

SECTION **RSU**
 REAR SUSPENSION

A
 B
 C
 D
 E
 F
 G
 H
 I
 J
 K
 L
 M
 N
 O
 P

RSU

CONTENTS

SERVICE INFORMATION	2	Removal and Installation	12	F
PRECAUTIONS	2	Inspection	12	
Precaution	2	RADIUS ROD	13	G
PREPARATION	3	Removal and Installation	13	
Special Service Tool	3	Inspection	13	
Commercial Service Tool	3	FRONT LOWER LINK	14	H
NOISE, VIBRATION, AND HARSHNESS		Removal and Installation	14	
(NVH) TROUBLESHOOTING	4	Inspection	14	
NVH Troubleshooting Chart	4	REAR LOWER LINK AND COIL SPRING	15	I
REAR SUSPENSION ASSEMBLY	5	Removal and Installation	15	
Component	5	Inspection	16	J
On-vehicle Service	6	STABILIZER BAR	17	
Rear Wheel Alignment	6	Removal and Installation	17	
REAR SUSPENSION MEMBER	9	Inspection	17	K
Removal and Installation	9	SERVICE DATA AND SPECIFICATIONS		
SHOCK ABSORBER	11	(SDS)	18	L
Removal and Installation	11	General Specification (Rear)	18	
Inspection	11	Rear Wheel Alignment (Unladen*)	18	
SUSPENSION ARM	12	Ball Joint	18	
		Wheelarch Height (Unladen*)	19	M

PRECAUTIONS

< SERVICE INFORMATION >

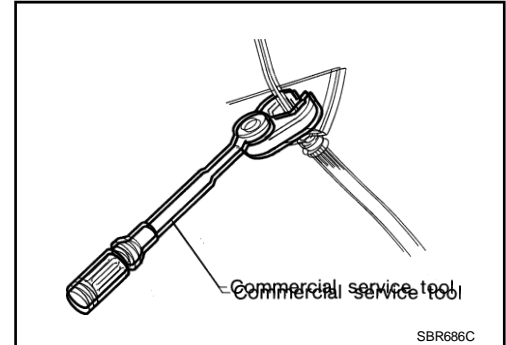
SERVICE INFORMATION

PRECAUTIONS

Precaution

INFOID:000000004276989

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



PREPARATION

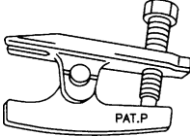
< SERVICE INFORMATION >

PREPARATION

Special Service Tool

INFOID:000000004276990

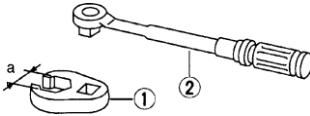
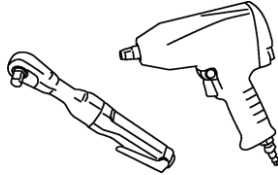
The actual shapes of Kent-Moore tools may differ from those of special service tools illustrated here.

Tool number (Kent-Moore No.) Tool name	Description
HT (J-25730-A) Ball joint remover  NT146	Removing suspension arm ball joint

A
B
C
D
RSU

Commercial Service Tool

INFOID:000000004276991

Tool name	Description
1. Flare nut crowfoot 2. Torque wrench  S-NT360	Removing and installing brake piping a: 10 mm (0.39 in)
Power tool  PBIC0190E	Loosening bolts and nuts

F
G
H
I
J
K
L
M
N
O
P

NOISE, VIBRATION, AND HARSHNESS (NVH) TROUBLESHOOTING

< SERVICE INFORMATION >

NOISE, VIBRATION, AND HARSHNESS (NVH) TROUBLESHOOTING

NVH Troubleshooting Chart

INFOID:00000004276992

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

Reference page	Cause		Symptom	
	DRIVE SHAFT	AXLE	Noise	Vibration
RSU-5			x	x
RSU-11			x	x
RSU-5			x	x
RSU-5			x	x
RSU-16			x	
RSU-5				x
RSU-6				x
RSU-17				x
FAX-4, "NVH Troubleshooting Chart"	x		x	x
RAX-4, "NVH Troubleshooting Chart"	x	x	x	x
WT-4, "NVH Troubleshooting Chart"	x	x	x	x
WT-4, "NVH Troubleshooting Chart"	x		x	x
BR-4, "NVH Troubleshooting Chart"			x	x
PS-5, "NVH Troubleshooting Chart"			x	x

