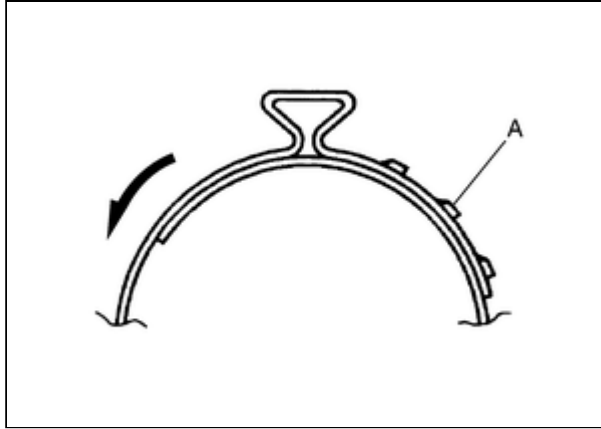


Your Ultimate Source for OEM Repair Manuals

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.

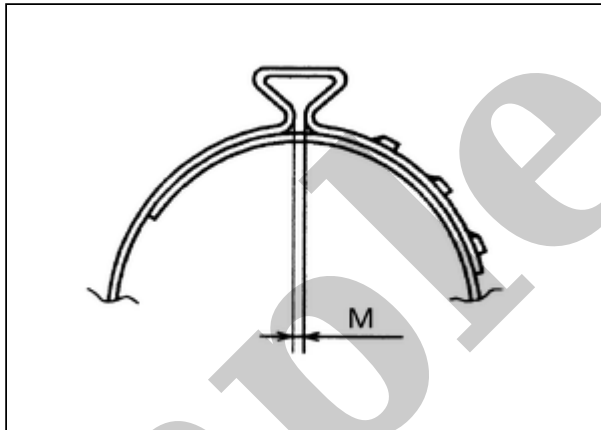
2015 NISSAN Navara NP300 Double Cab OEM Service and Repair Workshop Manual

[Go to manual page](#)



RPR-002005800-04-SDIA4267ZZ

- Install boot band so that staked area is as shown in the figure.



RPR-002005800-21-SF0047D

Specified value

M

: 1.0 - 4.0 mm

11 Secure housing and shaft, and then make sure that they are in the correct position when rotating boot. Install them with new boot band when the mounting positions become incorrect.

12 Install dust shield to housing. (For LH drive shaft)

CAUTION:

Never reuse dust shield.

13 Install circular clip to housing. (For LH drive shaft)

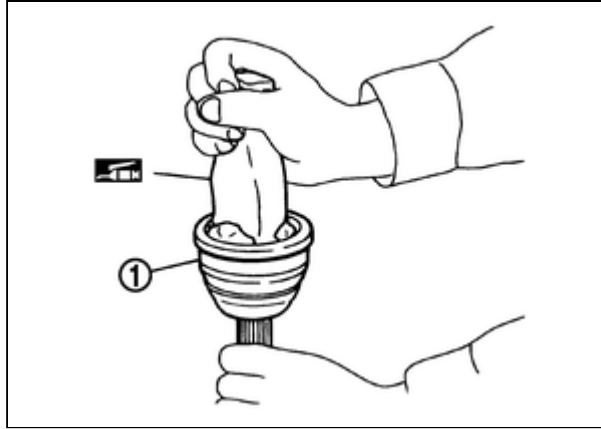
CAUTION:

Never reuse circular clip.

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

Wheel Side

1 Fill serration slot joint sub-assembly ① with NISSAN genuine grease or equivalent until the serration slot and ball groove become full to the brim.

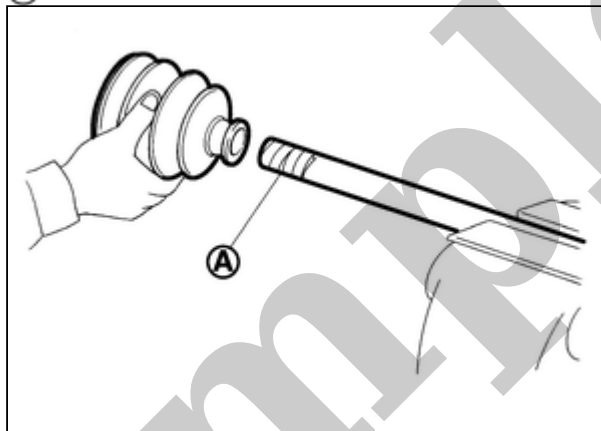


RPR-002005800-13-PDIF0008ZZ

CAUTION:

After applying grease, use a paper towels to wipe off old grease that has oozed out.

