

REAR AXLE HUB REMOVAL



CAUTION / NOTICE / HINT

Tech Tips

- Use the same procedure for the RH side and LH side.
- The following procedure is for the LH side.

PROCEDURE

1. REMOVE REAR WHEEL

[Click here](#)

2. SEPARATE REAR HEIGHT CONTROL SENSOR SUB-ASSEMBLY

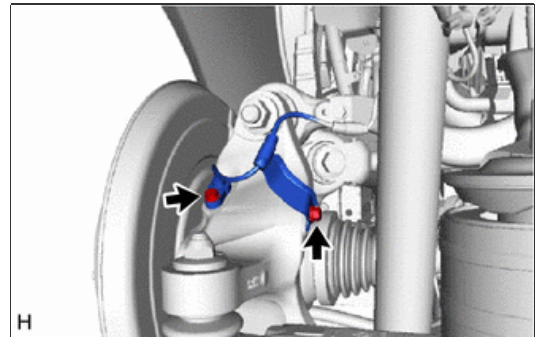
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3. SEPARATE REAR SPEED SENSOR

- a. Remove the 2 bolts and separate the rear speed sensor from the rear axle carrier sub-assembly.

Note

- Prevent foreign matter from contacting the sensor tip.
- Clean the rear speed sensor installation hole and the contact surfaces every time the rear speed sensor is removed.



4. REMOVE REAR AXLE SHAFT NUT

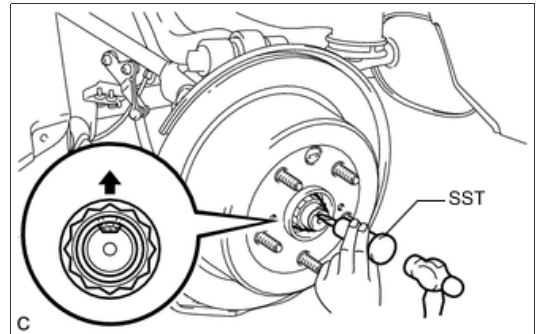
- a. Using SST and a hammer, release the staked part of the rear axle shaft nut.

SST
09930-00010

Note

Loosen the staked part of the nut completely, otherwise the threads of the rear drive shaft assembly may be damaged.

- b. While applying the brakes, remove the rear axle shaft nut.



5. SEPARATE REAR DISC BRAKE CALIPER ASSEMBLY

[Click here](#)

6. REMOVE PARKING BRAKE SHOE ADJUSTING HOLE PLUG

[Click here](#)

7. REMOVE REAR DISC

[Click here](#)

8. REMOVE PARKING BRAKE ASSEMBLY

[Click here](#)

9. REMOVE REAR SUSPENSION ARM COVER

[Click here](#)

10. REMOVE TOE CONTROL LINK SUB-ASSEMBLY (w/o Dynamic Rear Steering)

[Click here](#)

11. SEPARATE REAR STEERING TIE ROD ASSEMBLY (w/ Dynamic Rear Steering)

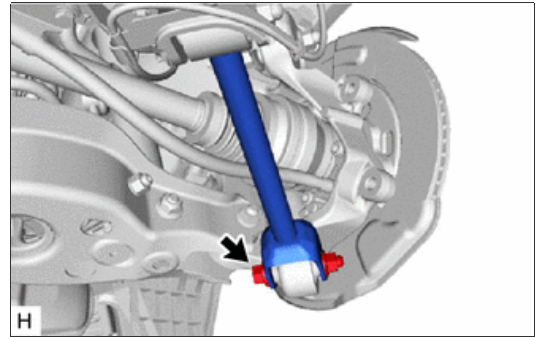
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12. SEPARATE REAR NO. 1 SUSPENSION ARM ASSEMBLY

- a. Remove the bolt and nut, and separate the rear No. 1 suspension arm assembly from the rear axle carrier sub-assembly.

Note

Because the nut has its own stopper, do not turn the nut. Loosen the bolt with the nut secured.



