

CARCO SERVICE BULLETIN

LIT2261 R3
October 2008

Electronic Joystick Replacement for All Carco Electronic Controls

PACCAR Winch Division is pleased to announce the release of a new electronic joystick, P/N 107640, for field replacement of the existing joystick, P/N 102600. The new joystick provides a more user-friendly unit, allowing for more serviceability should issues arise in the field.

This new controller is available in various units. In order to replace a 102600 joystick in the field with the new part, order Joystick Service Kit, P/N 63891. The 63891 kit contains the following items:

<u>P/N</u>	<u>DESCRIPTION</u>	<u>QTY</u>
107640	CONTROLLER, DUAL AXIS	1
106448	ADAPTER RING	1
101817	CAPSCREW, HEX SOCKET HD (#10-24 X 1/2 in.)	8
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Installation Instructions:

1. Remove existing joystick from tractor console.
2. Locate new joystick in opening and orient as needed for proper operation. Ensure the lever movement in the REEL-IN / REEL-OUT functions matches the previous installation. The REEL-IN function will be located in the direction of forward tractor travel.
3. Locate the position of the adapter ring relative to the joystick. The notch in the bore of the ring should be located relative to the position of the wiring harness attached to the joystick.
4. Grind a notch in the existing mounting plate to match the notch position in the adapter ring to provide clearance for the harness.
5. Install the adapter ring to the mounting plate using four (4) capscrews.
6. Install the joystick to the adapter ring using four (4) capscrews.
7. Connect the joystick to the main wiring harness and test in each function.

NOTE: The joystick lever may be pivoted $\pm 22^\circ$ vertically from nominal by the gimball clamp screws at the top end of the housing. Adjust to suit, then retighten the clamp screws. (9/64" Allen wrench required)