2 Wrap serrated part of shaft with tape **(A)**. Install boot band and boot to shaft. Be careful not to damage boot.



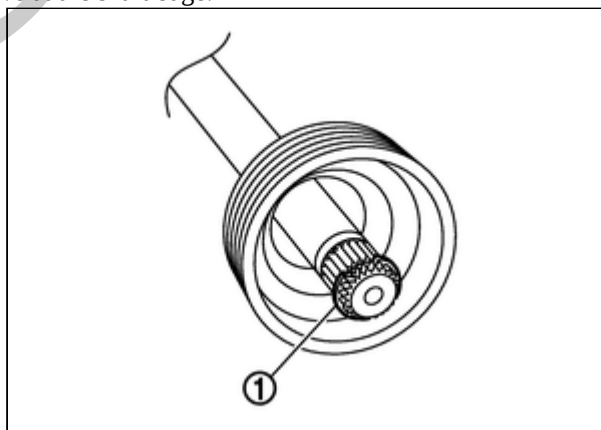
RPR-002005800-16-PDIF0009ZZ

CAUTION:

Never reuse boot and boot band.

3 Remove the tape wrapped around the serrated on shaft.

4 Position the circular clip **(1)** on groove at the shaft edge.



RPR-002005800-11-PDIF0305ZZ

CAUTION:

Never reuse circular clip.

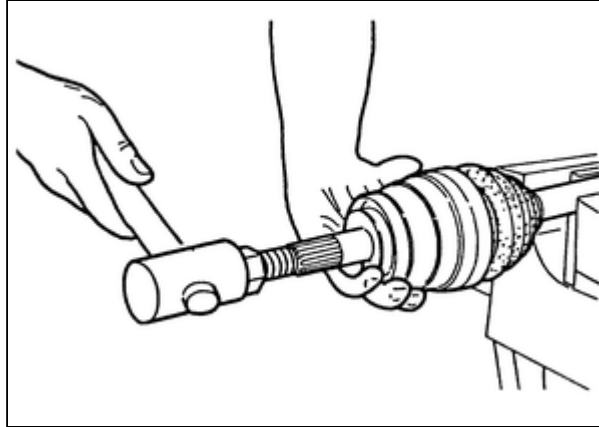


NOTE:

Drive joint inserter is recommended when installing circular clip.

5 Align both center axes of the shaft edge and joint sub-assembly. Then assemble shaft with circular clip joint sub-assembly.

6 Install joint sub-assembly to shaft using plastic hammer.



RPR-002005800-17-AC0049D

WARNING:

Ensure that circular clip is properly engaged, otherwise the joint sub-assembly could pull away from shaft of housing assembly during vehicle operation resulting in loss of drive force and possible drive shaft damage, which may cause a crash and serious injury or damage the drive shaft.

7 Pull the joint sub-assembly in the axial direction away from transaxle assembly. Confirm that the joint sub assembly cannot be pulled out from shaft.

8 Fill into the joint sub-assembly inside with the remaining amount of grease from large diameter side of boot.

Total grease amount

: Refer to [Service Data](#).

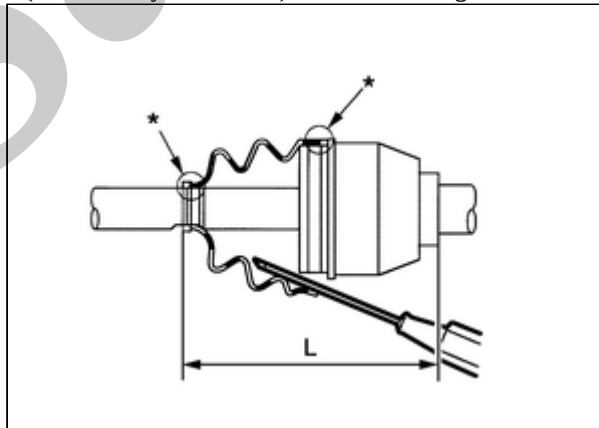
9 Apply the balance of the specified amount of grease into the boot inside from large diameter side of boot.

Standard

Grease amount

: Refer to [Service Data](#).

10 Install the boot securely into grooves (indicated by “*” marks) shown in the figure.



RPR-002005800-18-PDIF0222ZZ

CAUTION:

If grease adheres to the boot mounting surface (with “*” mark) on the shaft or joint sub-assembly, boot may be removed. Remove all grease from the surfaces.

