FRONT & REAR SUSPENSION

SECTION SU

GI

MA

EM

EC

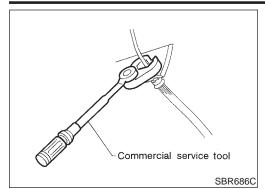
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IDX



Precautions

PRECAUTIONS

 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.
- Use flare nut wrench when removing or installing brake tubes.
 - Always torque brake lines when installing.
- Lock nuts are unreusable parts; always use new ones. When replacing, do not wipe the oil off the new lock nut before tightening.

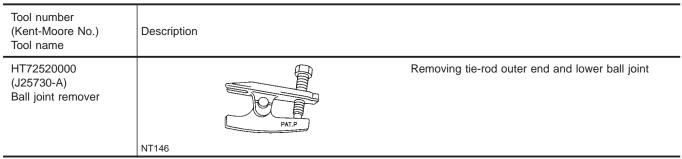
NHSU0002

NHSU0003

Preparation

SPECIAL SERVICE TOOLS

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



COMMERCIAL SERVICE TOOLS

Tool name	Description	
Attachment Wheel align- ment	NT148	Measure wheel alignment a: Screw M24 x 1.5 pitch b: 35 mm (1.38 in) dia. c: 65 mm (2.56 in) dia. d: 56 mm (2.20 in) e: 12 mm (0.47 in)
1 Flare nut crowfoot 2 Torque wrench		Removing and installing each brake piping a: 10 mm (0.39 in)

Tool name	Description		_
Spring compressor	THE TR	Removing and installing coil spring	GI
	STATE THE		MA
	NT717		_
			EM

AX

LC

EC

FE

AT

SU

BR

ST

RS

HA

SC

EL

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Noise, Vibration and Harshness (NVH) Troubleshooting

Noise, Vibration and Harshness (NVH) Troubleshooting

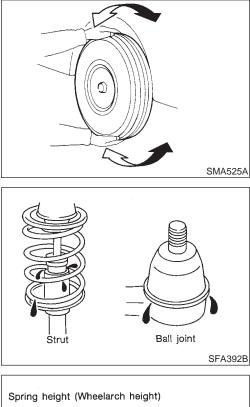
٩VF	4 1	ROUBLES	вно	ΟΤΙΝ	IG (СНА	RT																	IHSU000
Jse	th	e chart belo	w to	help	you	find	the	cau	ise d	of th	e sy	mpt	om.	lf n	eces	ssary	y, re	pair	or r	epla	ace t	hes	e pa	1000450 1 rts.
Ref	ere	nce page	SU-5, 18	SU-10, 23		I	I	SU-9, 21	SU-6	SU-11	SU-6	I	I		I	l	I	AX-3	AX-3		I	I	BR-6	ST-5
	SPE	le Cause and ECTED	Improper installation, looseness	Shock absorber deformation, damage or deflection	Bushing or mounting deterioration	Parts interference	Spring fatigue	Suspension looseness	Incorrect wheel alignment	Stabilizer bar fatigue	Out-of-round	Imbalance	Incorrect air pressure	Uneven tire wear	Deformation or damage	Non-uniformity	Incorrect tire size	DRIVE SHAFT	AXLE	SUSPENSION	TIRES	ROAD WHEEL	BRAKES	STEERING
		Noise	×	×	×	×	×	×										×	×		×	×	×	×
		Shake	×	×	×	×		×										×	×		×	×	×	×
	ION	Vibration	×	×	×	×	×											×	×		×			×
	SUSPENSION	Shimmy	×	×	×	×			×										×		×	×	×	×
	USP	Judder	×	×	×														×		×	×	×	×
	S	Poor quality ride or han- dling	×	×	×	×	×		×	×									×		×	×		
		Noise	×								×	×	×	×	×	×		×	×	×		×	×	×
		Shake	×								×	×	×	×	×		×	×	×	×		×	×	×
Symptom		Vibration											×				×	×	×	×				×
Sym	TIRES	Shimmy	×								×	×	×	×	×	×	×		×	×		×	×	×
	Ξ	Judder	×								×	×	×	×	×		×		×	×		×	×	×
		Poor quality ride or han- dling	×								×	×	×	×	×		×		×	×		×		
		Noise	×								×	×			×			×	×	×	×		×	×
	ΞL	Shake	×								×	×			×			×	×	×	×		×	×
	ROAD WHEEL	Shimmy, Judder	×								×	×			×				×	×	×		×	×
	RO∕	Poor quality ride or han- dling	×								×	×			×				×	×	×			

 \times : Applicable

Components

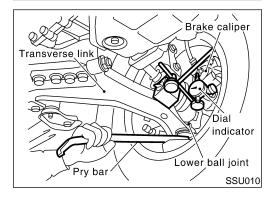
Components NHSU0005 SEC. 391•400•401 GI When installing rubber parts, final tightening must be carried out under unladen condition* with tires on ground. * Fuel, radiator coolant and engine oil full. MA Spare tire, jack, hand tools and mats in designated positions. EM 43 - 51 (4.3 - 5.3, 32 - 38) LC EC \bigcirc FE 1 AT AX 6 (5) SU 6 ഷ BR 3 ST 132 - 158 (13.4 - 16.2, O 132 - 158 97 - 117) ප් (13.4 - 16.2, RS 97 - 117) 132 - 158 (13.4 - 16.2, 97 - 117) BT Front HA 132 - 158 (13.4 - 16.2, 97 - 117) • : N•m (kg-m, ft-lb) SC SSU042 EL 1. Front suspension member 4. Rebound stopper 6. Strut assembly 2. Stabilizer bar 5. Knuckle 7. Coil spring Transverse link 3. IDX

On-vehicle Service



Hf

SFA818AA



FRONT SUSPENSION

On-vehicle Service FRONT SUSPENSION PARTS

Check front axle and front suspension 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 axle and suspension nuts and bolts to the specified torque.

