

AXLE AND DIFFERENTIAL FRONT AXLE HUB REMOVAL

CAUTION / NOTICE / HINT

HINT:

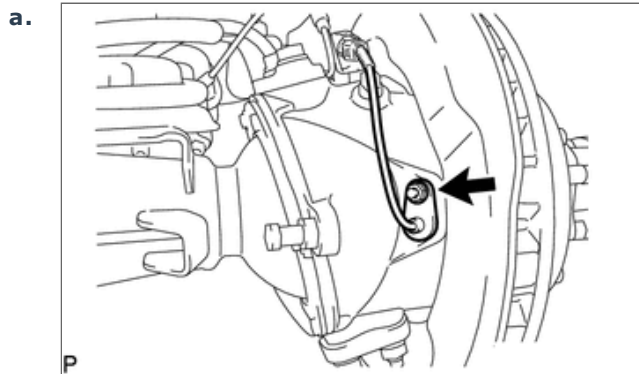
- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

PROCEDURE

1.REMOVE FRONT WHEEL

Click here [Suspension>TIRE / WHEEL>TIRE AND WHEEL>REMOVAL](#)

2.DISCONNECT FRONT SPEED SENSOR LH (w/ ABS)

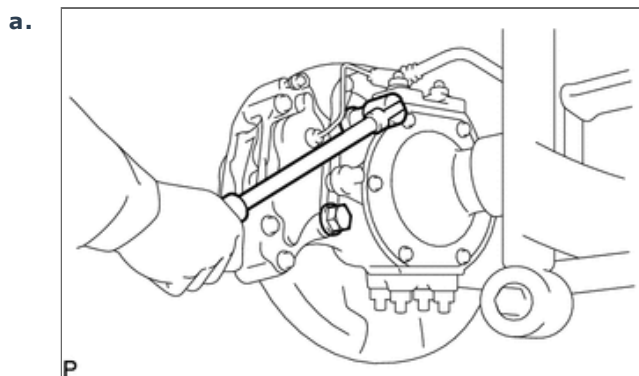


Remove the nut and disconnect the front speed sensor LH.

NOTICE:

- Be careful not to damage the speed sensor.
- Prevent foreign matter from adhering to the speed sensor.

3.REMOVE FRONT DISC BRAKE CYLINDER ASSEMBLY LH

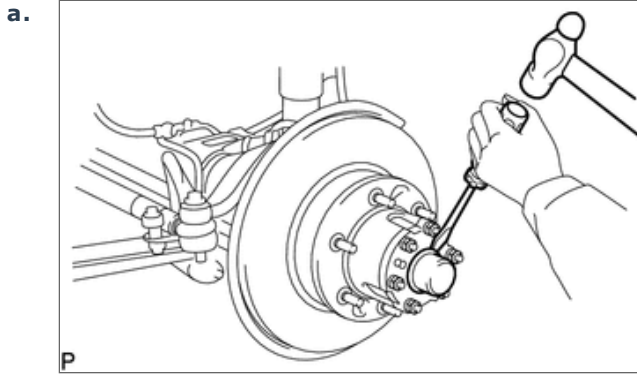


Remove the 2 bolts and front disc brake cylinder assembly.

NOTICE:

Use wire or an equivalent tool to keep the brake cylinder from hanging down by the flexible hose.

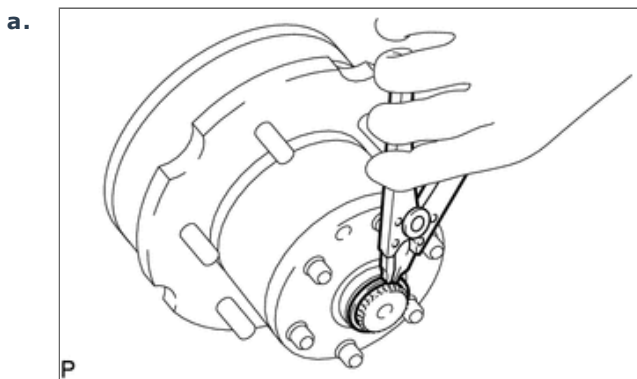
4.REMOVE FRONT AXLE OUTER SHAFT FLANGE CAP (w/o Free Wheel Hub)



Using a screwdriver and hammer, remove the front axle outer shaft flange cap from the flange.

