SECTION RSU
REAR SUSPENSION

CONTENTS

SYMPTOM DIAGNOSIS

NOISE, VIBRATION AND HARSHNESS (NVH) TROUBLESHOOTING

NVH Troubleshooting Chart

INFOID:0000000010297251

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

Reference page			RSU-19	RSU-10	—	—	—	RSU-19	RSU-5	RSU-16	RSU-2, "NVH Troubleshooting Chart"	DLN-181, "NVH Troubleshooting Chart"	RAX-2, "NVH Troubleshooting Chart" RAX-7, "NVH Troubleshooting Chart"	NVH in WT section	NVH in WT section	RAX-7, "NVH Troubleshooting Chart"	BR-4, "NVH Troubleshooting Chart"
Possible cause and SUSPECTED PARTS			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	PROPELLER SHAFT (4WD)	DIFFERENTIAL (4WD)	REAR AXLE AND REAR SUSPENSION	TIRES S	ROAD WHEEL	DRIVE SHAFT (4WD)	BRAKE
Symptom	REAR SUSPENSION	Noise	×	×	×	×	×	×			×	×	×	×	×	×	×
		Shake	×	×	×	×		×			×		×	×	×	×	×
		Vibration	×	×	×	×	×				×		×	×		×	
		Shimmy	×	×	×	×			×				×	×	×		×
		Judder	×	×	×								×	×	×		×
		Poor quality ride or handling	×	×	×	×	×		×	×			×	×	×		

×: Applicable

PRECAUTION

PRECAUTIONS

Precautions for Suspension

INFOID:0000000010297252

CAUTION:

- **When installing rubber bushings, the final tightening must be carried out under unladen conditions with tires on ground. Oil might shorten the life of rubber bushings. Be sure to wipe off any spilled oil.**
- **Unladen conditions mean that fuel, engine coolant and lubricant are full. Spare tire, jack, hand tools and mats are in designated positions.**
- **After servicing suspension parts, be sure to check wheel alignment.**
- **Self-lock nuts are not reusable. Always use new ones when installing. Since new self-lock nuts are pre-oiled, tighten as they are.**

PERIODIC MAINTENANCE

REAR SUSPENSION ASSEMBLY

Inspection and Adjustment

INFOID:0000000010297253

MOUNTING INSPECTION

Make sure the mounting conditions (looseness, backlash) of each component and component conditions (wear, damage) are normal.

SHOCK ABSORBER

Check for oil leakage and damage, replace if malfunction is detected.

WHEEL ALIGNMENT

Wheel Alignment Inspection

INFOID:0000000010297254

INSPECTION

Description

Measure wheel alignment under unladen conditions.

NOTE:

“Unladen conditions” means that fuel, engine coolant, and lubricant are full. Spare tire, jack, hand tools and mats are in designated positions.

Preliminary Check

Check the following:

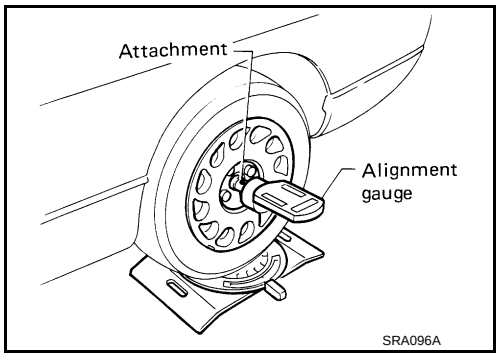
- Tires for improper air pressure and wear
- Road wheels for runout: Refer to WT-60, "Inspection".
- Wheel bearing axial end play: Refer to RAX-3, "Inspection" (2WD), RAX-10, "Inspection" (4WD).
- Shock absorber operation
- Each mounting point of axle and suspension for looseness and deformation
- Each of lower link, upper link, rear suspension member, suspension arm and shock absorber for cracks, deformation, and other damage
- Vehicle height (posture)

Camber

- Measure camber of both right and left wheels with a suitable alignment gauge.
- If camber exceeds the standard value, adjust with adjusting bolt in lower. Refer to RSU-6, "Adjustment".

Standard

Camber: Refer to RSU-21, "Wheel Alignment".



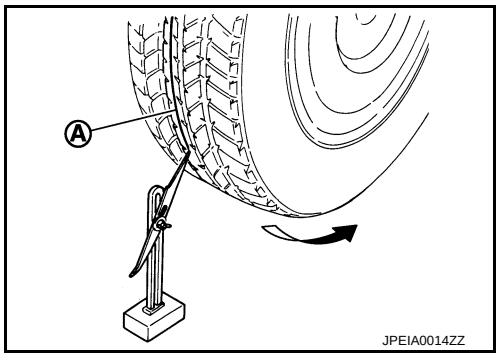
Toe-In

Measure toe-in by the following procedure.

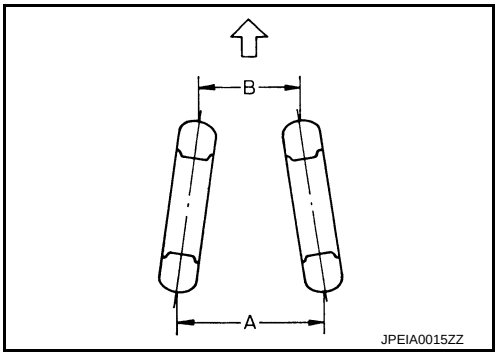
WARNING:

- **Always perform the following procedure on a flat surface.**
- **Make sure that no person is in front of vehicle before pushing it.**

1. Bounce the front of vehicle up and down to stabilize the vehicle height (posture).
2. Push vehicle straight ahead about 5 m (16 ft).
3. Put matching mark (A) on base line of the tread (rear side) of both tires at the same height of hub center. These are measuring points.



4. Measure distance (A) (rear side).
5. Push vehicle slowly ahead to rotate wheels 180 degrees (1/2 turn).
   NOTE:
   If the wheels rotates more than 180 degrees (1/2 turn), start this procedure again from the beginning. Do not push the vehicle backward.
6. Measure distance (B) (front side).



Standard

Total toe-in: Refer to RSU-21, "Wheel Alignment".

- If toe-in exceeds the standard value, adjust with adjusting bolt in suspension arm.

Adjustment

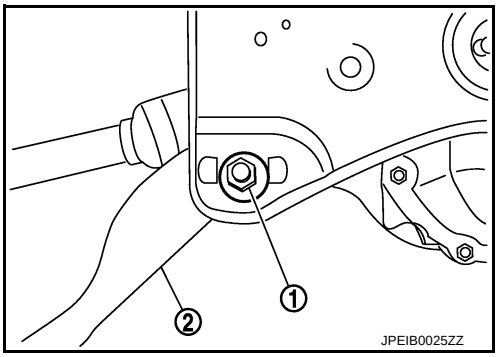
INFOID:0000000010297255

CAMBER

If camber exceeds the standard value, adjust with adjusting bolt (1) in lower link (2).

CAUTION:

After adjusting camber, be sure to check toe-in.



