



An ISO 9001:2000 Registered Company

Technical Service Bulletin

TSB # T2007-02

Product: Gateway AI (Fast Idle/Interlock)

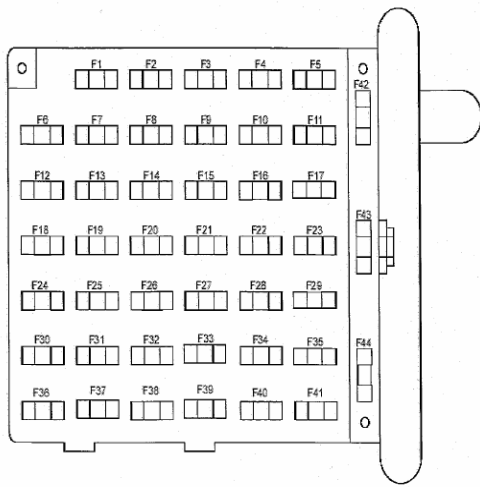
Model #: GTWY401-A1

Vehicles – 2005-2008 Ford E-Series, 2006-2008 GM 6.6L Diesel 610 Chassis, 2008 GM 6.0L Gas 610 Chassis and 2006-2008 GM 6.6L Diesel 560 Chassis.

Issue: On some vehicles, when the Gateway 401 module transitions from its power down mode (ignition off) to its power up mode (ignition on) the module may not wake up. If this action occurs, the module's LED display panels will not prove-out and the backlights on the LED display panels will not illuminate.

Do not perform this TSB if the vehicle does not exhibit the above issue!

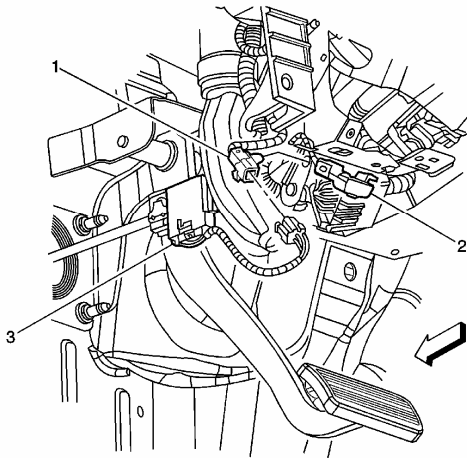
Action: Unplug the Gateway Data Link harness. This harness will have a white 6-pin connector plugged into the Data Link port on the Gateway Module. Wait several seconds, re-plug the harness back into the Gateway module and turn on the ignition. If the module wakes up, (as evidenced by the LED's proving out), proceed with the following actions. If the module does not wake up, there is a different issue present and diagnostics should be performed. Diagnostics are available at www.intermotive.net. Locate the red wire in cavity #1 of the Gateway Data Link harness. Cut this wire about 3-4 inches above the white 6-pin connector. Tape the other cut side of the red wire that runs into the harness and place it back into the split loom. Using solder and heat shrink tubing or tape, extend the red wire to a length of about 2 feet. **Do not use butt connectors.** Connect the newly lengthened red wire to a power source that is hot in "Start & Run" only. Verify that voltage is present only in the "Start & Run" key positions using a voltmeter. Parallel tap into the appropriate hot in "Start & Run" circuit by stripping a section of insulation, soldering and using electrical tape or heat shrink tubing. **Do not cut the OEM circuit.** See suggested sources by vehicle type below.



2005-2008 Ford E-Series:

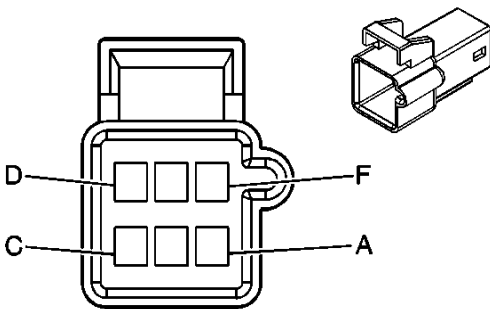
Disconnect vehicle battery. Locate the Red/Yellow wire that runs to Fuse F2.2 (2005-2006) or F2 (2007-2008) (10 Amp) by removing the under dash fuse panel from its mounting bracket. It is located near the parking brake assembly. Rotate the fuse block to view the back. **Do not cut this wire.** Attach the red wire in parallel to this circuit by stripping the insulation, soldering, and taping.