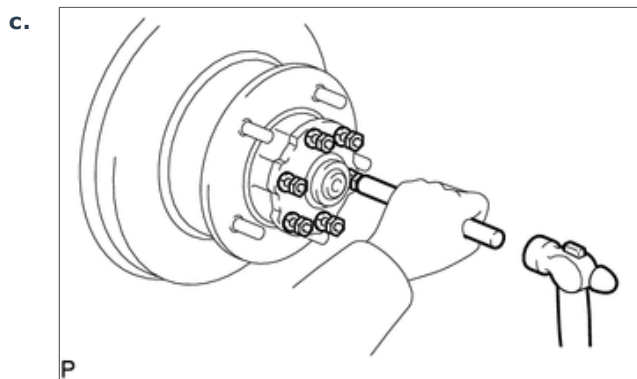
5.REMOVE FRONT AXLE OUTER SHAFT FLANGE LH (w/o Free Wheel Hub)

43421F



Using a snap ring expander, remove the snap ring.

b. Remove the 6 nuts and 6 washers.



Using a brass bar and hammer, tap on the 6 bolt heads and remove the 6 cone washers.

d. Remove the front axle outer shaft flange LH.

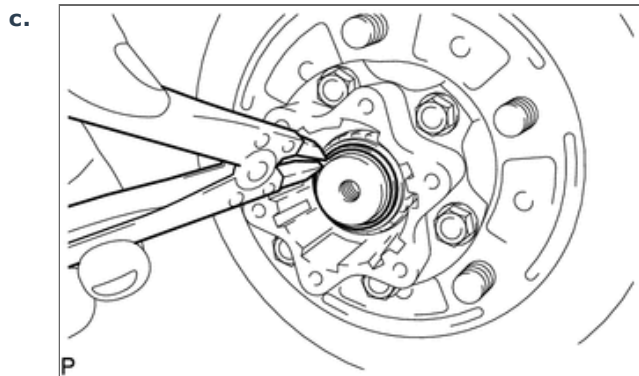
e. Remove the front axle outer shaft flange gasket LH.

6.REMOVE FREE WHEEL HUB ASSEMBLY (w/ Free Wheel Hub)

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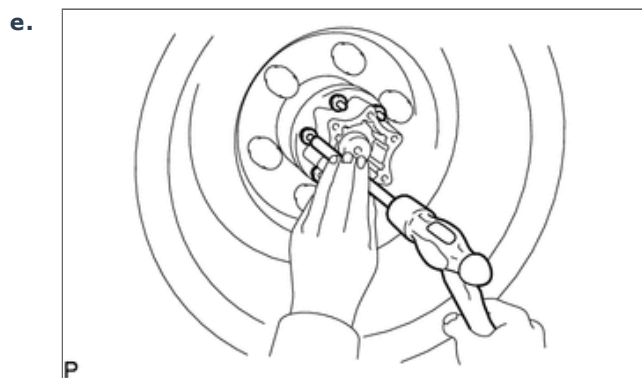
a. Set the control handle to FREE.

b. Remove the 6 bolts, free wheel hub cover and gasket.



Using a snap ring expander, remove the snap ring.

- d. Remove the 6 nuts and 6 washers.



