# **TECHNICAL INFORMATION**

## LAND? -ROVER - +

No: 84/01/01/NAS

Ref: Issue: 1

Date: 02/16/01

### Windshield Wiper Nut Improvement

#### AFFECTED VEHICLE RANGE:

Discovery Series II (LT) XA200412 to 1A299999

XA900000 to XA907212 1A700000 to 1A703957

#### SITUATION:

#### WINDSHIELD WIPER ARM NUT LOOSENS

During winter operation additional loads can occur to the wiper system if a customer fails to free a wiper from ice or heavy snow prior to operation. The wiper arms may loosen on the spindle taper under these conditions and fail to sweep consistently when switched on. Torque relaxation of wiper arm securing nuts may be a factor in this condition.

#### RESOLUTION:

#### **CONTROL**

If the wiper arm is confirmed to be loose on the tapered seat, replace both wiper arm-securing nuts with new nuts and ensure that the nuts are correctly torqued to the new specification.

#### PARTS INFORMATION:

#### WARRANTY CLAIMS:

84.15.01 .....Time 0.25 hrs.

Install new wiper arm nuts

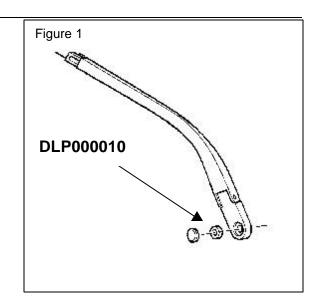
FAULT CODE: G

Normal warranty policy and procedures apply

#### REPAIR PROCEDURE

#### **TITLE**

- 1. Verify loss of wiper arm nut retention torque is the cause of the owner complaint.
- 2. Remove and discard the original nuts.
- 3. Inspect the wiper spindles for damage.
- 4. Install wiper arm and position correctly.
- Install and tighten the new nuts to 20Nm (14.7 lbf.ft.).



TIB	CIRCULATE:	Service Mgr	Warranty	Workshop	Body Shop	Parts
84/01/01/NAS	ТО	X	X	X	X	X

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