11 To prevent from deformation of the boot, adjust the boot installation length to the specified value shown below (L) by inserting the suitable tool into inside of the boot from the large diameter side of boot and discharging the inside air.

Standard

L : Refer to [Service Data](#).

CAUTION:

- If the boot installation length exceeds the standard, it may cause breakage in boot.
- Be careful not to touch the inside of the boot with the tip of tool.

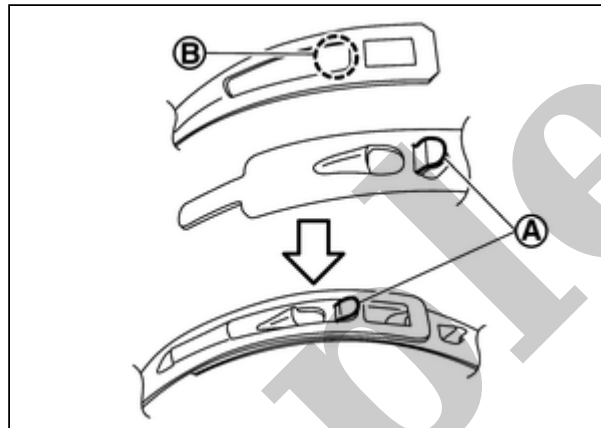
12 Secure large and small ends of boot with new boot bands as shown in the figure.

CAUTION:

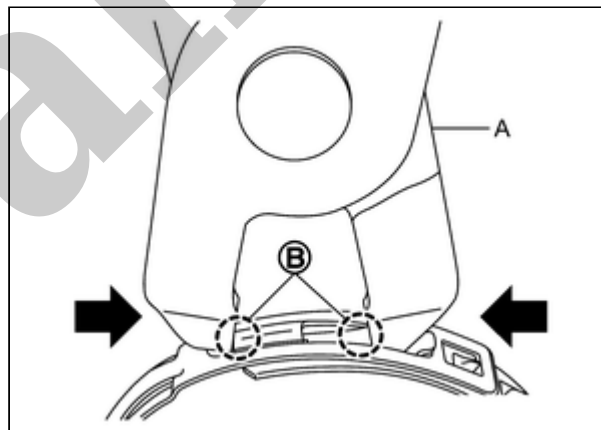
Never reuse boot band.

- For low profile type band

1. Set boot band to the drive shaft boot groove and temporarily fix pawl (A) of boot band to (B) of boot band.

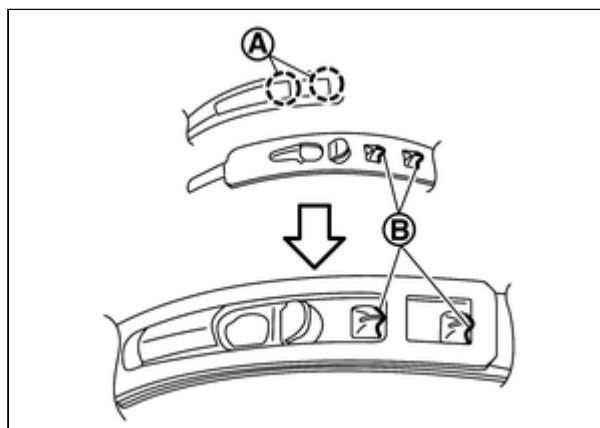


2. Tighten boot band protrusions (B) with boot band crimping tool (SST: KV40107310) (A) in the direction shown by arrows (←→).



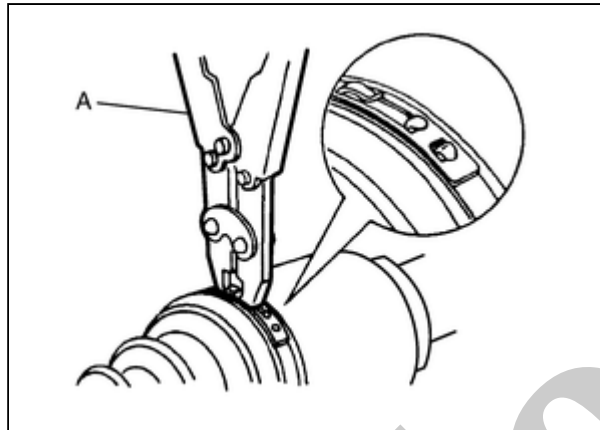
CAUTION:

Securely install boot band (A) to boot band pawl (B).