Tightening torque: Refer to "FRONT SUSPENSION", SU-5.

- Check strut (shock absorber) for oil leakage or other damage.
- Check suspension ball joint for grease leakage and ball joint dust cover for cracks or other damage.
 If ball joint dust cover is cracked or damaged, replace trans-

If ball joint dust cover is cracked or damaged, replace transverse link.

- Check spring height from top of wheelarch to the ground.
- a) Vehicle must be unladen*, parked on a level surface, and tires checked for proper inflation and wear (tread wear indicator must not be showing).

*: Fuel, radiator coolant and engine oil full. Spare tire, jack, hand tools and mats in designated positions.

- b) Bounce vehicle up and down several times before measuring. **Standard height: Refer to SDS (SU-16).**
- c) Spring height is not adjustable. If out of specification, check for worn springs or suspension parts.
- Check suspension ball joint end play.
- a) Jack up front of vehicle and set the stands.
- b) Clamp dial indicator onto transverse link and place indicator tip on lower edge of brake caliper.
- c) Make sure front wheels are straight and brake pedal is depressed.
- d) Place a pry bar between transverse link and inner rim of road wheel.
- e) While raising and releasing pry bar, observe maximum dial indicator value.

Vertical end play: 0 mm (0 in)

f) If ball joint movement is beyond specifications, remove and replace it.

FRONT WHEEL ALIGNMENT

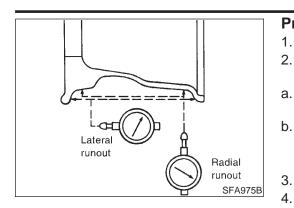
Before checking front wheel alignment, be sure to make a preliminary inspection (Unladen*).

*: Fuel, radiator coolant and engine oil full. Spare tire, jack, hand tools and mats in designated positions.

5. 6. 7.

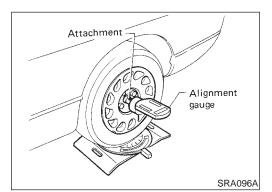
FE

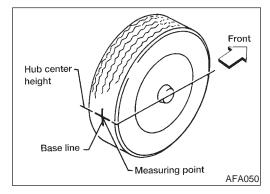
AT

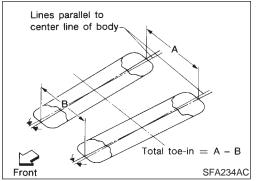


Preliminary Inspection

-		NHSU0007S01	
	Check tires for wear and improper inflation.	NH300007301	
	Check wheels for deformation, cracks and other dama If deformed, remove wheel and check wheel runout. Remove tire from wheel and mount wheel on a tire machine.	0	GI
	Set dial indicator as shown in the illustration.		MA
	Wheel runout (Dial indicator value):		
	Refer to SDS, SU-16.		EM
	Check front wheel bearings for looseness.		GIVI
	Check front suspension for looseness.		
	Check steering linkage for looseness.		LC
	Check that front shock absorbers work properly.		
	Check vehicle posture (Unladen).		FC







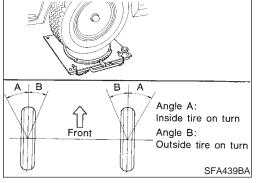
Cai	mber, Caster and Kingpin Inclination	AX
	nber, caster and kingpin inclination are preset at factory	
	I cannot be adjusted.	SU
1.	Measure camber, caster and kingpin inclination of both right and left wheels with a suitable alignment gauge.	
	Camber, caster and kingpin inclination:	BR
	Refer to SDS, SU-15.	
2.	If camber, caster or kingpin inclination is not within specification, inspect front suspension parts. Replace damaged or worn out parts.	ST
_	_	RS
Τοε	NHSU0007S03	
	asure toe-in using the following procedure. RNING:	BT
•	Always perform the following procedure on a flat surface.	
•	Make sure that no person is in front of the vehicle before pushing it.	HA
1.	Bounce front of vehicle up and down to stabilize the posture.	
2.	Push the vehicle straight ahead about 5 m (16 ft).	SC
3.	Put a mark on base line of tread (rear side) of both tires at the same height as hub center. These are measuring points.	
		EL
4.	Measure distance "A" (rear side).	
5.	Push the vehicle slowly ahead to rotate the wheels 180 degrees (1/2 turn).	IDX
the	e wheels have rotated more than 180 degrees (1/2 turn), try above procedure again from the beginning. Never push icle backward.	
6.	Measure distance "B" (front side).	
	Total toe-in:	

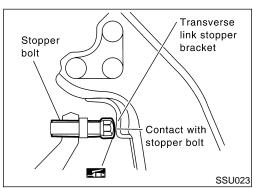
Refer to SDS, SU-15.

