

FIFTH WHEELS

OEM INSTALLATION INSTRUCTIONS



Dash Mount



Electronic Lock Indicator*

For XA-351, XA-331 and XA-311 Series Fifth Wheel Top Plates with Holland factory-installed sensors

12- and 24-volt system

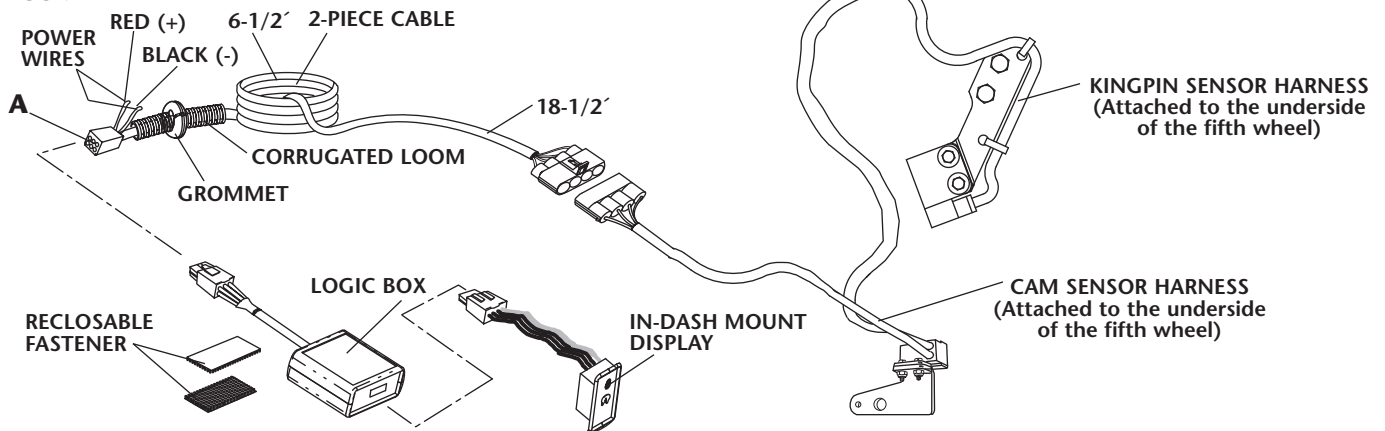


The electronic lock indicator is a tractor/trailer fifth wheel coupling aid and is intended as an additional safety check to assure the driver of a safe and complete coupling. It does not eliminate the requirement for a visual inspection of the fifth wheel.

WARNING ALWAYS GET OUT OF THE TRACTOR CAB AND VISUALLY INSPECT THE FIFTH WHEEL COUPLING!

THE ELI™ SYSTEM

FIGURE 1



INSTALLATION PROCEDURES

1. *Sensors are installed on the fifth wheel at Holland Hitch Company:* Install Holland fifth wheel with Electronic Lock Indicator.
2. *Install the logic box behind the dash, and install the remote display in the dash:* Install the in-dash display module (22mm x 44mm cutout recommended) where it can be easily viewed. Mount the logic box in an area behind the dash where it will be readily accessible. Make sure the location allows connection to the display module pig tail. The reclosable fastener can be used to mount the box. Clean the box and mounting surface with isopropyl alcohol and allow to air dry. Route the cable coming from the logic box

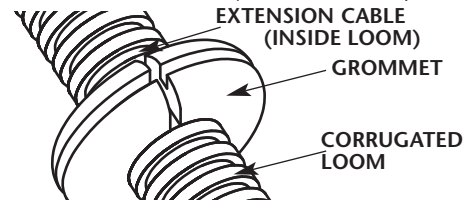
to where the end of the 6-1/2' cable will be located.

FIGURE 2

3. Cut one slit into the grommet. (See FIGURE 2.)
4. Wrap the grommet around the extension cable in the approximate location where it will enter the cab. (See FIGURE 3.)



FIGURE 3



* U.S. Patent #5861802, D442971, 6285278, and other patents pending.

INSTALLATION PROCEDURES *continued*

5. Drill a $\frac{13}{16}$ " diameter utility hole in the cab making sure that there are no obstructions near the drilling area.
6. Run the end (A) of the extension cable with the power wires (see **FIGURE 1**), through the utility hole and into the cab.

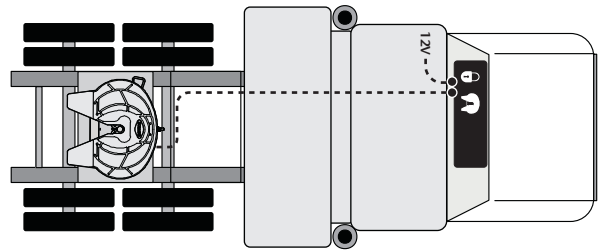
CAUTION

Failure to connect a voltage source that matches the specification on the box will result in a damaged and inoperable logic box.

7. Connect the two power wires from the extension cable to a 12- or 24-volt power supply. (The logic box is marked with 12- or 24-VDC.) Be sure to connect the RED wire with the fuse to the positive (+) terminal, and the BLACK wire to the ground (-) terminal.
8. Connect the extension cable to the ELI display box cable inside the cab.
9. Press the grommet into position in the utility hole. Apply sealant to the grommet and extension cable to prevent moisture intrusion into the cab.
10. Route the extension cable from the cab to the fifth wheel. See **FIGURE 5**.

11. Route the wire clear of pinch points.

FIGURE 5



NOTE: For sliding fifth wheels, be sure to leave enough slack for travel and route the wire clear of pinch points. It can be helpful to route the wire through an existing coiled air line.

12. Secure the extension cable so that it is free of interference from the fifth wheel articulation, brake lines, light cord, drive line etc.
13. Connect the extension cable to the sensor harness on the fifth wheel.
14. Check the operation of the fifth wheel and the Electronic Lock Indicator using lock adjustment tool TF-TLN-5001.

For operating instructions, see Holland publication XL-FW389-XX.

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Holland USA, Inc. Facilities:

Dumas, AR Muskegon, MI
Holland, MI Warrenton, MO
Monroe, NC Wylie, TX

Ph: 888-396-6501 Fax: 800-356-3929

Holland International, Inc.

Holland, MI
Phone: 616-396-6501
Fax: 616-396-1511

Holland Hitch of Canada, Ltd.

Woodstock, Ontario • Canada
Phone: 519-537-3494
Fax: 800-565-7753

Holland Equipment, Ltd.

Norwich, Ontario • Canada
Phone: 519-863-3414
Fax: 519-863-2398

Holland Hitch Western, Ltd.

Surrey, British Columbia • Canada
Phone: 604-574-7491
Fax: 604-574-0244