

CAUTION / NOTICE / HINT

HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

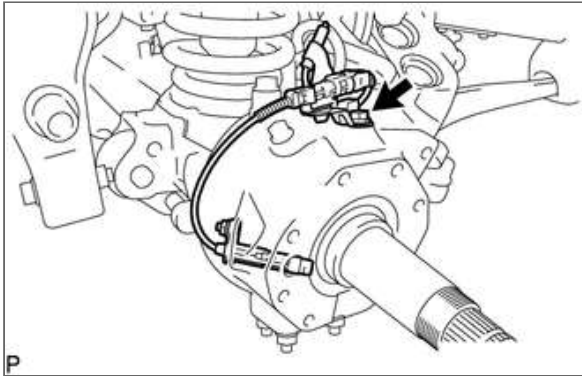
PROCEDURE

1.REMOVE FRONT AXLE HUB SUB-ASSEMBLY LH

43502C

[Click here](#)Drivetrain>AXLE AND DIFFERENTIAL>FRONT AXLE HUB>REMOVAL**2.DISCONNECT FRONT SPEED SENSOR LH (w/ ABS)**

a.

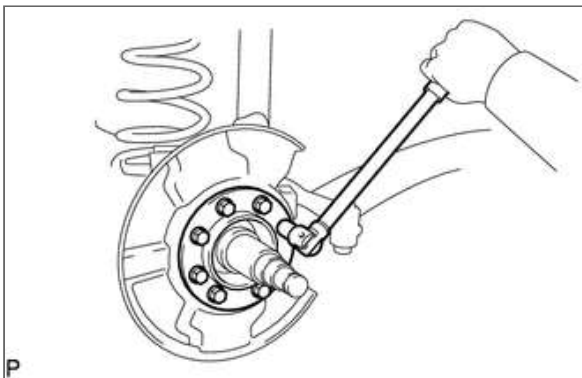


Remove the bolt and disconnect the front speed sensor LH.

3.REMOVE STEERING KNUCKLE SPINDLE SUB-ASSEMBLY

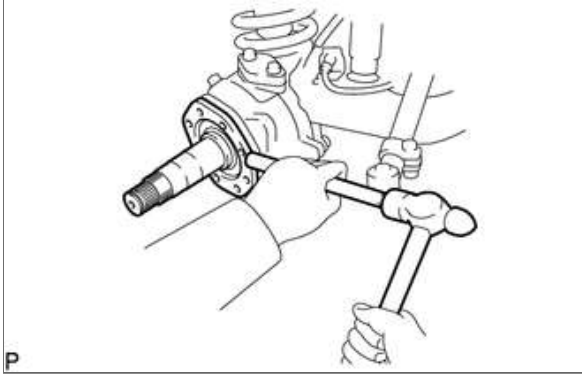
43401

a.



Remove the 8 bolts, front axle hub dust seal, knuckle spindle oil retainer gasket and front disc brake dust cover.

b.



Using a brass bar and hammer, tap the knuckle spindle of the steering knuckle.

c. Remove the knuckle spindle and knuckle spindle gasket.



4.REMOVE FRONT AXLE SHAFT ASSEMBLY

a. Position one flat part of the outer shaft upward and remove the front axle shaft assembly.

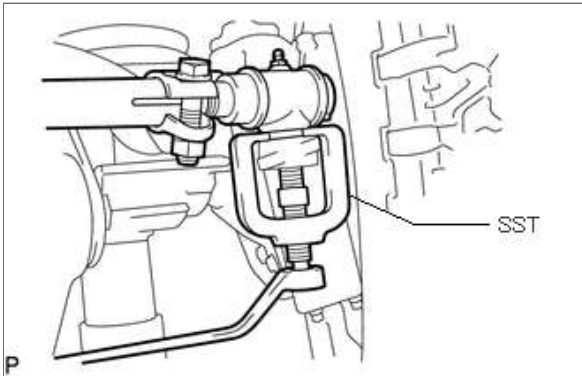


5.DISCONNECT STEERING RELAY ROD (for RHD)

45451

a. Remove the cotter pin and nut.

b.