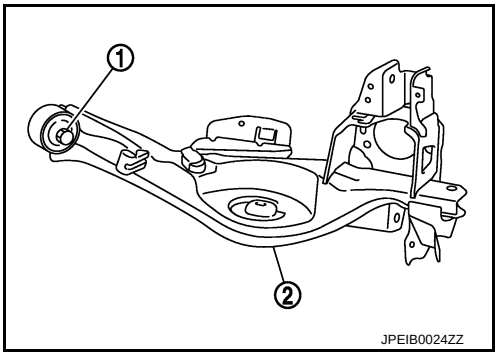
Standard

Camber: Refer to RSU-21, "Wheel Alignment".

- If camber exceeds the standard value, inspect and replace any damaged or worn suspension parts.

TOE-IN

If toe-in exceeds the standard value, adjust with adjusting bolt (1) in suspension arm (2).



Standard

Toe-In: Refer to RSU-21, "Wheel Alignment".

CAUTION:

Be sure to adjust equally on RH and LH side with adjusting bolt.

- If toe-in exceeds the standard value, inspect and replace any damaged or worn suspension parts.

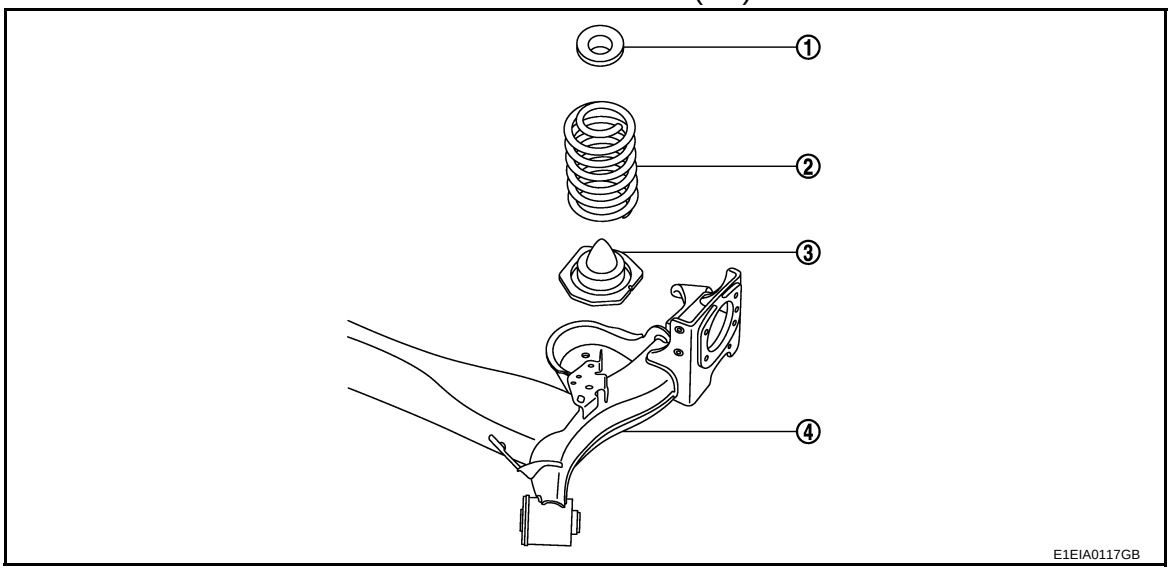
REMOVAL AND INSTALLATION

COIL SPRING

Exploded View

INFOID:0000000010297256

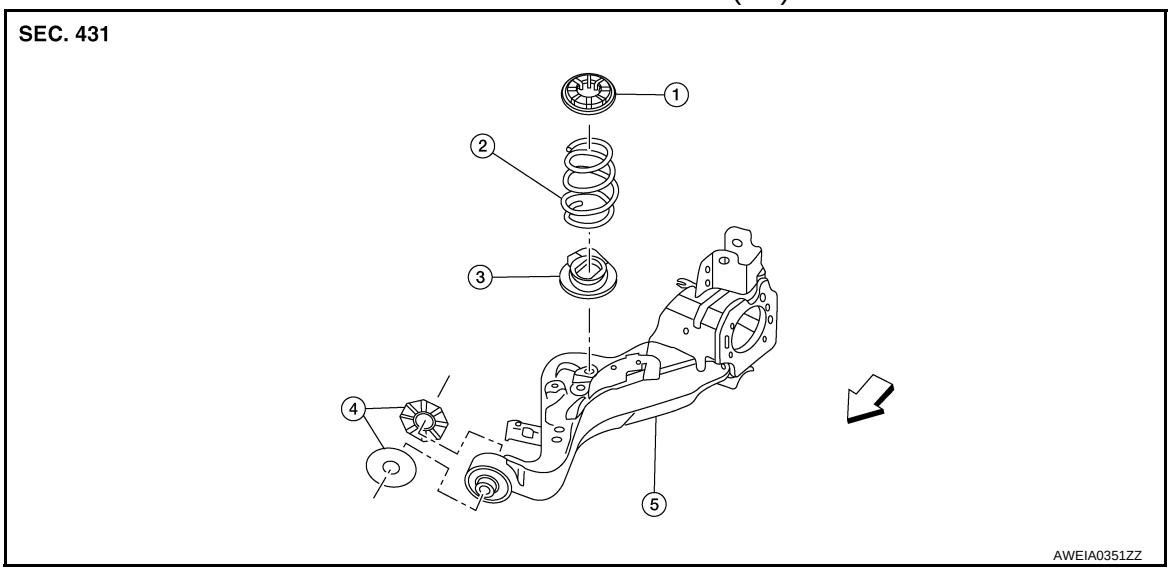
FOR 2WD EUROPE (HT)



1. Upper rubber seat
2. Coil spring
3. Lower seat
4. Rear suspension arm

Refer to GI-4, "Components" for symbols in the figure.

FOR 2WD GOM and 4WD (TC)



1. Upper rubber seat
2. Coil spring
3. Lower seat
4. Rubber washer (LH/RH)
5. Rear suspension arm

⇦ : Front

Refer to GI-4, "Components" for symbols in the figure.

Removal and Installation

INFOID:0000000010297257

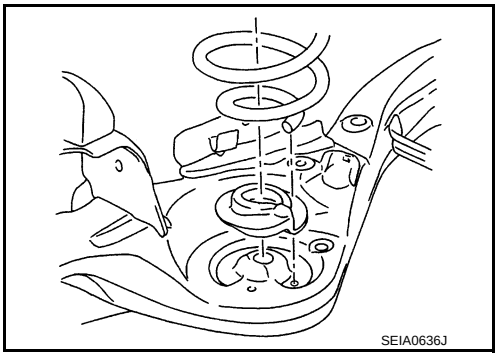
REMOVAL

1. Remove tires from vehicle.
2. Remove torque member mounting bolts. Hang torque member where it does not interfere with work. Refer to BR-43, "BRAKE CALIPER ASSEMBLY : Exploded View" (LHD), BR-86, "BRAKE CALIPER ASSEMBLY : Exploded View" (RHD).
   CAUTION:
   Never depress brake pedal while brake caliper is removed.
3. Remove wheel sensor from axle housing. Refer to BRC-139, "REAR WHEEL SENSOR : Exploded View".
4. Set suitable jack under suspension arm.
5. Remove shock absorber from suspension arm. Refer to RSU-9, "Exploded View".
6. Remove lower link from suspension arm. Refer to RSU-13, "Exploded View".
7. Remove upper link from suspension arm. Refer to RSU-15, "Exploded View".
8. Remove drive shaft (4WD). Refer to RAX-14, "Exploded View".
9. Remove coil spring from vehicle.

