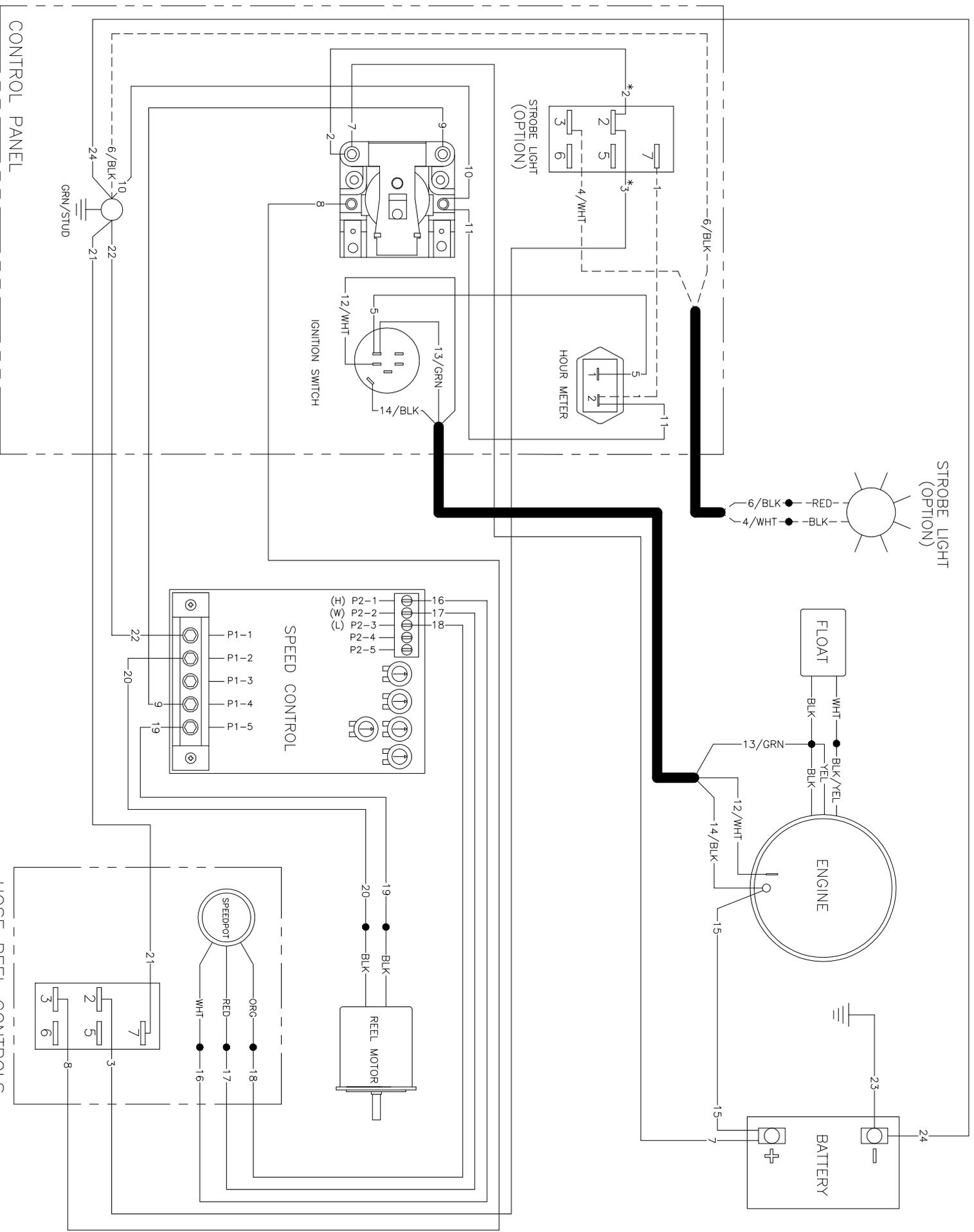
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| JM-2512 - TRAILER ASSY | | | | |
| DRAWING/PART NO: JM-2512 - TRAILER ASSY | | | | |

