

1999 to 2002 DODGE 24 VALVE ELECTRONIC

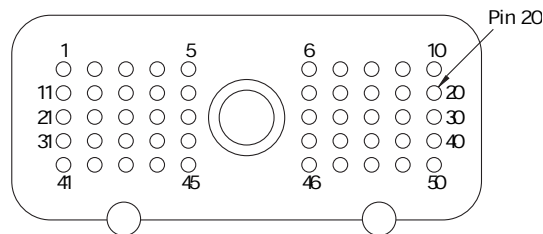
Wiring Supplement

WIRING HARNESS INSTALLATION

- A. In a convenient location on the driver's side of the engine compartment, using the self-tapping screw provided, mount the PACBRAKE relay receptacle with the green ground terminal under the screw head. Install relay.
- B. Route the loomed yellow wire through the firewall grommet into the cab to be connected to the dash switch later.
- C. Route the loomed red and black wires to the PACBRAKE solenoid and connect the red wire to the solenoid.

ECM Connection

- A. Disconnect both negative battery cables.
- B. Remove the two cap-screws that attach the fuel filter head to aftercooler, this should allow enough clearance to access the 50 pin connector.
- C. Locate the 50 pin connector at the ECM, remove the center bolt carefully using a #25 torx.
- D. Locate port #20 and remove the sealing plug.
- E. Insert the black wire of the PACBRAKE harness into pin#20 until it stops, then pull gently to ensure the terminal is locked in place. Prior to reinstalling the 50 pin connector it may be necessary to clean the terminal with a quick dry contact cleaner.
- F. Reinstall the 50 pin connector and tighten the center bolt.
- G. Using the plastic ties supplied secure the PACBRAKE harness to the Dodge main harness. Be sure to follow DRIP LOOP in the Dodge harness when securing the PACBRAKE harness.
- H. Reinstall the fuel filter head to the intake manifold.



PACBRAKE[®]
ENGINE & EXHAUST BRAKES

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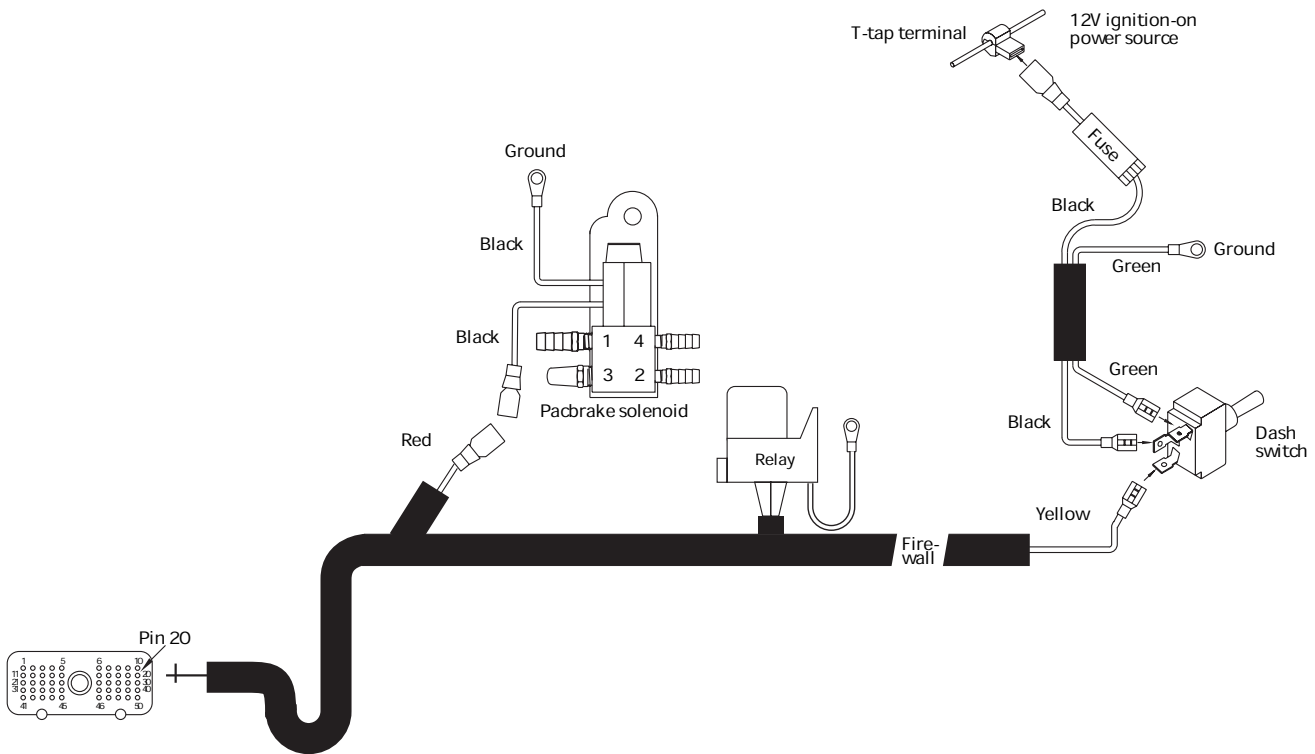
Cab wiring installation

- A. Remove lower dash panel.
- B. Drill a 1/2" hole in a convenient location in the dash for the PACBRAKE dash switch. Consult vehicle operator for preference. The PACBRAKE template is only a suggestion as access is difficult and may not be available due to different options.
- C. Locate the yellow wire placed into the cab earlier and attach to the lower terminal on the PACBRAKE dash switch.
- D. Using the PACBRAKE fuse harness, attach the black wire to the center terminal and the green wire to the upper terminal, install switch in dash.
- E. Locate a good vehicle ground and attach the eye terminal of the green wire.
- F. At the base of the steering column locate the 10 gauge black wire with the white trace and attach the yellow "T-tap" terminal provided. Install the black wire from the PACBRAKE fuse harness. Secure all wires with the ties provided. Reinstall the lower dash panel.

Check operation.

NOTE: The vehicle ECM has a 3 second delay in actuating the exhaust brake.

Wiring Diagram



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