



# TECHNICAL ALERT

March 6, 2000

TA00 8601 Ed 2

NAS  US Only  Cda Only

**ATTENTION:** Service Manager Service Advisor Technician

## Loose Electrical Connector at Starter Motor

A number of retailers have encountered 1999 and 2000 MY Bosch EMS-equipped vehicles which fail to start or start intermittently.

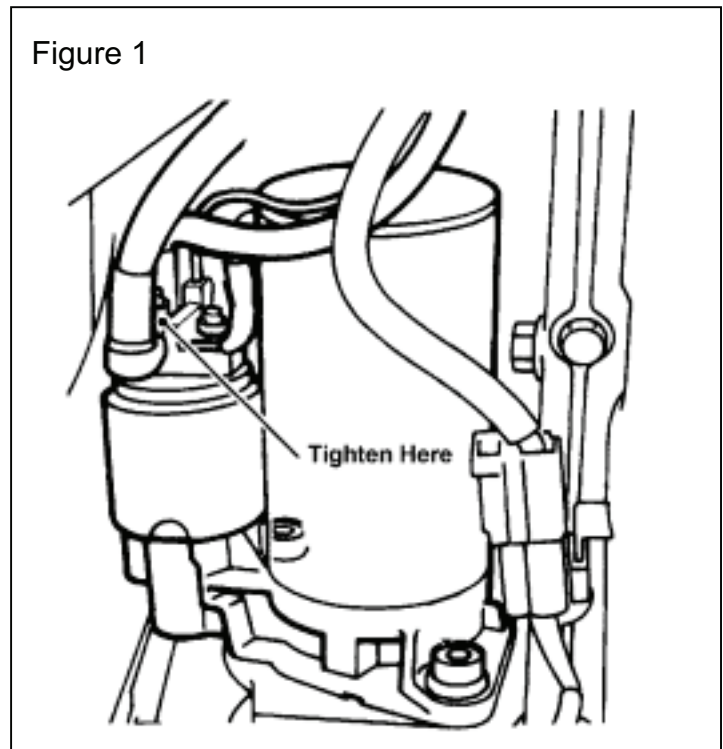
Field reports have indicated that the primary electrical connection on these vehicles may not be adequately torqued to provide a solid electrical connection. Testing of warranty return starters supports the suggestion of a loose connection. Returned starters frequently test "no-fault-found".

Whenever a no-start situation is encountered on 1999 and 2000 "Bosch" Range Rover or Discovery vehicles, the first check should be to tighten the main starter electrical cable connection as follows:

1. First disconnect battery ground terminal.
2. Slacken and remove the battery-lead-to-starter-solenoid-securing nut.
3. Install a star washer on the solenoid stud.
4. Install and tighten the nut to **18 Nm (13 lbf.ft.)**.

Replacement of the starter motor is *not* warranted unless the electrical connection is properly tightened and the no-start condition is determined to still exist.

Figure 1



### WARRANTY CLAIMS:

86.60.89/27 ..... Time 0.20 hrs.

Tighten starter cable

FAULT CODE: S

Normal warranty policy and procedures apply