SECTION FAX

FRONT AXLE

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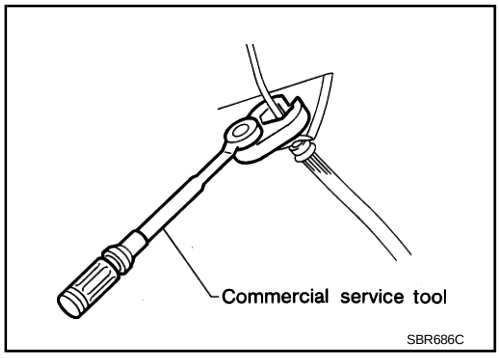
PRECAUTIONS

PFP:00001

Precautions

ADS00001

- When installing rubber parts, final tightening must be carried out under unladen condition* with tires on ground.
  Oil will shorten the life of rubber bushes. Be sure to wipe off any spilled oil.
  *: Fuel, radiator coolant and engine oil full. Spare tire, jack, hand tools and mats in designated positions.
- After installing removed suspension parts, check wheel alignment and adjust if necessary.
- Lock nuts are unreusable parts; always use new ones. When replacing, do not wipe oil off the new lock nut before tightening.
- Use flare nut wrench when removing or installing brake tubes.
- Always torque brake lines when installing.



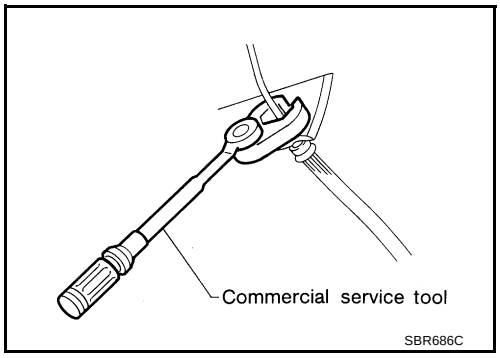
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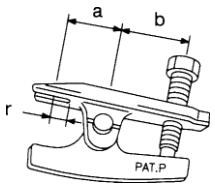
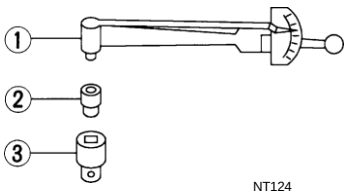
PREPARATION

PFP:00002

Special Service Tools

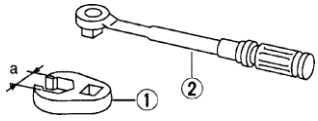
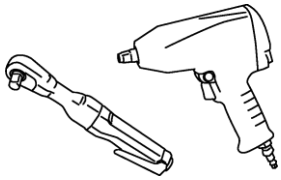
ADS00002

The actual shapes of Kent-Moore tools may differ from those of special service tools illustrated here.

Tool number (Kent-Moore No.) Tool name	Description
HT7252 0000 (J25730-A) Ball joint remover a: 33 mm (1.30 in) b: 50 mm (1.97 in) r: 11.5 mm (0.453 in)  NT546	Removing tie-rod and lower ball joint
ST3127 S000 (See J25742-1) Preload Gauge 1. GG Torque wrench (J25765) 2. HT (—) Socket adapter (1/2″) 3. HT (—) Socket adapter (3/8″)  NT124	Measurement ball joint of sliding torque

Commercial Service Tools

ADS00003

Tool name	Description
1. Flare nut crowfoot a: 10 mm (0.39 in) 2. Torque wrench  S-NT360	Removing and installing each brake piping
Power tool  PBIC0190E	● Removing wheel nuts ● Removing engine under cover ● Removing brake caliper assembly

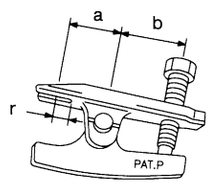
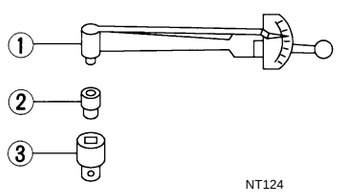
PREPARATION

PFP:00002

Special Service Tools

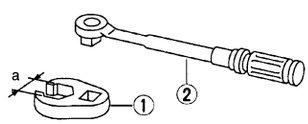
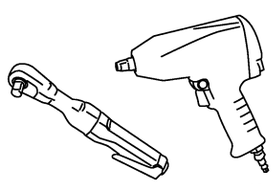
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NOISE, VIBRATION, AND HARSHNESS (NVH) TROUBLESHOOTING

PFP:00003

NVH Troubleshooting Chart

ADS00004

Use chart below to help you find the cause of the symptom. If necessary, repair or replace these parts.

