

Subject

WATER INGRESS INTO SPARK PLUG WELLS

Model: S-TYPE 4.0L Vehicles

Year: 1999 to 2000

VIN L00600 to L63500

Section: 303

Engine System

Sub-Section: 303-07

Engine Ignition

Summary

This Technical Bulletin has been issued due to a number of V8 4.0L vehicles suffering with water ingress into the spark plug wells, which could cause a misfire/non-start situation.

Action

A revised stiffer on-plug coil cover was introduced to prevent water ingress. On a customer complaint basis, the on-plug coil cover should be replaced when complaints caused by water ingress are identified.

Workshop Procedure

- 1 Open hood and fit fender protectors.
- 2 Open luggage compartment and displace carpet.
- 3 Disconnect battery.

CAUTION: ENSURE THE RADIO CODE IS AVAILABLE BEFORE DISCONNECTING THE BATTERY.

- 4 Remove air cleaner outlet pipe (see Workshop Manual, JTIS CD ROM, section: 303-12B).
- 5 If fitted, remove the Evaporative (EVAP) Emission Canister Purge Valve (see Workshop Manual, JTIS CD ROM, section: 303-13).
- 6 Remove the oil level indicator.
- 7 Undo and remove power steering fluid reservoir securing screws and displace reservoir (see Fig. 1).

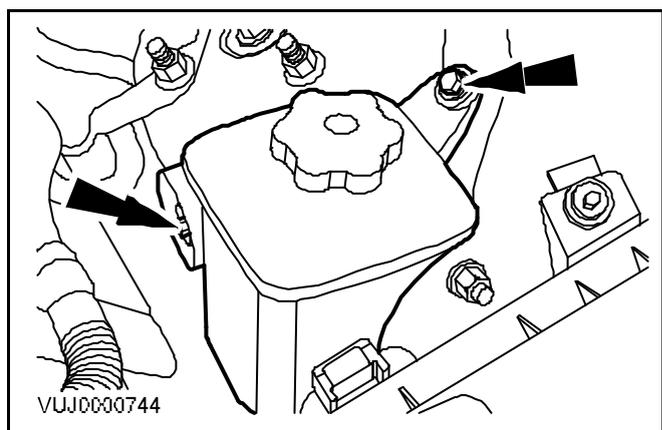


Fig. 1

- 8 Release engine breather hose from securing clip (see Fig. 2).

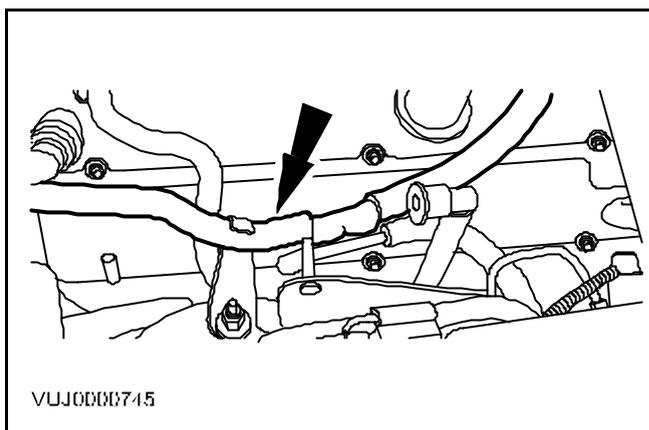


Fig. 2

- 9 Undo and remove on-plug coil cover securing screws.
 10 Remove on-plug coil covers.
 11 Align new on-plug coil covers to engine.
 12 Fit and fully tighten on-plug coil cover securing screws.
 13 Install engine breather hose to securing clip.
 14 Realign power steering fluid reservoir.
 15 Fit and fully tighten power steering fluid reservoir securing screws.
 16 Install oil level indicator.
 17 If removed, install EVAP Emission Canister Purge Valve (see Workshop Manual, JTIS CD ROM, section: 303-13).
 18 Install air cleaner outlet pipe (see Workshop Manual, JTIS CD ROM, section: 303-12B).
 19 Connect battery and align luggage compartment carpet to original position.
 20 Close luggage compartment lid.
 21 Remove fender protectors and close hood.

Parts Information

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

Description	Part Number	Quantity
On-plug coil cover	AJ8 3078	2

Warranty Information

Description	SRO	Labor Time Allowance	Warranty Code	Causal Part
On-plug coil covers – engine set – renew.	12-30-03	0.70 Hours	AB-DH-49	AJ8 3078