

Your Ultimate Source for OEM Repair Manuals

FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

2015 NISSAN Navara NP300 King Cab OEM Service and Repair Workshop Manual

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REMOVAL

1 Remove tires. Refer to [Exploded View](#).

2 Remove wheel sensor from axle housing. Refer to [Removal & Installation](#).

3 Remove caliper assembly. Hang caliper assembly in a place where it will not interfere with work. Refer to [Exploded View](#).

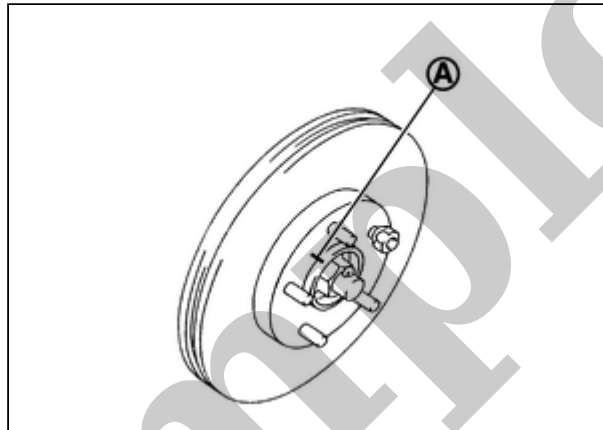
CAUTION:

Never depress brake pedal while brake caliper is removed.

4 Remove disc rotor.

CAUTION:

- Put matching marks **(A)** on the wheel hub and bearing assembly and the disc rotor before removing the disc rotor.

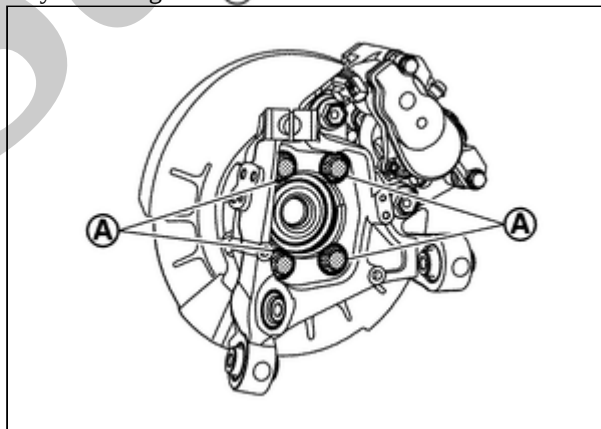


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- Never drop disc rotor.**

5 Remove wheel hub lock nut. Refer to [Exploded View](#).

6 Remove wheel hub and bearing assembly mounting bolts **(A)**.



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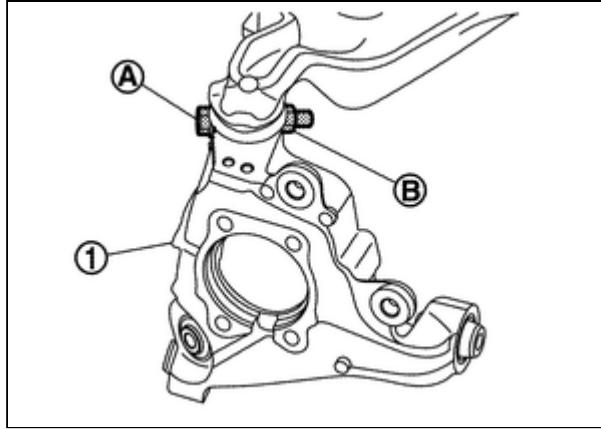
7 Remove wheel hub and bearing assembly and back plate.

