

**Subject**

**EXCESSIVE TRAVEL OF PARKING BRAKE LEVER**

**Model: X-TYPE**

**Year: 2001.5 to 2003**

**VIN C00294 to D03127**

**Section: 206**

**Brake System**

**Sub-Section: 206-05**

**Parking Brake And Actuation**

**Summary**

This Technical Bulletin has been issued to address customer complaints of a progressive increase in travel of the parking brake lever.

**Action**

The progressive increase in travel is possibly caused by a deterioration of the parking brake lever internal clutch mechanism. The angle at which the clutch engages increases over time due to initial setting of lever components, initial wear and clutch spring elongation. To rectify this concern, a clip should be installed to the clutch spring stop.

On a customer complaint basis only, follow the workshop procedure outlined below.

**Workshop Procedure**

- 1 Open hood, fit fender protectors.
- 2 Remove battery cover, disconnect battery.
- 3 Remove floor console (see Workshop Manual, JTIS CD ROM, section: 501-12).

**Note: Make sure the parking brake lever is in the off position.**

- 4 Using suitable pliers, bend the clutch spring stop away from the clutch spring to obtain a 0.2mm gap. (See Fig. 1) Measure gap using feeler gauges.

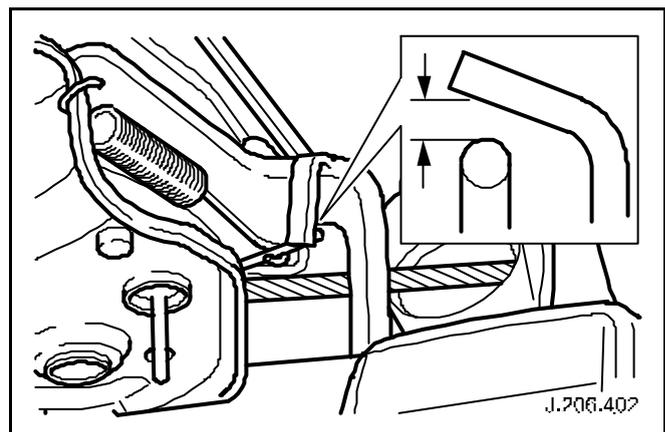


Fig. 1

- 5 Apply parking brake lever by two notches to obtain a suitable gap between the clutch spring and stop.

- 6 Using suitable pliers, install new clip to the stop making sure the curved edge is facing upwards. (See Fig. 2)

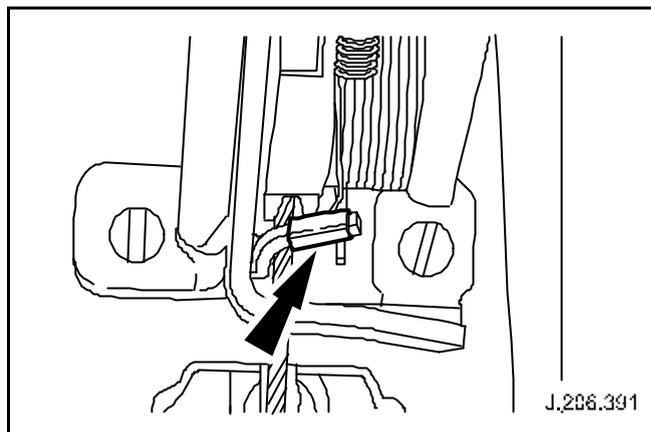


Fig. 2

- 7 Fully release the parking brake lever.  
8 Mark parking brake cable and grommet. (See Fig. 3)

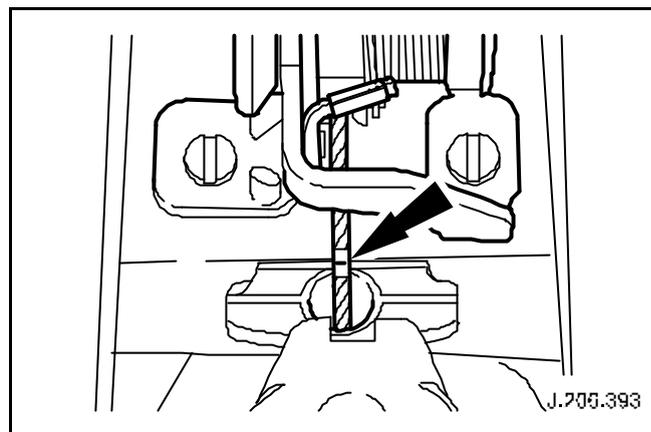


Fig. 3

- 9 Apply parking brake lever one notch and measure distance traveled. (See Fig. 4)

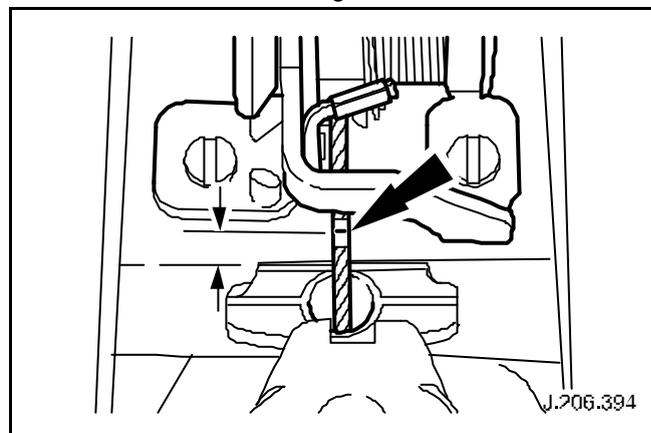


Fig. 4

- 10 Check the stroke measurement according to the following table.

