



Sedan Range

DATE 6/99

10-15

SERVICE

## TECHNICAL BULLETIN

### Steering Column Cassette – Replacement Procedure

MODEL 1995-97 MY  
Sedan Range  
VIN 720001-812255

#### ISSUE:

When stocks of the steering cassette, Part No. LXF 6470AA, are exhausted, the Part Number will be superseded to Part No. JLM 21159, Kit - Steering Cancellation Cassette. This kit consists of a replacement cassette unit, attached to a modified carrier. The method for replacement is outlined below.

#### ACTION:

If the steering cassette needs to be replaced on a 1995-97 MY Sedan Range vehicle, refer to the following procedure.

#### REMOVING STEERING CASSETTE UNIT

1. Disconnect the battery.

**⚠ Warning:** Allow 1 minute to elapse to allow the air bag circuitry to disarm before continuing inside the vehicle.

2. Remove the lower dash panel for access.
3. Ensure that the steering is in the straight-ahead position during the next steps.
4. Remove the air bag, after removing the two screws located in the upper and lower faces of the air bag module.
5. Remove the steering wheel. Use care not to damage the multiplug connectors and harnesses that pass through the wheel hub.
6. Remove the upper and lower steering column cowls. Detach multiplugs as necessary to release the cowls.
7. Disconnect the steering column multiplugs from the rest of the vehicle harness.
8. Remove the screws that retain the carrier frame side members to the column support casting.
9. Remove the 4 screws that secure the column switch assembly and withdraw the assembly from the column.
10. Disassemble the switch assembly - cut and remove the cable ties that secure the wiring to the carrier frame and unsolder the audio speaker. Note the location of tie straps and wiring, so that the original arrangement can be replicated during reassembly.

11. Dismantle the carrier frame into three separate parts, by sliding the side frames upwards relative to the central housing. Discard the center housing.

**⚠ Caution:** The replacement unit is supplied with a paper label locating the two portions of the cassette unit in correct alignment. This label **must never** be removed until the unit has been assembled to the steering column. See step 4 below.

### INSTALLING REPLACEMENT STEERING CASSETTE UNIT

1. Exchange the central housing for the similar part in the Service Kit. Re-assemble the side members and fit and tighten the screws. Resolder the connections to the audio speaker.
2. Fit tie straps to secure the wiring to the carrier frame, as observed during dismantling.
3. Reassemble the column switch assembly to the column support casting, ensuring that no wiring is trapped between the rear face of the switch assembly and the top face of the column support casting.
4. Remove the paper label completely.
5. Reassemble all other components previously removed, in the reverse order of disassembly.

Steering wheel securing bolt: Install a NEW bolt.

Torque wrench setting: 40 Nm

6. Reconnect the battery and reset the clock.

### **PARTS INFORMATION:**

| <u>DESCRIPTION</u>                   | <u>PART NUMBER</u> | <u>QTY</u> |
|--------------------------------------|--------------------|------------|
| Kit - Steering Cancellation Cassette | JLM 21159          | 1          |
| Tie Strap                            | ADU 9028           | 2          |
| Steering Wheel Bolt                  | JSH 11025B/PJ      | 1          |

### **WARRANTY INFORMATION:**

| <u>FAULT CODE</u> | <u>R.O. NUMBER</u> | <u>DESCRIPTION</u>             | <u>TIME ALLOWANCE</u> |
|-------------------|--------------------|--------------------------------|-----------------------|
| TZ DB 28          | 86.65.92           | Replace steering cassette unit | 0.95 hrs.             |