Reference page			Refer to FAX-5 .	—	Refer to FAX-5 .	NVH in WT section.	NVH in WT section.	NVH in PS section.
Possible cause and SUSPECTED PARTS			Improper installation, looseness	Parts interference	Wheel bearing damage	TIRES	ROAD WHEEL	STEERING
Symptom	FRONT AXLE	Noise	×	×		×	×	×
		Shake	×	×		×	×	×
		Vibration	×	×		×		×
		Shimmy	×	×		×	×	×
		Judder	×			×	×	×
		Poor quality ride or handling	×	×	×	×	×	

×: Applicable

NOISE, VIBRATION, AND HARSHNESS (NVH) TROUBLESHOOTING

PFP:00003

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		Shake	×	×		×	×	×
		Vibration	×	×		×		×
		Shimmy	×	×		×	×	×
		Judder	×			×	×	×
		Poor quality ride or handling	×	×	×	×	×	

×: Applicable

FRONT WHEEL HUB AND KNUCKLE

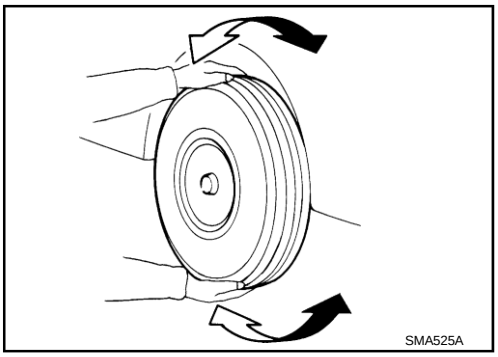
PFP:40202

On-Vehicle Service Inspection

ADS00005

Check front axle parts for excessive play, cracks, wear or other damage.

- Shake each front wheel to check for excessive play.
- Make sure that cotter pin is inserted.
- Retighten all nuts and bolts to the specified torque.



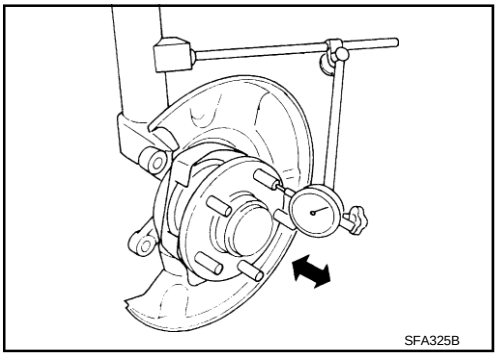
FRONT WHEEL BEARING

With vehicle raised, inspect the following.

- Move wheel hub in the axial direction by hand. Check that there is no looseness of front wheel bearings.

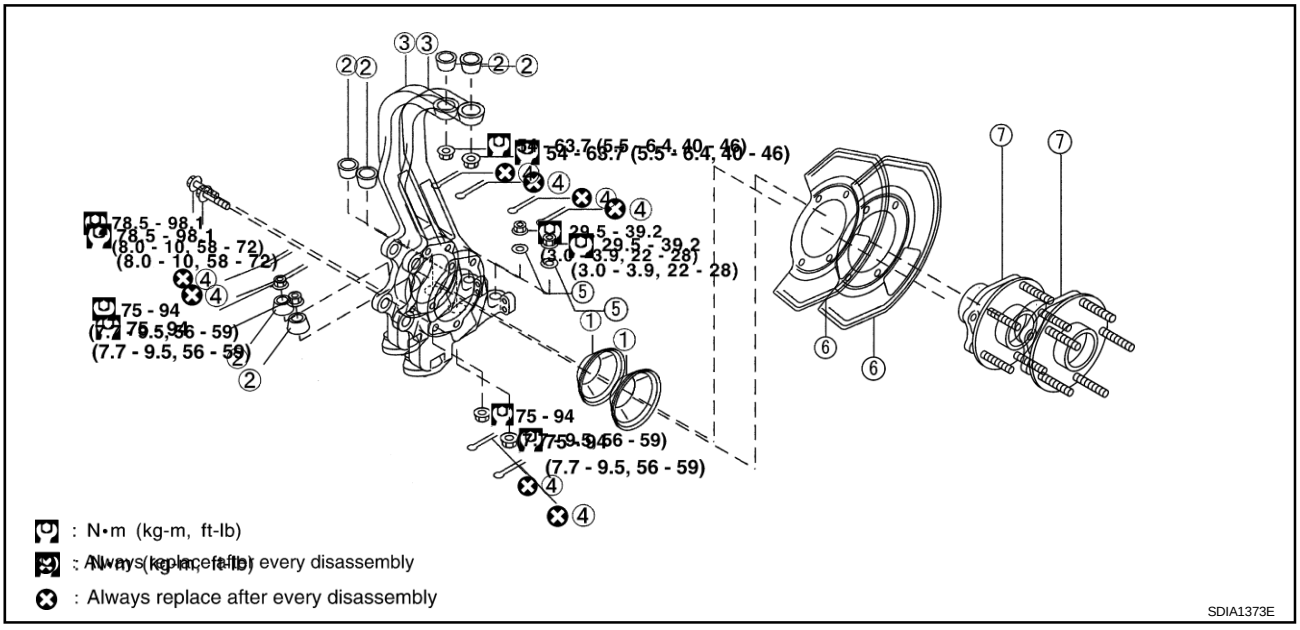
Axial end play limit : 0.05 mm (0.002 in) or less

- Rotate wheel hub and check that there is no unusual noise or other irregular conditions. If there are any irregular conditions, replace wheel bearings.



