

### 6. Rear Differential Side Oil Seal

#### A: INSPECTION

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

If there is any oil leakage, replace the oil seal.

#### B: REPLACEMENT

- 1) Disconnect the ground terminal from battery.
- 2) Move the select lever or gear shift lever to "N".
- 3) Release the parking brake.
- 4) Loosen both wheel nuts.
- 5) Jack-up the vehicle and support it with rigid racks.
- 6) Remove the wheels.
- 7) Remove the rear exhaust pipe and muffler.

Non-turbo model:

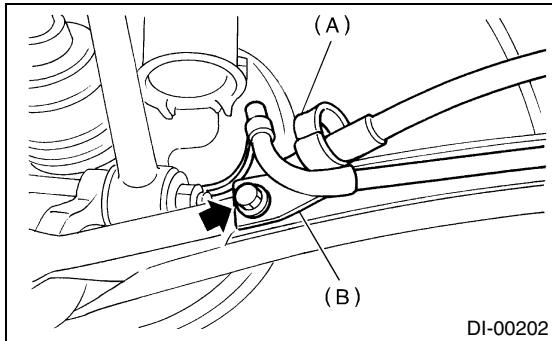
<Ref. to EX(H4SO)-9, REMOVAL, Rear Exhaust Pipe.> and <Ref. to EX(H4SO)-10, REMOVAL, Muffler.>

Turbo model:

<Ref. to EX(H4DOTC)-13, REMOVAL, Rear Exhaust Pipe.> and <Ref. to EX(H4DOTC)-14, REMOVAL, Muffler.>

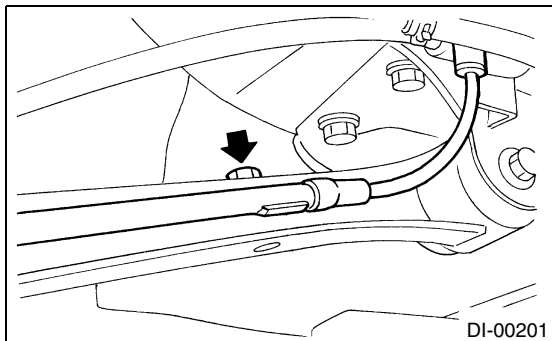
- 8) Remove the DOJ of rear drive shaft from rear differential.

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

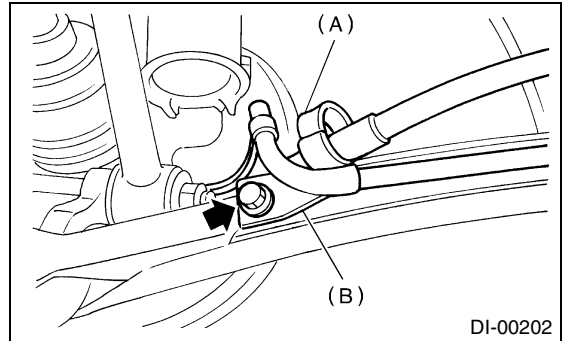


- (A) ABS sensor cable clamp  
(B) Parking brake cable guide

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

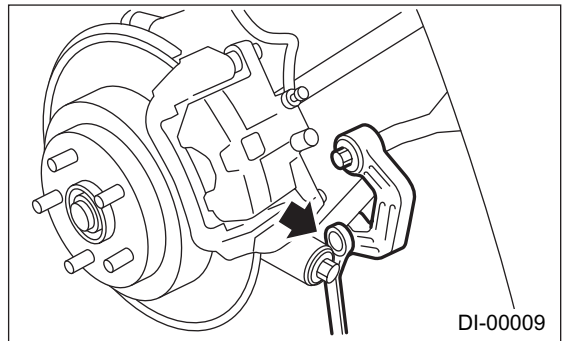


- (3) Remove the ABS sensor cable clamp and parking brake cable guide from the trailing link.

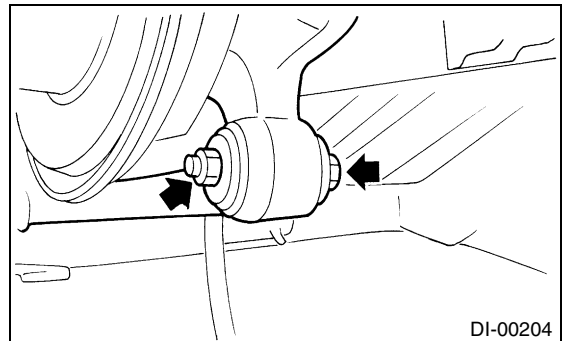


- (A) ABS sensor cable clamp  
(B) Parking brake cable guide

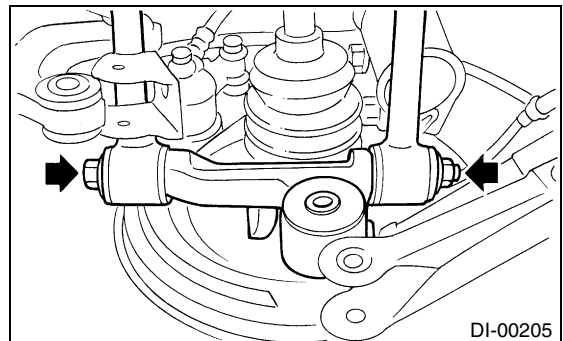
- (4) Remove the rear stabilizer link.



