

CASE HISTORY TOYOTA LEXUS

We were asked to investigate a Toyota Lexus with a misfire \ hesitation .The fault had occurred after a long journey and the engine management light had come on .

We started with reading engine management fault codes and live data this revealed two faults one for lambda sensor and one for rpm pick up. Visual inspection of the vehicle showed up faults with the ignition system the HT leads were original and showed signs of external leakage coupled with poor plug condition .

We advised sorting out the HT faults first and then reassessing the vehicle. After replacing the leads and plugs the vehicle ran better but still had a fault where the vehicle would cut out under load.

Re-reading the fault memory showed the fault for rpm \ phase sensor. Further investigation and testing revealed that the wiring for the camshaft sensor had chafed through on the cam cover, rewiring the sensor cured the fault although long term a new sensor was required.

Upon advising the customer we were told that the car had recently had a cam belt change and it was obvious that the cam sensor wiring had been routed incorrectly.

