

Service

INFORMATION

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SUBJECT

Throttle switch conversion to a relay, for vehicles built after 10/2000 requiring a Pacbrake

APPLICATION

Ford Powerstroke

Changes made by Ford Motor Co. to the accelerator pedal requires a change from the standard Pacbrake throttle switch to a relay to sense idle position.

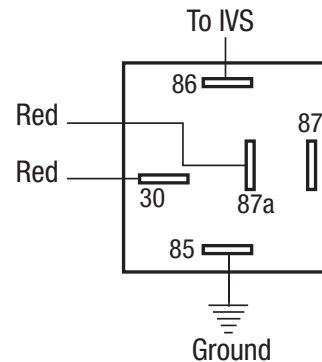
At the throttle pedal locate the I.V.S. (Idle Validation Switch).

NOTE: The IVS connection is critical and must be correct. We recommend using a 12 volt test light to verify the correct wire BEFORE installing the "T" tap. Most common for vehicles built after 10/2000 is a red wire with a green stripe 2nd from the top of the connector, however because of possible production changes, using a test light is the only way to be sure. With the ignition on, probe this wire with the test light first as it should be 12 volt positive with the accelerator pedal to the floor. Release the pedal and the light should go off. If this is correct connect this wire as explained below, if not, probe the remaining wires until you locate the one which has 12 volts positive with the accelerator pedal depressed and no current with the pedal released.

Procedure:

1. Cut the two terminals off the Pacbrake harness which would have gone to the throttle switch.
2. Crimp on the two terminals supplied.
3. Install these wires on relay terminals #30 and #87a.
4. Terminal #85 goes to a good vehicle ground.
5. Terminal #86 goes to the I.V.S.
6. Secure the relay with tystraps supplied.

Please see full schematic on page 2.



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