

6. Rear Differential Side Oil Seal

A: INSPECTION

Make sure that there is no oil leakage from side oil seal.

If there is oil leakage, replace the oil seal.

B: REPLACEMENT

- 1) Disconnect the ground cable from battery.
- 2) Shift the select lever or gear shift lever to neutral.
- 3) Release the parking brake.
- 4) Jack-up the vehicle and support it with rigid racks.

- 5) Remove the rear exhaust pipe and muffler.

Non-turbo model

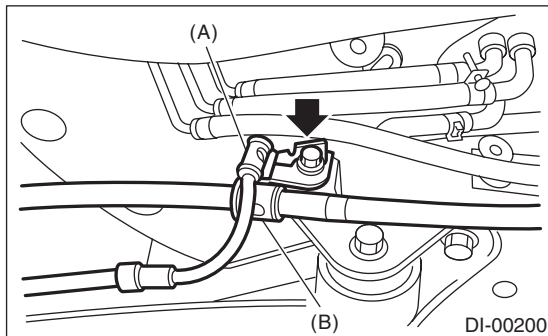
<Ref. to EX(H4SO)-8, REMOVAL, Rear Exhaust Pipe.>and <Ref. to EX(H4SO)-9, REMOVAL, Muffler.>

Turbo model

<Ref. to EX(H4DOTC)-12, REMOVAL, Rear Exhaust Pipe.> <Ref. to EX(H4DOTC)-14, REMOVAL, Muffler.>

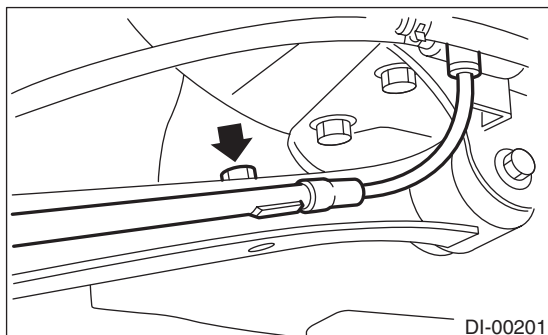
- 6) Remove the DOJ of rear drive shaft from rear differential.

- (1) Remove the ABS wheel speed sensor cable clamp and the parking brake cable clamp from bracket.

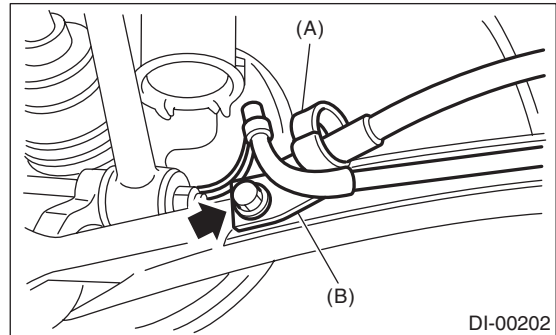


- (A) ABS wheel speed sensor cable clamp
(B) Parking brake cable clamp

- (2) Remove the ABS wheel speed sensor cable clamp from the trailing link.

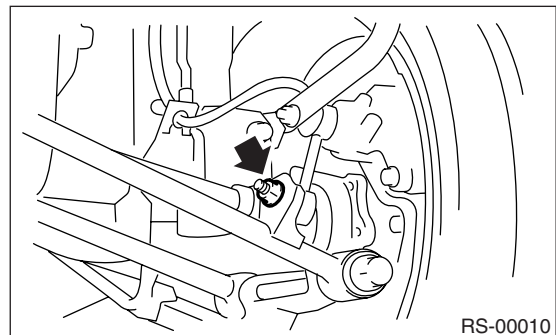


- (3) Remove the ABS wheel speed sensor cable clamp and the parking brake cable guide from the trailing link.

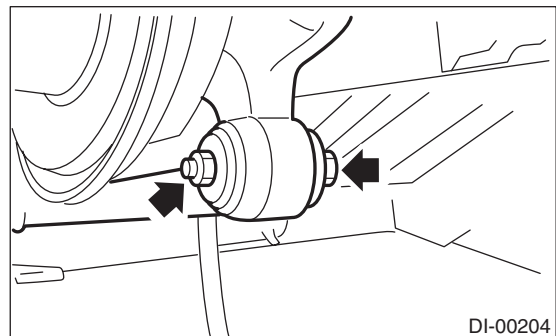


- (A) Parking brake cable guide
(B) ABS wheel speed sensor cable clamp

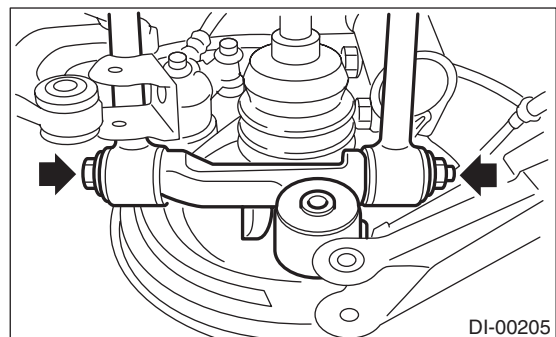
- (4) Remove the rear stabilizer link.



- (5) Remove the bolts which secure the trailing link to the housing.



- (6) Remove the bolts which secure the front and rear lateral links to the rear housing.

