

Technical Tip

The following should be used as an aid or suggestion to resolve the described condition. In most instances this suggestion may eventually be replaced by a formal Technical Bulletin. Please do not file this document after use since in the majority of instances the information provided will have a limited life and may be updated daily. Your feedback concerning the effectiveness of this information would be helpful.

No: TT0121 Issue 2

Date: 20.01.2005

Section: ELECTRICAL

Model / Derivative:

Rover 25 / MG ZR (VIN RF 732814 to 788993)

Rover 45 / MG ZS (VIN RT 637209 to 645212)

MG TF (VIN RD 620459 to 639732)

Title / Symptoms:

SCU MALFUNCTION – TRANSIENT SPIKE FROM WIPER MOTOR

During windscreen wiper intermittent wipe operation, involuntary operation of either of the following may occur:

- The boot or tailgate latch may electronically release, boot/tailgate light illuminates (04 MY vehicles only - excluding MG TF)
- The drivers window may open
- The horn may sound
- Auxiliary lamps may flash on and off

Re-issue information: Revised clear VIN for MG TF

Cause:

This condition is caused by the emission of a high voltage transient spike from the wiper motor system during intermittent wipe operation. This causes the SCU to malfunction may result in the above functional problems.

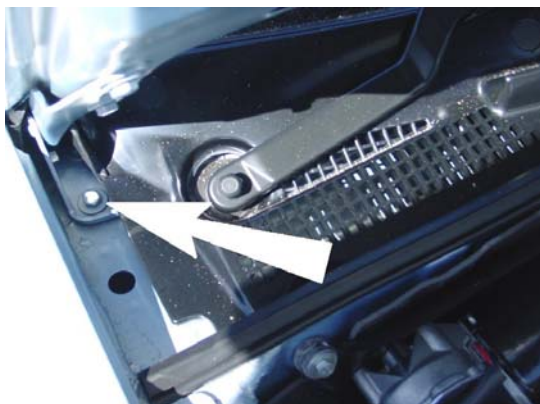
Suggested solution:

IN INSTANCES OF CUSTOMER COMPLAINT

Fit suppressor as shown then confirm vehicle has been actioned by applying identification paint to the right hand bonnet hinge bracket bolt, see illustrations below. *NOTE: This is required for 04 MY vehicles only.*

IMPORTANT! SEE 'PARTS INFORMATION' BELOW – DO NOT ORDER IN THE NORMAL WAY

Rover 25 / MG ZR



Rover 45 / MG ZS



Parts information:

Currently, the parts described in this instruction are not available to order in the normal way. To obtain these parts, please contact the Technical Helpdesk using fax numbers 0121 482 6710 or 6723.

Warranty information:

This repair information will be released very shortly as a Service Action for Rover 25/MG ZR (04MY) & Rover 45/MG ZS (04 MY). Therefore, please hold the claim submission on these models until the Service Action has been released.

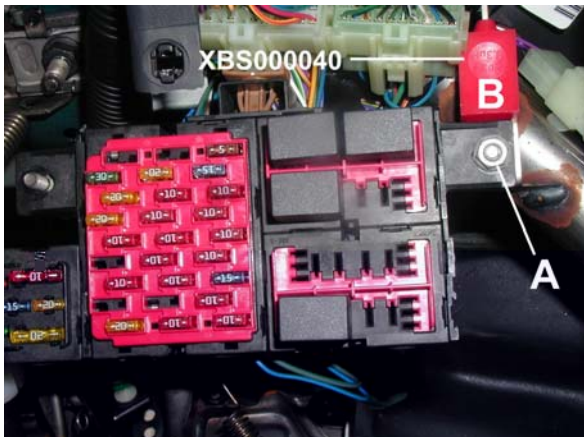
For 03 MY vehicles and MG TF, submit a claim using SRO 86.70.88/71 with a time allowance of time allowance: 0.30 hours

Detail:

Rover 25 / MG ZR:

1. Remove lower facia closing panel from drivers side.
2. Remove the upper half of the steering column cowl.
3. Locate the rear of the wiper switch and disconnect the 8 way connector.
4. Referring to illustration 1, locate and remove the 10mm fixing nut 'A' from the right hand side of the in-car fuse-box.

1



5. Obtain suppressor 'B' (part number XBS000040) and position the earth foot between fuse-box lug and the fixing bracket with the suppressor facing up. Refit fuse-box fixing nut and tighten.
6. Route the suppressor fly-lead up the steering column so that it terminates adjacent to the wiper switch connector and cut off the bared wires from the end of the lead.
7. Using the IDC connector (part number YPC116330), connect the suppressor fly-lead to the 'Blue and Light Green' wire at the rear of the wiper switch connector (illustration 2).