INSTALLATION

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

- Match up lower rubber seat indentions and suspension arm grooves and attach.
- Install coil spring by aligning lower end of the large diameter side to step between lower rubber seat and suspension arm.
- Perform the final tightening of rear suspension member and axle installation position (rubber bushing) under unladen condition with tires on level ground.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Inspection

INFOID:0000000010297258

INSPECTION AFTER REMOVAL

Check lower link, bushing and coil spring for deformation, crack, and damage. Replace it if necessary.

INSPECTION AFTER INSTALLATION

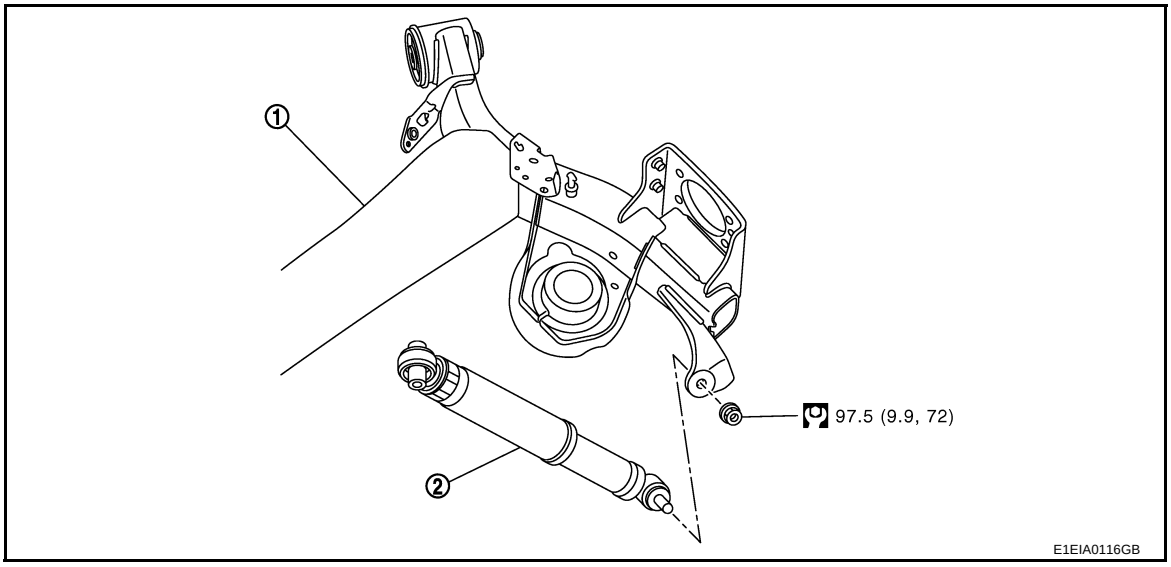
1. Check wheel alignment. Refer to RSU-5, "Wheel Alignment Inspection".
2. Adjust neutral position of steering angle sensor. Refer to BRC-66, "Work Procedure" .

REAR SHOCK ABSORBER

Exploded View

INFOID:0000000010297259

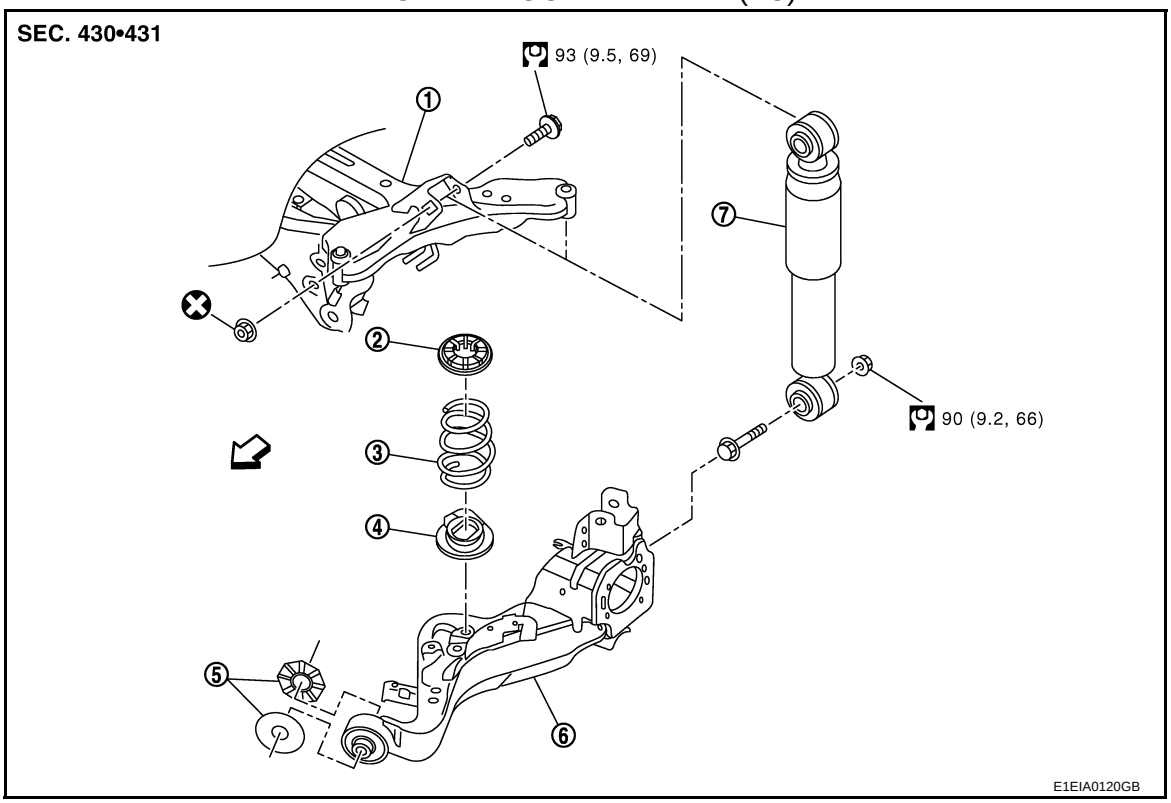
FOR 2WD EUROPE (HT)



1. Rear suspension beam
2. Rear shock absorber

Refer to GI-4, "Components" for symbols in the figure.

FOR 2WD GOM AND 4WD (TC)



1. Rear suspension member
2. Upper rubber seat
3. Coil spring
4. Lower rubber seat
5. Rubber washer (LH/RH)
6. Rear suspension arm
7. Rear shock absorber

⇦ : Front

Refer to GI-4, "Components" for symbols in the figure.

Removal and Installation

INFOID:0000000010297260

REMOVAL

1. Remove tires from vehicle.
2. Set suitable jack under suspension arm to relieve the coil spring tension.
3. Remove shock absorber.

INSTALLATION

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

- Perform final tightening of bolts and nuts at the shock absorber lower side (rubber bushing), under unladen conditions with tires on level ground.

Inspection

INFOID:0000000010297261

INSPECTION AFTER REMOVAL

- Check shock absorber for deformation, cracks, damage. Replace it if necessary.
- Check welded and sealed areas for oil leakage. Replace it if necessary.

