

TECHNICAL INFORMATION



No: 86/05/02/NAS
 Ref:
 Issue: 1
 Date: 08/09/02

Battery Clamp Bolt Availability

AFFECTED VEHICLE RANGE:

Range Rover (LP)	All
Discovery (LJ)	All
Discovery (LT)	All
Freelander (LN)	All

SITUATION:

BATTERY CLAMP BOLT MAY SHEAR

The customer may complain of non-starting or intermittent electrical problems. The root cause of these symptoms may be a broken battery clamp bolt on either the positive or negative cable clamp.

RESOLUTION:

REPLACEMENT BOLT AVAILABILITY SIMPLIFIES REPAIR

Land Rover has made available the clamp bolt and nut as separate parts to avoid the necessity of replacing the entire wiring harness should a bolt fracture.

PARTS INFORMATION:

YTJ000010	Battery clamp nut and bolt assembly	Qty 1 per clamp
-----------------	-------------------------------------	-----------------

WARRANTY CLAIMS:


86.15.89/34Range Rover, Discovery Series II Time 0.10 hrs
 Freelander Time 0.05 hrs.
 Install replacement battery clamp bolt

FAULT CODE: D

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

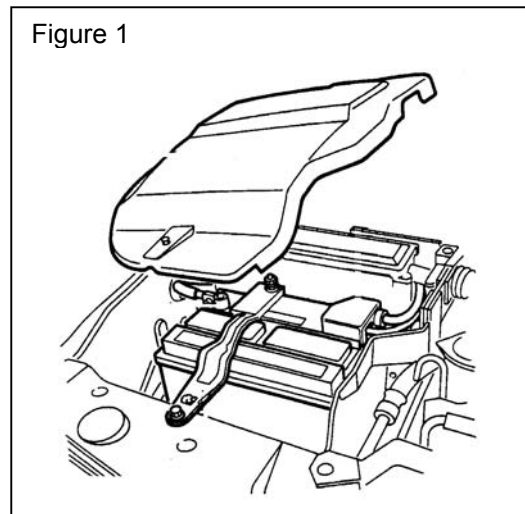
REPAIR PROCEDURE

REPLACE DAMAGED BOLT

 **CAUTION:** Always remove the negative cable first when disconnecting a battery. Refer to the WSM and observe all cautions and warnings.

1. Disconnect battery and extract damaged bolt .
2. Install new bolt and nut (YTJ000010) detailed in parts information.
3. Tighten the new bolt to between **4 and 6 Nm (35.5 – 53 lbf.in.)** on all vehicles.

Figure 1



TIB 86/05/02/NAS	CIRCULATE: TO	Service Mgr X	Warranty X	Workshop X	Body Shop X	Parts X
---------------------	------------------	------------------	---------------	---------------	----------------	------------