2

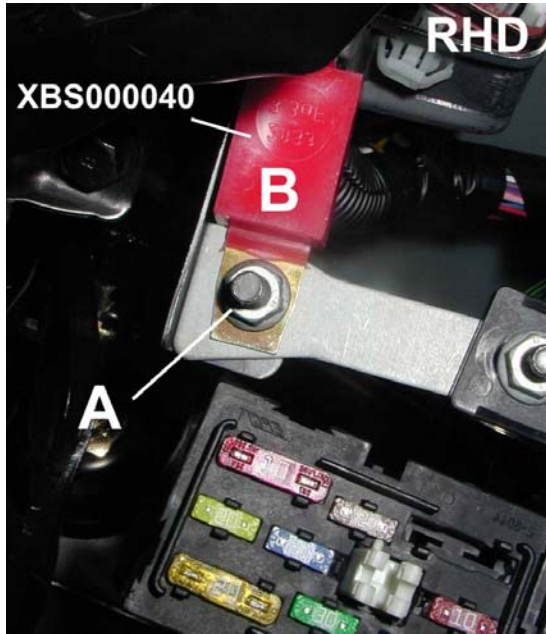


8. Using black electrical tape, secure the fly-lead to the steering column harness protection, ensure that fly-lead is tidy, i.e. that no hanging wire sections exist.
9. Refit the wiper switch connector.
10. Refit the steering column cowl and closing panel.
11. Confirm that vehicle has been actioned by applying a dab of white identification paint to the right hand bonnet hinge bracket bolt. *NOTE: For white vehicles use black identification paint.*

Rover 45 / MG ZS:

1. Remove lower facia closing panel from drivers side.
2. Remove the upper half of the steering column cowl.
3. Locate the rear of the wiper switch and disconnect the 8 way connector.
4. Referring to illustration 1 (RHD) or illustration 2 (LHD), locate and remove the 10mm fixing nut 'A' from the in-car fuse-box extension bracket as shown.

1



2



5. Obtain suppressor 'B' (part number XBS000040) and position the earth foot between fuse-box lug 'C' and the fixing bracket with the suppressor facing up. Refit fuse-box fixing nut and tighten.
6. Route the suppressor fly-lead up the steering column so that it terminates adjacent to the wiper switch connector and cut off the bared wires from the end of the lead.
7. Using the IDC connector (part number YPC116330), connect the suppressor fly-lead to the 'Blue' wire at the rear of the wiper switch connector (illustration 3).

3

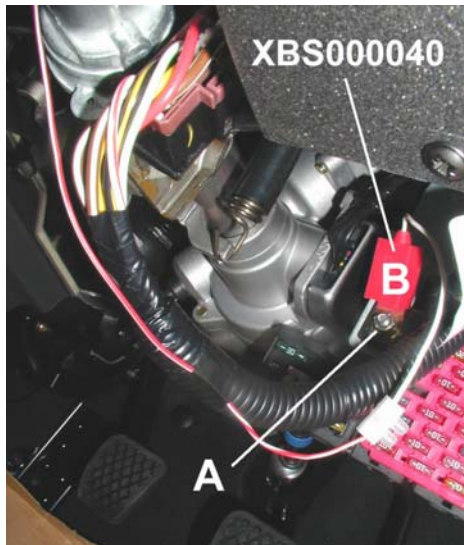


8. Using black electrical tape, secure the fly-lead to the steering column harness protection, ensure that fly-lead is tidy, i.e. that no hanging wire sections exist.
9. Refit the wiper switch connector.
10. Refit the steering column cowl and closing panel.
11. Confirm that vehicle has been actioned by applying a dab of white identification paint to the right hand bonnet hinge bracket bolt. *NOTE: For white vehicles use black identification paint*

MG TF:

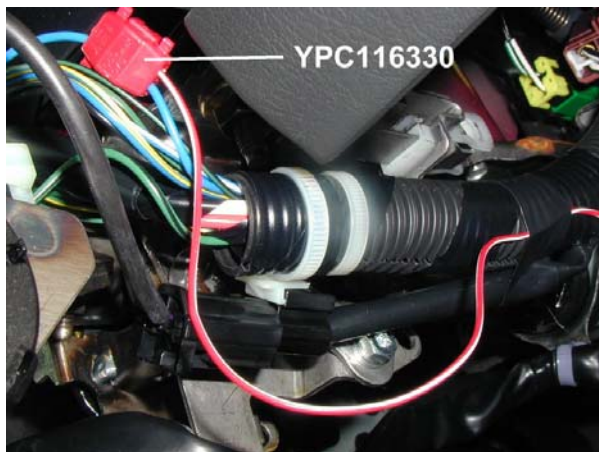
1. Remove lower fascia closing panel from drivers side.
2. Remove the upper half of the steering column cowl.
3. Locate the rear of the wiper switch and disconnect the 8 way connector.
4. Referring to illustration 1, locate and remove the 10mm fixing nut 'A' from the in-car fuse-box as shown.

1



5. Obtain suppressor 'B' (part number XBS000040) and position the earth foot between fuse-box lug and the fixing bracket with the suppressor facing up. Refit fuse-box fixing nut and tighten.
6. Route the suppressor fly-lead up the steering column so that it terminates adjacent to the wiper switch connector and cut off the bared wires from the end of the lead.
7. Using the IDC connector (part number YPC116330), connect the suppressor fly-lead to the 'Blue and Light Green' wire at the rear of the wiper switch connector (illustration 3).

3



8. Using black electrical tape, secure the fly-lead to the steering column harness protection, ensure that fly-lead is tidy, i.e. that no hanging wire sections exist.
9. Refit the wiper switch connector.
10. Refit the steering column cowls and closing panel.