

BrakeMax 502 –Installation Instructions

2003-2012 F-Super Duty W/Torqshift Transmission

Be sure the vehicle's battery is disconnected before proceeding with installation.



WARNING
Disconnect the battery to
prevent setting a check engine
light.

It is the installer's responsibility to route and secure all wiring harnesses where they cannot be damaged by sharp objects, mechanical moving parts and high heat sources. Failure to do so could result in damage to the system or vehicle and create possible safety concerns for the operator and passengers.

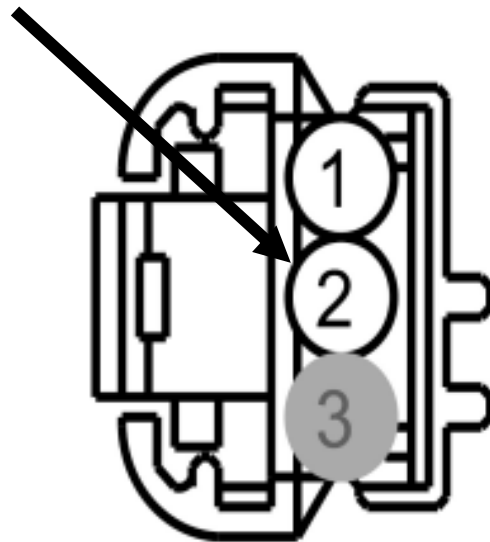
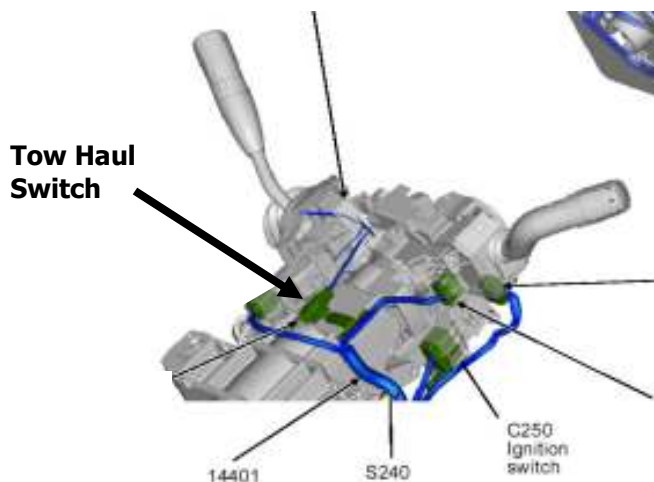
Red Wire – Attach to the protected side of a fuse that is hot in **run and crank** only.

Black Wire – Attach to ground.

Green Wire - Attach to Tow/Haul switch circuit by making a parallel tap. Solder, heat shrink or tape the connection point. See below for circuit location.

2003-2007 - This is a Tan/White wire located at a 3-pin connector under the steering column.

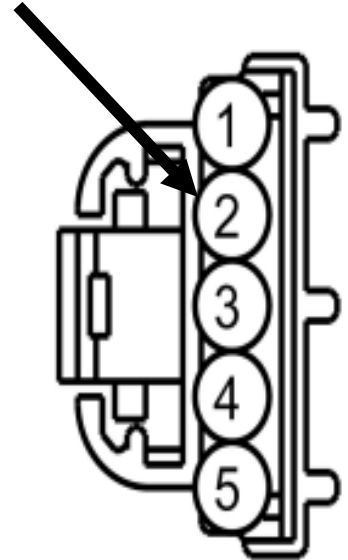
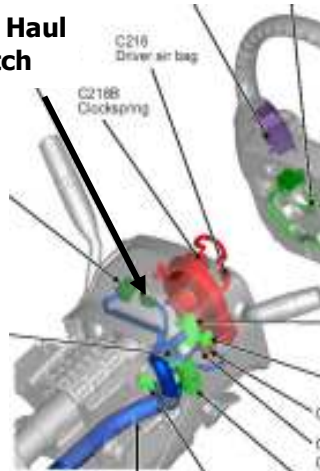
2008-2010 – This is a Brown/Yellow wire (pin-2), located in the 3-pin Tow Haul Switch connector on top of the steering column near the shifter. To access, remove the steering column plastic cover.



BrakeMax 502 Installation Instructions cont.

2011 - 2012 This is a Brown/Yellow wire (pin-2), located in the 5-pin Tow Haul Switch connector on top of the steering near the shifter. To access, remove the steering column plastic cover.

**Tow Haul
Switch**



After installation, the vehicle will normally be in Tow/Haul mode upon initial start up.

Operation:

- When the vehicle is started, tow-haul mode is automatically engaged and the tow-haul light will be on.
 - To deactivate tow-haul mode, press the tow-haul mode button.
- When vehicle is restarted, tow-haul mode will again be automatically reengaged.

See OEM owner's manual for features and benefits of tow-haul mode.