On-vehicle Service (Cont'd)

FRONT SUSPENSION

Lock nut 7





- 7. Adjust toe-in by varying the length of steering tie-rods.
- a. Loosen lock nuts.
- b. Adjust toe-in by screwing tie-rods in and out.

Standard length "L": Refer to ST-30, "SDS".

c. Tighten lock nuts to specified torque.

Lock nut tightening torque: Refer to ST-15, "POWER STEERING GEAR AND LINK-AGE".

Front Wheel Turning Angle

- Set wheels in straight-ahead position. Then move vehicle forward until front wheels rest on turning radius gauge properly.
- 2. Rotate steering wheel all the way right and left; measure turning angle.
 - Do not hold the steering wheel on full lock for more than 15 seconds.

Wheel turning angle (Full turn): Refer to SDS, SU-15.

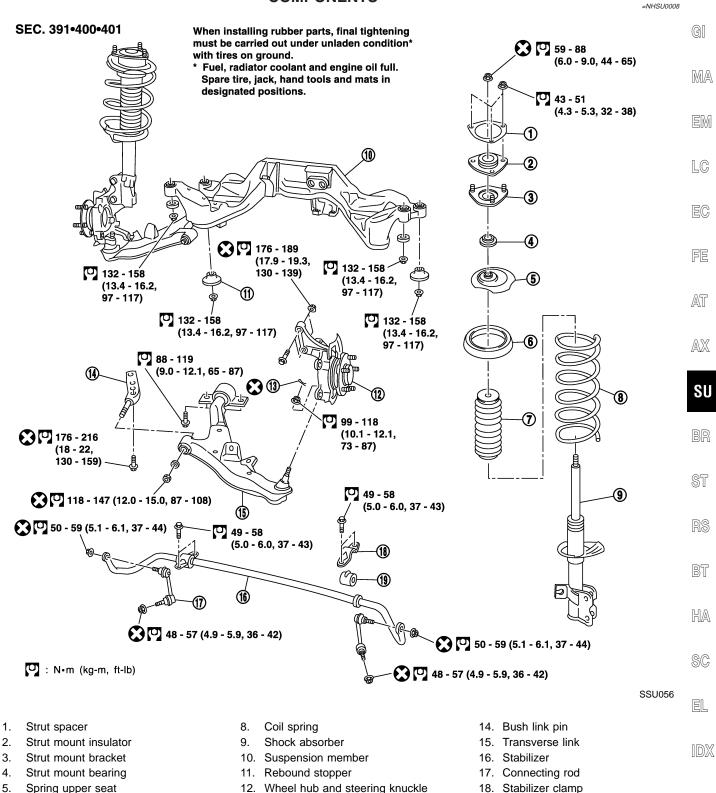
3. Check stopper bolt head to see whether it contacts stopper bracket at specified outside wheel angle. If not, adjust stopper bolt to contact stopper bracket at the correct angle. Adjust protrusion of stopper bolt before placing stopper bolt cap.

Apply grease to face of stopper bracket that bolt touches.

Tighten stopper bolt lock nut.

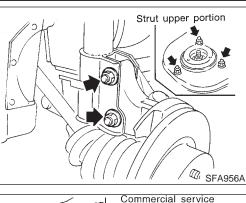
🖸 : 54 - 72 N·m (5.5 - 7.3 kg-m, 40 - 53 ft-lb)

Coil Spring and Shock Absorber COMPONENTS



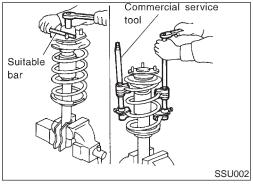
- Spring rubber seat 6.
- 7. Bound bumper rubber
- 13. Cotter pin

- 19. Bushing



REMOVAL AND INSTALLATION

- Remove shock absorber fixing bolt and nut (to hoodledge).
- Do not remove piston rod lock nut on vehicle.



DISASSEMBLY

- 1. Set shock absorber on vise, then **loosen** piston rod lock nut.
- Do not remove piston rod lock nut at this time.
- 2. Compress spring with Tool so that shock absorber mounting insulator can be turned by hand.

WARNING:

Make sure that the pawls of the two spring compressors are firmly hooked on the spring. The spring compressors must be tightened alternately so as not to tilt the spring.

3. Remove piston rod lock nut.

SSU003

INSPECTION Shock Absorber Assembly

NHSU0011

- Check for smooth operation through a full stroke, both compression and extension.
- Check for oil leakage on welded or gland packing portions.
- Check piston rod for cracks, deformation or other damage. Replace if necessary.

Mounting Insulator and Rubber Parts

 Check cemented rubber-to-metal portion for separation or cracks. Check rubber parts for deterioration.
 Replace if necessary.

