



HONDA CRV 5 SPEED TRANSMISSION

P0983 OPEN SOLENOID D CIRCUIT

COMPLAINT: A 2005 CRV using a 2.4L engine with an MKYA five speed transmission came in to Delaware County Transmission in Havertown PA with severe damage. A replacement transmission was ordered and installed. After which a P0983 code for an open solenoid D circuit is immediately stored upon start up. When an inspection was made to check the circuit it was discovered that solenoid D was missing.

CAUSE: The replacement transmission arrived with the identification tag on top of the transmission missing. But the transmission looked the same as the original and it bolted up to the 2.4L engine with no issues. Nor was there any problems with speed sensors and electrical connections. But with the discovery of a missing solenoid D, it was also discovered that they inadvertently installed the wrong transmission. What they did receive was a unit from a 2004 CRV 2.4L which is an MCVA transmission. The 2004 is a 4 speed unit with 4 solenoids while 2005 and newer is a 5 speed unit with 5 solenoids.

CORRECTION: Install the correct transmission.

There are some 4 speed harnesses where terminal 8 is empty. This can be a quick way to identify a 4 speed unit from a 5 speed unit should the ID tag be missing. But if there is a pin at terminal 8, the cover will need to be removed to see how many solenoids are present. Pin 4 in the 8 terminal connector is empty for both the 4 and 5 speed units (see figures 1 and 2).

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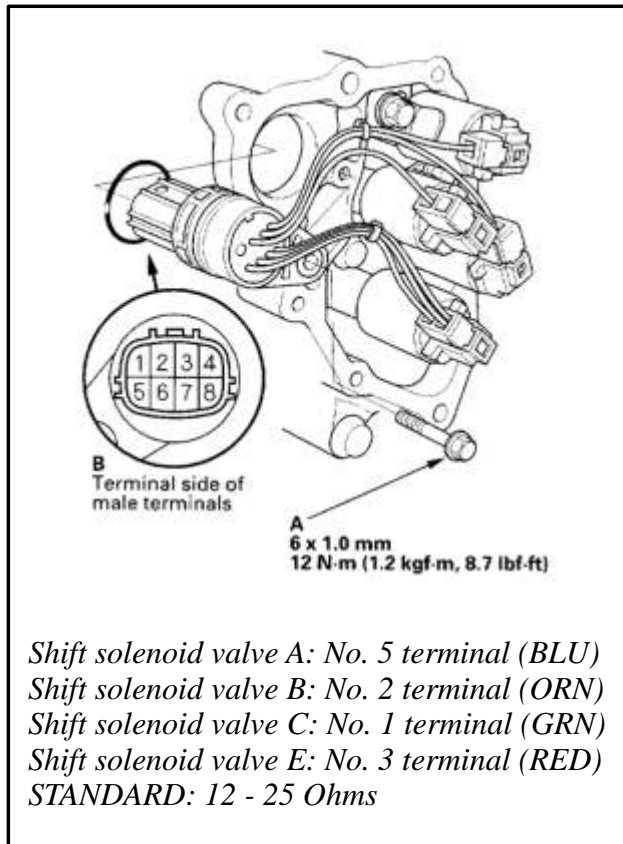


Figure 1

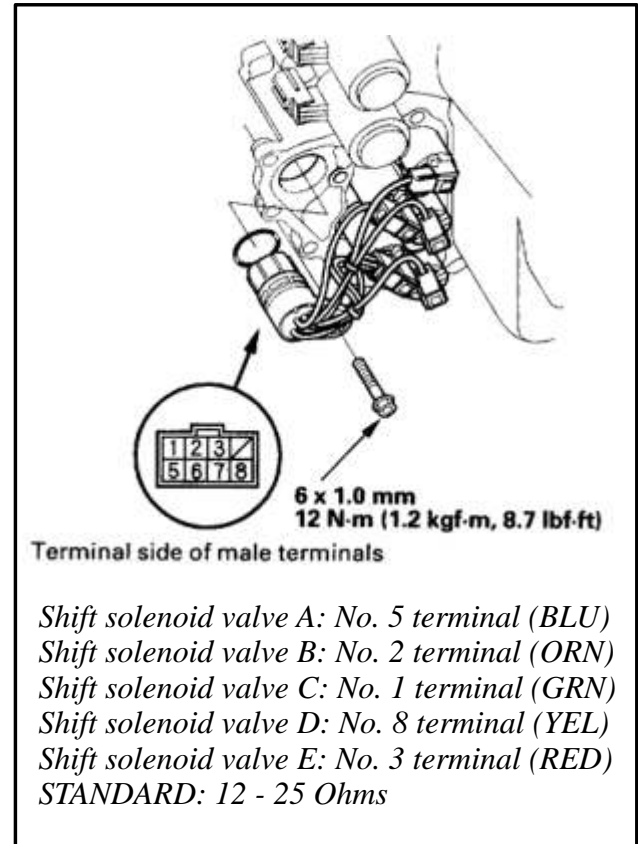


Figure 2