

Known fixes and bulletins

Bulletin

Affected vehicles

- All models with DW engine.

Problem

- Engine malfunction indicator lamp (MIL) illuminated.
- Trouble code stored in engine control module (ECM) fault memory: P1641.
- Battery discharges.

Cause

- Engine coolant travelling by capillary action into engine control module (ECM) wiring harness from yellow 2-pin engine coolant temperature (ECT) switch connector [Fig. 1](#) [1].
- Engine control module (ECM) failure due to water ingress.

Remedy

Parts		
Description	Part number	Quantity
Dummy connector	PR6995CP	1
Engine wiring harness	-	1
Engine control module (ECM)	-	1

- Fit new engine wiring harness.
- Disconnect yellow 2-pin engine coolant temperature (ECT) switch connector [Fig. 1](#) [1]. Insulate using dummy connector [Fig. 1](#) [2].
- Fit new engine control module (ECM).

[Fig. 1](#)

