



# Harsco Track Technologies

Harsco

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## SERVICE BULLETIN MAINTENANCE OF WAY EQUIPMENT

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**DATE:** 10-26-2005 **BULLETIN NO:** 05-017

**TITLE:** 2011683 PRINTER GROUP

**RATING:**

<input type="checkbox"/>	<b>DIRECTIVE</b> (Action Is Required)	<input type="checkbox"/>	<b>ALERT</b> (Potential Problem)
<input type="checkbox"/>	<b>INFORMATION</b> (Action Is Optional)	<input checked="" type="checkbox"/>	<b>PRODUCT IMPROVEMENT</b> (Enhance Product)

**PRODUCT SERIES / MODEL:** 6700S Tamper with Jupiter Control System

**SERIAL NO:** All 6700S Models with Jupiter Control System

**SUMMARY:** A Printer Group HTT part #2011683 is now available to provide printing capabilities of curve plots on 6700S Tampers with Jupiter Control Systems.

**OPERATIONAL IMPACT:** Provide printing capabilities of curve plots on 6700S Tampers with Jupiter Control Systems.

**ACTION:** Order and install one HTT #2011683 Printer Group per machine. The Printer Group includes a Printer, Printer Stand, Power Inverter, and necessary cables and wires. An upgrade of the JAM Box software may be required depending upon the software version currently installed.

**CONTACT:** If you have any questions or if we can be of any service, please contact Eugene Russell at the Ludington, MI. facility, 231-843-3431.

**SAFETY INFORMATION**

- n FOLLOW APPLICABLE RAILROAD LOCKOUT - TAGOUT PROCEDURE TO REMOVE ALL ENERGY SOURCES FROM MACHINE. FAILURE TO COMPLY COULD RESULT IN SEVERE BODILY INJURY.**

**PRINTER GROUP INSTALLATION**

- See Application Drawing #2011683 Sheet 1 and Sheet 2

1. Inside of the JAM Box Electrical Enclosure, place covers over both the JAM Box and the Servo Controller Board to keep from getting drill shavings in them.
2. Drill four #19 (.166) inch diameter holes inside of the JAM Box Electrical Enclosure per the dimensions shown on Sheet 2.
3. Clean up all of the drill shavings inside of the JAM Box Electrical Enclosure and remove the covers from both the JAM Box and the Servo Controller Board.
4. Mount the Power Inverter (10) inside of the Electrical Enclosure using four sandwich mounts (11), four #10 flat washers (12) and four #10-32 lock nuts (13).
5. Cut the Wire (16) to the lengths needed and wire the Power Inverter (11) to the Overhead Panel per the Wiring Instructions. Be sure to label the Wires with the designated wire numbers using Wire Markers (15).
6. Mount the Printer / Paper Holder Stand (2) to the top of the JAM Box Electrical Enclosure using four 1/4"-20 x 3/4" hex head cap screws (6), eight 1/4" flat washers (7) and four 1/4"-20 hex lock nuts (8).
7. Install the Printer Pads (5) in the Printer / Paper Holder Stand (2) trays.
8. Cut the Side Cushion Trim (4) to the lengths needed and install on the edges of the Printer / Paper Holder Stand (2).
9. Set the Printer (1) in the top tray of the Printer / Paper Holder Stand (2). The bottom tray will be used for Paper storage (not provided).
10. Install the Trim Seal (14) around the opening in the side of the JAM Box Electrical Enclosure.
11. Connect the Printer Cable (3) to the Printer Port of the Printer (1), route through the opening on the side of the JAM Box Electrical Enclosure and connect to the Parallel Port of the JAM Box (Can:01).
12. Route the AC Power Cable of the Printer (1) through the opening on the side of the JAM Box Electrical Enclosure and plug in to the Power Inverter (10).
13. Secure the Printer Cable (3) and Power Cable of the Printer (1) to the top of the JAM Box Electrical Enclosure using one Clamp (9) on the rear Cap Screw (6) that mounts the Printer / Paper Holder Stand (2).
14. Turn on the machine electrical system.
15. Start the machine engine.
16. Boot-up the Jupiter Control System.
17. Check the operation of the Printer by attempting to print a curve plot.
18. If the Printer does not print the curve plot, verify the current software version of the Jupiter Control System. Contact HTT with the current software version to determine if the software needs to be upgraded to later version for the Printer to operate.