Using SST, disconnect the steering relay rod from the steering knuckle arm.

SST

09611-22012

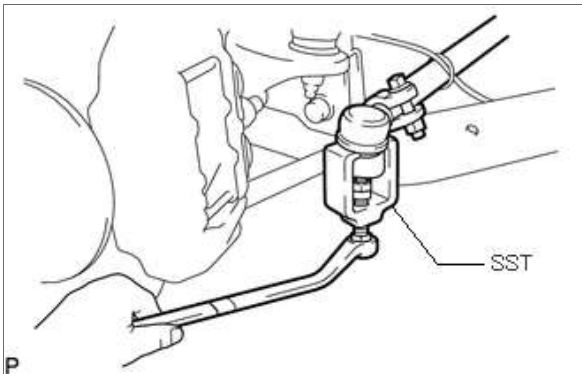


6.DISCONNECT TIE ROD END SUB-ASSEMBLY LH

45047

a. Remove the cotter pin and nut.

b.

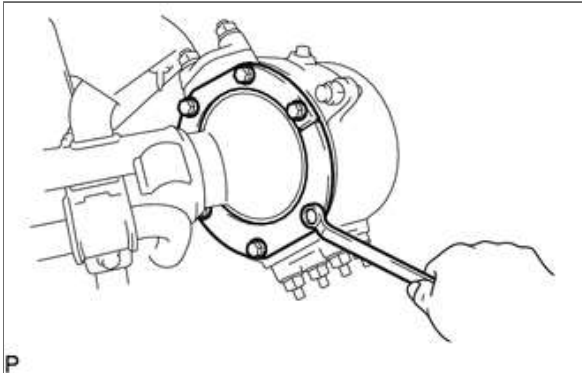


Using SST, disconnect the tie rod from the steering knuckle arm.

7.REMOVE STEERING KNUCKLE OIL SEAL COVER

43241

a.

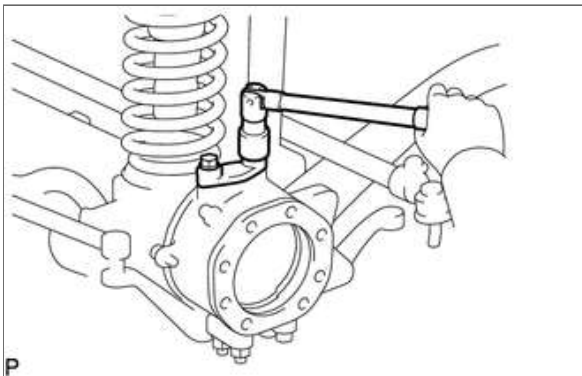


Remove the 6 bolts and 2 steering knuckle oil seal covers.

8.REMOVE STEERING KNUCKLE BEARING CAP

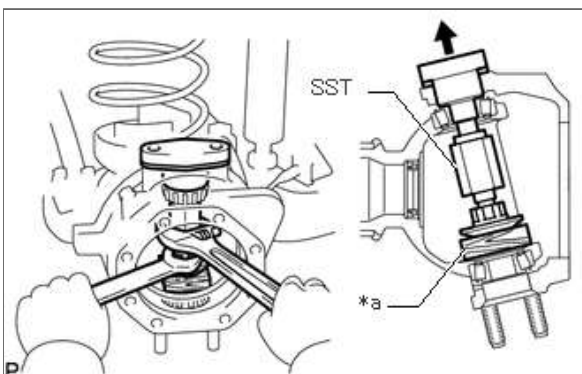
43232

a.



Remove the 2 bolts from the bearing cap.

b.

