

Rattle – Rear of Vehicle Underbody –  
Repair Procedure

MODEL

1997-99 MY XK8 Range  
1998-99 MY V8 XJ Series

VIN

001001-042775  
812256-878717

**Issue:**

On 1997-99 MY XK8 or 1998-99 V8 XJ Series vehicles, within the above VIN ranges, a rear-end underbody rattle may be caused by the parking brake mechanism.

The concern is more likely to be noticed on an XK8 Convertible model being driven with the convertible top in the down position, rather than on XK8 Coupes or V8 XJ Series Sedans.

**Action:**

In case of a customer complaint of a rear-end underbody rattle on the above vehicles, verify the complaint by performing a road test. During the road test, temporarily apply the parking brake lightly. If the rattle disappears, perform the following modification.

Install rubber sleeves over each parking brake shoe lower return spring (Item 5, Illustration 1). The rubber sleeves will exert pressure on the parking brake shoe spreader mechanism, to prevent it from rattling against the backing plate under certain conditions. Sleeves have been installed in production from VINs A00083 and F00035 (start of 2000 Model Year).

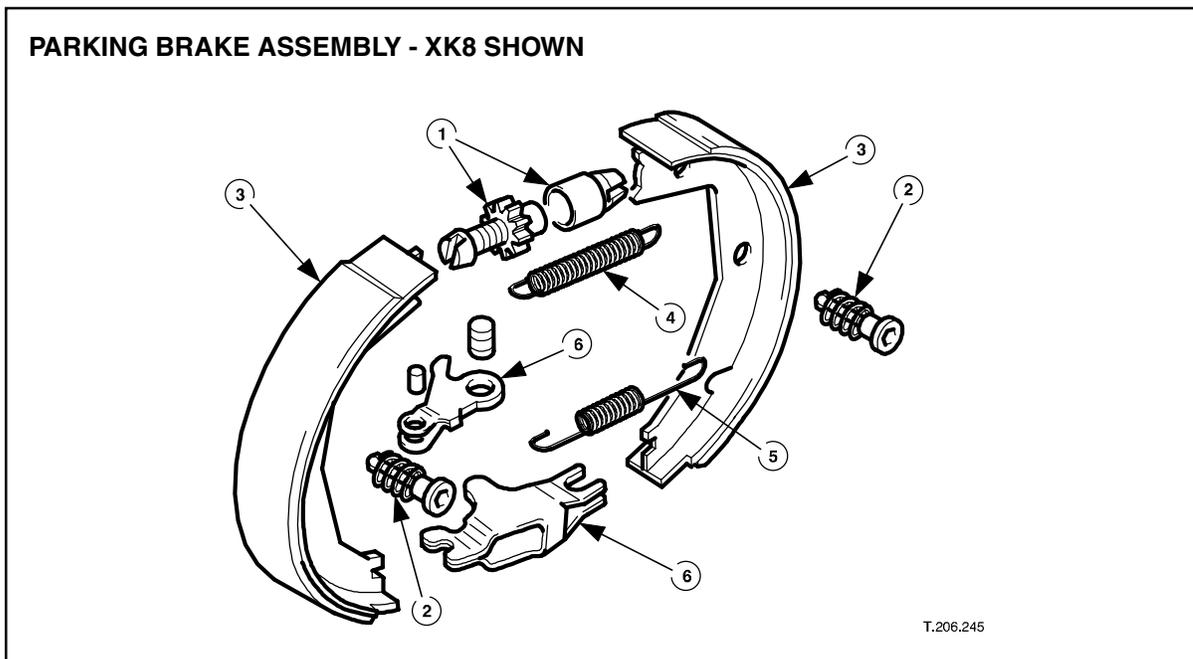


ILLUSTRATION 1

## MODIFICATION PROCEDURE

1. Raise and support the rear of the vehicle. Ensure that the parking brake is fully released.
2. Remove the rear wheels.
3. Disconnect the rear brake calipers, supporting them clear of the rear brake discs.
4. Without disturbing the adjustment of the parking brake shoes, remove the rear brake discs.
5. Release and remove the lower brake shoe return springs.
6. Slide a rubber sleeve over each spring. (See Parts Information).
7. Reinstall the springs, ensuring that the rubber sleeves are centered on each spring and that the sleeves exert a moderate pressure on the shoe spreader mechanism.
8. Reinstall the brake discs, pads, calipers and road wheels.

The above operations are parts of operations described and illustrated in JTIS, Chassis, Section 206-04, SRO 70-10-13 and 206-05, SRO 70-40-05.

### Torque Wrench Settings:

|  |          |    |
|--|----------|----|
| Bolt - Caliper carrier to hub carrier: | 54 - 66  | Nm |
| Guide pin, caliper housing:            | 25 - 30  | Nm |
| Road wheel nuts - steel wheels:        | 68 - 82  | Nm |
| Road wheel nuts - alloy wheels:        | 88 - 102 | Nm |

## Parts Information:

| <u>DESCRIPTION</u> | <u>PART NUMBER</u> | <u>QTY</u> |
|--------------------|--------------------|------------|
| Rubber Sleeve      | MNF 2796AA         | 2          |

## Warranty Information:

| <u>FAULT CODE</u> | <u>R.O. NUMBER</u> | <u>DESCRIPTION</u>   | <u>TIME ALLOWANCE</u> |
|-------------------|--------------------|--|-----------------------|
| HL GH 33          | 70.91.22           | Parking Brake Shoe - Lower Tension Spring Rattle - Service Fix | 0.90 hrs.             |