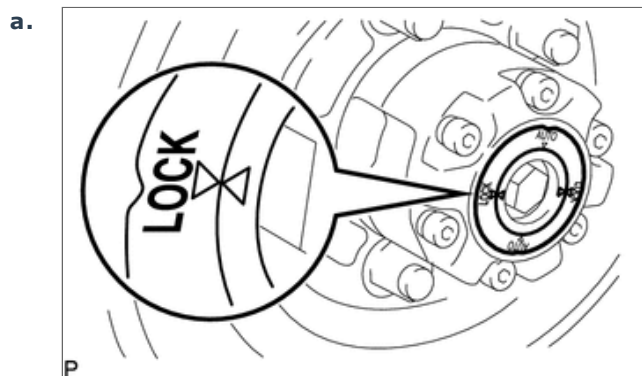
Using a brass bar and hammer, tap on the 6 bolt heads and remove the 6 cone washers.

- f. Remove the free wheel hub body and gasket.



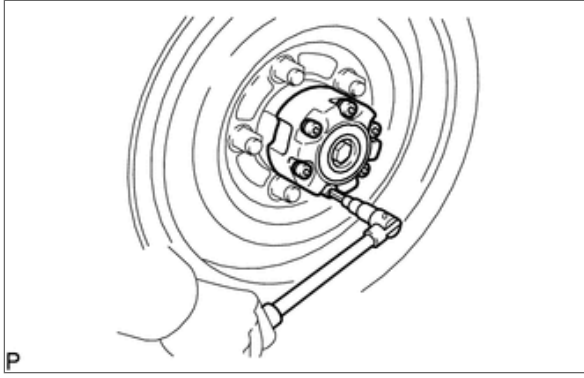
7.REMOVE DUAL MODE AUTOMATIC LOCKING HUB (w/ Dual Mode Automatic Locking Hub)

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Using a hub nut wrench, set the knob of the dual mode automatic locking hub to "LOCK" position.

b.



Using a 8 mm hexagon wrench, remove the 6 hexagon bolts and locking hub and gasket.

c. Using a snap ring expander, remove the snap ring.

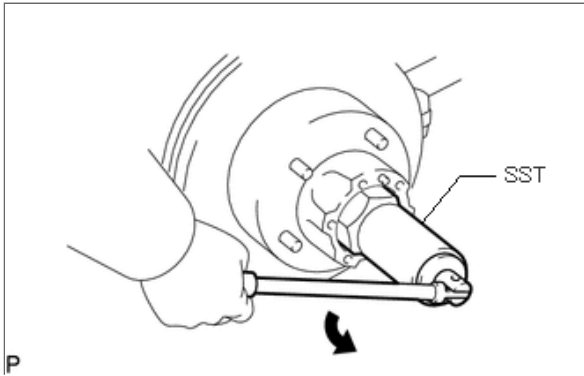
d. Remove the front drive shaft spacer LH and brake set.



8.REMOVE FRONT AXLE HUB AND FRONT DISC (w/ Dual Mode Automatic Locking Hub)

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a.



Using SST, remove the front wheel adjusting nut LH.

SST

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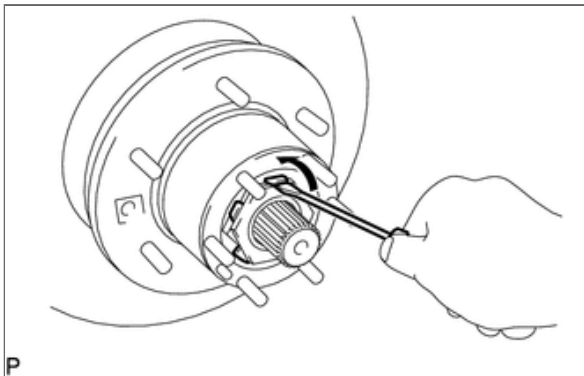
b. Remove the front axle hub and front disc together with the outer bearing.



