

CIRCULATE TO:-		[REDACTED]
SERVICE MGR.	X	
RECEPTION	X	
WORKSHOP	X	
PARTS	X	SUBJECT
		Fusible Link-Repair
MODEL	AFFECTED VEHICLES	
Range Rover Classic	All V8 derivatives Range Rover from LH 610295 to LH 647644 and Discovery from LJ 034314 to LJ 081990	
Discovery		

DETAIL

From the above VIN numbers a design initiative introduced a new electrical harness which includes a number of fusible links in close proximity to the battery. A number of reports have been received that when a fusible link fails a replacement link is sometimes difficult to obtain and often resulted in Replacement of the complete harness. To overcome this difficulty a service kit has been created that includes all the fusible links attached to the battery cable and allows a cost effective repair to be made.

The fitment of this kit should be carried out by a qualified automotive electrician.

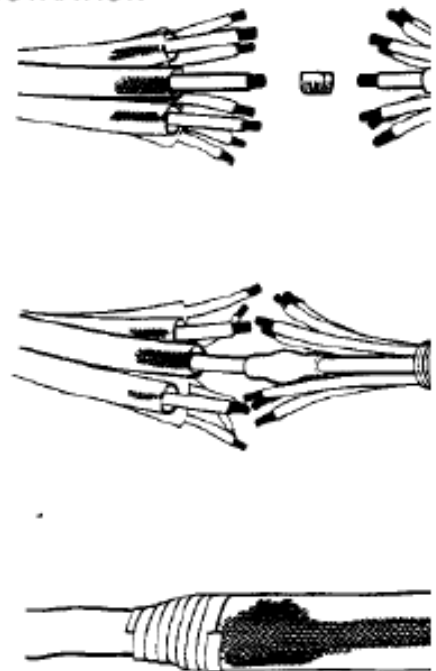
ACTION REQUIRED

Upon failure of a fusible link, first locate the cause of the failure and repair as necessary any failed fusible link using the service kits identified below.

PARTS INFORMATION

AMR 3927 Discovery kit
 AMR 3928 Range Rover kit

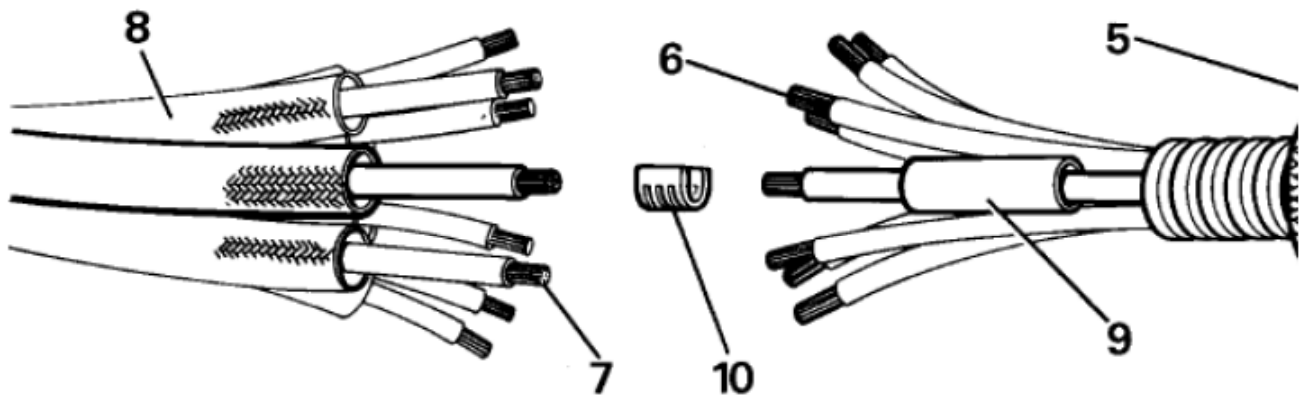
ILLUSTRATION



PROCEDURE

- 1) Disconnect the battery positive and negative leads.
- 2) Locate the fusible links in the positive battery lead, covered by an expandable gauze sleeve.

- 3) Remove the gauze sleeve exposing the fusible links.
- 4) Cut each positive lead adjacent to the existing splice joint (on the main harness side (This assumes you are replacing all links and installing a new sleeve using the LR kit.)
- 5) Fit the new gauze sleeve to the main harness and push back until the harness leads are exposed and you have room to perform the repair.
- 6) Trim back the insulation on the main harness leads 6mm from the cut end.
- 7) Using the correct size (diameter) new fuse link, cut to the appropriate length to the positioning of the new individual splice joint. Trim back the insulation from the cut end.
- 8) Cut suitable lengths of gauze sheathing to cover the complete length of the individual fusible links.
- 9) Fit a heat shrink sleeve over the individual main harness leads.
- 10) Using the inline splice, overlap and crimp the individual fusible link to the appropriate lead on the main harness side.
- 11) Solder the crimped leads together to secure the joint.



- 12) Position the heat shrink sleeve over the spliced joint and using a heat gun shrink the crimped/soldered joint.
- 13) Pull back the individual gauze sleeve to cover the full length of the fusible link. Repeat operations for the remaining fusible links.

