

Blue Print ADBP740009

To fit:

Lexus CT200h ZWA1, Toyota Auris Hybrid ZWE150, ZWE186,
Prius ZVW30, ZVW35, Prius + ZVW40.



EN

EGR Valve

Problem

Vehicle vibration due to rough idle and/or a tapping noise from the transaxle.

Engine warning light is on and diagnostic trouble code P0401: "Exhaust gas recirculation flow insufficient detected" is logged in the engine control unit (ECU).

Cause

The wiring harness multi-plug, connected to the exhaust gas recirculation (EGR) valve, is under tension as the engine moves. This causes an intermittent open circuit and the incorrect operation of the EGR valve. As a result, a build-up of carbon deposits occurs in the valve assembly - causing the valve to fail and the engine rpm to fluctuate.

Solution

Remove the insulation tape from the wiring harness. Then, re-route the EGR valve wiring harness - making sure to leave sufficient slack to allow for engine movement. Re-apply the adhesive tape to the base of the wiring harness and replace the faulty EGR valve. To complete this repair, the engine control unit will require re-programming with upgraded software from the vehicle manufacturer.

For more technical information please visit: partsfinder.bilsteingroup.com