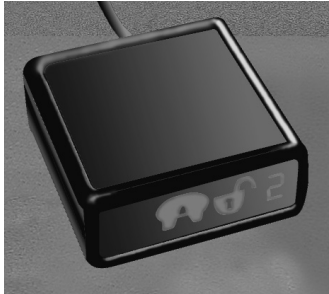




FIFTH WHEELS

INSTALLATION INSTRUCTIONS



Dash Mount



Electronic Lock Indicator*

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

12- and 24-volt system



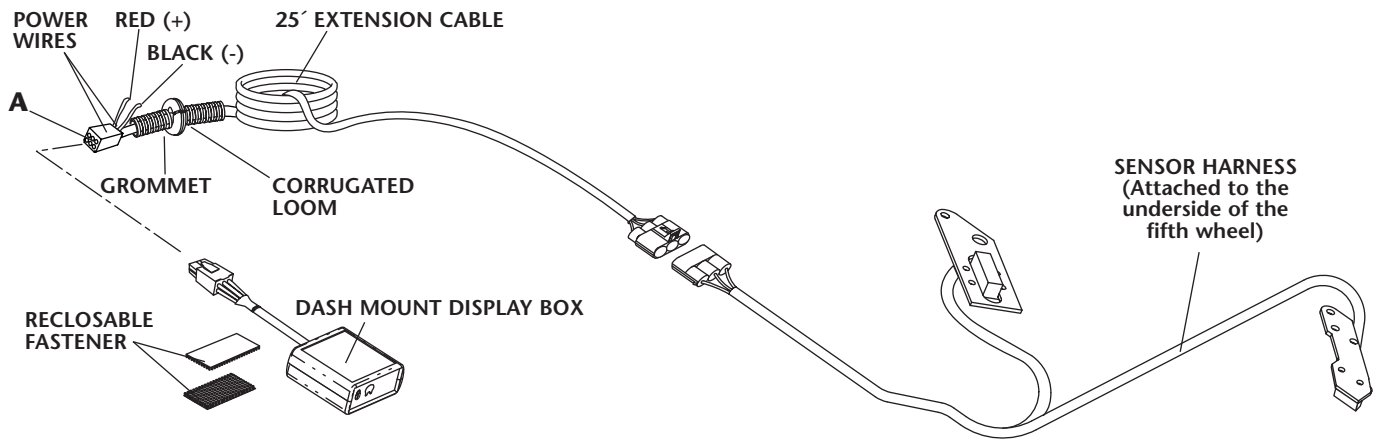
The electronic lock indicator is a tractor/trailer fifth wheel coupling aid and is intended as an additional safety check to assure the driver of a safe and complete coupling. It does not eliminate the requirement for a visual inspection of the fifth wheel.

WARNING

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

THE ELI™ SYSTEM

FIGURE 1



INSTALLATION PROCEDURES

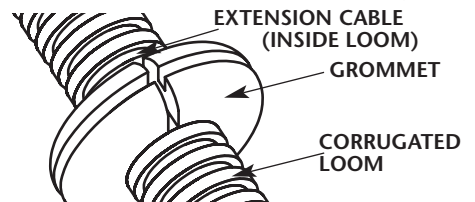
1. **Sensors are installed on the fifth wheel at Holland Hitch Company:** Remove the existing Holland fifth wheel and replace with the Electronic Lock Indicator-equipped fifth wheel.
2. **Install the display box in the cab:** Mount the display box in an area of the cab that is easily visible and accessible to the driver. Clean the display box mounting surfaces with isopropyl alcohol and allow to air dry. Use the adhesive-backed reclosable fastener provided to attach the display box to an appropriate surface. Route the cable coming from the display box inside the cab where the socket end of the 25' foot cable will be located.

3. Install the corrugated loom around the 25' extension cable.
4. Cut one slit into the grommet. (See **FIGURE 2**.)
5. Wrap the grommet around the 25' extension cable in the approximate location where it will enter the cab. (See **FIGURE 3**.)

FIGURE 2



FIGURE 3



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

INSTALLATION PROCEDURES *continued*

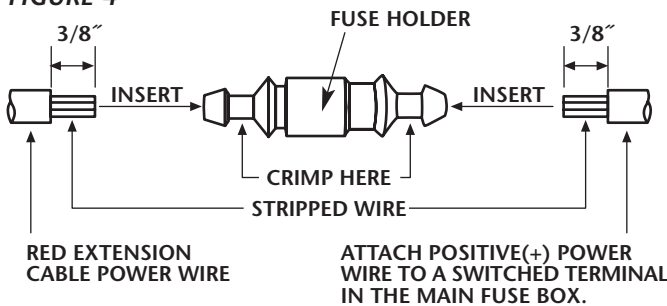
6. Drill a $\frac{13}{16}$ " diameter utility hole in the cab making sure that there are no obstructions near the drilling area.
7. Run the end (A) of the extension cable with the power wires (see **FIGURE 1**), through the utility hole and into the cab.

CAUTION

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

8. Install the 1-amp fuse (see **FIGURE 4**):
 - a. Strip $\frac{3}{8}$ " of insulation from the RED extension cable power wire and from the tractor's positive (+) power wire. It is recommended that a switched terminal in the main fuse box be used so that power is supplied when the ignition is turned on.
 - b. Insert the wires into each end of the fuse holder.
 - c. Crimp each terminal through the fuse holder body.

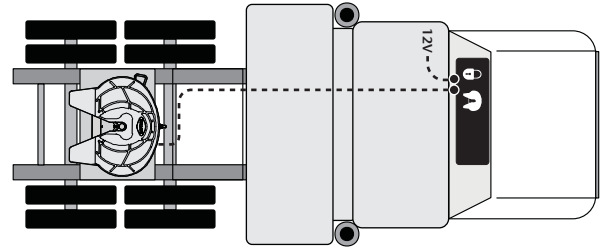
FIGURE 4



9. Connect the two power wires from the 25' extension cable to a 12- or 24-volt power supply. (The back of each display box is marked with 12- or 24-VDC.) Be sure to connect the RED wire with the fuse — as outlined in **STEP 8** — to the positive (+) terminal, and the BLACK wire to the ground (-) terminal.
10. Connect the 25' extension cable to the ELI display box cable inside the cab.
11. Press the grommet into position in the utility hole. Apply sealant to the grommet and extension cable to prevent moisture intrusion into the cab.

12. Route the 25' extension cable from the cab to the fifth wheel. See **FIGURE 5**.
13. Route the wire clear of pinch points.

FIGURE 5

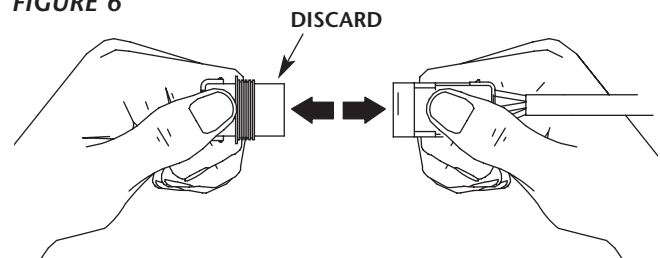


NOTE: For sliding fifth wheels, be sure to leave enough slack for travel and route the wire clear of pinch points. It can be helpful to route the wire through an existing coiled air line.

14. Secure the extension cable so that it is free of interference from the fifth wheel articulation, brake lines, light cord, drive line etc.
15. Remove and discard the protective plug from the connector at the end of the fifth wheel sensor harness as shown in **FIGURE 6**.
16. Connect the 25' extension cable to the sensor harness on the fifth wheel.
17. 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.

FIGURE 6



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