- For omega type band

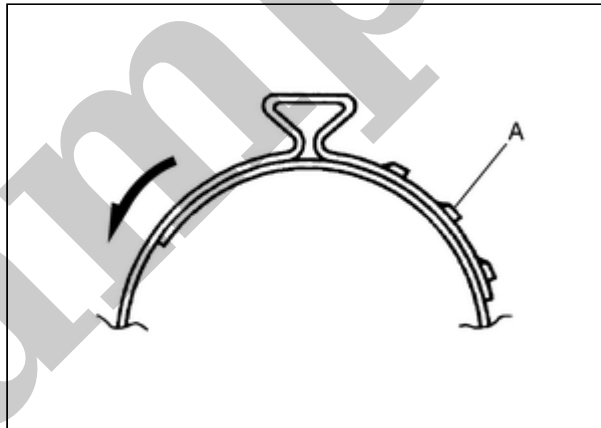
1. Secure the boot bands using the boot band crimping tool (A) (SST: KV40107300).



RPR-002005800-22-PDIF0012ZZ

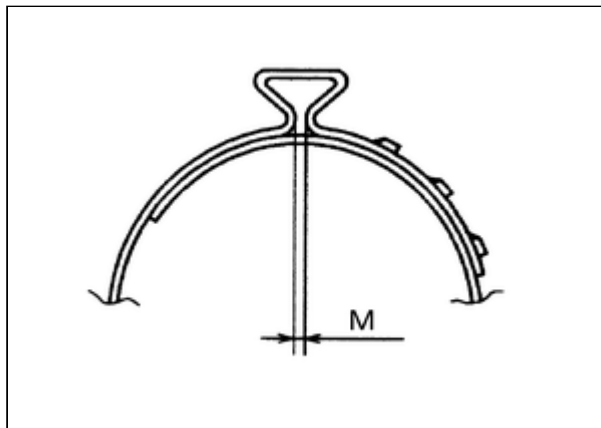
CAUTION:

- Never reuse boot band.
- Boot band claw (A) must be behind the drive direction (←) after assembling.



RPR-002005800-23-SDIA4267ZZ

- Install boot band so that staked area is as shown in the figure.



RPR-002005800-19-SF0047D

Specified value

M

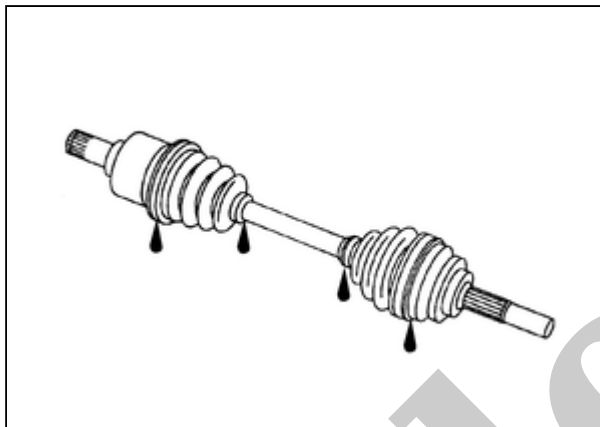
: 1.0 - 4.0 mm

13 Secure housing and shaft, and then make sure that they are in the correct position when rotating boot. Install them with new boot band when the mounting positions become incorrect.

Sample

INSPECTION AFTER REMOVAL

- Move joint up/down, left/right, and in the axial direction. Check for motion that is not smooth and for significant looseness.
- Check boot for cracks or other damage, and also for grease leakage.



RPR-002005801-01-DIA1163J

- If a malfunction is found, disassemble drive shaft, and then replace with new one.

INSPECTION AFTER DISASSEMBLY

Shaft

Check shaft for runout, cracks, or other damage. Replace if there are any abnormal condition.

Joint Sub-Assembly (Wheel Side)

Check the following:

- Joint sub-assembly for rough rotation and excessive axial looseness.
- The inside of the joint sub-assembly for entry of foreign material.
- Joint sub-assembly for compression scars, cracks, and fractures inside of joint sub-assembly.

Replace joint sub-assembly if there are any non-standard conditions of components.

Housing and Spider assembly (Final Drive Side)

Replace housing and spider assembly if there is scratching or wear of housing roller contact surface or spider roller contact surface.

**NOTE:**

Housing and spider assembly are used in a set.