**2011682 PRINTER GROUP PARTS LIST**

- See Application Drawing #2011683 Sheet 1 and Sheet 2

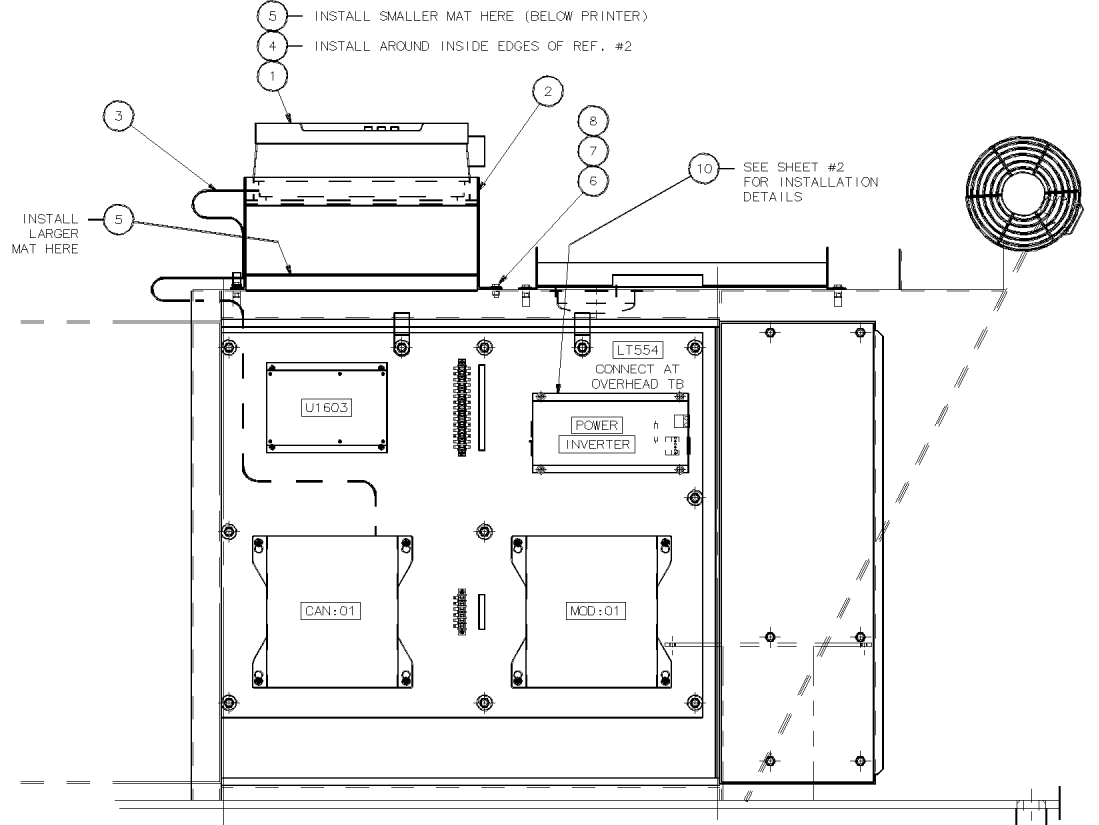
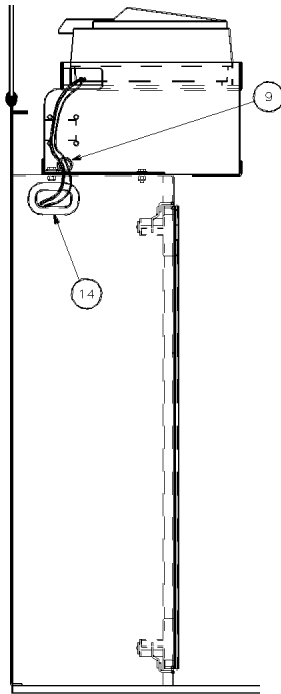
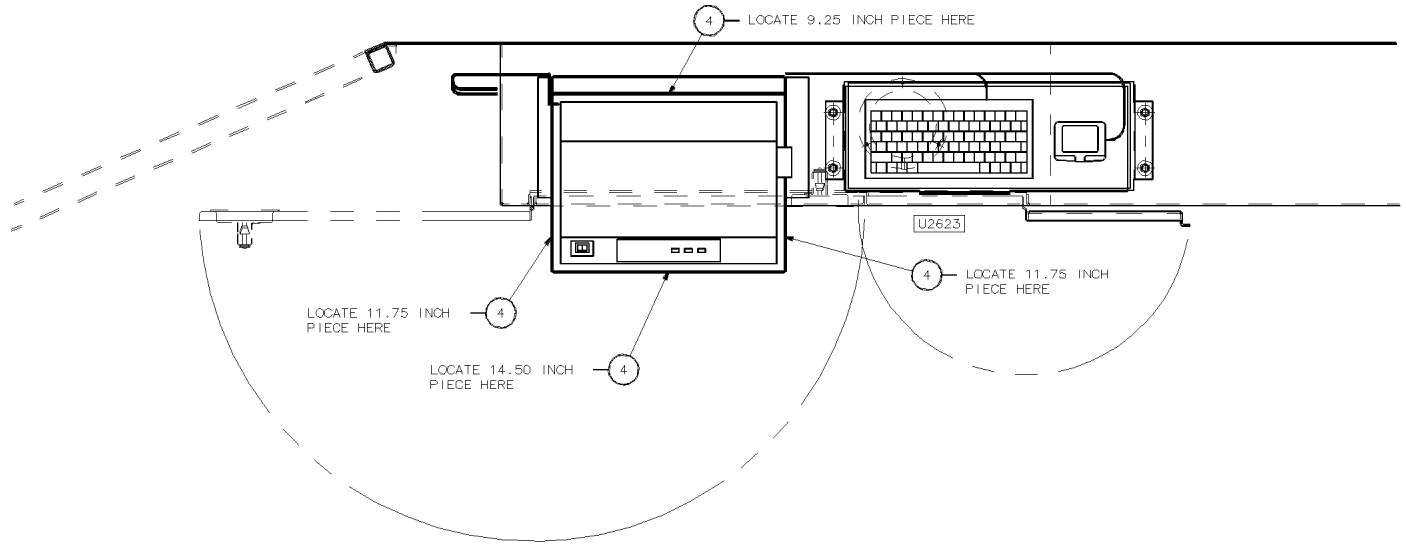
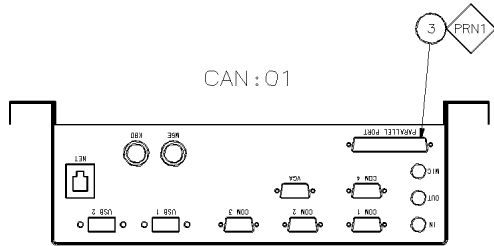
ITEM	PART NO	DESCRIPTION	QTY
1	351118-1	Printer . . . . .	1
2	412674-1	Printer / Paper Holder Stand . . . . .	1
3	252693-1	Printer Cable . . . . .	1
4	2011685	Printer Tray Side Cushions . . . . .	1
5	2011684	Printer Pads . . . . .	1
6	250010-3	Cap Screw, Hex Head 1/4"-20 x 3/4" Long . . . . .	4
7	150973-2	Washer, Plain 1/4" . . . . .	8
8	153140-420	Lock Nut, 1/4"-20 Grade 5. . . . .	4
9	3780	Clamp . . . . .	1
10	351193-1	Power Inverter. . . . .	1
11	2009897	Sandwich Mount, #10-32. . . . .	4
12	150987-9	Washer, #10 Plain Wrought . . . . .	4
13	153140-1032	Lock Nut, #10-32 Grade 5. . . . .	4
14	2011687	Trim Seal. . . . .	1
15	253820-1	Wire Markers. . . . .	6
16	156621-1	Wire . . . . .	20 ft
17	2011683-DWG	Drawing, Sheet 1 and Sheet 2 . . . . .	1

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<p>S10003155</p> <p>DATE</p> <p>26AUG05</p> <p>BY</p> <p>MONTH/YEAR</p>	<p>DESCRIPTION</p> <p>CONVERSION, PRINTER 6700S JUPITER</p> <p>DATE</p> <p>26AUG05</p> <p>SCALE</p> <p>.25=1</p>	<p>MATERIAL</p> <p>SEE SEPARATE B/W</p>	<p>DESCRIPTION</p> <p>CONVERSION, PRINTER 6700S JUPITER</p> <p>DATE</p> <p>26AUG05</p> <p>SCALE</p> <p>.25=1</p>	<p>MATERIAL</p> <p>SEE SEPARATE B/W</p>	<p>LUDINGTON, MI</p> <p>DRAWING NUMBER</p> <p>1010019, -</p> <p>SHEET 1</p> <p>OF 2</p>		

