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## SERVICE BULLETIN MAINTENANCE OF WAY EQUIPMENT

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**DATE:** 10-5-2010 **BULLETIN NO:** 10-010

**TITLE:** CRUSHED JUPITER NETWORK CABLE

**RATING:**

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

**PRODUCT SERIES / MODEL:** 6700S Tampers

**SERIAL NO:** All Models With Jupiter Control System

**SUMMARY:** The potential exists for a Jupiter network cable to be pinched and crushed that could cause intermittent failure of the Jupiter network operation.

**OPERATIONAL IMPACT:** Any Jupiter network modules located downstream of the crushed cable on the machine will generate a "dead module" message.

**ACTION:** Inspect the Jupiter network cable that is suspected for damage and replace if necessary. Install cable clips and secure the cable to prevent it from moving to a location where it could be pinched and crushed.

**CONTACT:** If you have any questions or if we can be of any service, please contact:  
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Ludington, MI Facility  
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**SAFETY INFORMATION**

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

**SERVICE BULLETIN INSTRUCTIONS** - See Figures 1, 2 and 3

1. The Jupiter network cable (A) that needs to be inspected is NET08-09 which is the purple cable going from CAN08 mounted on the engine shroud to CAN09 mounted on the fuel tank. This cable runs between the fuel tank and the frame of the machine.
2. It is possible that this cable can slip down between the fuel tank and the frame and get pinched. With the action of the fuel tank while the machine is working, the cable can be crushed. If this crushing is severe, it could cause conductors inside the cable to short together and cause Jupiter network issues.
3. Disconnect the cable from CAN09 and pull it out for inspection. If there is evidence of crushing anywhere along the cable, it should be replaced.
4. When re-installing the existing (A) or new cable (5), route and secure the cable using the two cable clips (1), screws (2), lock washers (3) and flat washers (4) as shown, to prevent the cable from sliding down between the fuel tank and frame. It will be necessary to drill two pilot holes in the machine frame to install the two #10 mounting screws (2).