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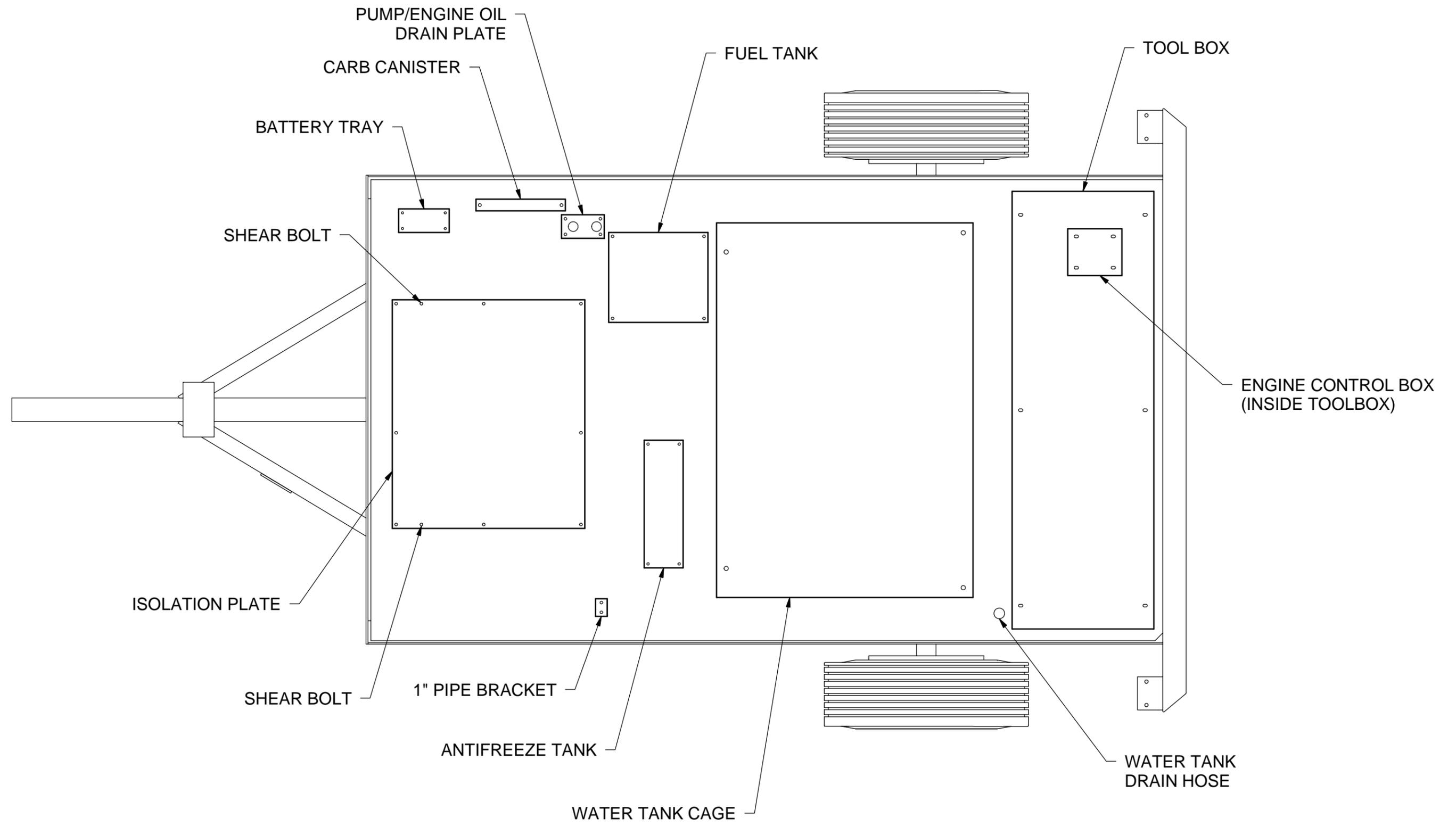
| ITEM | DESCRIPTION | PART # | P/L | R/Q | QTY |
|------|--|------------|-----|-----|-----|
| 1 | FRONT COVER - TRAILER | 56-0071 | | | 1 |
| 2 | DECAL - SILVER STICKER | 34-0075 | N/A | | 1 |
| 3 | FRONT PANEL - TRAILER | 20-1236A64 | | X | 1 |
| 4 | DECAL - JM-2512 FRONT PANEL | 34-2634 | | X | 1 |
| 5 | SINGLE AXLE W/ELECTRIC BRAKES | 61-0013 | | | 1 |
| 6 | RIGHT SUPPORT PANEL | 20-1238A64 | | | 1 |
| 7 | HEX NYLON LOCKNUT-ZINC 5/16-18 | 30-0157 | | | 55 |
| 8 | WASHER-ZI SAE TYPE A 5/16" | 28-0003 | | | 110 |
| 9 | BOLT - HHCS - ZI GR5 5/16-18 x 1" | 27-0067 | | | 45 |
| 10 | MIDDLE PANEL - TRAILER | 20-1239A64 | | | 2 |
| 11 | DECAL - JM-2512 SIDE PANEL | 34-2633 | | X | 2 |
| 12 | HEX NYLON LOCKNUT - ZI 3/8-16 | 30-0159 | | | 4 |
| 13 | WASHER - ZI SAE 3/8" | 28-0004 | | | 8 |
| 14 | BOLT - HHCS 3/8-16 X 1 | 27-0117 | | | 4 |
| 15 | STABILIZER ARM | 61-1035 | | | 2 |
| 16 | HHCS-ZI GR5 1/2-13 X 3 | 27-0227 | | | 1 |
| 17 | WASHER - ZI SAE TYPE A 1/2 | 28-0006 | | | 2 |
| 18 | HOSE GUIDE MOUNT | 20-1248A01 | | | 1 |