8 Remove radius rod. Refer to [Removal & Installation](#).

9 Remove front lower link. Refer to [Removal & Installation](#).

10 Remove coil spring. Refer to [Removal & Installation](#).

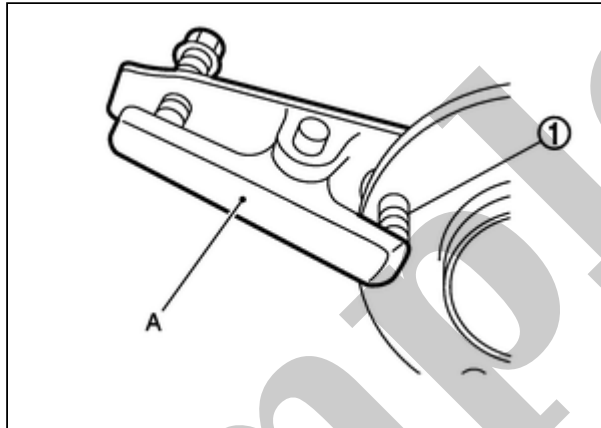
11 Remove rear suspension arm mounting bolts **(A)** and nuts **(B)** from axle housing **(1)**.



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12 Separate rear suspension arm, and then remove axle housing.

13 Remove hub bolts ① from wheel hub and bearing assembly, using the ball joint remover (A) (commercial service tool).



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CAUTION:

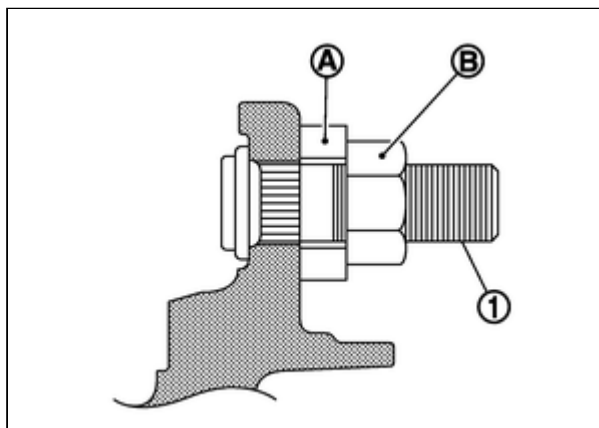
- Remove hub bolt only when necessary.
- Never hammer the hub bolt to avoid impact to the wheel hub and bearing assembly.
- Pull out the hub bolt in a direction perpendicular to the wheel hub and bearing assembly.

14 Perform inspection after removal. Refer to [Inspection](#).

INSTALLATION

Note the following, and install in the reverse order of removal.

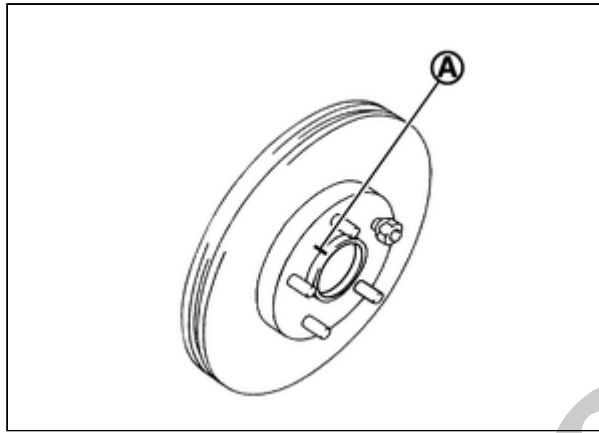
- Place a washer (A) as shown in the figure to install the hub bolts ① by using the tightening force of the nut (B).



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CAUTION:

- Check that there is no clearance between wheel hub and bearing assembly, and hub bolt.
 - Never reuse hub bolt.
- Align the matching marks **(A)** made during removal when reusing the disc rotor.



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- Perform inspection after installation. Refer to [Inspection](#).

INSPECTION AFTER REMOVAL

Check wheel hub and bearing assembly for wear, cracks, and damage. Replace if there are.

INSPECTION AFTER INSTALLATION

1 Check wheel sensor harness for proper connection. Refer to [Exploded View](#).

2 If pressing the piston of rear brake caliper assembly, perform "REMOVAL/REPLACEMENT OF REAR BRAKE PAD OR REAR BRAKE CALIPER". Refer to [Removal & Installation](#).