#### Stroke Verification

Manufacturing Date	Stroke
Any date code other than 20 02	8.5 – 10.5mm
With 20 02 date code	11.5 – 13.5mm

**Note:** The manufacture date of the parking brake lever can be obtained from the parking brake lever body. (See Fig. 5)

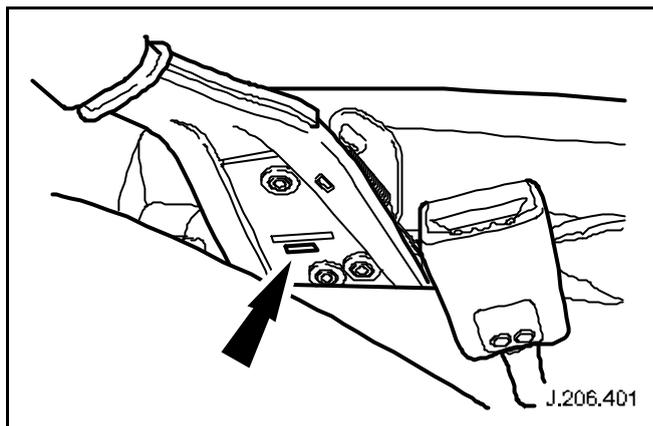


Fig. 5

- 11 If the stroke of the cable is greater than the specified amount, bend clutch spring stop and clip slightly downwards towards the clutch spring until the correct value has been attained. (See Fig. 6)

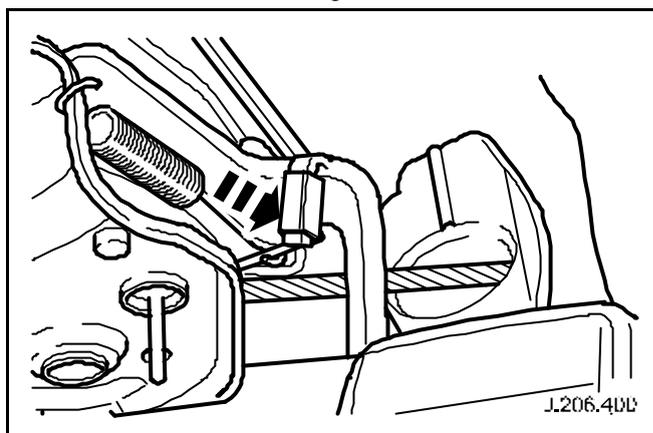


Fig. 6

- 12 If the stroke of the cable is less than the specified amount, bend clutch spring stop and clip slightly upwards away from the clutch spring until the correct value has been attained. (See Fig. 7)

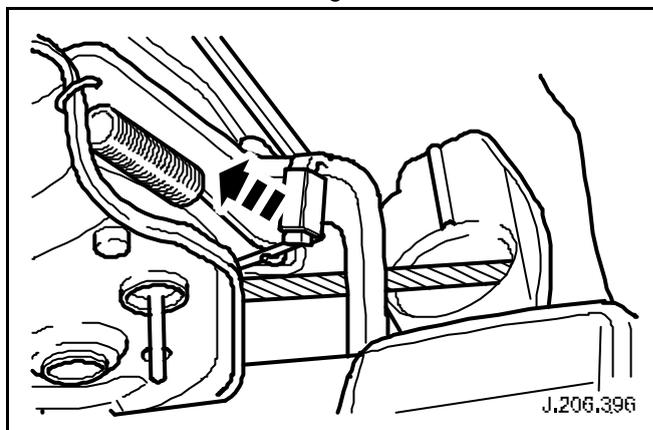


Fig. 7

- 13 Install floor console (see Workshop Manual, JTIS CD ROM, section: 501-12).  
 14 Connect battery, install battery cover.  
 15 Remove fender protectors, close hood.

**Note:** When this Technical Bulletin has been completed it should not be necessary to carry out the parking brake lever resetting process again.

**Parts Information**

The following parts must be ordered via Jaguar Cars Parts Operations (or through NSC/Importer).

<b>Description</b>	<b>Part Number</b>	<b>Quantity</b>
Parking brake lever clip	C2S 26228	1

**Warranty Information**

<b>Description</b>	<b>SRO</b>	<b>Labor Time Allowance</b>	<b>Warranty Code</b>	<b>Causal Part</b>
Parking brake lever resetting process	70 91 26	0.7 Hours	HL-BB-07	C2S 12446