

Wiring Supplement

FOR PACBRAKE EXHAUST RETARDER IN CONJUNCTION WITH **ALLISON W-TEC III**

Allison 3000 Series transmissions produced after July 1, 1999 will be equipped with W-TEC III electronics.

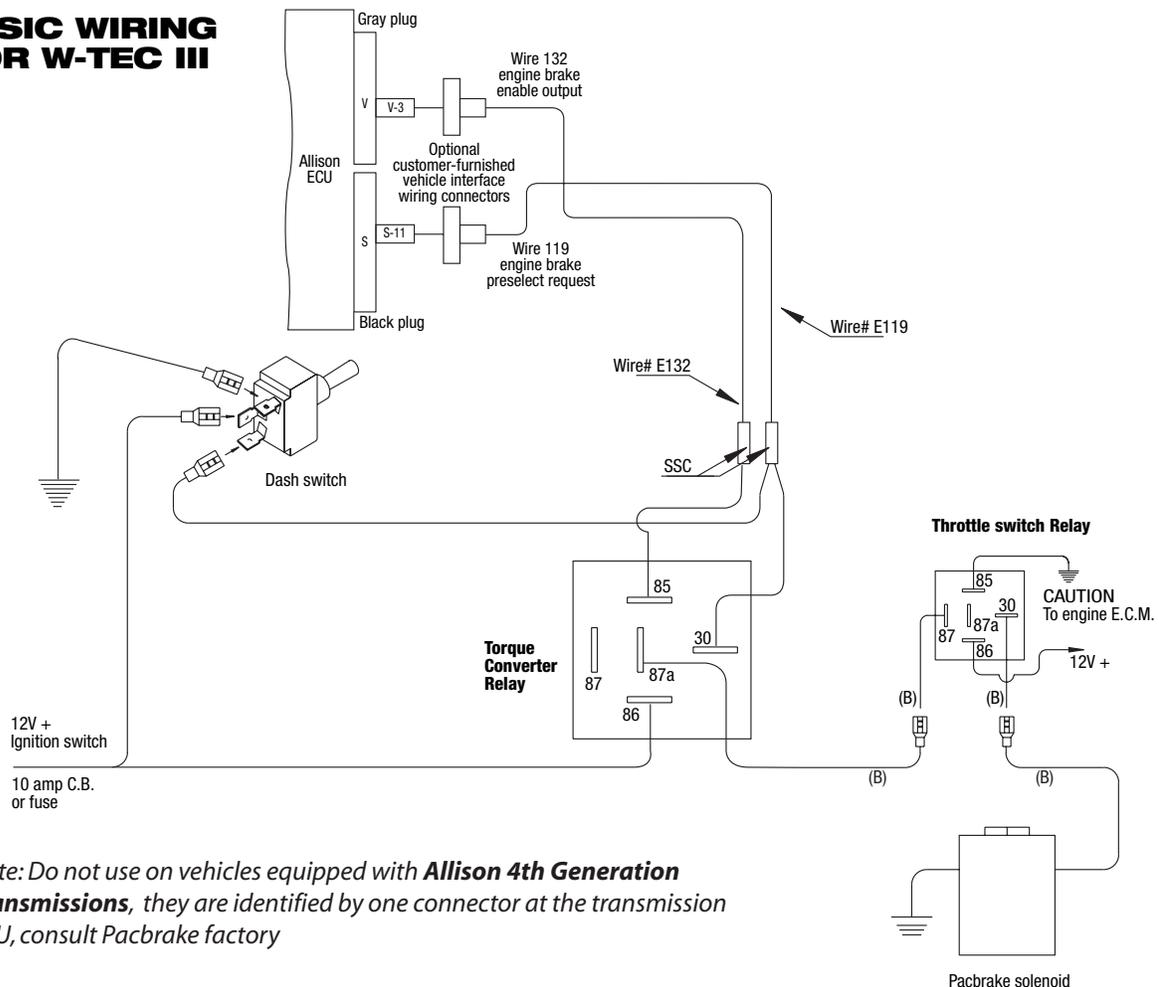
This version of electronics is very similar to the previously used version W-TEC II with the exception of the VIM and VIW, they are no longer used. With W-TEC III the #119 and #132 wires originate at the ECU not the VIM or VIW (as in W-TEC II).

Locate the ECU which will be close to the shifter keypad, here you find three connectors which are colour coded for your convenience. Locate the BLACK plug to find wire #119. Splice to the ECU side of the wire. Then locate the GRAY plug to find wire #132, splice to the ECU side of the wire as shown in the schematic. **NOTE:** The #119 and #132 wires dead end in the harness. It is therefore OK to cut them and splice to the ECU side of these wires.

How to determine which version you have. Look at the shifter keypad, turn the key on, when in neutral, does the keypad display one or two letter N(s)?

One letter N = W-TEC III. Two letter N(s) = W-TEC II.

BASIC WIRING FOR W-TEC III



Note: Do not use on vehicles equipped with Allison 4th Generation Transmissions, they are identified by one connector at the transmission ECU, consult Pacbrake factory