INSPECTION AFTER INSTALLION

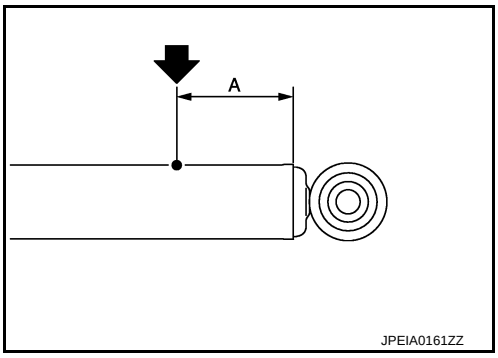
1. Check wheel alignment. Refer to RSU-5, "Wheel Alignment Inspection".
2. Adjust neutral position of steering angle sensor. Refer to BRC-66, "Work Procedure".

Disposal

INFOID:0000000010297262

1. Set shock absorber horizontally with the piston rod fully extended.
2. Drill 2 - 3 mm (0.08 - 0.12 in) hole at the position (●) from the top as shown to release gas gradually.
   CAUTION:
   - **Wear eye protection (safety glasses).**
   - **Wear gloves.**
   - **Be careful with metal chips or oil blown out by the compressed gas.**

   NOTE:
   - Drill vertically in the direction (⬅).
   - Directly to the outer tube avoiding brackets.
   - The gas is clear, colorless, odorless and harmless.



A : approximately 20 mm (0.79 in)

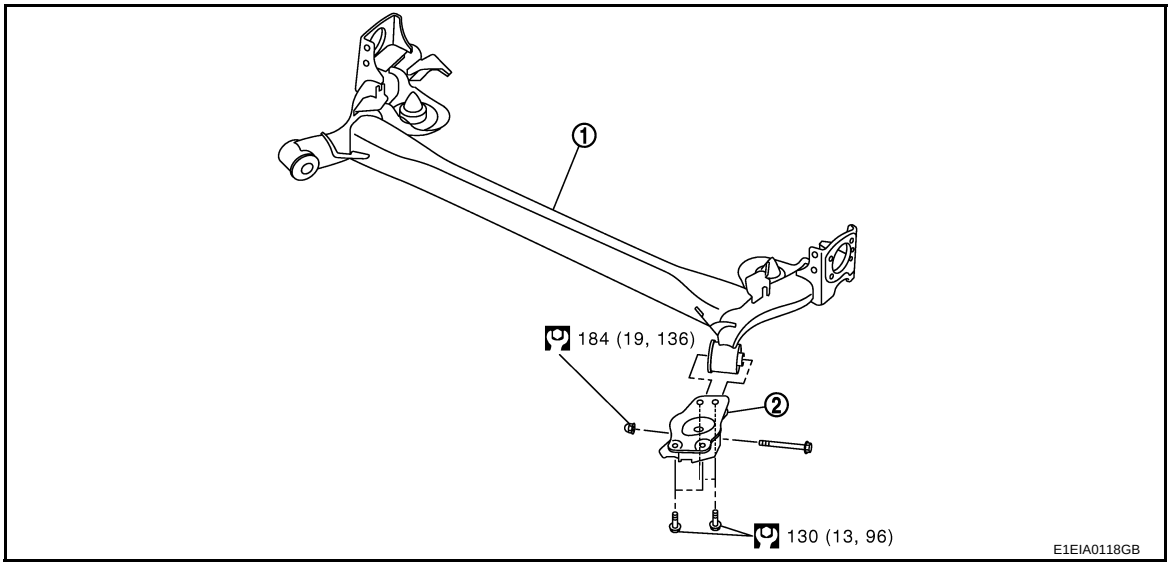
3. Position the drilled hole downward and drain oil by moving the piston rod several times.
   CAUTION:
   Dispose of drained oil according to the law and local regulations.

SUSPENSION ARM

Exploded View

INFOID:0000000010297263

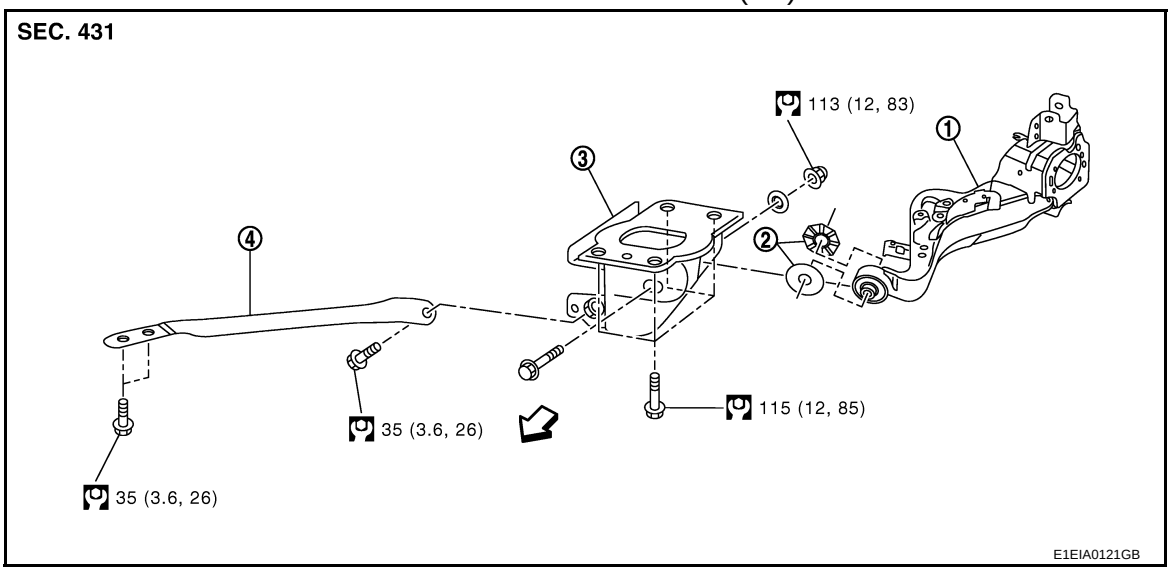
FOR 2WD EUROPE (HT)



1. Rear suspension beam
2. Rear suspension arm bracket

Refer to GI-4, "Components" for symbols in the figure.

FOR 2WD GOM AND 4WD (TC)



1. Rear suspension arm
2. Rubber washer (LH/RH)
3. Rear suspension arm bracket
4. Rear suspension arm stay

⇦ : Front

Refer to GI-4, "Components" for symbols in the figure.

Removal and Installation

INFOID:0000000010480373

REMOVAL

1. Remove the wheel hub and bearing. Refer to RAX-12, "Removal and Installation".
2. Remove the coil spring. RSU-7, "Removal and Installation".

3. Separate the brake tube and hose from the rear suspension arm. BR-22, "REAR : Exploded View" (LHD), BR-65, "REAR : Exploded View" (RHD).
4. Remove the nut, bolt, rubber washer (LH/RH).
5. Remove rear suspension arm from vehicle.

INSTALLATION

Installation is in the reverse order of removal.
- Align the matching marks made during removal when reusing the disc brake rotor.
- After installation, perform the air bleeding. Refer to BR-12, "Bleeding Brake System".
- Perform final tightening of rear suspension member at its installation position under unladen conditions with tires on level ground.
- Perform the inspection after installation. Refer to RSU-12, "Inspection".

