



# Service Bulletin

File in Section: -

Bulletin No.: PIP5060

Date: September, 2012

## PRELIMINARY INFORMATION

**Subject:** 2012 - 2013 Chevrolet Silverado GMC Sierra 2500HD And 3500 Equipped With An Allison Automatic Transmission Service Engine Soon Light Illuminated

**Models:** 2012 - 2013 Chevrolet Silverado  
2012 - 2013 GMC Sierra  
Equipped with an Allison Automatic Transmission RPO MW7

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

### Condition/Concern:

Service engine soon light illuminated, no shift, wrong gear starts, range inhibit. P0752, P0757, P0762, P0751, P0756 or P0761 may be set.

### Recommendation/Instructions:

The transmission control module may set any of the following DTCs P0752, P0757, P0762, P0751, P0756, and P0761 due to a shift solenoid performance concern.

The affected shift solenoid armature may be binding causing the DTC to set.

The technician should perform the following steps:

1. Verify the fluid level of the transmission fluid is correct.
2. With the ignition on engine off. Gently push the PS1, PS2 and PS3 switches with the eraser end of a pencil. Verify with a scan tool that the TFP Switch 1, TFP 2, and TFP Switch 3 parameters switch from high to low as each pressure switch is depressed. If not check the internal harness for a possible concern. If all circuits test OK replace the appropriate shift solenoid.

Shift Solenoid 1 - P0751/P0752

Shift Solenoid 2 - P0756/P0757

Shift Solenoid 3 - P0761/P0762

If the condition returns the valve body should be removed, disassembled and cleaned of any debris and reassembled and evaluated.

### Warranty Information:

For vehicles repaired under warranty use:

Labor Operation	Description	Labor Time
K6353	Pressure control solenoid valve replacement.	Use Published Labor Operation Time

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.