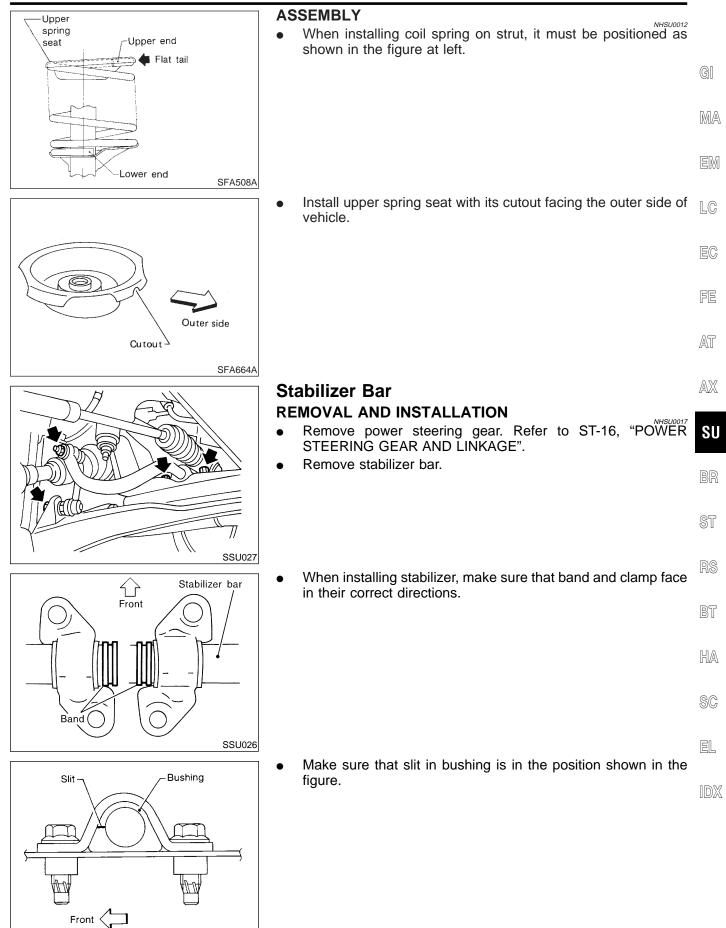
Thrust Bearing

- Check thrust bearing parts for abnormal noise or excessive rattle in axial direction.
- Replace if necessary.

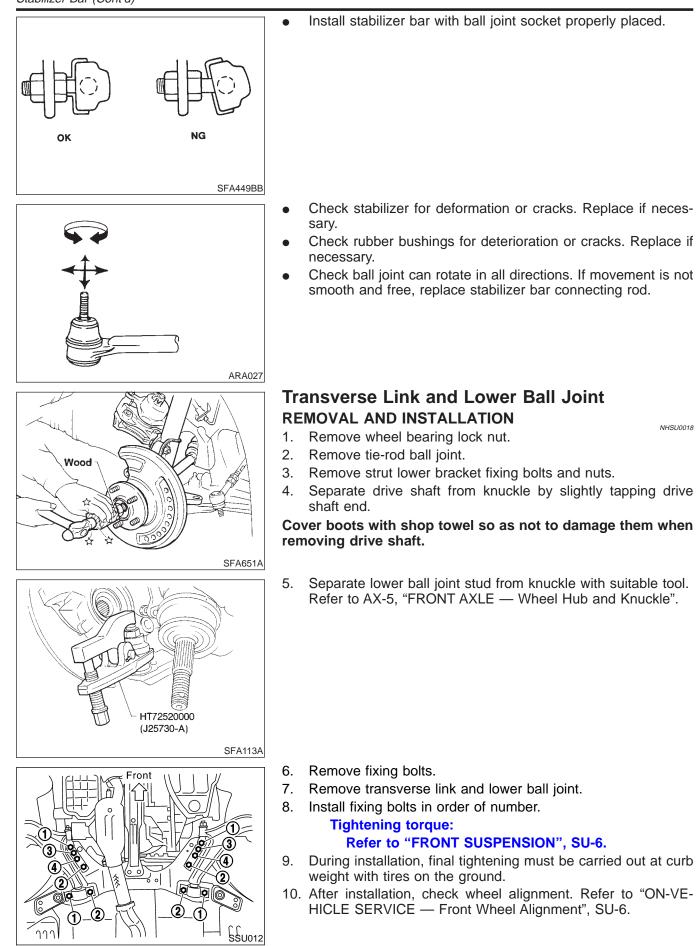
Coil Spring

Check for cracks, deformation or other damage. Replace if necessary.

SU-10



SFA604B



SU-12

INSPECTION

NHSU0019 NHSU0019S01

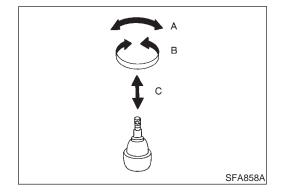
Transverse Link

- Check transverse link for damage, cracks or deformation. • Replace it if necessary.
- Check rubber bushing for damage, cracks and deformation. Replace transverse link if necessary. •

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Lower Ball Joint

•

ver Ball Joint	LC
Check ball joint for play. Replace transverse link assembly if	
any of the following cases occur. Ball stud is worn, play in axial	
direction is excessive or joint is hard to swing.	EC
Before checking, turn ball joint at least 10 revolutions so that	
ball joint is properly broken in.	PP
Swinging force "A":	FE
(measuring point: cotter pin hole of ball stud):	
7.8 - 77.5 N (0.8 - 7.9 kg, 1.8 - 17.4 lb)	AT
Turning torque "B":	0-70
0.50 - 4.90 N⋅m (5.1 - 50 kg-cm, 4.4 - 43.4 in-lb)	
Vertical end play "C":	AX
0 mm (0 in)	

Check dust cover for damage. Replace it and cover clamp if SU necessary.