Fuse	Wire Color	Circuit No.	Function
F2.2 or F2	Red/Yellow	640	Hot in Start & Run



2006-2007 GM 6.6L Diesel 610 Chassis:

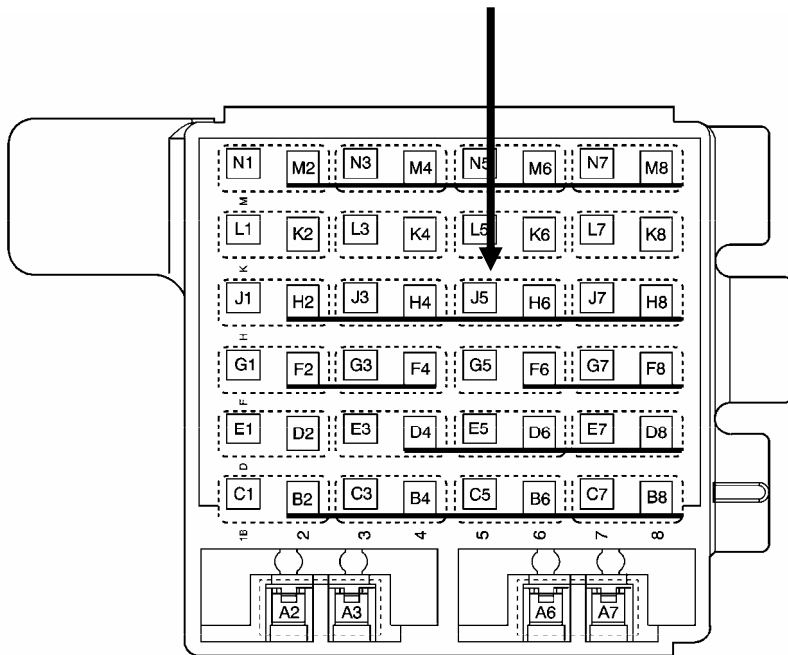
Locate the gray, 6-pin Chevrolet connector behind the left side of the lower dash panel directly behind the park brake release handle. (Arrow 1)



Locate the Pink wire that runs to terminal C of the gray, 6-pin Chevrolet connector. **Do not cut this wire.** Attach the red wire in parallel to this circuit by stripping the insulation, soldering and taping.

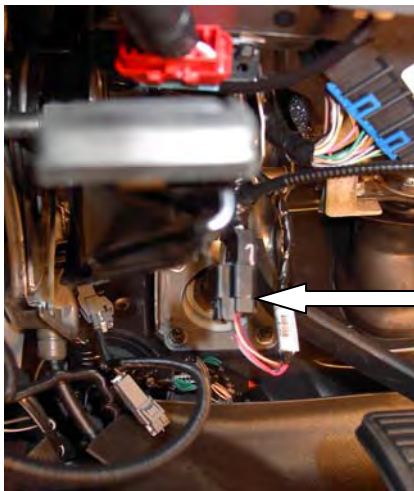
Terminal	Wire Color	Circuit No.	Function
C	Pink	739	Hot in Start & Run

2006-2008 GM 6.6L Diesel 560 Chassis:



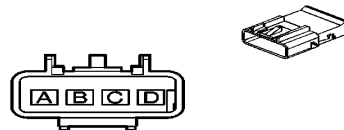
Locate the Pink wire in Cavity # J5 of the #1 instrument panel fuse block. **Do not cut this wire.** Attach the red wire in parallel to this circuit by stripping the insulation, soldering, and taping.

Pin	Wire Color	Circuit No.	Function
J5	Pink	39	Hot in Start & Run



2008 GM 610 Chassis:

- Locate the brake switch harness on the left side of the instrument panel above the parking brake pedal.
- Find the Pink wire in Pin-B of connector X221.
- **Do not cut this wire.** Attach the red wire in parallel to this circuit by stripping the insulation, soldering, and taping.



Pin	Wire	Circuit	Function	Pin	Wire	Circuit	Function
B	0.35 PK	239	Ignition Voltage	B	0.35 PK	239	Ignition Voltage

Inquiries – InterMotive Technical Support (530) 346-1801