



Technical Service Information

GM 6T70/75

I/O SPEED SENSOR ISSUES

COMPLAINT: A 2007 GMC Acadia equipped with a 6T70 transaxle may develop a problem illuminating the “Check Engine” lamp with some of the following codes being set: P0716, P0717, P0722, P0723, P0751, P0756, P0776, P0796, P2714 or P2723. A 2007 Buick Enclave Pontiac G6, Saturn Aura or Outlook may also develop this same complaint.

CAUSE: The Input and/or Output Speed Sensors are faulty.

CORRECTION: Use a scan tool to check input and output rpm and replace the defective speed sensor(s).

To replace the ISS or OSS speed sensor, the valve body will have to be removed. Remove only the shaded bolts shown in Figure 1 to remove the valve body assembly. The location of the speed sensors is explained in Figure 2.

NOTE: There has been problems with the input and output speed sensors while still under the factory warranty. Refer to Factory Bulletin **07-0730-019A**.

SERVICE INFORMATION:

<i>A/T Input Speed Sensor</i>	<i>24223891</i>
<i>A/T Output Speed Sensor</i>	<i>24238337</i>

SPECIAL NOTE: *Care must be taken when dropping the frame to gain access to the transmission to not let the splined steering knuckle slip out of the steering rack. If this should occur, after reassembly the steering wheel will rotate continuously and could cause damage to the clock springs setting a variety of codes.*