Inspection

INFOID:0000000010297265

INSPECTION AFTER REMOVAL

Visual Inspection

Check suspension arm and bushing for deformation, cracks or damage. Replace it if necessary.

INSPECTION AFTRE INSTALLATION

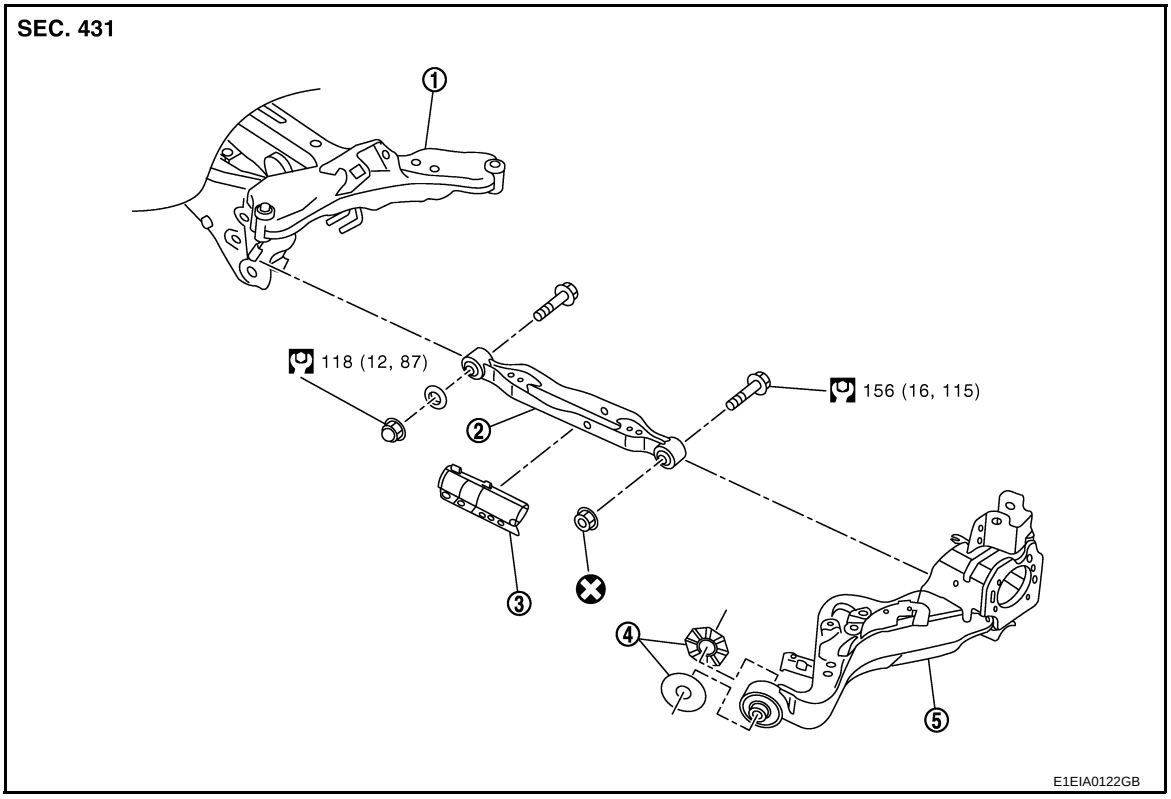
1. Adjust parking brake operation (stroke). Refer to PB-49, "Work Procedure".
2. Check wheel alignment. Refer to RSU-5, "Wheel Alignment Inspection".

LOWER LINK

Exploded View

INFOID:0000000010297266

FOR 2WD GOM AND 4WD



1. Rear suspension member
2. Lower link
3. Lower link deflector
4. Rubber washer (RLH/RH)
5. Rear suspension arm

⇦ : Front

Refer to GI-4, "Components" for symbols in the figure.

Removal and Installation

INFOID:0000000010480374

REMOVAL

1. Remove wheel and tire using power tool. Refer to WT-63, "Exploded View".
2. Remove connecting rod. Refer to RSU-16, "Exploded View".
3. Remove rear height sensor (if equipped). Refer to EXL-171, "Removal and Installation".
4. Set suitable jack under rear suspension arm to relieve the coil spring tension.
5. Remove lower link, nut, and bolt from rear suspension arm with power tool.
6. Remove lower link, nut, washer, and bolt from rear suspension member with power tool.
7. Remove lower link protector (if necessary).
8. Perform the inspection after removal. Refer to RSU-14, "Inspection".

INSTALLATION

Installation is in the reverse order of removal.

- Perform final tightening of rear suspension member and axle installation position under unladen conditions with tires on level ground.
- After installation, perform headlamp initialization. Refer to EXL-76, "Work Procedure".
- Adjust the neutral position of the steering angle sensor. Refer to BRC-66, "Work Procedure".
- Perform the inspection after installation. Refer to RSU-14, "Inspection".

Inspection

INFOID:0000000010297268

INSPECTION AFTER REMOVAL

Check lower link and bushing for any deformation, cracks, or damage. Replace it if necessary.

INSPECTION AFTER INSTALLATION

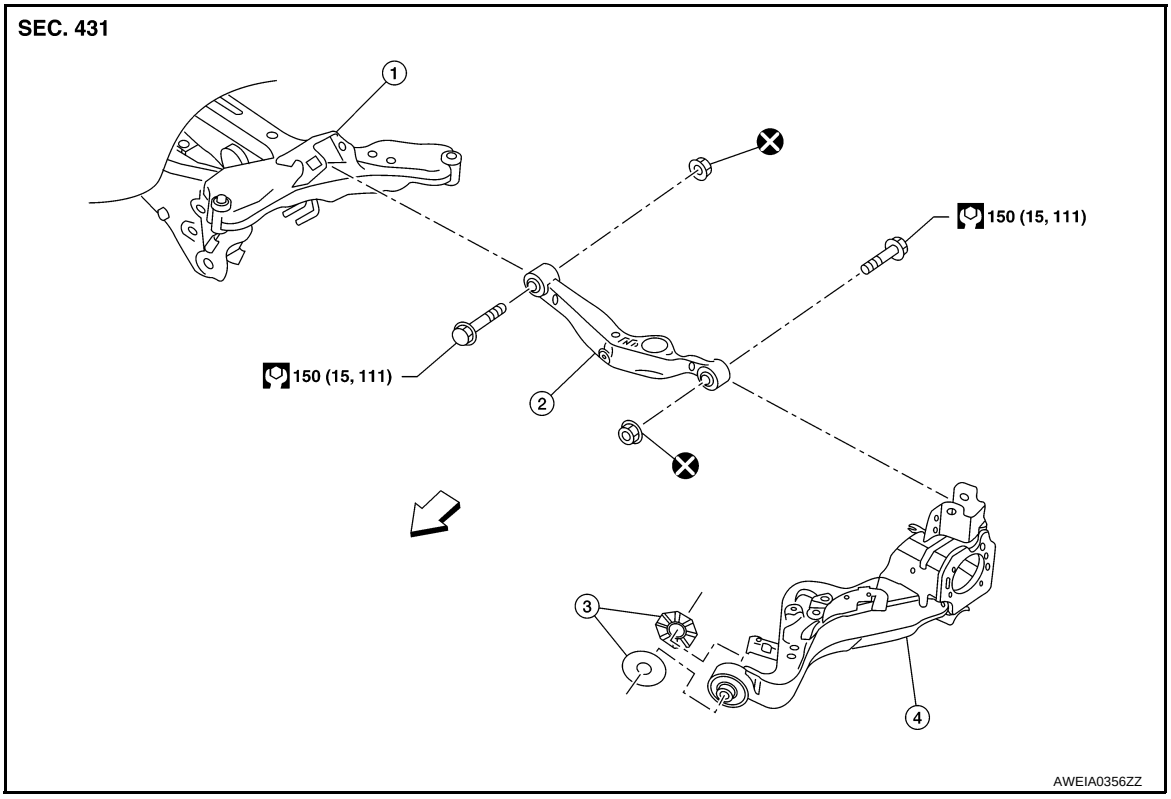
1. Check wheel alignment. Refer to RSU-5, "Wheel Alignment Inspection".
2. Adjust neutral position of steering angle sensor. Refer to BRC-66, "Work Procedure".

