

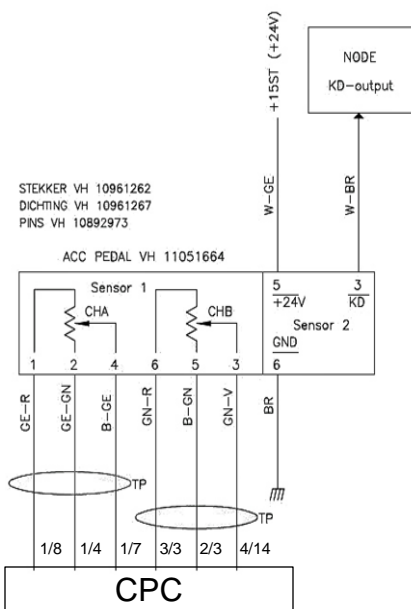
COACH MODEL : C2045, T2140, T2145, CX, TX40, & TX45 With Detroit Engine

DATE : 8/26/2015

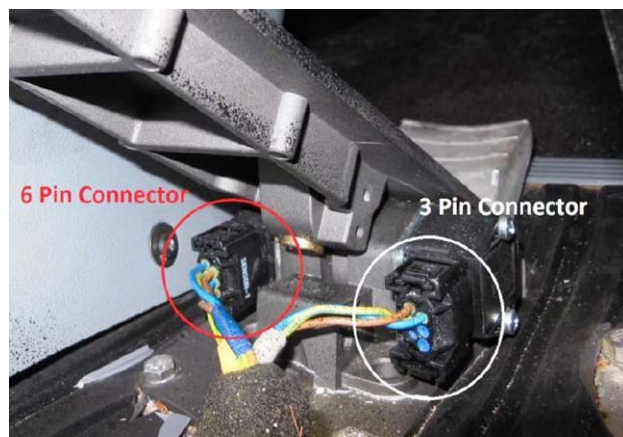
SUBJECT : Troubleshooting Accelerator Pedal with DD13 GHG14 Engines with code 2623/8.

****NOTE: IF THESE CONNECTIONS ARE REVERSED, SIGNIFICANT DAMAGE WILL BE DONE TO THE PEDAL ASSEMBLY****

| Sensor Connector and Pedal | | |
|----------------------------|-------------|------------------|
| Function | CPC4 Pinout | Connector Pinout |
| APS1 | 7/1 | 4 |
| GND1 | 4/1 | 2 |
| VDC1 (+5V) | 8/1 | 1 |
| VDC2 (+5V) | 3/3 | 6 |
| GND2 | 2/3 | 5 |
| APS2 | 14/4 | 3 |



Front view of accelerator pedal



Accelerator Pedal/Idle Validation Switch

Transmission Kickdown Switch

- (1) Disconnect the Accelerator Pedal (AP).
- (2) Turn the ignition ON (key ON, engine OFF).
- (3) Measure the voltage between pins 5 and 6 of the AP harness connector.
 - 3.1. If the voltage is between 4.5 and 5.5 volts, go to [step 5](#)
 - 3.2. If the voltage is less than 4.5 volts, go to [step 4](#)
- (4) Measure the voltage between pin 6 of the AP harness connector and ground.
 - 4.1. If the voltage is between 4.5 and 5.5 volts, repair the open circuit between pin 5 of the AP harness connector and pin 2 of the Common Powertrain Controller (CPC) #3 connector.
 - 4.2. If the voltage is less than 4.5, repair the open circuit between pin 6 of the AP harness connector and pin 3 of the (CPC) #3 connector.
- (5) Turn the ignition OFF.
- (6) Disconnect the (CPC) #4 connector.
- (7) Measure the resistance between pin 6 of the AP harness connector and pin 14 of the (CPC) #4 connector.
 - 7.1. If the resistance is greater than 3 ohms, repair the open between pin 6 of the AP harness connector and pin 14 of the (CPC) #4 Connector.
 - 7.2. If the resistance is less than 3 ohms, replace the AP.