9.REMOVE FRONT AXLE HUB AND FRONT DISC (w/o Dual Mode Automatic Locking Hub)

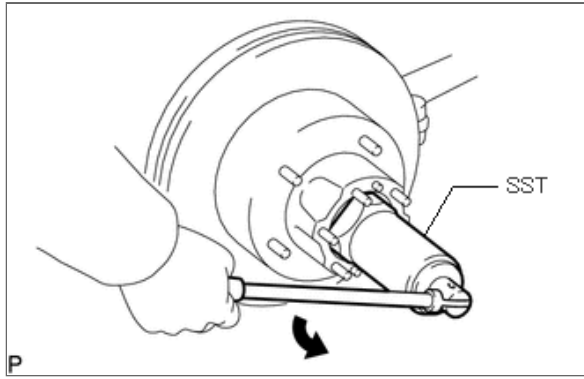
43502C

a.



Using a screwdriver, loosen the front wheel adjusting lock washer.

b.



Using SST, remove the front wheel adjusting nut LH.

SST

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c. Remove the front wheel adjusting lock washer.

d. Using SST, remove the front wheel adjusting nut LH and front axle hub claw washer LH.

SST

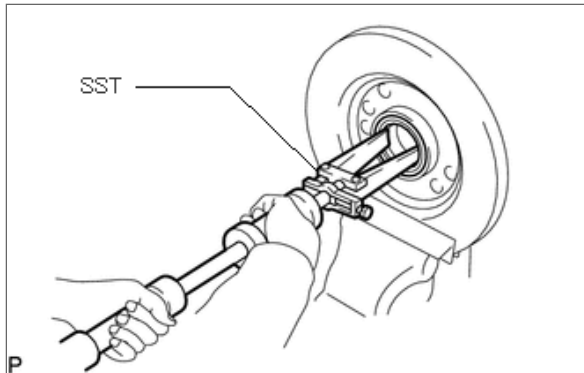
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e. Remove the front axle hub and front disc together with the outer bearing.

10.REMOVE FRONT AXLE HUB OIL SEAL LH

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a.



Using SST, remove the front axle hub oil seal LH.

SST

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NOTICE:

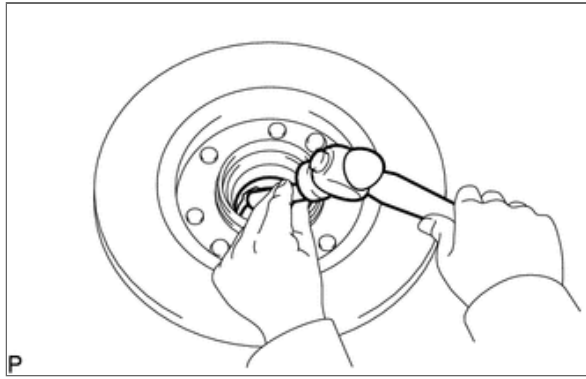
- When using a vise, place aluminum plates between the part and vise.
- When using a vise, do not overtighten it.

11.REMOVE INNER BEARING

a. Remove the inner bearing from the front axle hub.

12.REMOVE BEARING OUTER RACE

a.



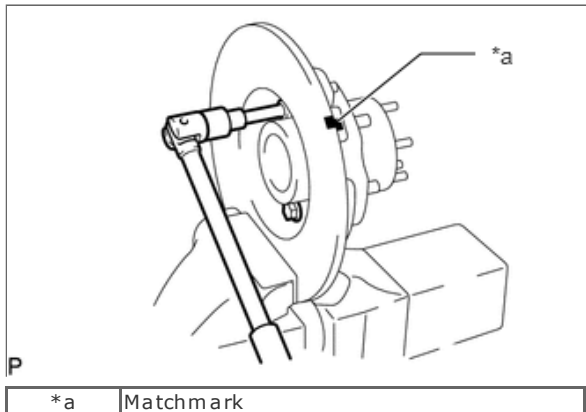
Using a brass bar and hammer, remove the 2 bearing outer races.



13.REMOVE FRONT DISC

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a.



Place matchmarks on the front axle hub and front disc.

b. Remove the 5 bolts and disc from the front axle hub.

NOTICE:

- When using a vise, place aluminum plates between the part and vise.
- When using a vise, do not overtighten it.