| 19 | HWHCS - ZI 3/8-16 X 1 | 27-9530 | | | 4 |
| 20 | HEX NYLON LOCKNUT-ZINC 1/2-13 | 30-0163 | | | 1 |
| 21 | HANDLE GRIP | 7-0167 | | | 1 |
| 22 | SLEAVE BEARING - 1/2" ID | 33-0518 | | | 2 |
| 23 | HOSE GUIDE | 20-1247A01 | | | 1 |
| 24 | HHCS-ZI GR5 5/16-18 x 4" | 27-0079 | | | 2 |
| 25 | HOSE GUIDE ROLLER | 51-0043 | | | 2 |
| 26 | SHOULDER SCREW-#10-24 X 1/4" X 1.625" LONG | 27-0895 | | | 1 |
| 27 | SPRING 1" LONG X 5/16" O.D. ZINC PLATED | 49-0165 | | | 1 |
| 28 | HOSE GUIDE CATCH | 20-1249A01 | | | 1 |
| 29 | KNOB-1.25" DIA. X 10"-24 STEEL INSERT | 7-0223 | | | 1 |
| 30 | FENDER BRACKET | 20-1064A01 | | | 4 |
| 31 | HHCS-ZI GR5 5/16-18 X 1-1/2 | 27-0069 | | | 4 |
| 32 | HEX NYLON LOCKNUT-ZINC 1/4-20 | 30-0155 | | | 8 |
| 33 | WASHER-ZI SAE TYPE A 1/4" | 28-0002 | | | 8 |
| 34 | TRAILER FENDER | 20-1155A18 | | | 2 |
| 35 | BOLT - HHCS - ZI GR5 5/16-18 X 1-1/4" | 27-0068 | | | 4 |
| 36 | FENDER STEP | 56-0066 | | | 2 |
| 37 | HHCS-ZI GR5 1/4-20 X 3/4" | 27-0015 | | | 8 |
| 38 | LEFT SUPPORT PANEL | 20-1237A64 | | | 1 |
| 39 | SAFETY CONE HOLDER | 20-1257A01 | | | 1 |
| 40 | SAFETY CONE | 61-1034 | | | 3 |
| 41 | HANDLE NUT - 5/8" | 20-1258A01 | | | 1 |