x: Applicable

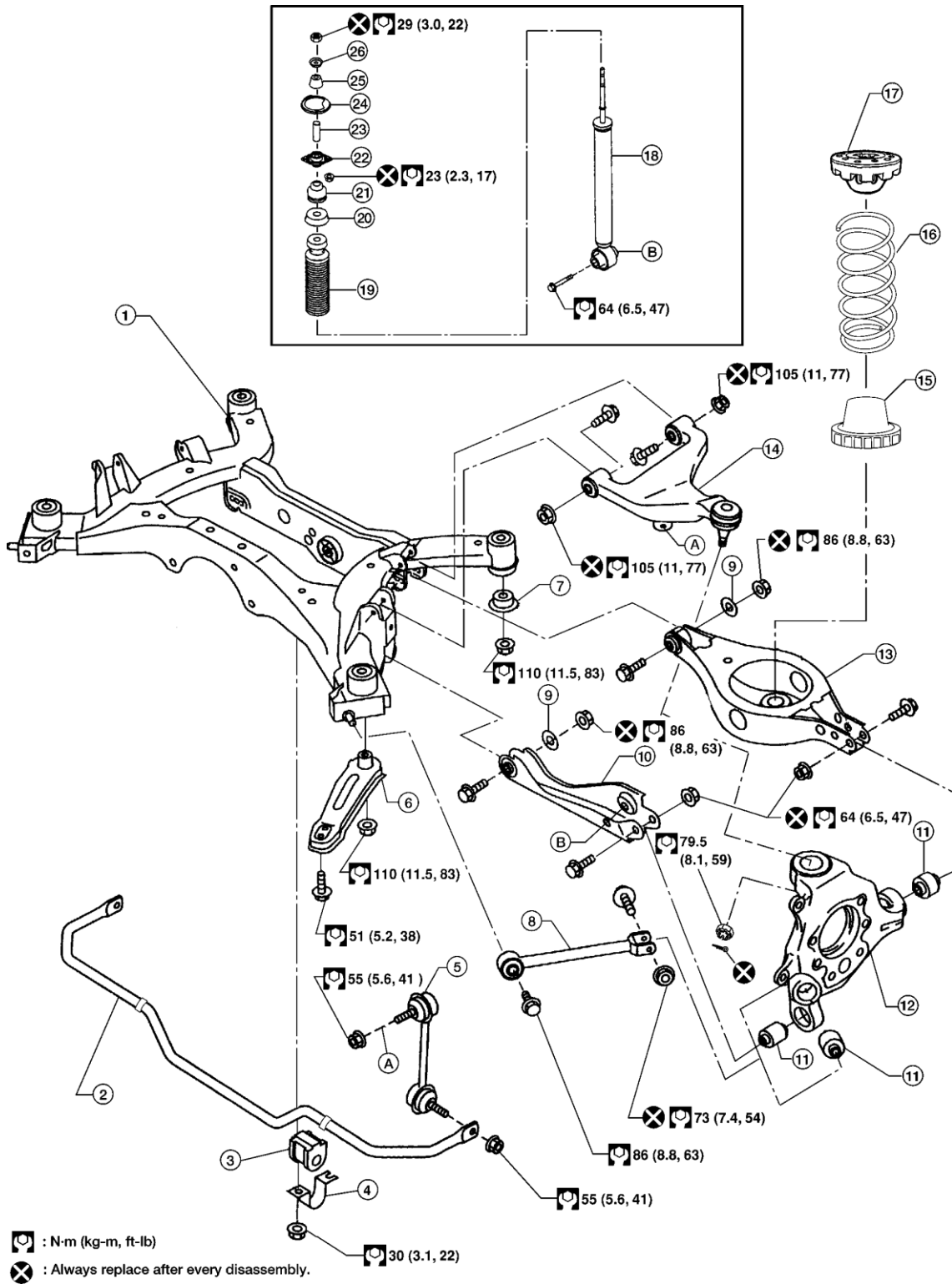
REAR SUSPENSION ASSEMBLY

< SERVICE INFORMATION >

REAR SUSPENSION ASSEMBLY

Component

INFID:000000004276993



- | | | |
|---------------------------|-------------------|---------------------------|
| 1. Rear suspension member | 2. Stabilizer bar | 3. Stabilizer bar bushing |
| 4. Stabilizer bar clamp | 5. Connecting rod | 6. Member stay |
| 7. Member stopper | 8. Radius rod | 9. Adjusting bolt cam |

