



# Harsco Track Technologies

Harsco

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## SERVICE BULLETIN MAINTENANCE OF WAY EQUIPMENT

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**DATE:** 11-2007 **BULLETIN NO:** 07-012

**TITLE:** Q-TERM FALL BACK MODE PANEL

**RATING:**

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

**PRODUCT SERIES / MODEL:** RGH10 SERIES C RAIL GRINDERS

**SERIAL NO:** RGH10 Models C1-33 / 34 / 35 / 36 / 39 / 40 / 41 / 42 / 43 / 44  
RGH10 Models C2-26 / 27 / 28 / 29 / 32 / 33  
RGH10 Models C3-27

**SUMMARY:** The above machines have an Emergency Pump Button on the Fall Back Mode Panel of the Q-Term that is not illustrated or explained in the Operator's Manual. If the JAM Module stops communicating with the Jupiter Network, the machine automatically goes into a Fall Back Mode. In the Fall Back Mode, the operator can connect the Q-Term and use the Fall Back Mode Panel to lateral shift and angle adjust the grinding heads, to lock or unlock the grinding carriage and all grinding heads, and to raise or lower the grinding carriage.

**OPERATIONAL IMPACT:** To inform the operator about the use of the Emergency Pump Button on the Fall Back Mode Panel of the Q-Term.

**ACTION:** Follow the Instructions in this Service Bulletin to use the Fall Back Mode Panel of the Q-Term.

**CONTACT:** If you have any technical questions or if we can be of any service, please contact Ned Walker at the Columbia, SC facility.  
phone: 803-822-4843.  
e-mail: nwalker@harscotrack.com

**FALL BACK MODE** - See Figures 1 and 2

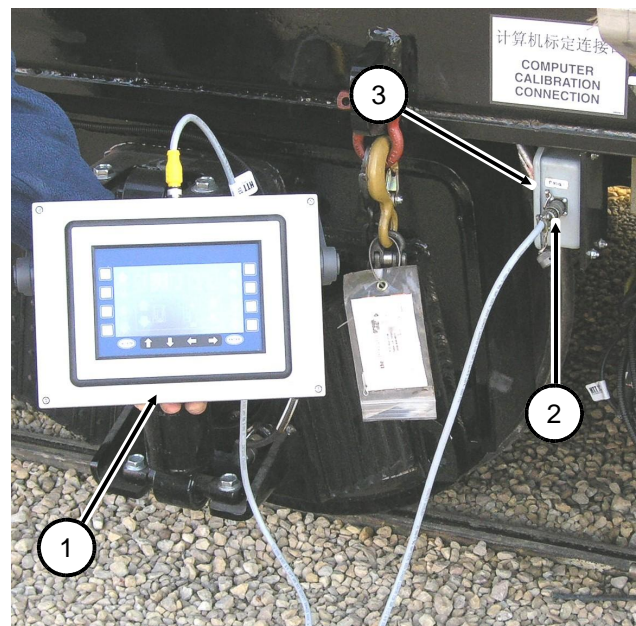
If the JAM Module stops communicating with the Jupiter Network, the machine automatically goes into a Fall Back Mode. In the Fall Back Mode, the operator can connect the Q-Term and use the Fall Back Mode Panel to lateral shift and angle adjust the grinding heads, to lock or unlock the grinding carriage and all grinding heads, and to raise or lower the grinding carriage.

1. To use the HTT Q-Term (1) in the Fall Back Mode, attach the Q-Term cable (2) to the connection (3) on either side of the machine. The Fall Back Mode Panel will be displayed on the Q-Term screen.

*Note: The Q-Term commands only effect the 5 grinding heads on the side of the machine which the Q-Term is connected to.*

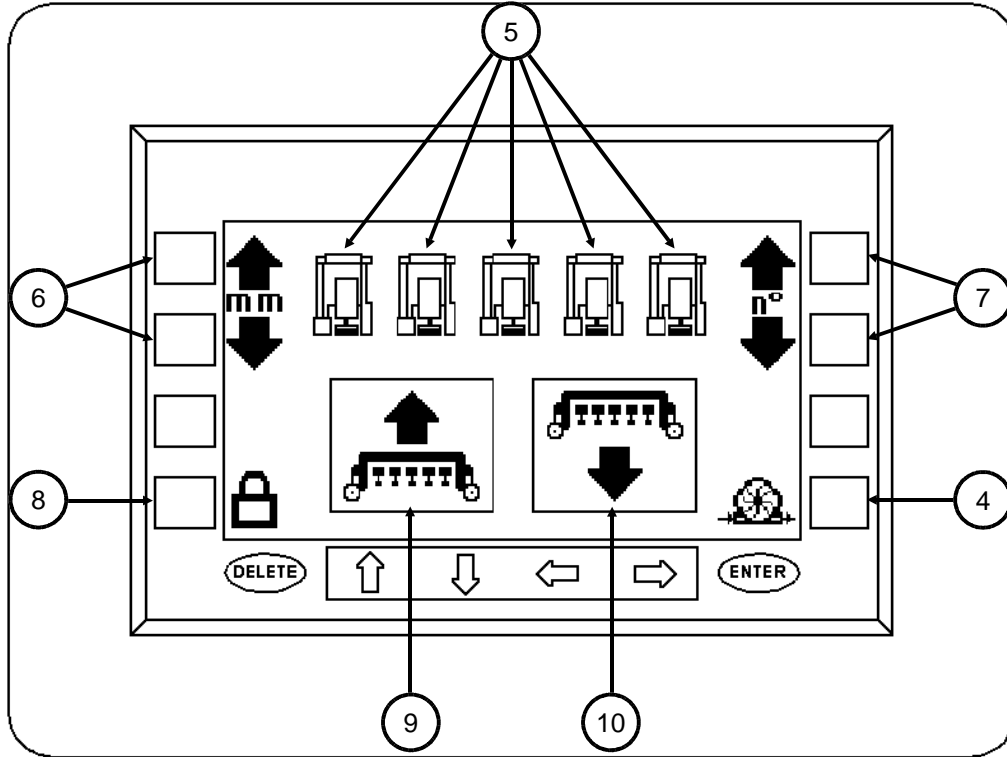
2. Use the Buttons on the Q-Term Fall Back Mode Panel as follows:
  - a. Press the Emergency Pump Button (4) to turn on the emergency pump. The pump will remain on until the Button is pressed again to shut off the pump.  
**Important:** DO NOT operate the emergency pump continuously for an extended period of time as the pump could over-heat and be damaged.
  - b. Press the Grinding Head Buttons (5) to select the desired grinding head.
  - c. Press the Arrow Buttons (6) to lateral shift the selected grinding head.
  - d. Press the Arrow Buttons (7) to angle adjust the selected grinding head.
  - e. Press the Lock Button (8) to lock or unlock all carriage and grinding head locks.
  - f. Press the Carriage Raise Button (9) to raise the grinding carriage.
  - g. Press the Carriage Lower Button (10) to lower the grinding carriage.
3. Disconnect the Q-Term and reconnect it to the connection on the other side of the machine to move the grinding heads on the other side of the machine using the same procedure.
4. After using the Q-Term in the Fall Back Mode, disconnect the Q-Term. Store the Q-Term in a secure location to prevent damage.

FIGURE 1  
Q-TERM AND CONNECTION



FALL BACK MODE

FIGURE 2  
Q-TERM FALL BACK MODE PANEL



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