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|--|--------------|-----------------|-------|--------------|
| SCALE: NTS | DATE: 8/5/11 | DRAWING SIZE: B | APPD: | DRAWN BY: CH |
| JM-2512 - TRAILER ASSY | | | | |
| DRAWING/PART NO: JM-2512 - TRAILER ASSY | | | | |



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| SCALE: NTS | DATE: 3/22/12 | DRAWING SIZE: B | APPD: | DRAWN BY: CH |
| JM-2512-0GH TRAILER HOLE LOCATIONS | | | | |
| DRAWING/PART NO: 61-0013 | | | | |

| ITEM | DESCRIPTION | VENDOR # | Mi-T-M # | P/L | QTY |
|------|---|----------|----------|-----|-----|
| 1 | VALVE CAP | 66130041 | 46-1222 | | 6 |
| 2 | BACK UP RING - O.D. 29 X I.D. 24.5 X 1.5mm | 90516500 | 25-0592 | | 6 |
| 3 | O-RING .937 x .103 | 90385700 | 25-0139 | | 6 |
| 4 | VALVE ASSEMBLY | 36722701 | - | N/A | 6 |
| 5 | MANIFOLD - BRASS - 24mm | 66120241 | 46-1508 | | 1 |
| 6 | O-RING 7/16 X 9/16 | 90358500 | 25-0014 | | 4 |
| 7 | PLUG- 1/4" X 13 | 98204300 | 39-0222 | | 3 |
| 8 | LOCKWASHER M10 SERR CURVE | 96710400 | 29-0155 | | 8 |
| 9 | BOLT - HHCS M10-1.5P x 90mm | 99380100 | 27-9595 | | 8 |
| 10 | GASKET - ALUMINUM 3/4" | 96770000 | 28-1051 | | 1 |
| 11 | PLUG- 3/4" X 16 | 98226500 | 39-0221 | | 1 |
| 12 | WASHER - ALUM - O.D. 22 X I.D. 17.2 X 1.5mm | 12401900 | 28-1002 | | 1 |
| 13 | PLUG/HEX - BRASS 3/8-19 BSPP-F | 98210000 | 39-0018 | | 2 |
| 14 | HIGH PRESSURE SEAL ASSEMBLY | 90274100 | - | N/A | 3 |
| 15 | HIGH PRESSURE INTERMEDIATE RING - 24mm | 66216470 | - | N/A | 3 |
| 16 | LOW PRESSURE SEAL ASSEMBLY | 90273800 | - | N/A | 3 |
| 17 | O-RING - 34.65 X 1.78mm | 90361600 | 25-0015 | | 3 |
| 18 | LOW PRESSURE SEAL RETAINER | 66080470 | - | N/A | 3 |
| 19 | OIL SEAL - 22 X 32 X 5.5 | 90162500 | 26-0047 | | 3 |
| 20 | BUSHING/BEARING - 22 X 25 X 30mm | 90912600 | 9-0029 | | 3 |
| 21 | O-RING 9/16 X 3/4 | 90383300 | 25-0052 | | 1 |
| 22 | OIL SEAL - 30 X 55 X 7 | 90164800 | 26-0049 | | 1 |
| 23 | HSHCS - M8-1.25P X 16MM | 99303900 | 27-8431 | | 4 |
| 24 | COVER/CRANKCASE OPEN | 66150022 | 46-1217 | | 1 |
| 25 | O-RING - 67.95 X 2.62mm | 701147 | 25-0590 | | 2 |
| 26 | BEARING - ROLLER - SKF - 2206EC | 91838000 | 48-0085 | | 2 |
| 27 | KEY - 8 X 7 X 35mm | 91489200 | 46-0602 | | 1 |
| 28 | CRANKSHAFT 21MM STROKE | 66020435 | 46-1210 | | 1 |
| 29 | PLUG/HEX - BRASS G1/4 | 98204100 | 39-0017 | | 1 |
| 30 | SIGHT GLASS | 63210051 | 46-1163 | | 1 |
| 31 | O-RING 1-1/16 X 1-5/16 | 90405100 | 25-0059 | | 1 |
| 32 | BOLT - HSHCS M6-1.0P X 20mm | 99188400 | 27-8812 | | 4 |
| 33 | COVER/CRANKCASE | 66160000 | 46-1212 | | 1 |
| 34 | O-RING - 133.02 X 2.62mm | 90392200 | 25-0339 | | 1 |
| 35 | HSHCS - M8 - 1.25P x 35mm | 99309900 | 27-8435 | | 6 |
| 36 | LOCKWASHER - M8 | 96701400 | 29-1014 | | 6 |
| 37 | CONNECTING ROD - ID 40 X W 29.70 MM | 66030001 | 46-1211 | | 3 |
| 38 | PIN/CONNECTING ROD - Ø14 X 36mm | 97740500 | 43-0118 | | 3 |
| 39 | PISTON ROD | 66050064 | 46-1213 | | 3 |
| 40 | SLINGER WASHER OD 28 X ID 10 X .5MM | 96710100 | 46-1214 | | 3 |
| 41 | PLUNGER - CERAMIC - 24mm | 66040409 | 46-1509 | | 3 |
| 42 | O-RING .426 X .070 | 701013 | 25-0310 | | 3 |
| 43 | BOLT/PISTON - M7 X 1.0P X 14MM | 66219566 | 46-1216 | | 3 |
| 44 | OIL DIP STICK | 98210600 | 46-0144 | | 1 |
| 45 | CRANKCASE | 66010022 | 46-1209 | | 1 |
| 46 | COVER/CRANKCASE SIGHTGLASS | 66150122 | 46-1208 | | 1 |
| 47 | O-RING 55.56 X 3.53MM | 90409700 | 25-0060 | | 1 |
| 48 | OIL LEVEL INDICATOR/SPACER | 44211801 | 46-0574 | | 1 |
| 49 | SIGHTGLASS COVER | 66150274 | 46-1207 | | 1 |
| 50 | HSHCS - ZI GR8.8 M8-1.25P x 25mm | 99306900 | 27-8433 | | 4 |