RSU-5

WEIA0110E

A
B
C
D
RSU
F
G
H
I
J
K
L
M
N
O
P

REAR SUSPENSION ASSEMBLY

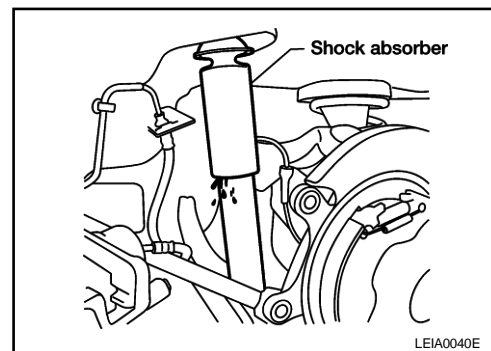
< SERVICE INFORMATION >

- | | | |
|------------------------|--------------------------|------------------------------------|
| 10. Front lower link | 11. Bushing | 12. Wheel hub and spindle assembly |
| 13. Rear lower link | 14. Suspension arm | 15. Lower rubber seat |
| 16. Coil spring | 17. Upper rubber seat | 18. Shock absorber |
| 19. Bound bumper cover | 20. Bound bumper | 21. Lower bushing |
| 22. Upper bracket | 23. Upper bracket sleeve | 24. Gasket |
| 25. Upper bushing | 26. Washer | |

On-vehicle Service

INFOID:000000004276994

- Check suspension parts for excessive play, cracks, wear or damage. Shake each rear wheel to check for excessive play.
- Retighten all nuts and bolts to the specified torque. Refer to [RSU-5, "Component"](#).
- Make sure that the suspension arm cotter pin is inserted.
- Check the shock absorber for any oil leakage or other damage.
- Check wheelarch height. Refer to [RSU-19, "Wheelarch Height \(Unladen*\)"](#).
- Check suspension ball joint for grease leakage and ball joint dust cover for cracks or other damage.



LEIA0040E

Rear Wheel Alignment

INFOID:000000004276995

Before checking rear wheel alignment, be sure to make a preliminary inspection.

PRELIMINARY INSPECTION

- Check tires for wear and for improper inflation.
- Check wheels for deformation, cracks and other damage. If deformed, remove wheel and check wheel runout. Refer to [WT-5, "Inspection"](#).
- Check rear wheel bearings for looseness.
- Check rear suspension for looseness.
- Check that rear shock absorber works properly.
- Check wheelarch height (unladen*). Refer to [RSU-19, "Wheelarch Height \(Unladen*\)"](#).

GENERAL INFORMATION AND RECOMMENDATIONS

1. A Four-Wheel Thrust Alignment should be performed.
 - This type of alignment is recommended for any NISSAN vehicle.
 - The four-wheel "thrust" process helps ensure that the vehicle is properly aligned and the steering wheel is centered.
 - The alignment machine itself should be capable of accepting any NISSAN vehicle.
 - The alignment machine should be checked to ensure that it is level.
2. Make sure the alignment machine is properly calibrated.
 - Your alignment machine should be regularly calibrated in order to give correct information.
 - Check with the manufacturer of your specific alignment machine for their recommended Service/Calibration Schedule.

THE ALIGNMENT PROCESS

IMPORTANT: Use only the alignment specifications listed in this Service Manual. Refer to [RSU-18, "Rear Wheel Alignment \(Unladen*\)"](#).

1. When displaying the alignment settings, many alignment machines use "indicators": (Green/red, plus or minus, Go/No Go). **Do NOT use these indicators.**
 - The alignment specifications programmed into your alignment machine that operate these indicators may not be correct.
 - This may result in an ERROR.

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/048015001051006032>