

Rear Differential Mount Bushing

DIFFERENTIALS

8. Rear Differential Mount Bushing

A: INSPECTION

Check the rear differential mounting bushing for cracks, hardening, or damage. If cracking, hardening, or damage is excessive, replace the rear differential mounting bushing.

B: REPLACEMENT

1) Remove the rear differential. <Ref. to DI-18, REMOVAL, Rear Differential.>

2) Remove the rear differential mounting bushing using ST1 to 7.

(1) Select the removal tools from the special tool ASSY (41399FG000).

(2) Apply grease to the thread area of the shaft of ST1 and to the bearing of ST4.

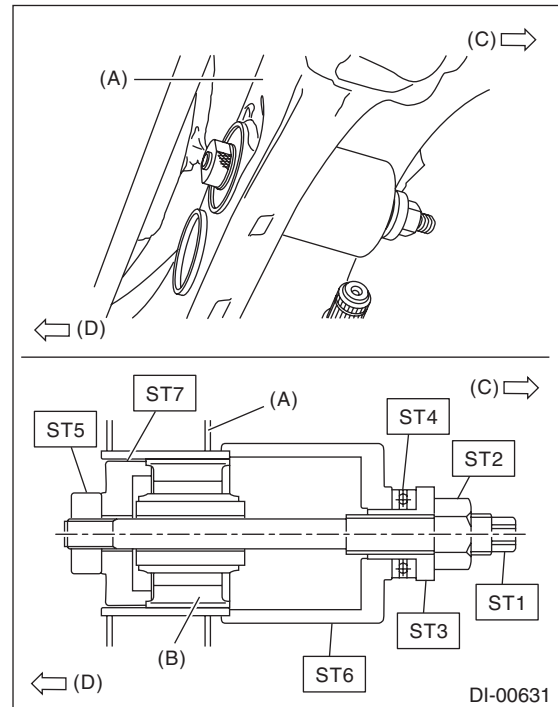
(3) Set the ST as the illustration shows, and manually tighten the ring of ST5 until it stops.

(4) Hold the end of the shaft of ST1 using a spanner, and tighten the nut of ST2 until the rear differential mounting bushing is detached from the sub frame.

CAUTION:

Rotating the shaft of ST1 may loosen ST5 and cause damage to the ST; therefore, be sure to hold the ST1.

| | | |
|-----|------------|----------------------|
| ST1 | 41399FG090 | SPECIAL TOOL SHAFT |
| ST2 | 41399FG070 | SPECIAL TOOL NUT |
| ST3 | 41399FG050 | SPECIAL TOOL SLEEVE |
| ST4 | 41399FG080 | SPECIAL TOOL BEARING |
| ST5 | 41399FG060 | SPECIAL TOOL RING |
| ST6 | 41399FG010 | SPECIAL TOOL A |
| ST7 | 41399FG030 | SPECIAL TOOL C |



- (A) Sub frame
- (B) Rear differential mounting bushing
- (C) Front
- (D) Rear

3) Install the rear differential mounting bushing using ST1 to 7.

(1) Select the installation tools from the special tool ASSY (41399FG000).

(2) Set the ST as the illustration shows, and manually tighten the ring of ST5 until it stops.

CAUTION:

Be careful not to mistake the orientation of the ST7 to be installed.

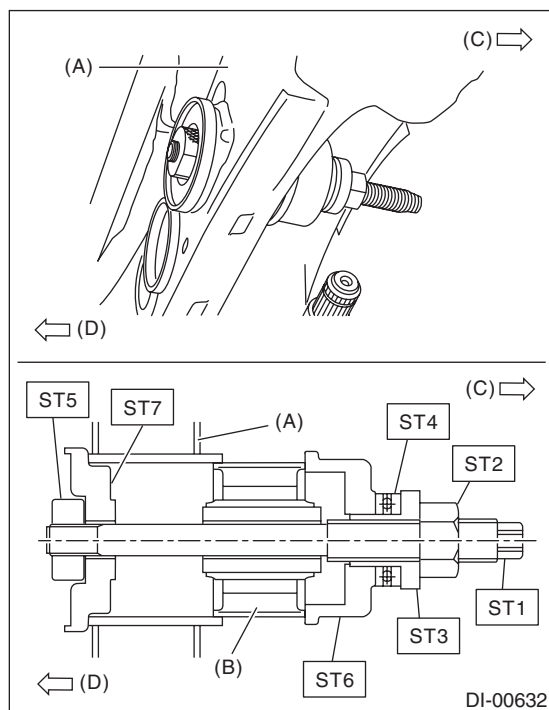
(3) Hold the end of the shaft of ST1 using a spanner, tighten the nut of ST2, and press-fit until ST6 touches the end face of the sub frame.

CAUTION:

• **Rotating the shaft of ST1 may loosen ST5 and cause damage to the ST. Be sure to hold the ST1.**

- Be aware that, after ST6 has touched the sub frame end face, tightening the nut of ST2 again may cause damage to the ST.

| | | |
|-----|------------|----------------------|
| ST1 | 41399FG090 | SPECIAL TOOL SHAFT |
| ST2 | 41399FG070 | SPECIAL TOOL NUT |
| ST3 | 41399FG050 | SPECIAL TOOL SLEEVE |
| ST4 | 41399FG080 | SPECIAL TOOL BEARING |
| ST5 | 41399FG060 | SPECIAL TOOL RING |
| ST6 | 41399FG020 | SPECIAL TOOL B |
| ST7 | 41399FG040 | SPECIAL TOOL D |



- (A) Sub frame
(B) Rear differential mounting bushing
(C) Front
(D) Rear

4) Install the rear differential. <Ref. to DI-20, INSTALLATION, Rear Differential.>