

**Excessive Travel Of Parking Brake Lever –
Internal Clutch Mechanism Wear –
Modification Procedure**MODEL 2002 MY
X-TYPE
VIN C00294-D03127**Issue:**

Some 2002 MY X-TYPE vehicles within the above VIN range may experience a progressive increase in the travel of the parking brake lever.

The progressive increase in travel may be 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.

Action:

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, SRO 76.25.01).

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

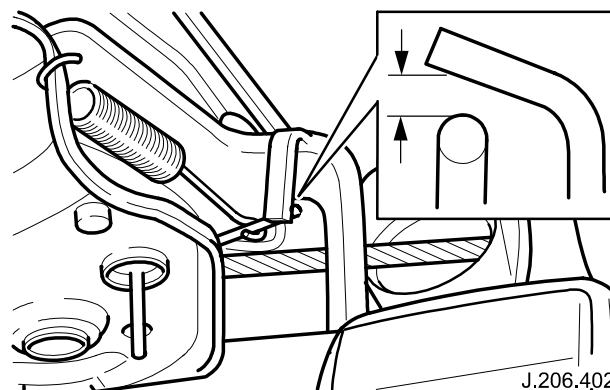
BEND SPRING STOP

ILLUSTRATION 1

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

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

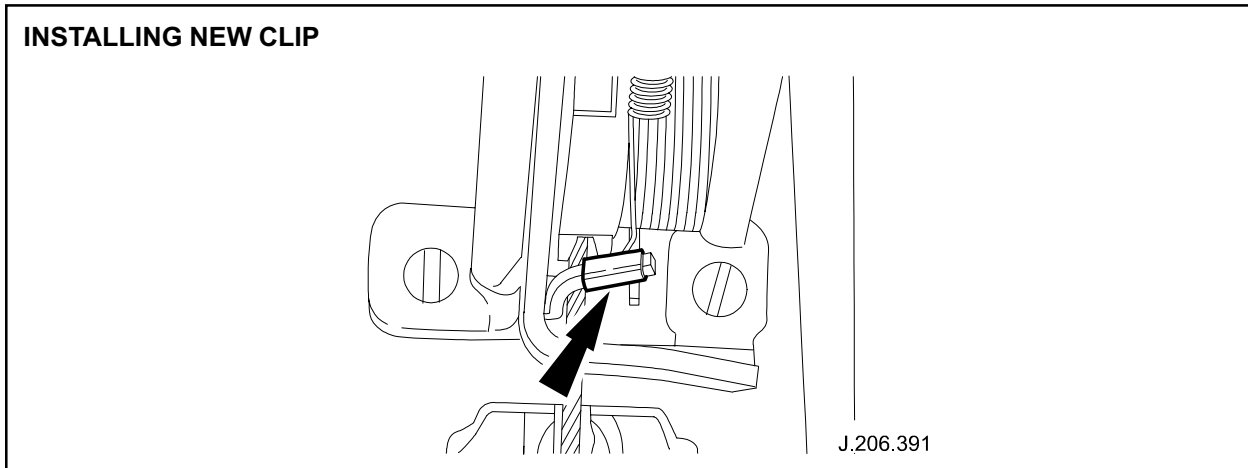


ILLUSTRATION 2

6. Using suitable pliers, install new clip to the stop making sure the curved edge is facing upwards (Illustration 2).
7. Fully release the parking brake lever.

