



Tech Tips

TT 15-12-03

Date: October 19, 2012

2011-2012 Routan – MIL ON, Fault P0300, P0301, P0302, P0303, P0304, P0305, and/or P0306 Stored In PCM

When diagnosing faults P0300, P0301, P0302, P0303, P0304, P0305, and/or P0306 for cylinder misfires, perform a Cylinder Combustion Pressure Leakage Test before replacing any components.

Test procedure can be found in Elsa Repair Manual under Diagnostic Information – Non-DTC Based>Non-DTC Based Diagnostics>00 General, Technical data>Engine Mechanical, Fuel Injection and Ignition. If it becomes necessary to open a Technical Helpline VTA case, have results of pressure leakage test available when calling.

Additionally, obtain information on customer drive cycles (city/highway, towing) and what type of fuel the customer is using (Gas or E85).

Replacement cylinder heads do not come equipped with oil galley plugs. Technicians will need to swap galley plugs from original cylinder head to the service replacement. See Tech Tip 15-12-01 for more information. Be aware that replacement oil galley plugs can also be ordered in a separate kit, part number 7B0198057.