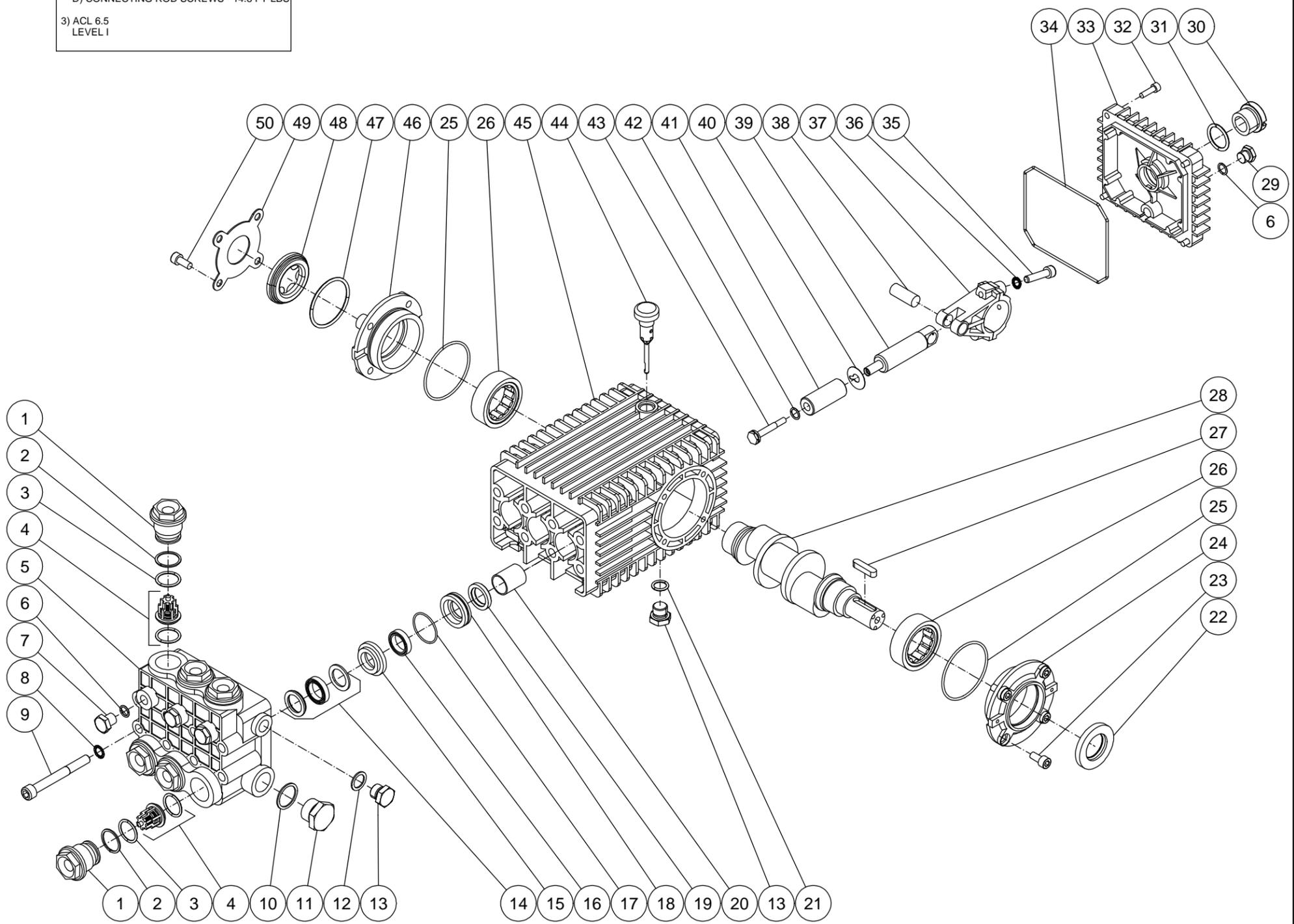
Q/C INSPECTION

1) VISUAL INSPECTION
A) FREIGHT DAMAGE
B) OIL LEAKS: ANY SIGN OF OIL IN BOX
C) OIL LEVEL: 1/2 SIGHT GLASS
D) RIGHT-HAND (RH) PUMP

2) CHECK THESE TORQUES:
A) HEAD BOLTS - 33.2 FT-LBS
B) VALVE CAPS - 95.9 FT-LBS
C) PLUNGER RETAINER - 14.8 FT-LBS
D) CONNECTING ROD SCREWS - 14.8 FT-LBS

3) ACL 6.5 LEVEL I

| Mi-T-M # | VENDOR # | BORE | STROKE | MAX RPM | MAX GPM | MAX PSI | OIL | INLET | OUTLET | SHAFT DIA. |
|----------|----------|------|--------|---------|---------|---------|---------|---------------|---------------|------------|
| 3-0372 | TSF2421 | 24mm | 21mm | 1750 | 12.0 | 2500 | 40.6 oz | 3/4"-14 BSP-F | 3/8"-19 BSP-F | 24mm |



| TORQUE SPECS. | |
|---------------|--------|
| POSITION | FT-LBS |
| 1 | 95.9 |
| 7 | 29.5 |
| 9 | 33.2 |
| 11 | 51.6 |
| 13 | 29.5 |
| 23 | 14.8 |
| 29 | 14.8 |
| 32 | 7.4 |
| 35 | 14.8 |
| 43 | 14.8 |
| 50 | 14.8 |

** USE LOC-TITE 542

| GENERAL KIT# | K02 | K169 | K181 | K182 |
|-----------------|--------------|-----------|-------------------------|-------------|
| Mi-T-M KIT# | 70-0432 | 70-0439 | 70-0607 | 70-0608 |
| DESCRIPTION | OIL SEAL KIT | VALVE KIT | LOW/HIGH PRESSURE SEALS | PACKING KIT |
| ITEMS | 19 | 4 | 14, 16 | 14-18 |
| # OF ASSEMBLIES | 3 | 6 | 3 | 1 |
| # OF CYLINDERS | 3 | 3 | 3 | 1 |



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| | | | | |
|-------------------------|---------------|-----------------|-------|---------------|
| SCALE: NTS | DATE: 8/29/12 | DRAWING SIZE: B | APPD: | DRAWN BY: RSW |
| PUMP - TSF2421 | | | | |
| DRAWING/PART NO: 3-0372 | | | | |

M:\Drawings\Part Numbers\03-0372.iam

BATTERY CABLES - 32-0065

POSITIVE: 30"