UPPER LINK

Exploded View

INFOID:0000000010297269

FOR 2WD GOM AND 4WD



1. Rear suspension member
2. Upper link
3. Rubber washer (LH/RH)
4. Rear suspension arm

⇦ : Front

Refer to GI-4, "Components" for symbols in the figure.

Removal and Installation

INFOID:0000000010297270

REMOVAL

1. Remove tires from vehicle.
2. Set suitable jack under suspension arm to relieve the coil spring tension.
3. Remove wheel sensor harness from suspension arm.
4. Remove upper link from suspension arm.
5. Remove upper link from suspension member.

INSTALLATION

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

- Perform final tightening of rear suspension member and axle installation position (rubber bushing), under unladen conditions with tires on level ground.

Inspection

INFOID:0000000010297271

INSPECTION AFTER REMOVAL

Check upper link and bushing for any deformation, cracks, or damage. Replace it if necessary.

INSPECTION AFTER INSTALLATION

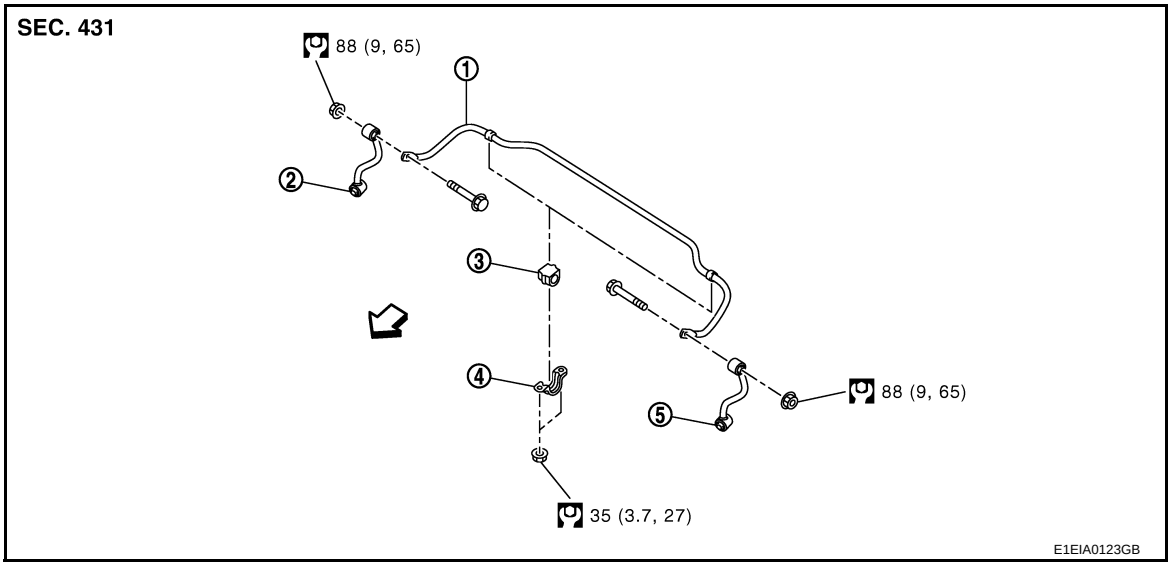
1. Check wheel alignment. Refer to RSU-5, "Wheel Alignment Inspection".
2. Adjust neutral position of steering angle sensor. Refer to BRC-66, "Work Procedure".

REAR STABILIZER

Exploded View

INFOID:0000000010297272

FOR 2WD GOM AND 4WD



1. Rear stabilizer bar
2. Connecting rod (RH)
3. Rear stabilizer bar bushing
4. Rear stabilizer bar clamp
5. Connecting rod (LH)

⇦ : Front

Refer to GI-4, "Components" for symbols in the figure.

Removal and Installation

INFOID:0000000010297273

REMOVAL

1. Disconnect rear stabilizer links from rear stabilizer bar.
2. Remove nuts on rear stabilizer clamp.
3. Remove rear stabilizer bar from rear suspension member.
4. Remove rear stabilizer bushings from rear stabilizer bar.

INSTALLATION

Install in the reverse order of removal.

Inspection

INFOID:0000000010297274

INSPECTION AFTER REMOVAL

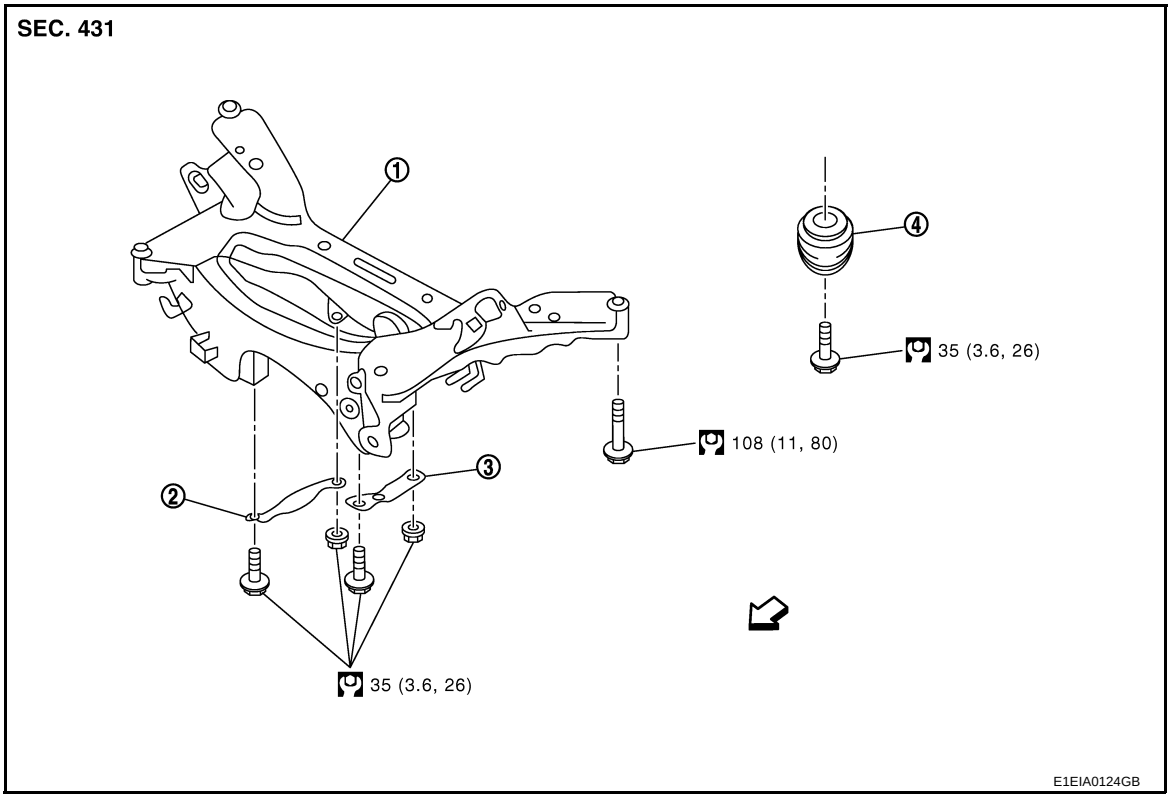
Check stabilizer bar, stabilizer link, stabilizer bushing and stabilizer clamp for deformation, cracks or damage. Replace it if necessary.