3 Check wheel alignment. Refer to [Inspection](#).

4 Adjust neutral position of steering angle sensor. Refer to [Work Procedure](#).

Sample

Wheel Bearing

RDE-002005802

Item	Standard
Axial end play	0.05 mm (0.002 in) or less

Sample

Drive Shaft

RDE-002005803

Item		Standard
Grease quantity	Wheel side	80– 100g (2.82 – 3.52 oz)
	Final drive side	205– 225g (7.23 – 7.93 oz)
Boots installed length*	Wheel side	131.6 mm (5.18 in)
	Final drive side	175.9 mm (6.93 in)

*: For measuring position, Refer to [Disassembly & Assembly](#).

Sample

DANGER:

Since hybrid vehicles and electric vehicles contain a high voltage battery, there is the risk of electric shock, electric leakage, or similar accidents resulting in death or severe injury, if high voltage components and vehicle are mishandled. When performing an inspection or maintenance, be sure to comply with the instructions below to perform correct work procedures.

WARNING:

- Be sure to remove the service plug in order to disconnect the high voltage circuits before performing inspection or maintenance of high voltage system harnesses and parts.
- The removed service plug must always be carried in a pocket of the responsible worker or placed in the tool box during the procedure to prevent the plug from being connected by mistake.
- Be sure to wear insulated protective equipment before beginning work on the high voltage system.
- Never allow workers other than the responsible person to touch the vehicle containing high voltage parts. To keep others from touching the high voltage parts, these parts must be covered with an insulating sheet except when using them.

CAUTION:

- Be sure to install the high voltage harness clips to the original positions to prevent damage to high voltage harness. If the clips are damaged, replace them with new ones before installing the high voltage harness.
- To prevent damage to parts, never allow coolant to splash on the high voltage harness connector. If coolant splashes on the high voltage harness connector, immediately remove moisture from the high voltage harness connector by using an air blow gun.
- Never bring the vehicle into the READY status with the service plug removed unless otherwise instructed in the Service Manual. A malfunction may occur if this is not observed.

POINT TO BE CHECKED BEFORE STARTING MAINTENANCE WORK

The high voltage system may start automatically. It is required to check that the charge cable (including EVSE) is not connected to charge port before starting maintenance work.

**NOTE:**

If the timer air conditioner or timer charge is set when the EVSE is connected, the high voltage system starts automatically even when the power switch is in OFF state.

HIGH VOLTAGE HARNESS AND EQUIPMENT IDENTIFICATION

All the high voltage harnesses and connectors are orange. The Li-ion battery and other high voltage devices include an orange high voltage label. Never touch these harnesses and high voltage parts.

HANDLING OF HIGH VOLTAGE HARNESS AND TERMINALS

Immediately insulate disconnected high voltage connectors and terminals with insulating tape.

GUIDELINES ON WORKERS WITH MEDICAL ELECTRONICS

WARNING:

The vehicle contains parts that contain powerful magnets. If a person who is wearing a heart pacemaker or other medical device is close to these parts, the medical device may be affected by the magnets. Such persons must not perform work on

the vehicle.

PROHIBITED ITEMS TO CARRY DURING THE WORK

Hybrid vehicles and electric vehicles contain parts with high voltage and intense magnetic force. Never carry metal products and magnetic recording media (e.g. credit card, debit card) to repair/inspect high voltage parts. If this is not observed, the metal products may create a risk of short circuit and the magnetic recording media may lose their magnetic recording.

POST A SIGN OF “DANGER! HIGH VOLTAGE AREA. KEEP OUT”

Call the attention of other workers and indicate "High voltage work in progress." Do not touch vehicles where work is being performed on high voltage systems.

Sample

**DANGER:
HIGH VOLTAGE
REPAIR IN PROGRESS.
DO NOT TOUCH!**

Person in charge: _____

**DANGER:
HIGH VOLTAGE
REPAIR IN PROGRESS.
DO NOT TOUCH!**

Person in charge: _____

Copy this page and put it after folding on the roof of the vehicle in service.

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