TECHNICAL INFORMATION

Series II Wiper Spindle Nuts Loose

No: 86/07/99/NAS
Ref:
Issue: 1
Date: 10/08/99

AFFECTED VEHICLE RANGE:

DISCOVERY Series II (LT)   **Up To   YA238025**

SITUATION:

FRONT WIPER ARMS ARE NOT OPPERATING

On some Discovery Series II vehicles, the front windshield wiper spindle nuts may have loosened during transit. As a result, loose wiper arms may malfunction.

RESOLUTION:

INSTALL AND REPLACE WIPER ARM

When a vehicle produced before the above VIN exhibits symptoms that would suggest a loose spindle nut, remove wiper arm and inspect mounting hole bore for a ridge. Replace arm if mounting hole bore is worn or a ridge has formed. Apply Loctite© 242 to spindle threads and torque spindle nut to
13Nm (10 lbf.ft)

PARTS INFORMATION:

DKB102840.............Wiper arm   Qty. 2
Local Source..........Loctite© 242

WARRANTY CLAIMS:

84.15.01 ....Time 0.20 hrs.
               Inspect both front wiper arms and replace one or both if necessary. Apply Loctite© 242 and torque spindle nut.
               Material Allowance is incorporated into the time allowance for repair
       FAULT CODE: G

Normal warranty policy and procedures apply

TIB 86/07/99/NAS	CIRCULATE: TO	Service Mgr X	Warranty X	Workshop X	Body Shop X	Parts X

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REPAIR PROCEDURE

REPLACE WIPER ARM

1. Remove wiper spindle-nut-cap from each front wiper.

2. Remove wiper spindle nut from each front wiper.

3. Remove each wiper arm.

4. Inspect wiper arm mounting hole bores for wear or the formation of ridges.
    (Figure 1 Reference 1)

5. If wiper arm is damaged perform the following:

    *   Clean all metal shavings from spindle splines. (Figure 1 Reference 2)

    *   Separate wiper blade from arm.

    *   Install old wiper blade on new arm.

6. Apply Loctite© 242 to spindle threads of each front wiper.

7. Install wiper arm assembly.

8. Verify that wiper arms are parallel to flip seal on top edge of cowl.

9. Install spindle nuts on each front wiper spindle and torque to 13 Nm (10 lbf.ft)

10. Install wiper spindle-nut-caps.

Figure 1

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