*Many thanks to Luis Zabala
from WiWi's Transmissions*

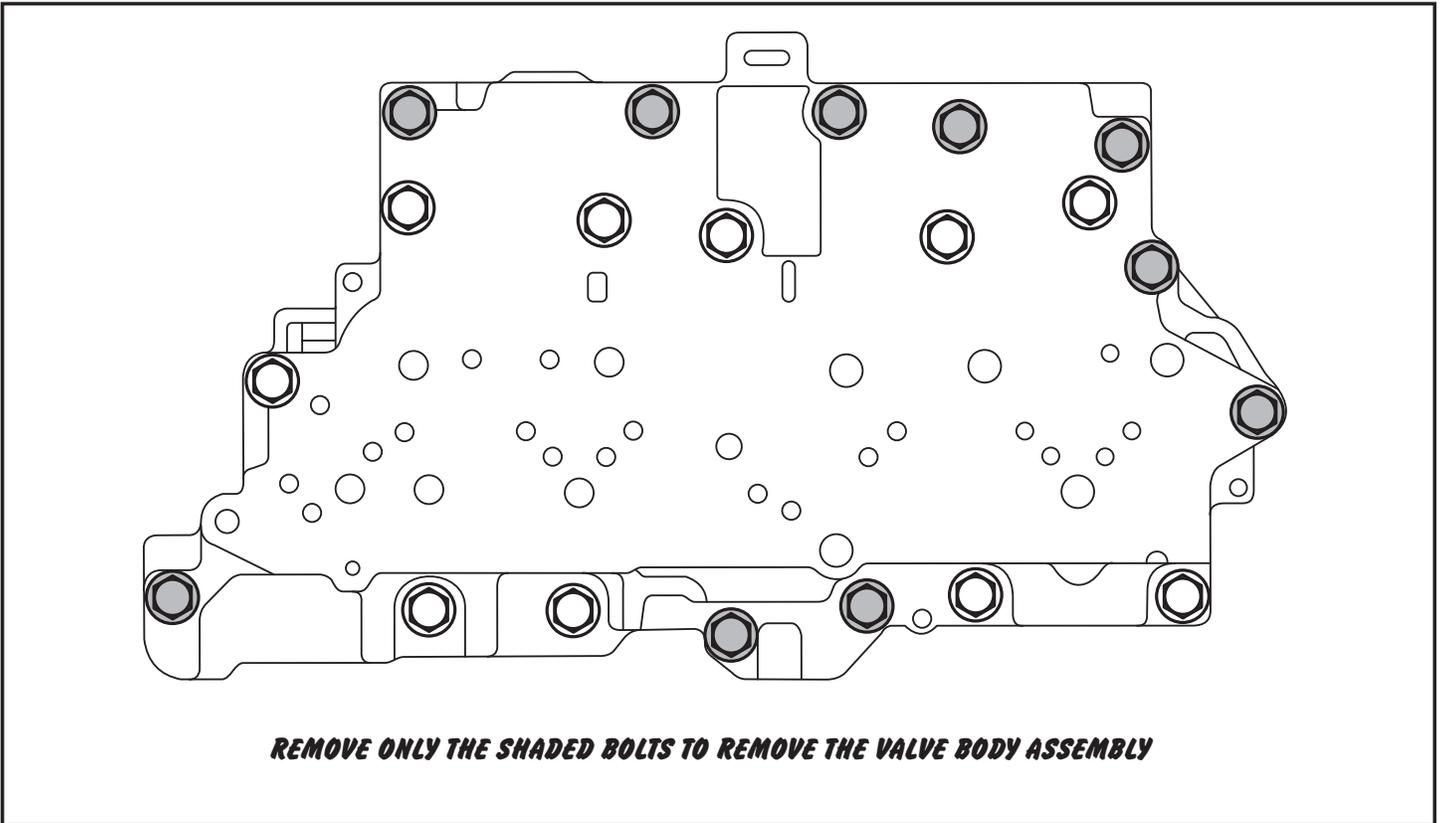


Figure 1

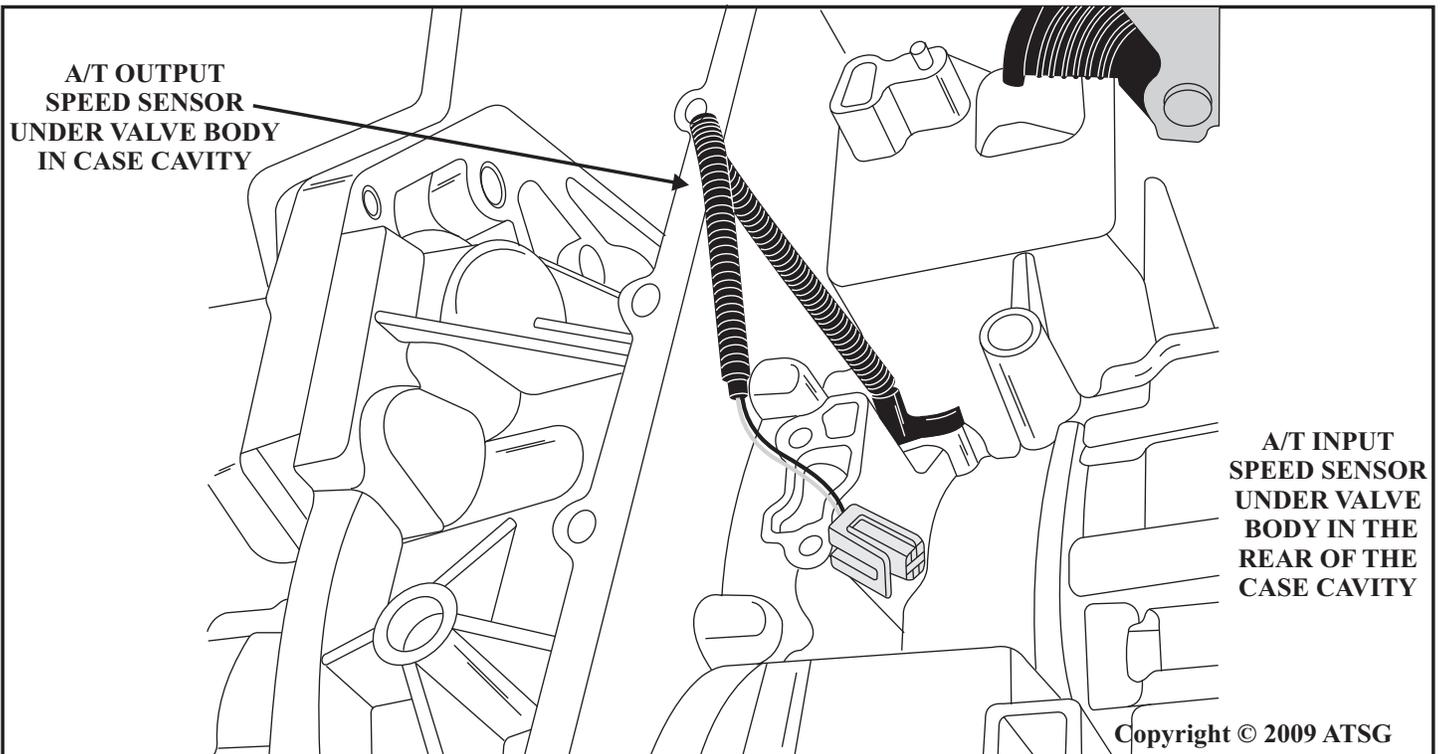


Figure 2