INSPECTION AFTER INSTALLATION

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

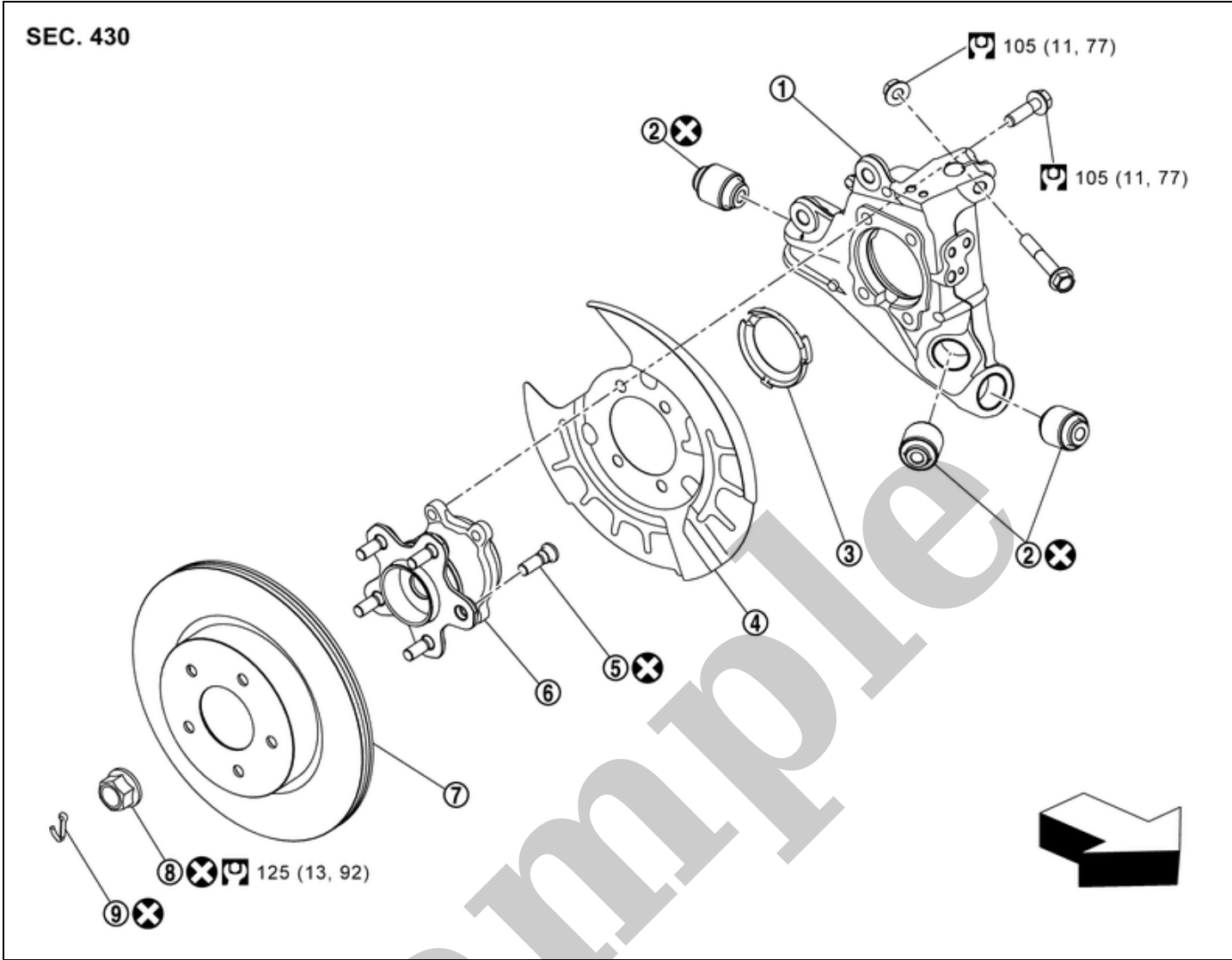
2 If pressing the piston of rear brake caliper assembly, perform "REMOVAL/REPLACEMENT OF REAR BRAKE PAD OR REAR BRAKE CALIPER". Refer to [Removal & Installation](#).

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

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

Sample

SEC. 430



RDE-002005795-01-000312586

①	Axle housing	②	Bushing	③	Hub cap
④	Back plate	⑤	Hub bolt	⑥	Wheel hub and bearing assembly
⑦	Disc rotor	⑧	Wheel hub lock nut	⑨	Cotter pin
←	: Vehicle front				
Ⓒ	: N·m (kg-m, ft-lb)				
ⓧ	: Always replace after every disassembly.				