

SUBJECT**Introduction Of New Air Compressor Wiring****MODEL NUMBER****Exhaust Brakes Using 12 Volt Air Compressors**

Pacbrake air compressor assemblies supplied for vehicles with hydraulic brakes, consists of a 12 volt air compressor, pressure switch and solenoid valve. The method of connecting these components has been revised to ensure maximum component life.

The original compressor wiring has the compressor motor connected through the pressure switch. The compressor motor at start-up can momentarily exceed 20 amps, the pressure switch is rated for 20 amps.
See schematics.

The new wiring uses a signal wire through the pressure switch to energize the coil side of a relay which enables the compressor motor, this will extend the life of the pressure switch as the relay draw is .5 amps
See schematic B

For troubleshooting or adding a transmission controller it must be determined which version of compressor wiring exists. The easiest way is to look at the compressor motors RED wire. If it is connected to the pressure switch then it is connected as schematic A.

If the compressor motors RED wire is connected to a relay then it is connected as schematic B.

Vehicles experiencing a pressure switch failure can be rewired to schematic B if necessary but is not mandatory.

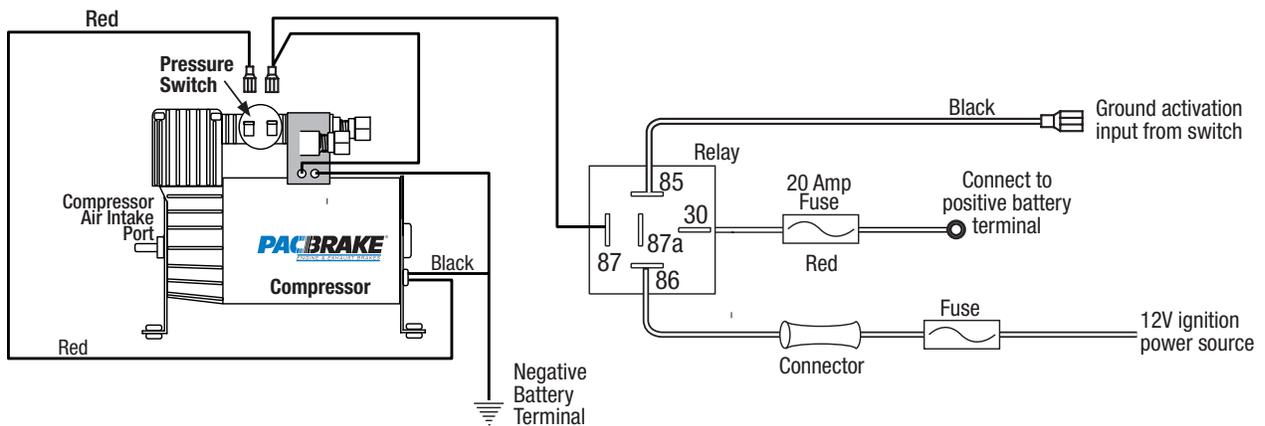
Product Improvement not subject to campaign.

Contact Pacbrake Service at 1 800 663 0096

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MODEL NUMBER Exhaust Brakes Using 12 Volt Air Compressors

SCHEMATIC A- Original Compressor Wiring



SCHEMATIC B- New Compressor Wiring

