

	concern, INSTALL a new PCM. Refer to the appropriate article for the procedure.
No	The system is operating correctly at this time. The concern may have been caused by module connections. ADDRESS the root cause of any connector or pin issues.

DIAGNOSIS AND TESTING > INSTRUMENTATION, MESSAGE CENTER AND WARNING CHIMES > PINPOINT TESTS > PINPOINT TEST AO : THE LOW OIL PRESSURE RTT (RECONFIGURABLE TELLTALE) IS NEVER OR ALWAYS ON (5.0L AND 5.2L ENGINES)

Refer to Instrument Cluster for schematic and connector information.

Normal Operation and Fault Conditions

See Low Oil Pressure RTT. REFER to: Message Center - System Operation and Component Description .

If the engine RPM data or oil pressure warning indicator request message is missing less than 5 seconds, the IPC defaults the low oil pressure warning indicator to the last state (on or off), based upon the last message received.

If the engine RPM data or oil pressure warning message is missing for 5 seconds or longer, the IPC defaults the low oil pressure warning indicator on.

DTC Chart - PCM

DTC	Description	Fault Trigger Conditions
P0521	Engine Oil Pressure Sensor/Switch "A" Circuit Range/Performance	Sets in the PCM when the PCM detects signal variation outside of the module parameters on the hardwired input from the oil pressure switch.
P0522	Engine Oil Pressure Sensor/Switch "A" Circuit Low	Sets in the PCM when the PCM detects a short to ground on the hardwired input from the oil pressure switch.
P0523	Engine Oil Pressure Sensor/Switch "A" Circuit High	Sets in the PCM when the PCM detects an open on the hardwired input from the oil pressure switch.
P0524	Engine Oil Pressure Too Low	Sets in the PCM when the PCM detects low oil pressure.

Possible Sources

- Wiring, terminals or connectors