

ONLINE AUTOMOTIVE SERVICE INFORMATION SYSTEM FOR MARCH 2015

- 45016 2011-2015 Vehicles Equipped With The 6R80 Transmission - Misc Solenoid DTC Codes - Pinpoint Diagnostic Routine - Solenoid Contamination Inspection

Some 2011-2015 vehicles equipped with the 6R80 transmission that exhibit a solenoid DTC (Actuator Power Short to Ground) may be caused by contamination at the solenoid to leadframe connection. Follow the WSM Section 307-01 Pinpoint Test (PPT) A1 procedures. If (PPT) A7 results indicate the resistance is out of specification, (PPT) A8 then requires removal of the main control and leadframe, recommend inspecting the affected solenoid terminals for contamination of fine metal particles near solenoid terminal connection to leadframe. In many cases cleaning has been an effective way of alleviating the condition. Reinstall main control fill and set transmission fluid level, Clear DTC'S and road test. Leadframe or solenoid should only be replaced if the DTC and condition returns. Use available service labor times.