BR

ST

RS

BT

HA

SC

EL

IDX

Service Data and Specifications (SDS)

GENERAL SPECIFICATIONS (FRONT)

GENERAL SI ECII ICATIONS (I ROI	=NHSU0020
Suspension type	Independent MacPherson strut
Shock absorber type	Double-acting hydraulic
Stabilizer bar	Standard equipment

FRONT WHEEL ALIGNMENT (UNLADEN*1)

Tire size			P225/50R17	P215/55R17	_	
Camber			-1°00′	-1°00′ (-1.00°)		
Degree minute (Decima	I degree)	Nominal	-0°15′ (-0.25°)			
		Maximum	0°30′	(0.50°)		
		Left and right difference	45′ (0.75	5°) or less		
Caster		Minimum	2°00′	(2.00°)	_	
Degree minute (Decima	l degree)	Nominal	2°45′	(2.75°)		
		Maximum	3°30′	(3.50°)		
		Left and right difference	45' (0.75°) or less			
Kingpin inclination	t de me e)	Minimum	13°30′ (13.50°)			
Degree minute (Decimal degree)		Nominal	14°15′ (14.25°)			
		Maximum	15°00′	(15.00°)		
Total toe-in		Minimum	0	(0)		
	Distance (A – B) mm (in)	Nominal	1 (0	0.04)		
		Maximum	2 (0	0.08)		
		Minimum	0′ (0).00°)		
	Angle (left plus right) Degree minute (Decimal degree)	Nominal	6′ (0).10°)		
		Maximum	12′ (0.20°)		
Wheel turning angle Full turn*2		Minimum	29°30′	(29.50°)		
ruii iulii z	Inside Degree minute (Decimal degree)	Nominal	33°00′	(33.0°)	[
		Maximum	34°00′	(34.0°)		
	Outside Degree minute (Decimal degree)	Nominal	28°30′	(28.50°)		

*1: Fuel, radiator coolant and engine oil full. Spare tire, jack, hand tools and mats in designated positions.

RS *2: On power steering models, wheel turning force (at circumference of steering wheel) of 98 to 147 N (10 to 15 kg, 22 to 33 lb) with engine idle.

LOWER BALL JOINT

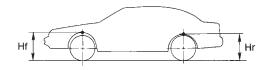
	NHSU0022	BT
Swinging force "A" (Measuring point: cotter pin hole of ball stud) N (kg, lb)	7.8 - 77.5 (0.8 - 7.9, 1.8 - 17.4)	HA
Turning torque "B" N-m (kg-cm, in-lb)	0.50 - 4.90 (5.1 - 50.0, 4.4 - 43.4)	11/47
Vertical end play "C" mm (in)	0 (0)	SC

IDX

Service Data and Specifications (SDS) (Cont'd)

WHEELARCH HEIGHT (UNLADEN*)

=NHSU0041



SFA818A

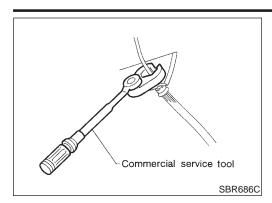
NHSU0023

Applied model	Models with 225/50R17 tire	Models with P215/55R17 tire
Front (Hf) mm (in)	707 (27.83)	712 (28.03)
Rear (Hr) mm (in)	694 (27.32)	704 (27.72)

*: Fuel, radiator coolant and engine oil full. Spare tire, jack, hand tools and mats in designated positions.

WHEEL RUNOUT

Wheel type	Aluminum	Steel wheel	
Wheel type	Aldminum	Inside	Outside
Radial runout limit mm (in)	0.3 (0.012)	0.8 (0.031) or less	0.4 (0.016) or less
Lateral runout limit mm (in)	0.3 (0.012)	1.0 (0.039) or less	0.9 (0.035) or less



Precautions

PRECAUTIONS

When installing each rubber part, final tightening must be carried out under unladen condition* with tires on ground. GI will shorten the life of rubber bushes. Be sure to wipe off any spilled oil.
 *: Evel radiator coolant and engine oil full. Spare tire tack.

*: Fuel, radiator coolant and engine oil full. Spare tire, jack, \mbox{MA} 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 unreusable parts; always use new ones.
 When replacing, do not wipe the oil off of the new lock nut before tightening.

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Preparation

		NHSU0026	
Tool name	Description		SU
Equivalent to GG94310000 1 Flare nut crowfoot		Removing and installing brake piping a: 10 mm (0.39 in)	BR
2 Torque wrench			ST
Spring compressor	NT360	Removing and installing coil spring	RS
opg cop.cocci	The state of the s		
	Contraction of the second seco		BT
			HA
	NT717		