13. REMOVE REAR STABILIZER LINK ASSEMBLY

[Click here](#)

14. SEPARATE REAR SHOCK ABSORBER ASSEMBLY

[Click here](#)

15. REMOVE REAR COIL SPRING

[Click here](#)

16. REMOVE REAR UPPER COIL SPRING INSULATOR

[Click here](#)

17. REMOVE REAR LOWER COIL SPRING INSULATOR

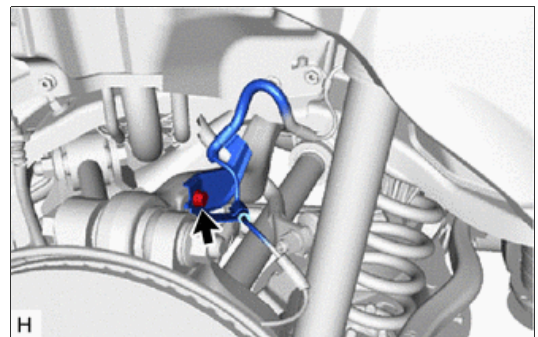
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18. SEPARATE REAR NO. 1 UPPER CONTROL ARM ASSEMBLY

[Click here](#)

19. LOOSEN REAR UPPER CONTROL ARM ASSEMBLY

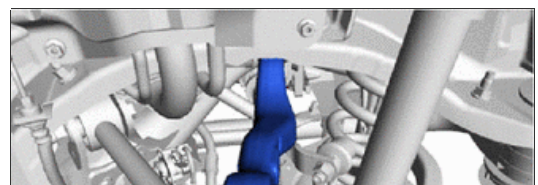
- a. Remove the bolt and separate the rear speed sensor from the rear upper control arm assembly.

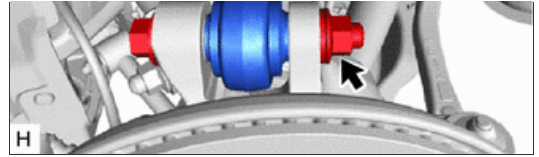


- b. Loosen the rear upper control arm assembly nut.

Note

- Do not remove the bolt and nut.
- Because the bolt has its own stopper, do not turn the bolt. Loosen the nut with the bolt secured.





20. REMOVE REAR AXLE ASSEMBLY

- a. Put matchmarks on the rear drive shaft assembly and rear axle hub and bearing assembly.
- b. Using a plastic hammer, separate the rear drive shaft assembly from the rear axle hub and bearing assembly.

Tech Tips

If it is difficult to separate the rear drive shaft assembly from the rear axle hub and bearing assembly, tap the end of the rear drive shaft assembly using a brass bar and a hammer.

- c. Remove the bolt, nut and washer and separate the rear upper control arm assembly from the rear axle carrier sub-assembly.

Note

Because the bolt has its own stopper, do not turn the bolt. Loosen the nut with the bolt secured.

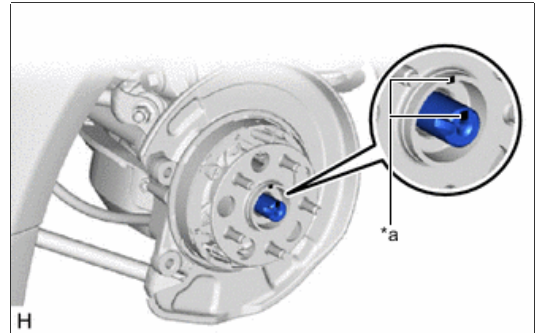
- d. Remove the rear axle assembly from the rear drive shaft assembly.

Note

Be careful not to damage the rear drive shaft boot.

Tech Tips

Use wire or an equivalent tool to keep the rear drive shaft assembly from hanging down.



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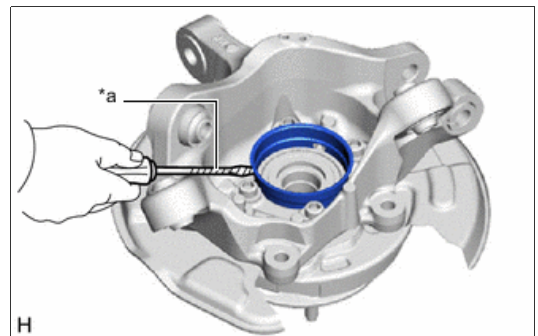
Matchmark

21. REMOVE REAR NO. 1 WHEEL BEARING DUST DEFLECTOR

- a. Using a screwdriver with its tip wrapped with protective tape, remove the rear No. 1 wheel bearing dust deflector.

Note

Be careful not to damage the rear axle carrier sub-assembly.



*a

Protective Tape

22. REMOVE REAR AXLE HUB AND BEARING ASSEMBLY

- a. Hold the rear axle carrier sub-assembly between aluminum plates in a vise.

Note

Do not overtighten the vise.

- b. Remove the 4 bolts, parking brake plate sub-assembly and rear axle hub and bearing assembly from the rear axle carrier sub-assembly.

