

NAVISTAR EXHAUST BRAKE

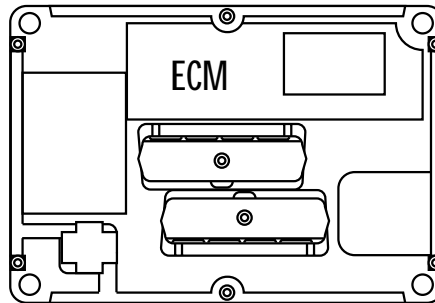
Wiring Supplement

The wiring harness enclosed is designed for Navistar vehicles with mechanical and electronic fuel controlled engines. The installation procedures for each application will be slightly different, please follow these instructions and schematics carefully.

1. Identify the engine's fuel control system first. MECHANICAL or ELECTRONIC
2. If ELECTRONIC, is it Navpak or pre-Navpak? (see diagram "A")
3. Does the vehicle have an onboard air system or require a PACBRAKE remote compressor?
4. Does the vehicle have ABS braking?
5. Does the vehicle have an ALLISON MD 3060 transmission? If yes — interfacing IS required.

**With these questions answered, choose the correct wiring diagram.
If you require more information or the correct schematic is not provided
please contact Pacbrake factory at 1-800-663-0096.**

DIAGRAM "A" NAVPAK ECM
ELECTRONIC CONTROL MODULE



For vehicles with MECHANICAL fuel controls follow these instructions.

1. The harness enclosed requires a slight modification, cut the weatherpac connector off close to the connector. (Discard connector.)
2. Mount the relay receptacle on the firewall using the self-tapping screw provided. Install relay.
3. Route the red wire to the PACBRAKE solenoid or PACBRAKE compressor.
4. Route the white wire to the throttle switch. (Mount switch provided on throttle linkage.)
5. Route the green wire into the cab to fuse panel. Source ignition power. Note: PACBRAKE remote compressors require a circuit capable of 20 AMPS and a 20 amp fuse.
6. Drill a 1/2" hole in a convenient location and install dash switch.
(A foot switch is an optional control for these applications.) Connect wires as per correct schematic.

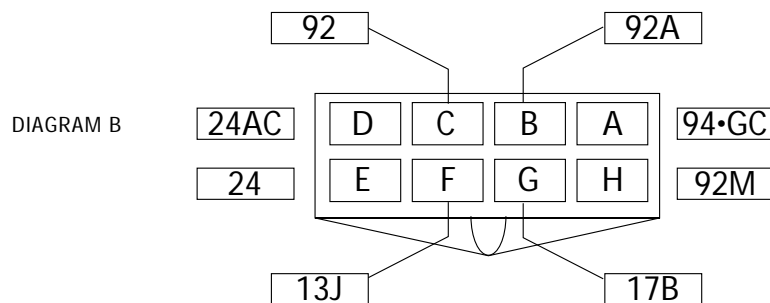
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For vehicles with ELECTRONIC fuel control (prior to Navpak)

1. The harness enclosed requires a slight modification, cut the weatherpac connector off close to the connector. (Discard connector.)
2. Mount the relay receptacle on the firewall using the self-tapping screw provided. Install relay.
3. Route the loomed red wire to the PACBRAKE solenoid or PACBRAKE remote compressor.
4. Route the white wire of the harness along the firewall to the round socket located on the drivers side. Locate socket #18. It should be a gray wire #24. Cut this wire and attach the white wire in the PACBRAKE harness to the socket side of the wire. Heat terminal to provide a sealed connection.
5. Route the green wire into the cab to fuse panel. Source ignition power. Note: PACBRAKE remote compressors require a circuit capable of 20 AMPS and a 20 amp fuse.
6. Drill a 1/2" hole in a convenient location and install dash switch. (A foot switch is an optional control for these applications.)
7. Connect wires as per correct schematic.

For vehicles with NAVPAK ELECTRONIC fuel control

1. Locate the Navistar main electrical harness which is routed down the drivers side of the engine above the starter. A weatherpac plug will be visible with two wires numbered 24A and 24B, remove the protective cap and connect to the PACBRAKE harness mating plug.
2. Route the harness along the firewall and mount the relay receptacle using the self-tapping screw provided, install the relay.
3. Route the loomed red wire to the PACBRAKE solenoid or PACBRAKE remote compressor.
4. Inside the cab behind the fuse panel locate the 8 terminal receptacle. See diagram B. Make connections as per the wiring schematic for your application.
5. Drill a 1/2" hole in a convenient location and install dash switch. (A foot switch is an optional control for these applications.) Connect wires as per correct schematic.



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