

6. Rear Differential Side Oil Seal

A: INSPECTION

Inspect for oil leakage from the side oil seal.
If there is oil leakage, replace the oil seal.

B: REPLACEMENT

- 1) Shift the select lever or gear shift lever to neutral.
- 2) Release the parking brake.
- 3) Loosen the wheel nuts.
- 4) Lift up the vehicle
- 5) Remove the wheels.
- 6) Remove the rear exhaust pipe and muffler.

- Non-turbo model

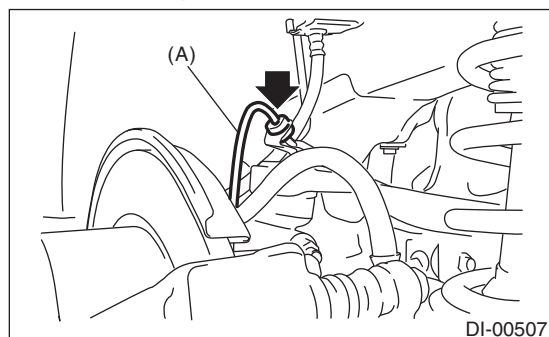
<Ref. to EX(H4SO)-8, REMOVAL, Rear Exhaust Pipe.> <Ref. to EX(H4SO)-10, REMOVAL, Muffler.>

- Turbo model

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

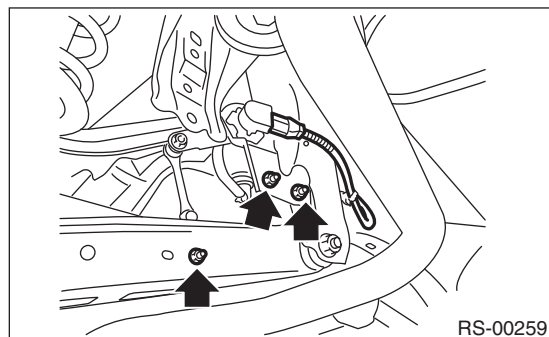
- 7) Remove the DOJ of rear drive shaft from rear differential.

- (1) Remove the ABS wheel speed sensor cable from the clamp.

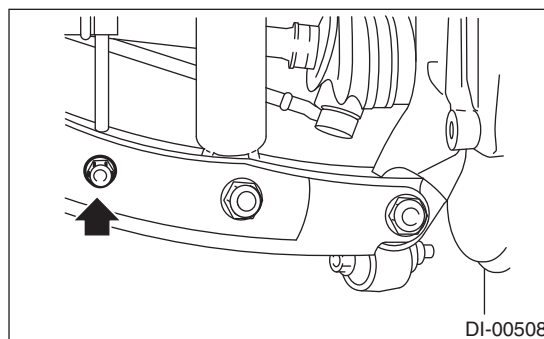


(A) ABS wheel speed sensor cable

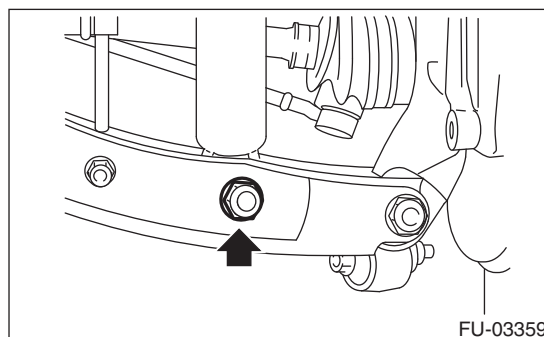
- (2) Disconnect the connector and remove the nut to remove the rear vehicle height sensor. (models with auto headlight beam leveler, left side only)



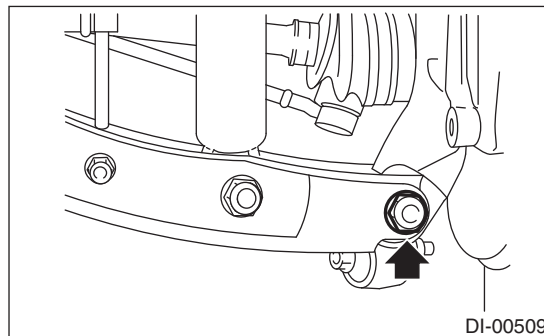
- (3) Remove the bolts which secure the rear stabilizer link to the rear lateral link.



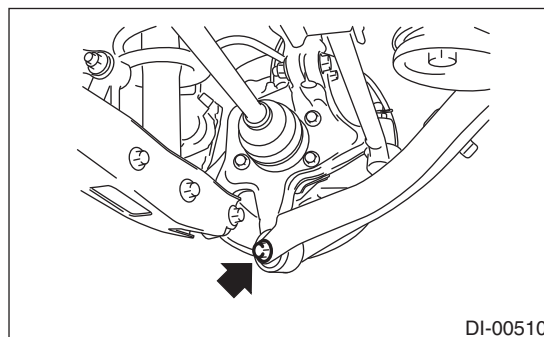
- (4) Remove the bolts which secure the shock absorber to the rear lateral link.



