

**S-TYPE**

DATE 12/03

S303-17

SERVICE**TECHNICAL BULLETIN****Check Engine MIL/DTC P0341 And P0346 –
V6 Engine –
Repair Procedure**MODEL 2003 MY-ON
S-TYPE 3.0L

VIN M44998-ON

Issue:

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:

In case of a customer complaint of the above condition, perform the diagnostic routines on WDS associated with DTC P0341 or P0346. If 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

Note: Observe 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.

1. Remove ignition coil-on-plug (see Workshop Manual, JTIS CD ROM, section: 303-07, SRO 18.20.43 right hand and 18.20.44 left hand).

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, section 303-01A, SRO 30.15.01.

2. Remove the spark plugs.
3. Check tip-to-tip resistance of all spark plugs, using a suitable ohm meter. 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: The information in Technical Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers." Do not assume that a condition described affects your car. Contact a Jaguar retailer to determine whether the Bulletin applies to your vehicle.

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

6. Clear DTCs using WDS.

Parts Information:

<u>DESCRIPTION</u>	<u>PART NUMBER</u>	<u>QTY</u>
Spark plugs (unleaded fuel markets)	XR8 19660	As required
On-plug-coils	C2S 11480	As required
Intake manifold gasket	C2S 14519	6

Warranty Information:

Warranty claims should be submitted quoting the information found in the table below. This will result in payment of the stated time and, where applicable parts/miscellaneous expense codes as listed.

Description	SRO	Time	Causal Part Number
Check spark plug resistance and install new spark plug and ignition coil-on-plug	18.91.29	2.0 hrs.	XR8 19660