REAR SUSPENSION MEMBER

Exploded View

INFOID:0000000010297275

FOR 2WD GOM AND 4WD



1. Rear suspension member
2. Suspension member stay (RH)
3. Suspension member stay (LH)
4. Bound bumper

⇦ : Front

Refer to GI-4, "Components" for symbols in the figure.

Removal and Installation

INFOID:0000000010297276

REMOVAL

1. Remove tires from vehicle.
2. Remove main muffler. Refer to EX-21, "Exploded View" (K9K), EX-28, "Exploded View" (R9M), EX-17, "Exploded View" (MR20DD) and EX-6, "Exploded View" (HRA2DDT) and EX-17, "Exploded View" (MR16DDT).
3. Remove coil spring. Refer to RSU-7, "Exploded View".
4. Remove lower link. Refer to RSU-13, "Exploded View".
5. Remove upper link. Refer to RSU-15, "Exploded View".
6. Remove rear stabilizer bar. Refer to RSU-16, "Exploded View".
7. Remove rear drive shaft. Refer to RAX-14, "Exploded View".
8. Remove rear propeller shaft (4WD). Refer to DLN-175, "Exploded View".
9. Remove rear final drive (4WD). Refer to DLN-196, "Exploded View".
10. Remove shock absorber. Refer to RSU-9, "Exploded View".
11. Set suitable jack under rear suspension member.
12. Remove mounting nuts and bolts from rear suspension member.
13. Slowly lower jack, then remove rear suspension member, lower link and upper link from vehicle as a unit.
    CAUTION:
    Secure suspension assembly to a suitable jack while removing it.

14. Perform the inspection after removal. Refer to RSU-18, "Inspection".

INSTALLATION

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

- When installing suspension member stay, face each arrow on the part toward the inside of the vehicle.
- Align the matching marks made during removal when reusing the disc brake rotor.
- Perform the final tightening of each parts removed when removing rear suspension assembly under unladen conditions.
- Check wheel sensor harness for proper connection.
- Perform the inspection after installation. Refer to RSU-15, "Inspection"

Inspection

INFOID:0000000010297277

INSPECTION AFTER REMOVAL

Check rear suspension member for deformation, cracks, or any other damage. Replace it if necessary.

INSPECTION AFTER INSTALLATION

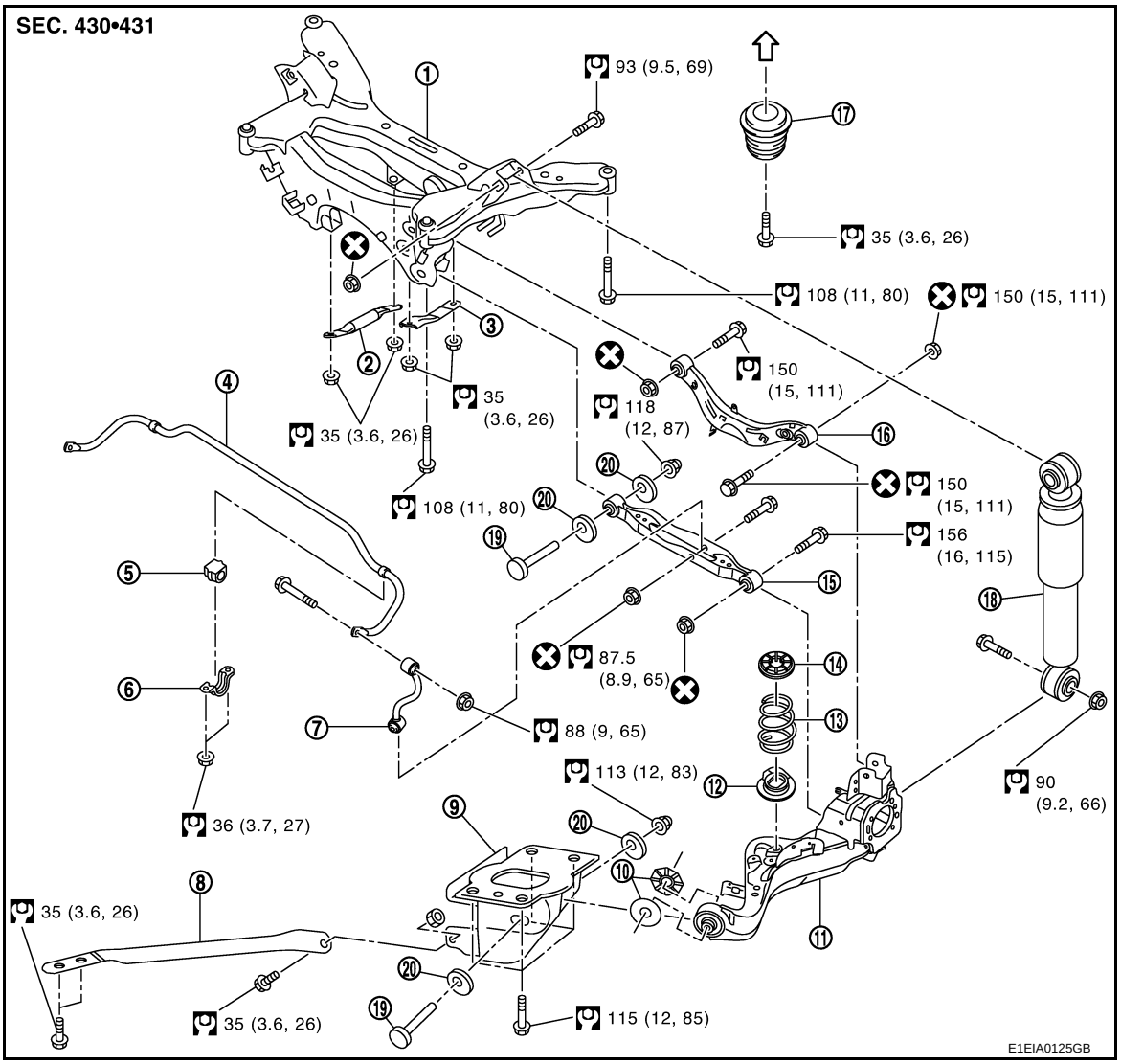
1. Adjust parking brake operation. Refer to PB-49, "Work Procedure".
2. Check wheel alignment. Refer to RSU-5, "Wheel Alignment Inspection".
3. Adjust neutral position of steering angle sensor. Refer to BRC-66, "Work Procedure".