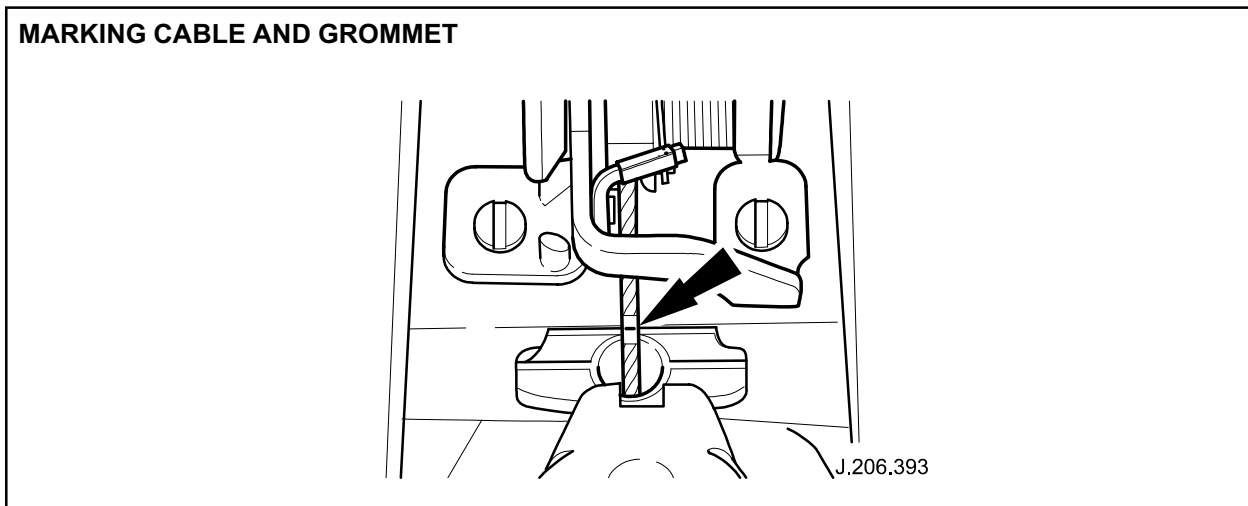


ILLUSTRATION 3

8. Mark parking brake cable and grommet (Illustration 3).

DISTANCE TO MEASURE

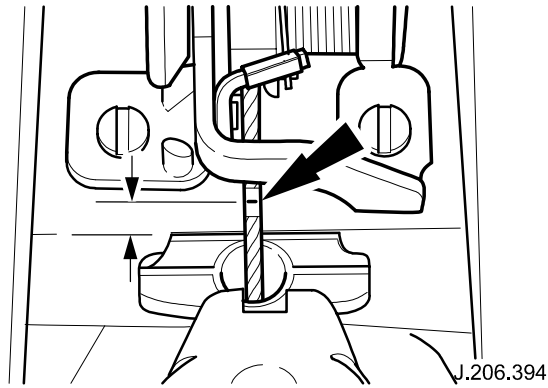


ILLUSTRATION 4

9. Apply parking brake lever one notch and measure distance traveled. (Illustration 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 (Illustration 5).

LOCATION OF MANUFACTURING DATE

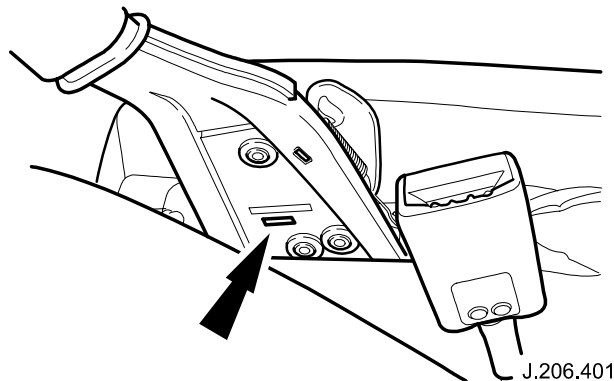


ILLUSTRATION 5

BENDING STOP DOWNWARD

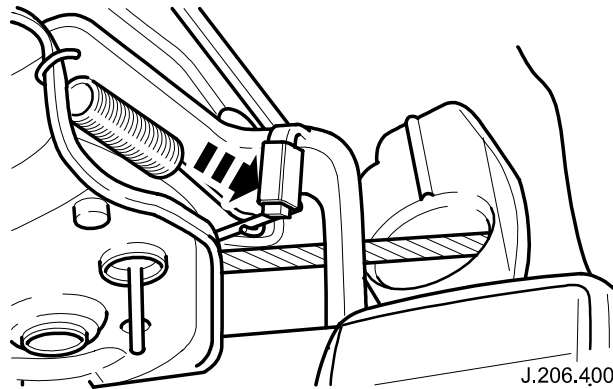


ILLUSTRATION 6

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 (Illustration 6).

BENDING STOP UPWARD

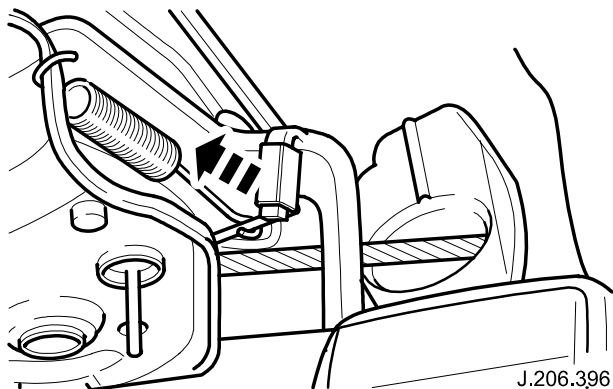


ILLUSTRATION 7

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 (Illustration 7).
13. Install floor console (see Workshop Manual, JTIS CD ROM, section: 501-12, SRO 76.25.01).
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:

DESCRIPTION	PART NUMBER	QTY
Parking brake lever clip	C2S 26228	1

Warranty Information:

Warranty claims should be submitted quoting the information found in the table below. This will result in payment of the stated time and, where applicable parts/miscellaneous expense codes as listed.

Description	SRO	Time	Causal Part Number	Causal Part Description
Parking brake lever resetting process	70.91.26	0.7 hrs.	C2S 12446	Parking brake cable and equalizer