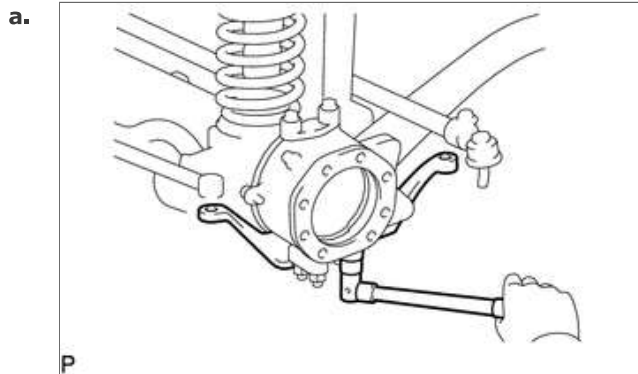


*a	Wooden plate
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Using SST and wooden plate, remove the steering knuckle bearing cap and shim from the steering knuckle.

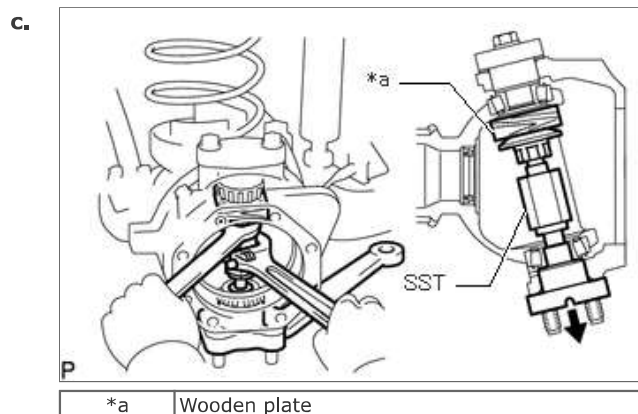
9.REMOVE NO. 1 STEERING KNUCKLE ARM

45611G



Remove the 4 nuts from the No. 1 steering knuckle arm.

b. Using a brass bar and hammer, tap on the heads of the 4 bolts to remove the 4 cone washers.



Using SST and wooden plate, remove the No. 1 steering knuckle arm from the steering knuckle.

SST

09606-60020

d. Remove the steering knuckle king pin dust or ring seal from the No.1 steering knuckle arm.

10.REMOVE NO. 2 STEERING KNUCKLE ARM

45612A

HINT:

Use the same procedure described for the No. 1 steering knuckle arm.

11.REMOVE STEERING KNUCKLE OIL SEAL SUB-ASSEMBLY

43204

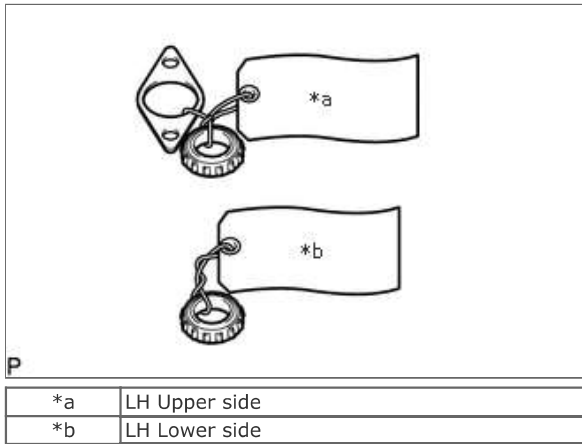
a. Remove the steering knuckle outer oil seal, steering knuckle inner oil seal and steering knuckle oil seal inner ring from the steering knuckle.

12.REMOVE STEERING KNUCKLE LH

43212

a. Remove the steering knuckle from the front axle housing assembly.

b.



Remove 2 steering knuckle arm bearings from the steering knuckle.

HINT:
Mark the removed adjusting shim and bearings so as to enable reassembling them to their proper positions.

c.