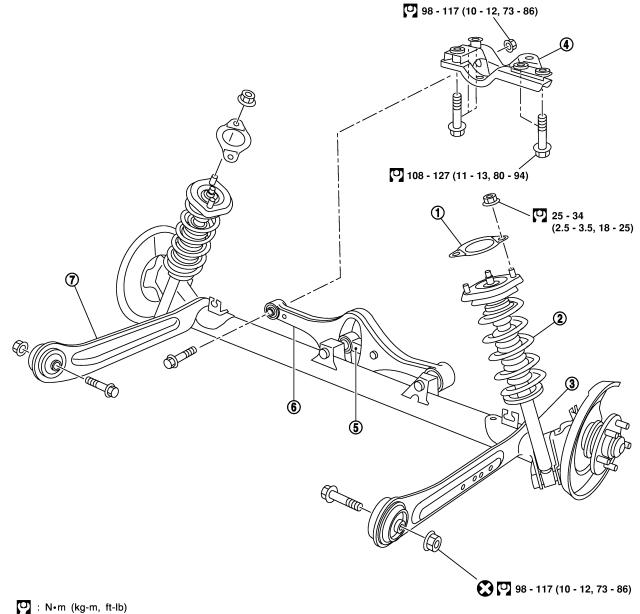
COMMERCIAL SERVICE TOOLS

Noise, Vibration and Harshness (NVH) Troubleshooting

Refer to "Noise, Vibration and Harshness (NVH) Troubleshooting", "FRONT SUSPENSION", SU-4.

Components

NHSU0028



- 1. Shock absorber mounting seal
- 2. Coil spring
- 3. Shock absorber

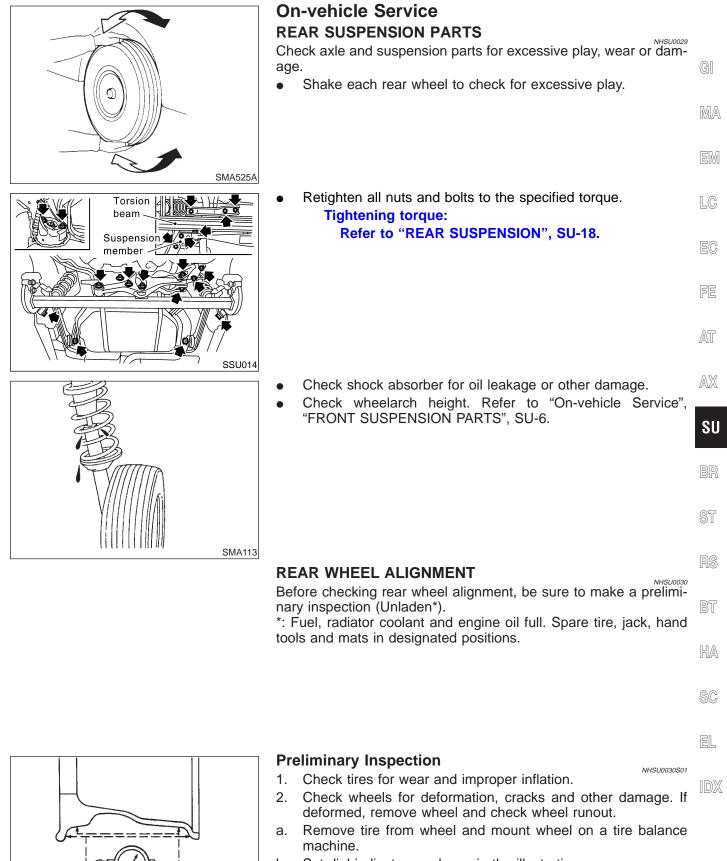
- 4. Suspension member
- 5. Control rod

6. Lateral link

SSU013

7. Torsion beam

REAR SUSPENSION



b. Set dial indicator as shown in the illustration.

Wheel runout (Dial indicator value): Refer to SDS, SU-16.

3. Check front wheel bearings for looseness.

Lateral

runout

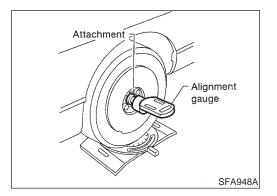
Radial

runout

SFA975B

REAR SUSPENSION

- 4. Check front suspension for looseness.
- 5. Check steering linkage for looseness.
- 6. Check that front shock absorbers work properly.
- 7. Check vehicle posture (Unladen).

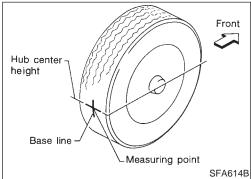


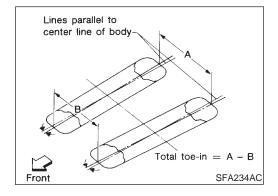
Camber

Camber is preset at factory and cannot be adjusted. Camber:

Refer to SDS, SU-26.

• If the camber is not within specification, inspect and replace any damaged or worn rear suspension parts.





Toe-in

NHSU0030S03

NHSU0030S02

Toe-in is preset at factory and cannot be adjusted. Measure toe-in using following procedure. If out of specification, inspect and replace any damaged or worn rear suspension parts.

WARNING:

- Perform following procedure always on a flat surface.
- Make sure that no person is in front of the vehicle before pushing it.
- 1. Bounce rear of vehicle up and down to stabilize the posture.
- 2. Push the vehicle straight ahead about 5 m (16 ft).
- 3. Put a mark on base line of the tread (rear side) of both tires at the same height of hub center. This mark is a measuring point.
- 4. Measure distance "A" (rear side).
- 5. Push the vehicle slowly ahead to rotate the wheels 180 degrees (1/2 turn).

If the wheels have rotated more than 180 degrees (1/2 turn), try the above procedure again from the beginning. Never push vehicle backward.

6. Measure distance "B" (front side).

Total toe-in: A – B Refer to SDS, SU-26.