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



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



Rear Differential Side Oil Seal

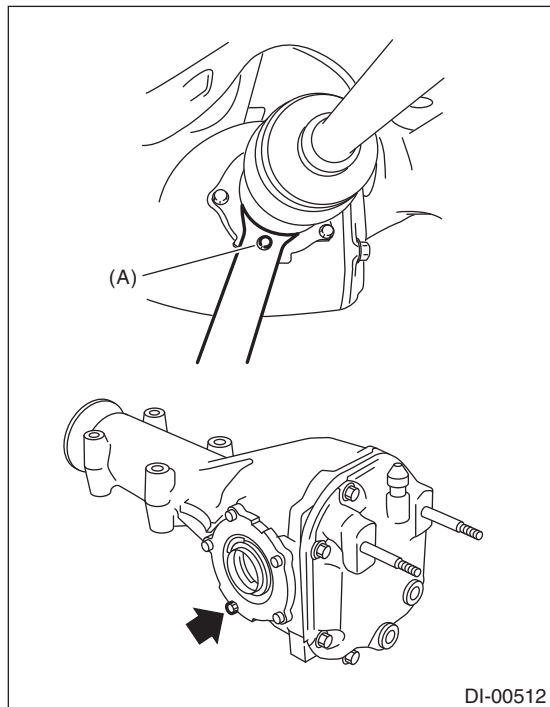
DIFFERENTIALS

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

NOTE:

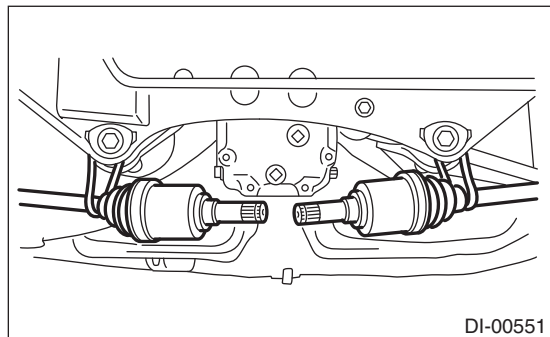
When removing the DOJ from the rear differential, fit the ST to the bolts as shown in the figure so as not to damage the side retainer.

ST 28099PA100 DRIVE SHAFT REMOVER

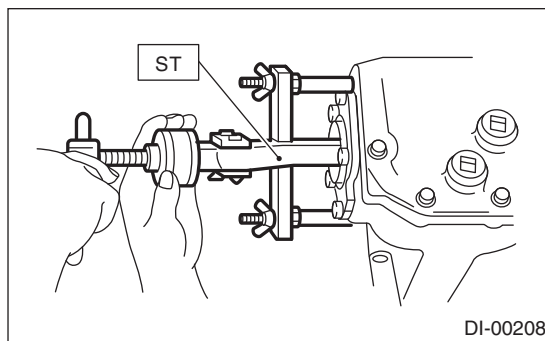


(A) Bolt

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



- 9) Remove the oil seal using ST.
ST 398527700 PULLER ASSY

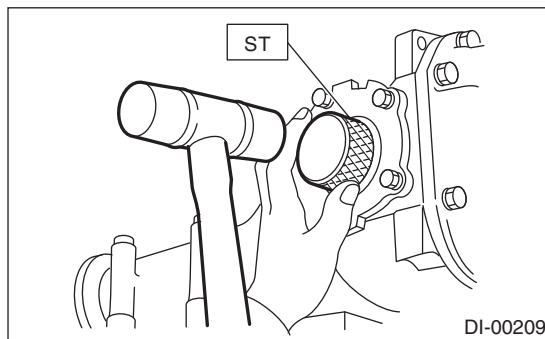


- 10) Install a new side oil seal using the ST.

NOTE:

Apply differential gear oil to the oil seal lips.

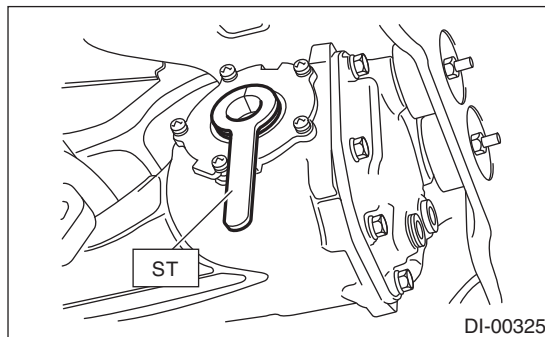
ST 398437700 DRIFT



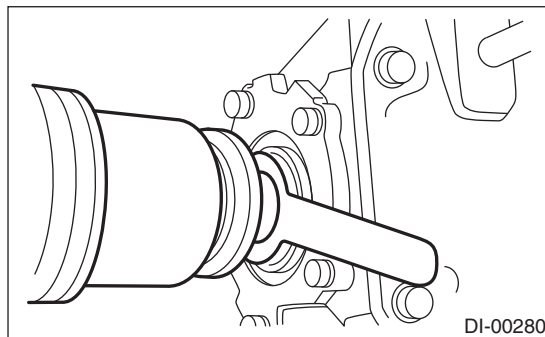
- 11) Insert the DOJ into rear differential.

- (1) Attach the ST to rear differential.

ST 28099PA090 OIL SEAL PROTECTOR



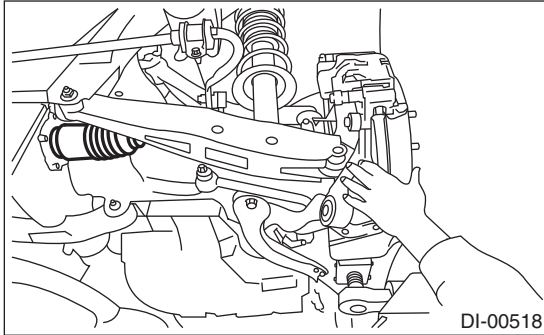
- (2) Insert the spline shaft until the spline portion comes inside the side oil seal.



(3) Remove ST from rear differential.

ST 28099PA090 OIL SEAL PROTECTOR

(4) Push the housing to insert DOJ completely into rear differential.



12) Installing procedure hereafter is in the reverse order of removal.

13) Inspect the wheel alignment and adjust if necessary.

14) Re-initialize the auto headlight beam leveler system. (models with auto headlight beam leveler) <Ref. to LI-15, PROCEDURE, Auto Headlight Beam Leveler System.>