

# TECHNICAL INFORMATION



## Sport and Manual Mode Light Illuminated

No: 86/04/03/NAS  
Ref:  
Issue: 1  
Date: 05/02/03

### AFFECTED VEHICLE RANGE:

Discovery Series II (LT) up to 2A740268

### SITUATION:

#### UNEXPLAINED ILLUMINATION OF SPORT OR MANUAL MODE INSTRUMENT LIGHTS

The customer may complain that the "S" or "M" symbols for the transmission are illuminated without having changed the shift mode. Water may enter the gearbox starter inhibitor switch harness connector via the harness joint causing this symptom.

### RESOLUTION:

#### INSTALL NEW NEUTRAL SAFETY SWITCH AND HARNESS

When the customer complaint has been verified, investigate the source of the problem and, if indicated by the inspection, replace the harness and switch.

### PARTS INFORMATION:

YMD001180 .....Harness - gearbox Qty 1 Without diff lock and with Interlock (NAS)  
UHB100190 .....Switch, neutral safety Qty 1

### WARRANTY CLAIMS:

86.70.20 .....Time: 0.90 Hrs  
Replace gearbox harness  
44.15.19 .....Time: 0.30 Hrs  
Replace start inhibit/neutral safety switch

#### FAULT CODE: L

*Normal warranty policy and procedures apply.  
Material allowance is included in labor operation.*

TIB 86/04/03/NAS	CIRCULATE: TO	Service Mgr X	Warranty X	Workshop X	Body Shop X	Parts X
---------------------	------------------	------------------	---------------	---------------	----------------	------------

## REPAIR PROCEDURE

### INSPECT FOR CORROSION

1. Refer to the RAVE Electrical Library connector view C0675 to identify the start inhibit/neutral safety switch connector location.
2. Inspect the switch harness connector C0675, for corrosion. (Figure 1)

### REPLACE STARTER INHIBITOR SWITCH AND HARNESS

1. If corrosion is evident, refer to the RAVE Workshop Manual section 44.15.19 and replace the start inhibit/neutral safety switch. (Figure 1)



**CAUTION: The harness multi-plug must only be installed after the new harness is installed.**

2. Refer to the RAVE Workshop Manual section 76.25.01 and remove the center console.
3. Disconnect 3 multi-plugs and 2 connectors on the gearbox harness from the gearbox and the transfer box.
4. Disconnect the 3 gearbox harness multi-plugs from the main harness.
5. Feed the gearbox harness through the tunnel and remove the old harness from the vehicle.
6. Feed the new harness through the tunnel and secure the grommet.
7. Connect multi-plugs to the main harness.
8. Install the center console.
9. Connect the 3 gearbox harness multi-plugs and 2 connectors to the gearbox.

Figure 1

### Connector C0675