Removal and Installation

NHSU0031

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AX

SU

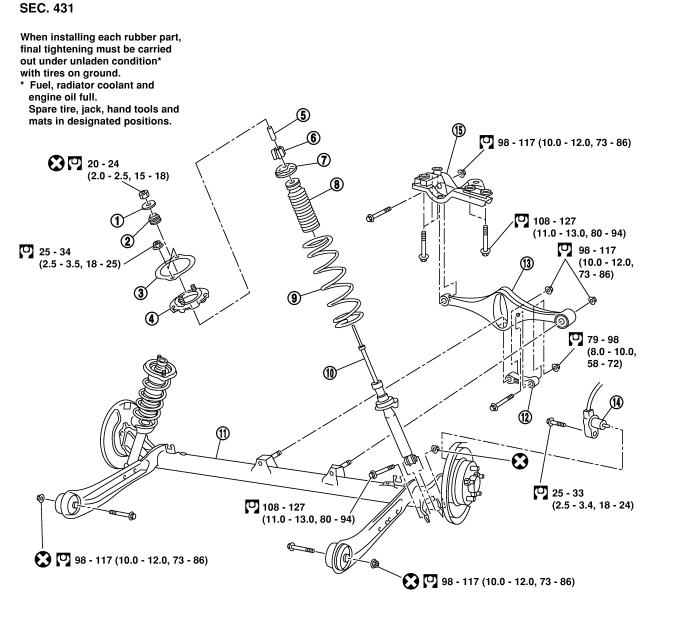
BR

ST

BT

HA

SC



• N•m (kg-m, ft-lb)

SSU015

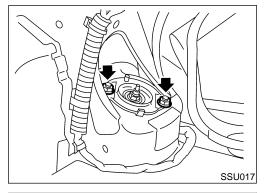
- 1. Washer
- 2. Bushing
- 3. Shock absorber mounting seal
- 4. Shock absorber mounting bracket
- 5. Distance tube

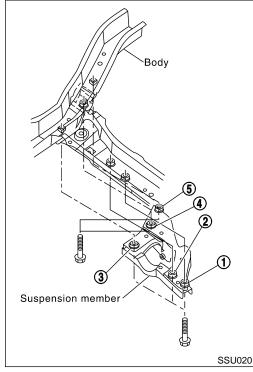
- 6. Bushing
- 7. Bound bumper cover
- 8. Bound bumper
- 9. Coil spring
- 10. Shock absorber

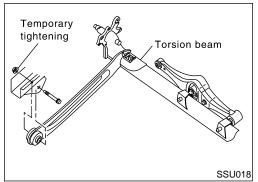
- 11. Torsion beamEL12. Control rod13. Lateral link14. ABS sensor
 - 15. Suspension member

REAR SUSPENSION

SSU016







REMOVAL

CAUTION:

- Before removing the rear suspension assembly, disconnect the ABS wheel sensor from the assembly. Failure to do so may result in damage to the sensor wires and the sensor becoming inoperative.
- Remove suspension assembly.
- 1. Remove tires, then remove brake hose lock plate.
- 2. Disconnect parking brake cable from caliper and remove brake caliper and rotor.

Suspend caliper assembly with wire so as not to stretch brake hose.

Be careful not to depress brake pedal, or piston will pop out. Make sure brake hose is not twisted.

- 3. Using a transmission jack, raise torsion beam a little, and remove nuts and bolts from the trailing arm, shock absorber assembly (lower side) and lateral link.
- 4. Lower transmission jack, and remove suspension.
- 5. Remove trunk room trim. Refer to BT-43, "Trunk Room Trim".
- 6. Remove strut securing nuts (upper side). Then pull out strut assembly.

INSTALLATION

• Install suspension assembly.

CAUTION:

Refill with new brake fluid "DOT 3". Never reuse drained brake fluid.

- 1. Install suspension member.
- a. Temporarily tighten bolt 5.
- b. Tighten all bolts in numerical order shown in the figure.

Tightening torque: Refer to SU-21.

- 2. Attach control rod to lateral link. Do not tighten bolts at this time.
- 3. Attach lateral link, control rod and torsion beam to vehicle. Do not tighten bolts at this time.

NHSU0031S02

REAR SUSPENSION

Removal and Installation (Cont'd)

GI

MA

LC

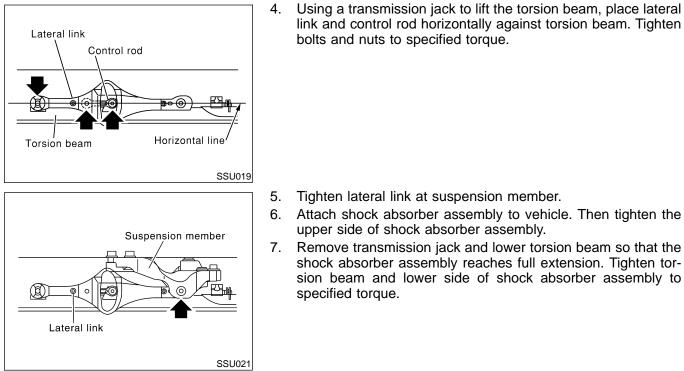
AT

AX

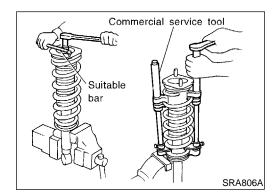
SU

BT

HA



Tighten lateral link at suspension member. Attach shock absorber assembly to vehicle. Then tighten the upper side of shock absorber assembly. Remove transmission jack and lower torsion beam so that the shock absorber assembly reaches full extension. Tighten torsion beam and lower side of shock absorber assembly to Coil Spring and Shock Absorber **REMOVAL AND INSTALLATION** NHSU0032 Remove shock absorber upper and lower fixing nuts. Do not remove piston rod lock nut on vehicle.