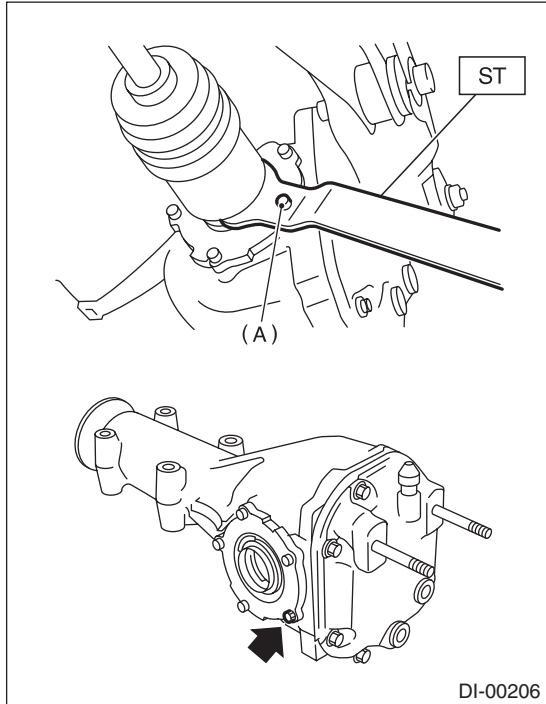


(7) Remove the DOJ from the rear differential by using ST.

NOTE:

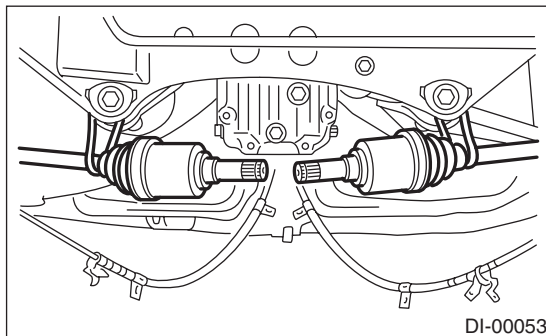
When removing the DOJ from the rear differential, fit the ST to the bolts (A) as shown in figure so as not to damage the side bearing retainer.

ST 28099PA100 DRIVE SHAFT REMOVER

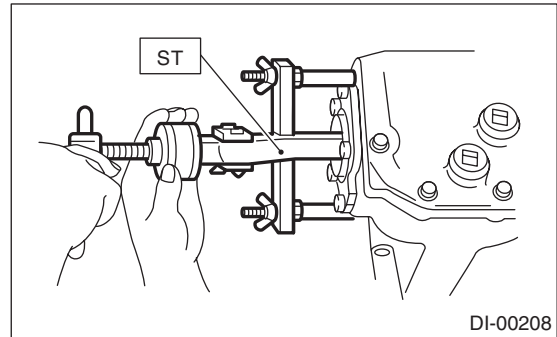


(A) Bolt

7) Suspend the rear drive shaft to the rear cross-member using wire.



8) Remove the oil seal using ST.
ST 398527700 PULLER ASSY

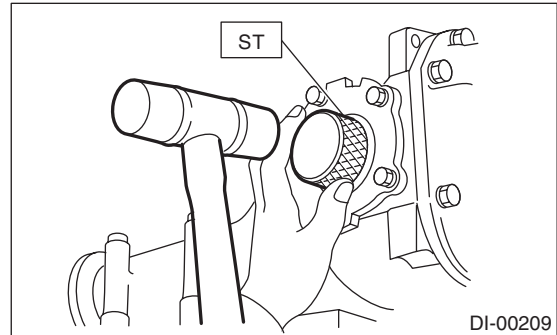


9) Install a new side oil seal using the ST.

NOTE:

Apply chassis grease to the oil seal lips.

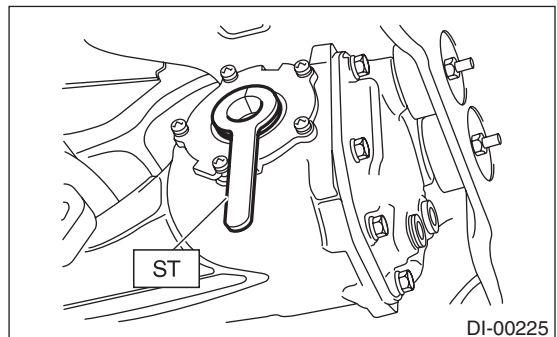
ST 398437700 DRIFT



10) Insert the DOJ into rear differential.

(1) Install the ST to rear differential.

ST 28099PA090 SIDE OIL SEAL PROTECTOR

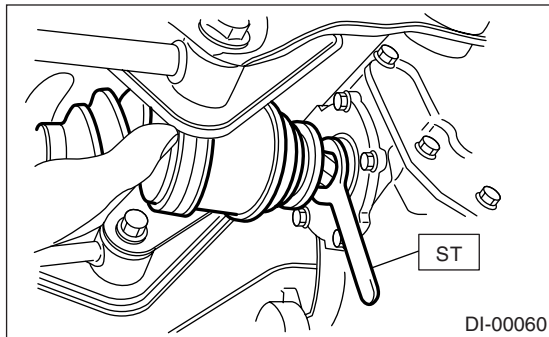


Rear Differential Side Oil Seal

DIFFERENTIAL

(2) Install the spline shaft until the spline portion is inside the side oil seal using ST.

ST 28099PA090 SIDE OIL SEAL PROTECTOR



(3) Remove the ST.

ST 28099PA090 SIDE OIL SEAL PROTECTOR

11) Hereafter, reassemble in the reverse order of disassembly.