FIGURE 1  
NETWORK CABLE SUSPECTED

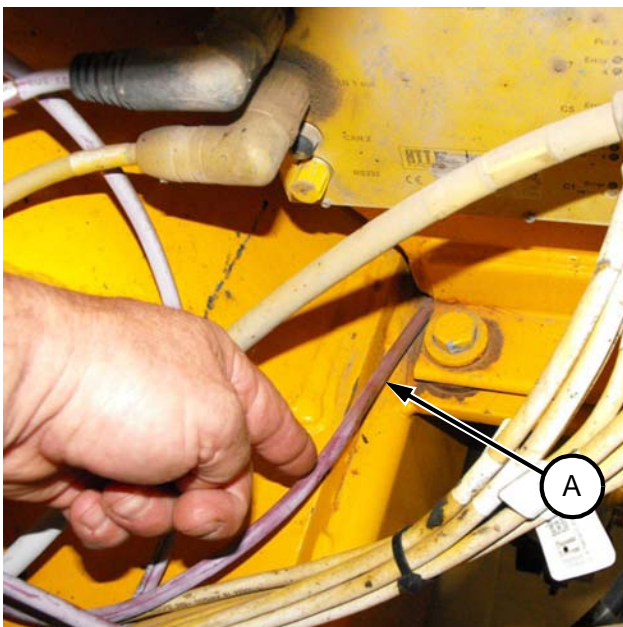
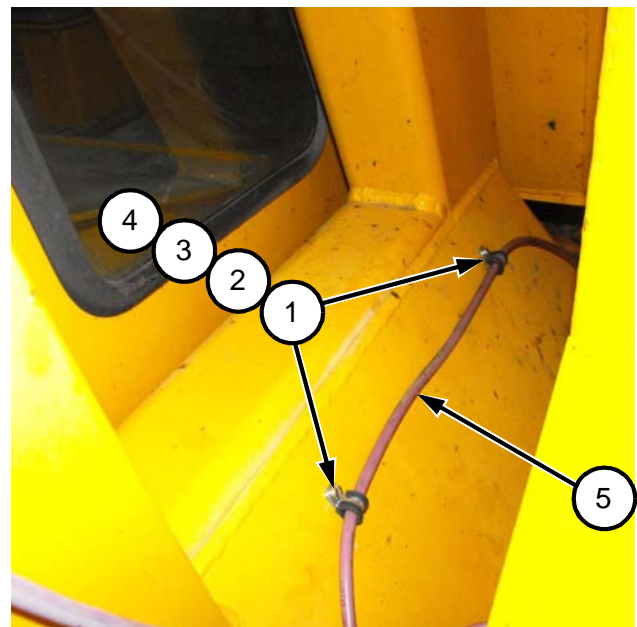
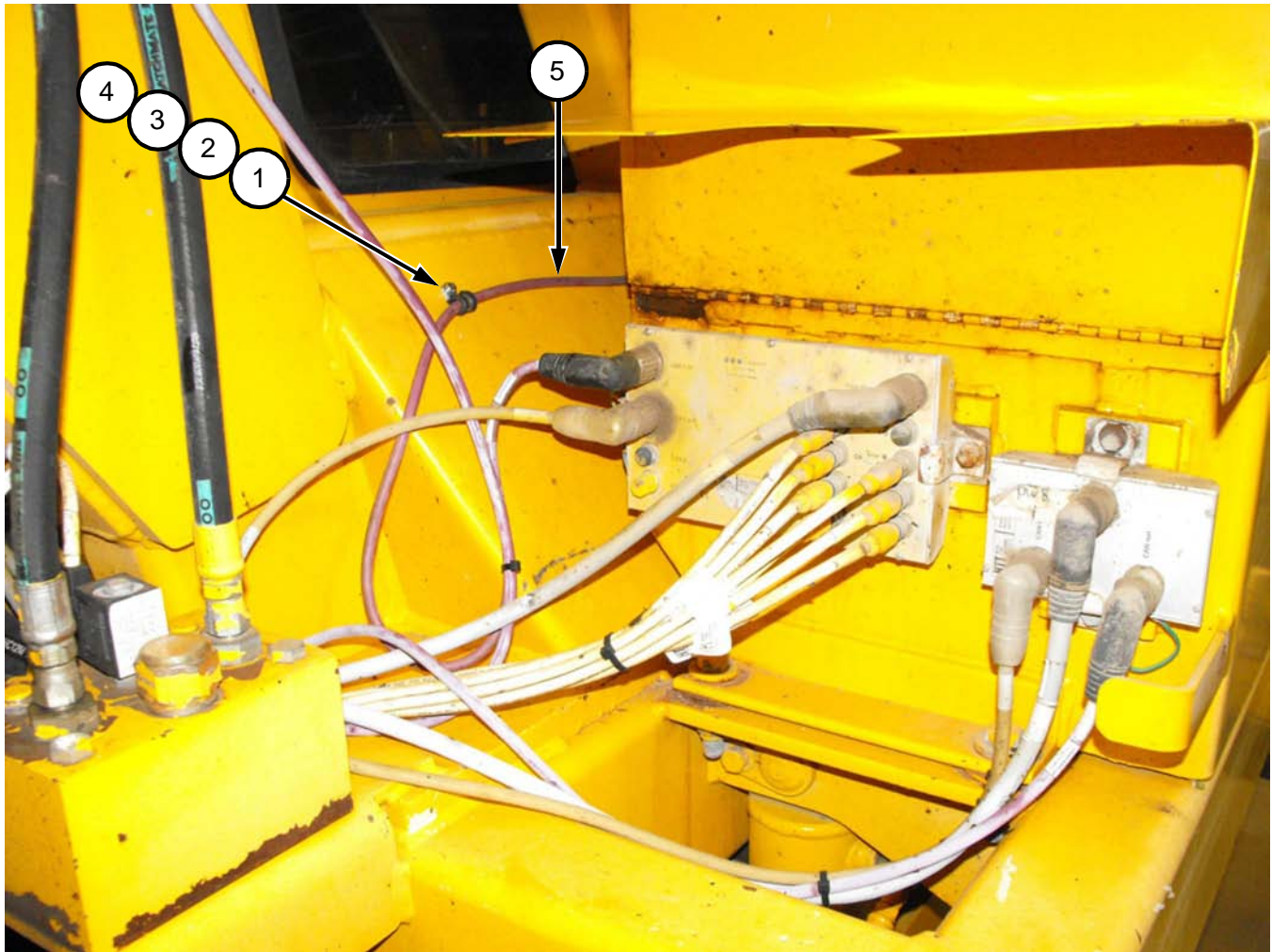


FIGURE 2  
NETWORK CABLE SECURED



**SERVICE GROUP PARTS LIST - See Figure 3**

**FIGURE 3  
SERVICE GROUP PARTS**



ITEM	PART NO	DESCRIPTION	QTY
1	1921	Cable Clip. . . . .	2
2	250046-214	Screw, Pan Head, #10-32 x 5/8" . . . . .	2
3	150988-7	Washer, Lock . . . . .	2
4	150987-9	Washer, Plain . . . . .	2
5	2006480	Network Cable, 7M. . . . .	1

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