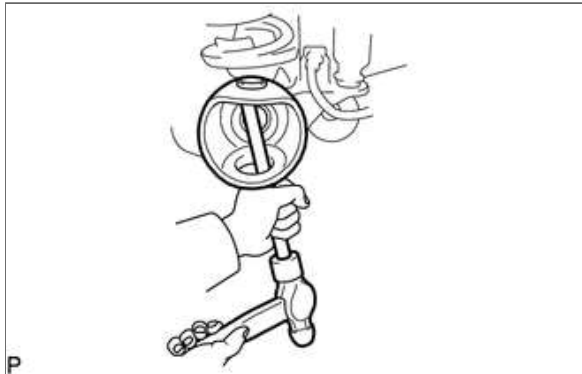
Using an E12 "TORX" socket wrench, remove the 4 steering set stud bolts from the steering knuckle LH.



13.REMOVE STEERING KNUCKLE ARM BEARING

45611F

a.

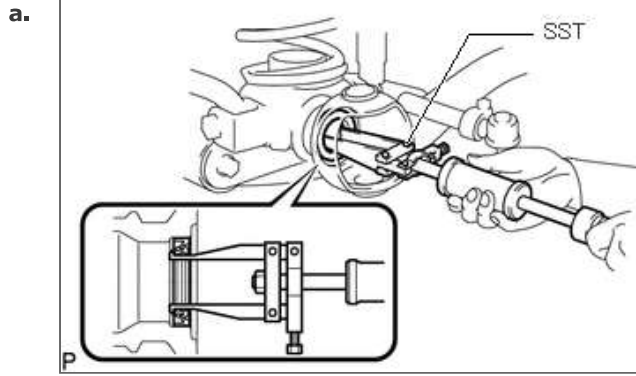


Using a brass bar and hammer, remove the 2 bearing outer races.



14.REMOVE FRONT DRIVE SHAFT TYPE T OIL SEAL

43411D



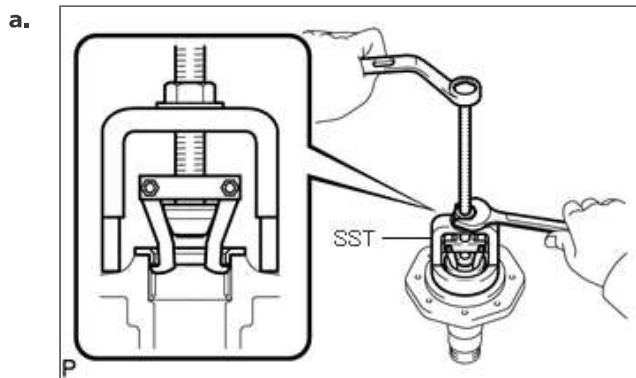
Using SST, remove the front drive shaft type T oil seal from the front axle housing assembly.

SST

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15.REMOVE STEERING KNUCKLE BUSHING

43211R



Using SST, remove the steering knuckle bushing from the steering knuckle spindle.

SST

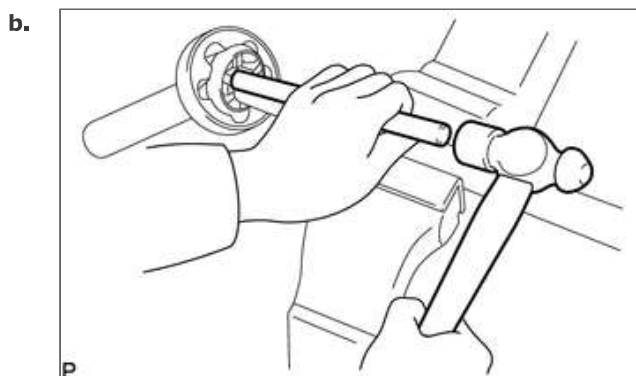
09612-65014 (09612-01010, 09612-01050)

- b. Remove the needle roller bearing from the steering knuckle spindle.

16.REMOVE FRONT AXLE OUTER SHAFT SUB-ASSEMBLY

43405

- a. Secure the front axle inner shaft LH in a vise using aluminum plates.



Place a brass bar against the joint inner race and remove the front axle outer shaft assembly.

HINT:

When removing the outer shaft, the snap ring will be broken.

