



Date: 10.03.2015

Model: Elise/Evora and Exige S
Fitted with Bosch ABS Module

Number: 2015/03

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TITLE:

Application of silicone grease to brake light switch plunger to improve durability.

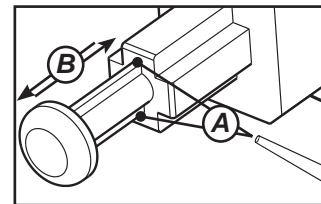
REASON:

Several instances of brake light switch renewal under warranty have been reported due to the illumination of the ABS (Anti-Lock Braking System) tell tale lamp accompanied with the generation of diagnostic trouble code C0340 - brake light switch.

Investigations carried out by Lotus on returned switches have not determined any specific internal electrical faults, though some switches exhibited sticking plungers which, under certain conditions would have caused this trouble code to be generated. Furthermore lubrication with silicone grease of the plunger sections of 'failed' switches has resulted in them successfully completing durability testing with no further fault code generation.

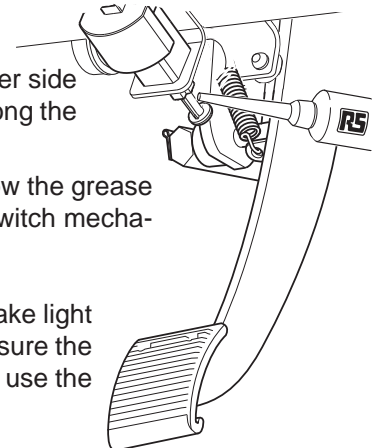
ACTION:

Use Lotus TechCentre to diagnose if any specific sensor, switch, harness connector etc is an obvious cause of failure in the event you are presented with an Evora, Exige S or Elise ('11MY onwards fitted with a Bosch ABS module) that has generated fault code C0340.



Regardless of the fault found and rectification work carried out (even if the fault was not caused by the brake light switch) a small quantity of RS 494-124 silicone grease should be applied to the switch plunger as shown in the RH illustrations and procedure listed below:

- A. Apply the equivalent of a 'pin head' amount of silicone grease to either side of the plunger at the base of the switch body and evenly distribute along the complete length of the shaft.
- B. Fully actuate the plunger (if switch not yet fitted to the vehicle) to allow the grease to travel inwards into the switch body ensuring the internals of the switch mechanism are fully lubricated*.



Silicone grease should be applied if fitting a new service replacement brake light switch, but if carrying out this procedure to the existing switch in-situ*, ensure the plunger is actuated by ONLY depressing the brake pedal repeatedly and use the application nozzle supplied to accurately apply the grease**.

***Care points:** Manually operating the switch plunger by hand whilst in situ may activate the plunger ratchet, altering its length, requiring the brake pedal to switch to be re-set to avoid generating additional fault codes.

Ensure that silicone grease has not spilt onto any of the pedal pads, as a precaution cover the pedal pads prior to carrying out this procedure. Check and clean the pedal pads as necessary after completing this procedure.

Continued.....

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**Only RS 494-124 silicone grease should be used for this procedure, other silicone greases may cause damage to the internal electrical components of the switch. RS 494-124 silicone grease is readily available in 100g tubes and can be sourced locally.

Service note sections Elise-Exige 4/cylinder - JJ.11, Evora - JL.10 and Exige S JM.10 have also been update on the 10th March 2015 to include the information shown in this bulletin.

CHARGES:

No additional charges are associated with the contents of this bulletin.

Ends.

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