

BorgWarner

Garrett
by BorgWarnerHOLSET
TURBOCHARGERS

IHI

MITSUBISHI



GENUINE SUPPLIER

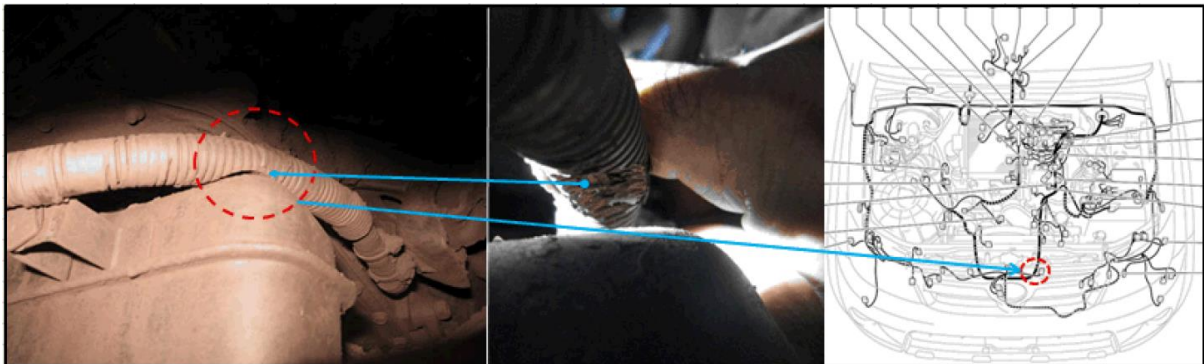
TOYOTA KUN26 HILUX 1KD-FTV

DIAGNOSIS ASSISTANCE FOR DAMAGED TURBO MOTOR DRIVER HARNESS

Relevant DTC affected: P0046, P0047, P0048, P1251, P2564, P2565, P2588, and P2589

The wiring harness between the turbocharger DC motor and the turbo motor driver (located behind the glove box) has been found to be in close contact to the engine sump on the LHS of the engine, causing it to potentially rub through and consequently cause intermittent short or open circuit DTCs. Testing the resistance of the harness connectors can give a reading within specification however.

After working through the diagnostic flow chart for the relevant DTC to eliminate the turbocharger DC motor and the turbo motor driver from being at fault, inspect the wiring harness at the below point for damage.



When checking the harness for continuity tests between the turbocharger DC motor and the turbo motor driver, ensure to manipulate the harness. A short or open circuit may only appear once the harness is manipulated and any broken or damaged wires (found between the firewall and engine) are disturbed. No fault may be found during diagnosis if the harness is not manipulated during testing.

