



TECHNICAL BULLETIN

S303-18

11/2003

Subject

**CHECK ENGINE MALFUNCTION INDICATION LIGHT ILLUMINATING WITH
DIAGNOSTIC TROUBLE CODE P0341 AND P0346 STORED**

Model: S-TYPE (V6 petrol)

Year: 2002.5 Onwards

VIN M45255 Onwards

Section: 303-01

Engine

Summary

S303-18: This Technical Bulletin has been issued to address customer concerns of the check engine Malfunction Indication Lamp (MIL) illuminating with Diagnostic Trouble Code (DTC) P0341 (CMP sensor-Bank 1) or P0346 (CMP sensor-Bank 2) stored.

Action

If after carrying out a diagnostic routine on WDS associated with DTC P0341 or P0346, the codes cannot be cleared, or there was no fault found, remove and check the resistance of the spark plugs. If the resistance is below 1k ohm, replace the spark plug and the ignition coil-on-plug. Follow the workshop procedure outlined below.

Workshop Procedure

- 1 Remove ignition coil-on-plug (see Workshop Manual, JTIS CD ROM, section: 303-07).

Note: Please be aware that the link in 'Ignition Coil-On-Plug RH' to remove the intake manifold takes you to Engine-Removal. Manually navigate to the intake manifold remove and install procedure in JTIS.

Note: Note the position of the ignition coil-on-plug and spark plugs when removing them. The ignition coil-on-plug and spark plugs will be replaced as a matched pair if the spark plug is faulty.

- 2 Remove the spark plugs.
- 3 Check tip-to-tip resistance of all spark plugs, using a suitable ohm meter.

Note: If any spark plug has a resistance of less than 1k ohm, replace the spark plug and the ignition coil-on-plug.

- 4 Install spark plugs.
- 5 Install ignition coil-on-plug (see Workshop Manual, JTIS CD ROM, section: 303-07).

Note: Ensure WDS is loaded with software release JTP 759/26 or later.

- 6 Clear DTCs using WDS.

Parts Information

The following parts must be ordered via Jaguar Cars Parts Operations (or through NSC/Importer).

Description	Part Number	Quantity
Spark plugs (unleaded fuel markets)	XR8 19660	As required
Spark plugs leaded fuel markets	XR8 15349	As required
On-plug-coils	C2S 11480	As required
Intake manifold gasket	C2S 14519	6

Warranty Information (where applicable)

Description	SRO	Labor Time Allowance	Causal Part
Check spark plug resistance and install new spark plug and ignition coil-on-plug	18 91 29	2.0 Hours	XR8 19660