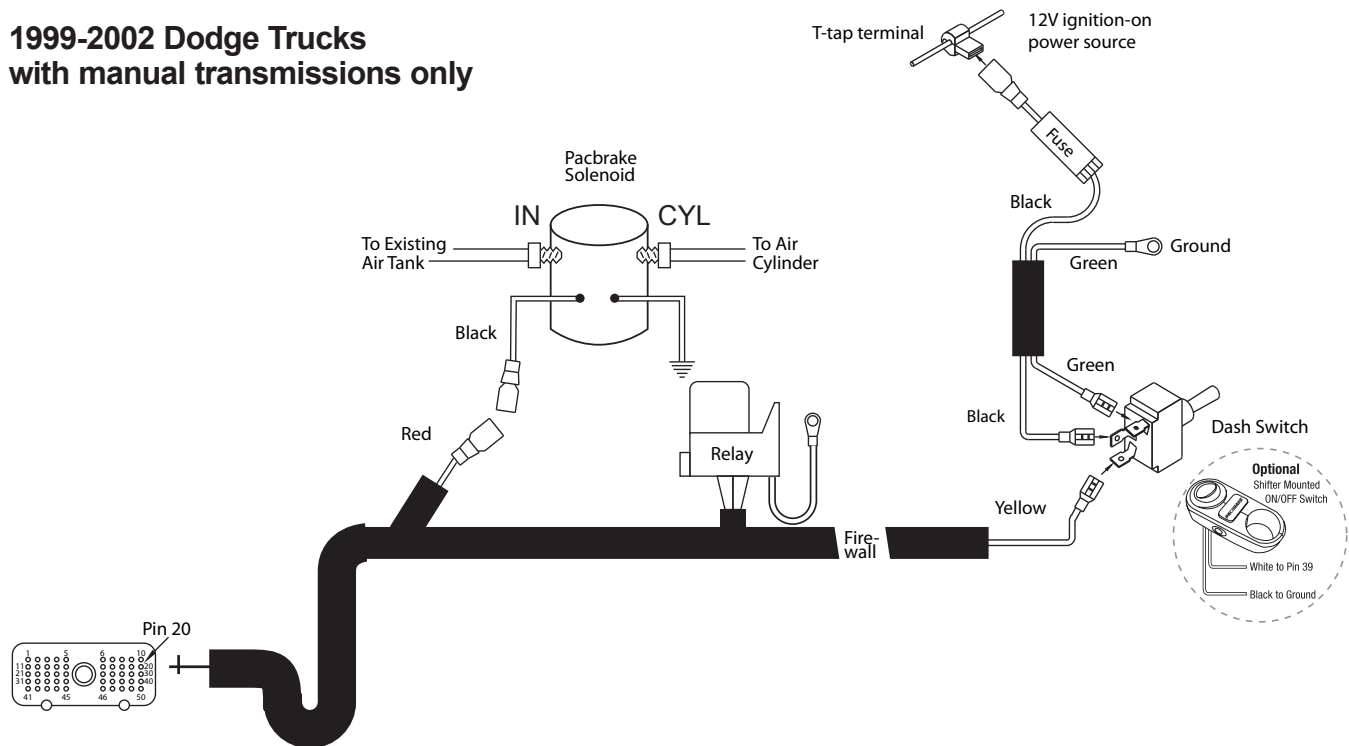


SPECIAL ELECTRICAL INTERFACE WIRING DIAGRAM

**1999-2002 Dodge Trucks
with manual transmissions only**



ELECTRONIC WIRING HARNESS WITH ECM CONNECTION

- 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 capscrews that attach the fuel filter head to intake manifold, this should allow enough clearance to access the 50 pin connector.
- C. Locate the 50 pin connector at the ECM.
- D. Locate port #20 and remove the sealing plug, the plug can be removed with needle nose pliers. Be careful not to push it in.
- 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.
- F. 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.
- G. Reinstall the fuel filter head to the intake manifold.

NOTE: Vehicle ECM has a 3 second delay in activating the exhaust brake.