(1) 32-0097

(1) 32-0744

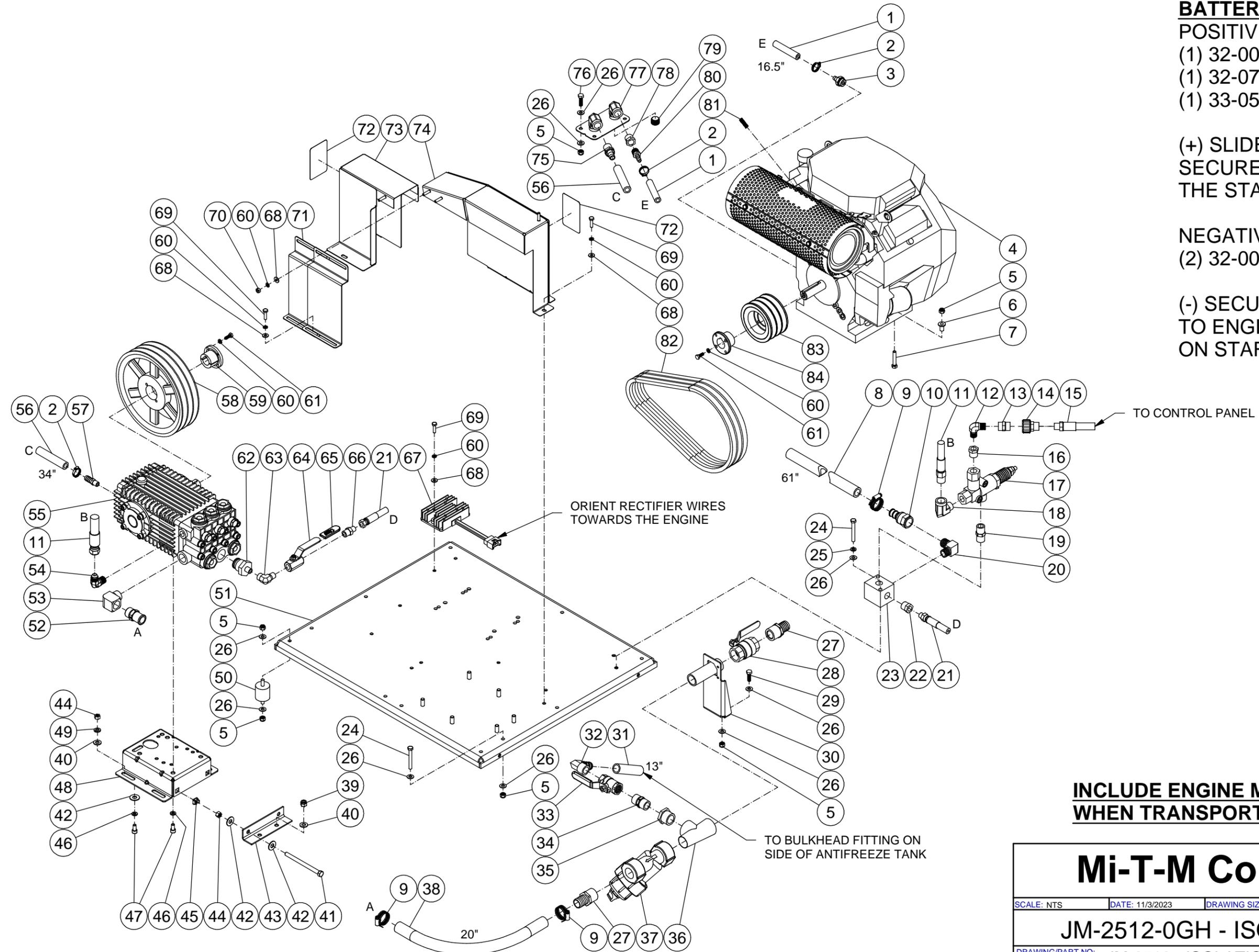
(1) 33-0508

(+) SLIDE 33-0508 ONTO CABLE
SECURE 32-0097 TERMINAL TO
THE STARTER TERMINAL

NEGATIVE: 28"

(2) 32-0097

(-) SECURE 32-0097 TERMINAL
TO ENGINE MOUNTING BOLT
ON STARTER SIDE.