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



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

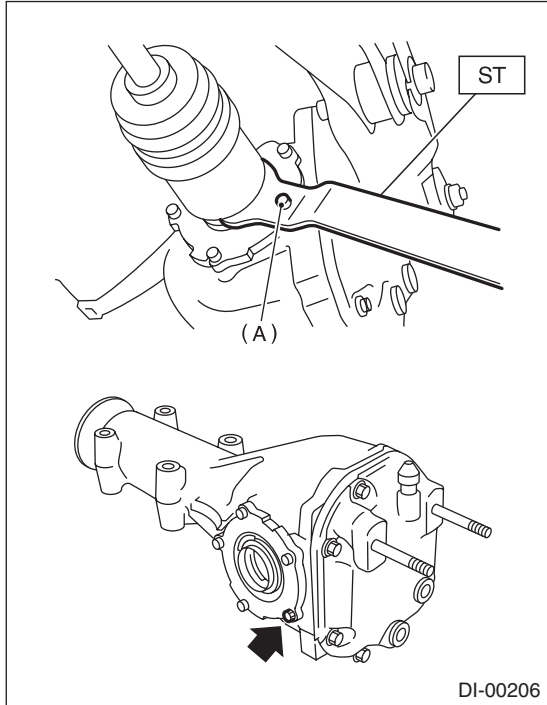


(7) Remove the DOJ from the rear differential by using ST.

**CAUTION:**

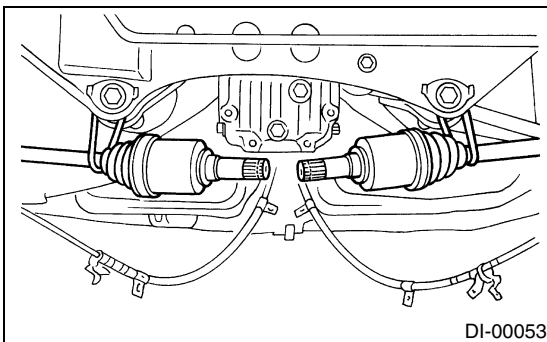
When removing the DOJ from the rear differential, fit ST to the bolts as shown in figure so as not to damage the side bearing retainer.

ST 28099PA100 DRIVE SHAFT REMOVER



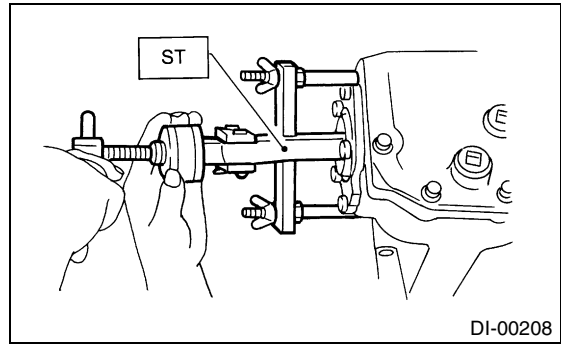
(A) Bolt

9) Remove the rear drive shaft to rear crossmember using wire.



10) Remove oil seal with ST.

ST 398527700 PULLER ASSY

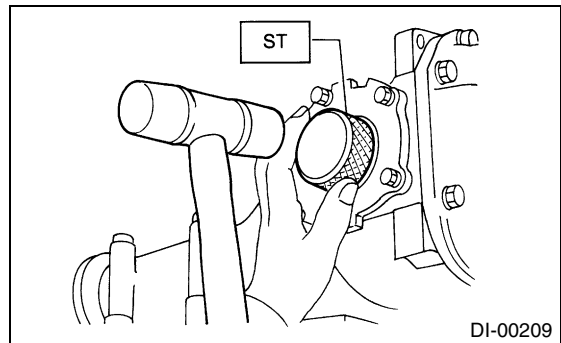


11) Drive in a new side oil seal with ST.

**CAUTION:**

Apply chassis grease between the oil seal lips.

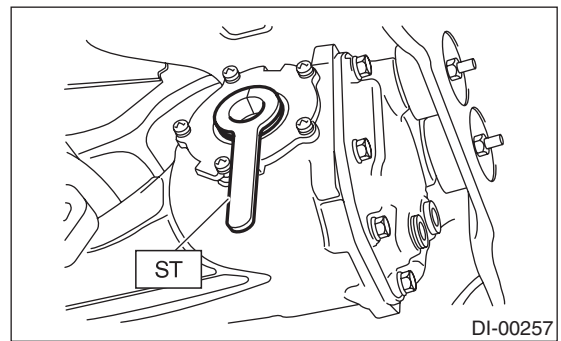
ST 398437700 DRIFT



12) Insert the DOJ into rear differential.

(1) Install the ST to rear differential.

ST 28099PA090 SIDE OIL SEAL PROTECTOR



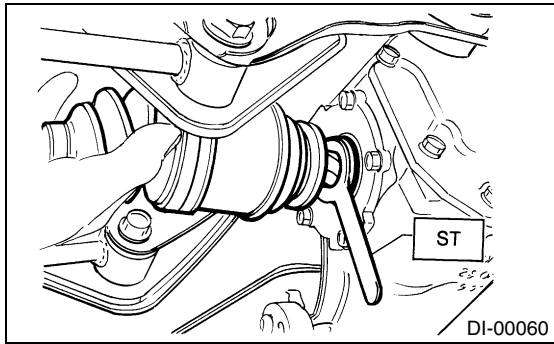
(2) Install the spline shaft until the spline portion is inside the side oil seal using ST.

ST 28099PA090 SIDE OIL SEAL PROTECTOR

## REAR DIFFERENTIAL SIDE OIL SEAL

### DIFFERENTIALS

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(3) Remove ST.

ST 28099PA090 SIDE OIL SEAL PROTECTOR

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

14) Fill differential carrier with gear oil to the filler plug level. <Ref. to DI-18, Differential Gear Oil.>