DISASSEMBLY

- HSU0033 1. Set shock absorber in vise, then **loosen** piston rod lock nut. Do not remove piston rod lock nut at this time.
- Compress spring with Tool so that the shock absorber upper 2. spring seat can be turned by hand.

WARNING:

Make sure that the pawls of the two spring compressors are firmly hooked on the spring. The spring compressors must be SC tightened alternately so as not to tilt the spring.

3. Remove piston rod lock nut.

INSPECTION

Shock Absorber Assembly

- NHSU0034S01 Check for smooth operation through a full stroke, both compression and extension.
- Check for oil leakage on welded or gland packing portions.
- Check piston rod for cracks, deformation or other damage. Replace if necessary.

Upper Rubber Seat and Bushing

Check rubber parts for deterioration or cracks. Replace if necessary.

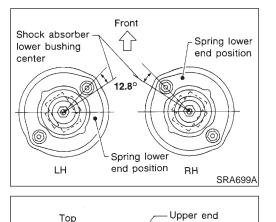
NHSU0034S02

NHSU0034

SU-23

Coil Spring

Check for cracks, deformation or other damage. Replace if necessary.



Bottom

Flat

tail

ower end

SFA436B

ASSEMBLY

• Locate upper spring seat as shown.

NHSU0035

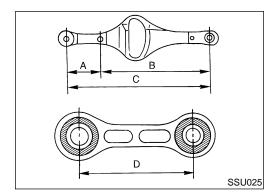
- When installing coil spring, be careful not to reverse top and bottom direction. (Top end is flat.)
- When installing coil spring on shock absorber, it must be positioned as shown in figure at left.

CAUTION:

Do not reuse piston rod lock nut.

Torsion Beam, Lateral Link and Control Rod DISASSEMBLY

- Remove torsion beam assembly. Refer to "Removal and Installation", "REAR SUSPENSION", SU-22.
- Remove lateral link and control rod from torsion beam.



INSPECTION

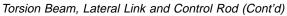
 Check for cracks, distortion or other damage. Replace if necessary.

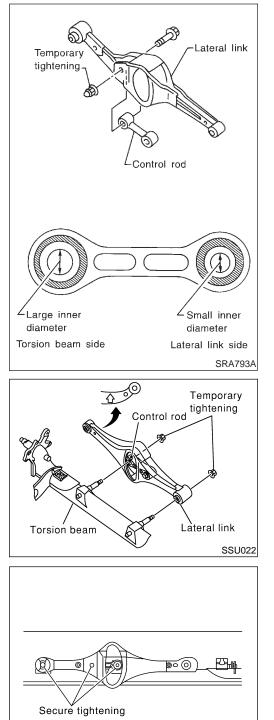
Standard length:

- A 206.5 208.5 mm (8.13 8.21 in)
- B 393.5 395.5 mm (15.49 15.57 in)
- C 600 604 mm (23.62 23.78 in)
- D 106 108 mm (4.17 4.25 in)
- Check all rubber parts for wear, cracks or deformation. Replace if necessary.

SU-24

REAR SUSPENSION





	AS	SEMBLY	
al link	1. ●	Temporarily assemble lateral link and control rod. When installing the control rod, connect the bush with the smaller inner diameter to the lateral link.	GI
)			MA
			EM
			LC
			EC
inner			FE
er k side			AT
SRA793A orary ning	2. ●	Temporarily install lateral link and control rod on torsion beam. When installing, place lateral link with the arrow topside.	AX
iiig			SU
			BR
link			ST
SSU022	3.	Place lateral link and control rod horizontally against torsion beam, and tighten to the specified torque.	RS
	4.	Install torsion beam assembly. Refer to "Removal and Installation", "REAR SUSPENSION", SU-22.	BT
			HA
			SC
SSU024			EL

IDX

Service Data and Specifications (SDS)

=NHSU0039

GENERAL SPECIFICATIONS (REAR)

Suspension type	Multi-link beam suspension	
Shock absorber type	Double-acting hydraulic	

REAR WHEEL ALIGNMENT (UNLADEN*)

NEAR WHEEL ALIGNIVIENT (UNLADEN)			
Camber Degree minute (Decimal degree)		Minimum	–1°45′ (–1.75°)
		Nominal	-1°00′ (-1.00°)
		Maximum	-0°15′ (-0.25°)
	. ,	Minimum	-3 (-0.12)
	mm (in)	Nominal	1 (0.04)
		Maximum	5 (0.20)
	Angle (left plus right)	Minimum	-16′ (-0.27°)
	Degree minute (Decimal degree)	Nominal	5′30″ (0.09°)
		Maximum	26′ (0.43°)

*: Fuel, radiator coolant and engine oil full. Spare tire, jack, hand tools and mats in designated positions.