**INCLUDE ENGINE MANUAL ON PLATE
WHEN TRANSPORTING TO P BUILDING**

Mi-T-M Corporation

SCALE: NTS DATE: 11/3/2023 DRAWING SIZE: B APPD: DRAWN BY: ADR

JM-2512-0GH - ISOLATION PLATE

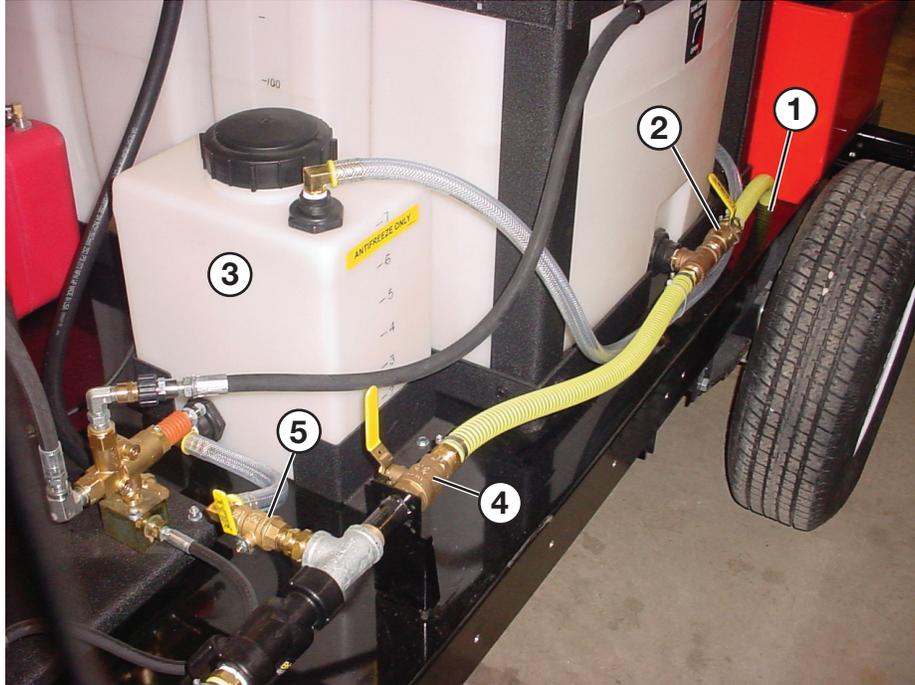
DRAWING/PART NO: JM-2512 - ISOLATION PLATE

Winterizing

For storage and transportation purposes in subfreezing ambient temperatures, it will be necessary to winterize this unit. This unit must be protected to the lowest incurred temperature for the following reasons:

- a. If any part of the pumping system becomes frozen; excessive pressure may build up in the unit which could cause the unit to burst resulting in possible serious injury to the operator or bystanders.
- b. The pumping system in this unit may be permanently damaged if frozen. **FREEZE DAMAGE IS NOT COVERED BY WARRANTY.**

If you must store your unit in an area where the temperature may fall below 32°F, you can protect your unit by following the procedure outlined below:



Fill Anti-freeze tank [3] with solution.

1. After operation, empty the 200 gallon tank by opening valve [2] allowing water to run to the drain [1].
2. Close fresh water inlet valve [4].
3. Remove high pressure nozzle. Connect water supply to the high pressure hose using the interconnection coupler provided.
4. Turn 3-way ball valve [6] to direct flow to the 200 gallon supply tank.
5. Start engine and let it idle.
6. Open anti-freeze outlet valve [5]. Anti-freeze will begin to flow through the system.
7. Rotate 3-way ball valve [6] as soon as anti-freeze flows into the clear hose going to the 200 gallon tank. Anti-freeze will then flow into the anti-freeze tank. Once anti-freeze solution reaches 3-way ball valve [6] and clear hose,
8. Shut off engine.

Use the following steps to return to normal operation after winterizing your equipment.

1. Close drain valve [2].
2. Close anti-freeze outlet valve [5].
3. Split the connection between the supply hose and high pressure hose.
4. Run the inlet water to the inlet hose – using the 3-way ball valve, allow antifreeze from the hose back into the antifreeze tank – once fresh water appears move the 3-way ball valve [6] to direct the fresh water into the 200 gallon supply tank.
5. Open fresh water inlet valve [4].
6. After 200 gallon tank is filled, system is ready for NORMAL operation.

NOTE: Owner should monitor dilution and level of anti-freeze for maximum protection.



Note: #6 is located in between hose reels