Removal and Installation

ADS00006



1. Hub cap
2. Ball seat
3. Steering knuckle
4. Cotter pin
5. Washer
6. Baffle plate
7. Wheel hub bearing

FRONT WHEEL HUB AND KNUCKLE

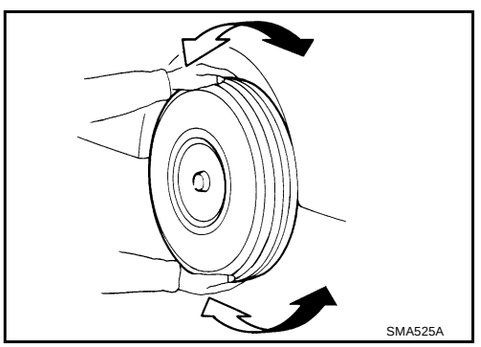
PFP:40202

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SMA525A

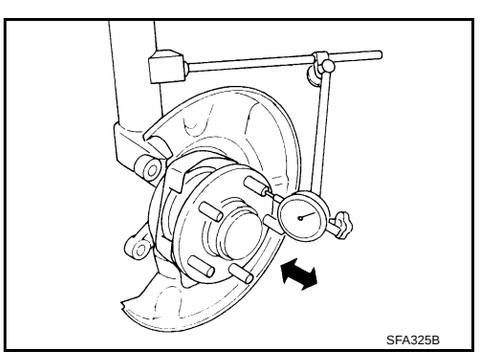
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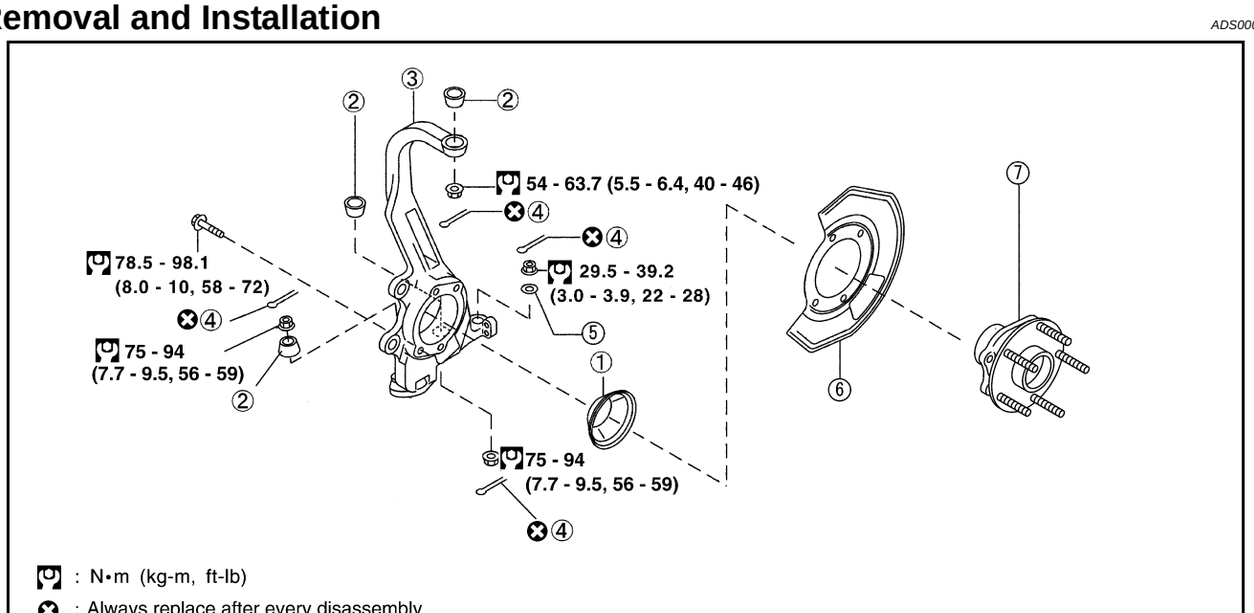
Axial end play limit : 0.05 mm (0.002 in) or less

- Rotate wheel hub and check that there is no unusual noise or other irregular conditions. If there are any irregular conditions, replace wheel bearings.


SFA325B

Removal and Installation

ADS00006



1. Hub cap
2. Ball seat
3. Steering knuckle
4. Cotter pin
5. Washer
6. Baffle plate
7. Wheel hub bearing

以上内容仅为本文档的试下载部分，为可阅读页数的一半内容。如要下载或阅读全文，请访问：https://d.book118.com/576155011144010104