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## Gateway Module Installation Instructions

**Product:** Gateway AI

**Model #:** GTWY401-A1, GTWY501-AI, GTWY401-B1

**Vehicle:** All Gateway vehicle applications

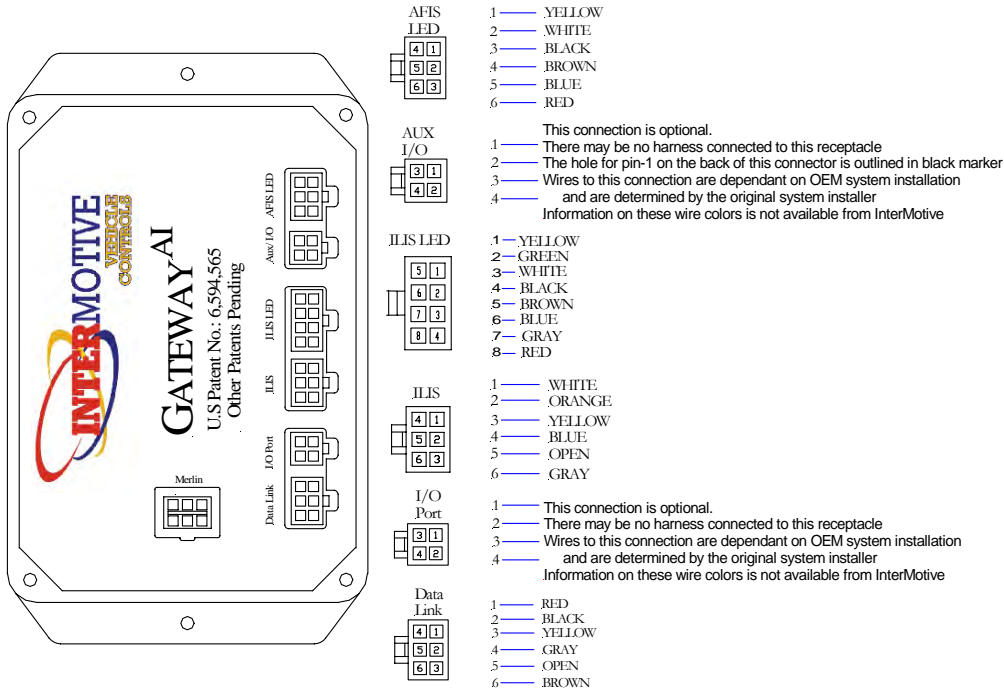
**Issue:** Gateway module replacement.

**Action:** The enclosed module is intended to be a functionally direct replacement for the current module installed, with no change to other system circuitry or other component installation. The installation of the module, and a few other system components, are being reviewed here in order to highlight key steps for installation, and as a reminder of important considerations for system installation. Please review the installation steps and notes listed, and check to see if the original module installation was correct. Changes to the installation should be made to conform to the important steps, locations and procedures noted in these instructions.

### Gateway module installation -

- Ensure that the ignition is in the OFF position.
- Locate the current location of the Gateway module.
- Unplug each of the harness connections from the Gateway module.
  - Note: For some installations, it may be necessary to unmount the module first, before unplugging the connectors.
- Determine if the ambient temperature in the area of the module is at or above 150 °F during system operation. If so, determine the external heat source. This will typically be caused by engine heat if the module is mounted near the engine cover or hot air being supplied by the heater ducts. Relocate the module in an area away from the external heat sources.
  - **Do not** simply match up the number of pins in a harness connector with the number of pins in a module connector receptacle. There are several 6-pin connections on the harness and module that, if swapped, may cause permanent module or vehicle damage.
  - For most applications, the harness will have a colored tape on the module connector end that will identify which module receptacle to plug it in to. The color of the tape on the harness should be matched up to the color of the lettering that identifies the connector receptacles on the module.
  - For applications that do not have the colored tape on the ends of the harness connections (these applications will just have all black tape), match up the identity of the connections with the wire colors and pin-outs on the system diagram.

### Back of harness connectors



## Gateway Module Suggested Mounting – 2009 Ford Econoline



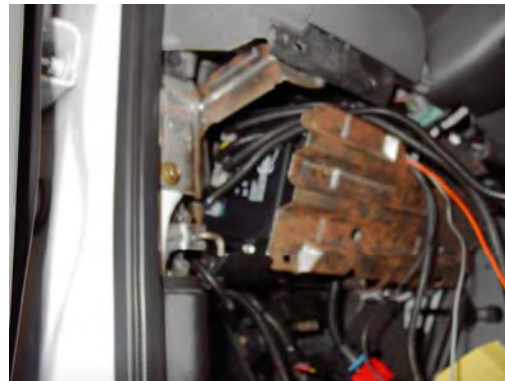
- Mount the Gateway module above the foam knee bolster, which is attached to the lower dash panel.
- Secure the control module using 2-sided foam tape.
- Verify that the harnesses are routed such that the tilt steering column will not contact them in the full down position.
- When installing the harnesses, leave several inches of take out such that the lower dash panel can be removed if necessary.

## Gateway Module Suggested Mounting – 2008-2007 Ford Econoline



- Mount Gateway module above foam knee bolster within area defined by white line.
- Secure the control module using 2-sided foam tape.
- Verify that wires are routed such that the tilt steering column will not contact the wires in the full down position.

## Gateway Module Suggested Mounting – 2005-2006 Ford Econoline



- Mount Gateway module on left side of driver knee bolster bracket.
  - Secure the control module behind the lower dash panel using 2-sided foam tape, self tapping screws, or wire ties.

## GM/Chevy Applications Suggested Mounting

- There are several mounting options, however, the module must not be installed in the direct flow of heater ducts, or too close to the engine compartment, as excessive heat can cause the module to reset.
  - Secure the control module in its mounting location using 2-sided foam tape or screws.

**Check system for proper operation** (see Post-Installation Instructions).

**Technical inquiries** – InterMotive Service Engineering (530) 346-1801