UNIT REMOVAL AND INSTALLATION

REAR SUSPENSION ASSEMBLY

Exploded View

INFOID:0000000010297278



1. Rear suspension member
2. Suspension member stay (right side)
3. Suspension member stay (left side)
4. Stabilizer bar
5. Stabilizer bushing
6. Stabilizer clamp
7. Stabilizer link
8. Suspension bar
9. Suspension arm bracket
10. Arm stopper
11. Suspension arm
12. Low rubber seat
13. Coil spring
14. Upper rubber seat
15. lower link
16. Upper link
17. Bound bumper
18. Shock absorber
19. Cam bolt
20. Cam washer

⇦ : Front

Refer to GI-4, "Components" for symbols in the figure.

Removal and Installation

INFOID:0000000010297279

REMOVAL

Refer to procedure from 1 to 14 in RSU-17, "Removal and Installation".

INSTALLATION

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

- Perform the final tightening of each parts removed when removing rear suspension assembly under unladen conditions.
- Check wheel sensor harness for proper connection. Refer to BRC-139, "REAR WHEEL SENSOR : Exploded View".

Inspection

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INSPECTION AFTER REMOVAL

Check rear suspension member for deformation, cracks, or any other damage. Replace it if necessary.

INSPECTION AFTER INSTALLATION

1. Adjust parking brake operation. Refer to PB-49, "Work Procedure".
2. Check wheel alignment. Refer to RSU-5, "Wheel Alignment Inspection".
3. Adjust neutral position of steering angle sensor. Refer to BRC-66, "Work Procedure".

SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

Wheel Alignment

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TC models
For Europe / SAF / GOM

Tire size			215/65R16	215/60R17	225/45R19
Camber Degree minute (Decimal degree)		Minimum	–0° 25′ (–0.42°)		
		Nominal	–0° 55′ (–0.92°)		
		Maximum	–1° 25′ (–1.42°)		
Total toe-in	Distance	Nominal	In 1.8 mm (0.07 in)		
	Angle Degree minute (Decimal degree)	Minimum	In 0° 05′ (0.08°)		
		Nominal	In 0° 10′ (0.17°)		
		Maximum	In 0° 15′ (0.25°)		

Measure value under unladen* conditions.

*: 90% fuel. Engine coolant and lubricant are full. Spare tire, jack, hand tools and mats are in designated positions.

Russie

Tire size			215/65R16	215/60R17	225/45R19
Camber Degree minute (Decimal degree)		Minimum	–0° 25′ (–0.42°)		
		Nominal	–0° 55′ (–0.92°)		
		Maximum	–1° 25′ (–1.42°)		
Total toe-in	Distance	Nominal	In 1.7 mm (0.07 in)		
	Angle Degree minute (Decimal degree)	Minimum	In 0° 05′ (0.08°)		
		Nominal	In 0° 10′ (0.17°)		
		Maximum	In 0° 15′ (0.25°)		

Measure value under unladen* conditions.

*: 90% fuel. Engine coolant and lubricant are full. Spare tire, jack, hand tools and mats are in designated positions.

Australia

Tire size			215/65R16	215/60R17	225/45R19
Camber Degree minute (Decimal degree)		Minimum	–0° 25′ (–0.42°)		
		Nominal	–0° 55′ (–0.92°)		
		Maximum	–1° 25′ (–1.42°)		
Total toe-in	Distance	Nominal	In 1.9 mm (0.07 in)		
	Angle Degree minute (Decimal degree)	Minimum	In 0° 05′ (0.08°)		
		Nominal	In 0° 10′ (0.17°)		
		Maximum	In 0° 15′ (0.25°)		

Measure value under unladen* conditions.

*: 90% fuel. Engine coolant and lubricant are full. Spare tire, jack, hand tools and mats are in designated positions.

HT models
For Europe / SAF / GOM

Tire size		215/65R16	215/60R17	225/45R19
Camber Degree minute (Decimal degree)	Minimum	–1° 00′ (–1.00°)		
	Nominal	–1° 30′ (–150°)		
	Maximum	–2° 00′ (–2.00°)		

Total toe-in	Distance	Nominal	In 5.5 mm (0.22 in)
	Angle Degree minute (Decimal degree)	Minimum	In 0° 02′ (0.03°)
		Nominal	In 0° 25′ (0.42°)
		Maximum	In 0° 48′ (0.80°)

Measure value under unladen* conditions.

*: 90% fuel. Engine coolant and lubricant are full. Spare tire, jack, hand tools and mats are in designated positions.

Wheelarch Height

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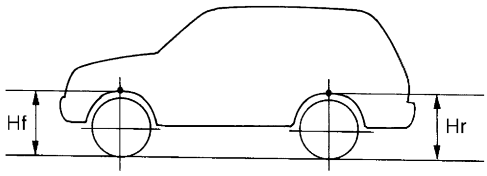

SFA746B

Applied model	HRA2DDT					
Destination	Europe			Russie / SAF / GOM		
Tire size	215/65R16	215/60R17	225/45R19	215/65R16	215/60R17	225/45R19
Rear (Hr)	775 mm (30.51 in)		774 mm (30.47 in)	784 mm (30.87 in)		783 mm (30.83 in)

Measure value under unladen* conditions.

*: 90% Fuel. Engine coolant and lubricant are full. Spare tire, jack, hand tools and mats are in designated positions.

Maximum difference in deviation from nominal between all wheelarch height is 15 mm (0.59 in).

Applied model	MR20DD					
Destination	Russie / Australia			SAF / GOM		
Tire size	215/65R16	215/60R17	225/45R19	215/65R16	215/60R17	225/45R19
Rear (Hr)	783 mm (30.83 in)	784 mm (30.87 in)	783 mm (30.83 in)	784 mm (30.87 in)	783 mm (30.83 in)	784 mm (30.87 in)

Measure value under unladen* conditions.

*: 90% Fuel. Engine coolant and lubricant are full. Spare tire, jack, hand tools and mats are in designated positions.

Maximum difference in deviation from nominal between all wheelarch height is 15 mm (0.59 in).

Applied model	K9K				
Destination	Europe			SAF / GOM	
Tire size	215/65R16	215/60R17	225/45R19	215/60R17	225/45R19
Rear (Hr)	774 mm (30.47 in)		773 mm (30.43 in)	783 mm (30.83 in)	784 mm (30.87 in)

Measure value under unladen* conditions.

*: 90% Fuel. Engine coolant and lubricant are full. Spare tire, jack, hand tools and mats are in designated positions.

Maximum difference in deviation from nominal between all wheelarch height is 15 mm (0.59 in).

Applied model	R9M								
Destination	Europe 2WD			Europe 4WD			Russie / SAF / GOM / Australia		
Tire size	215/65R16	215/60R17	225/45R19	215/65R16	215/60R17	225/45R19	215/65R16	215/60R17	225/45R19
Rear (Hr)	774 mm (30.47 in)		773 mm (30.43 in)	784 mm (30.87 in)		783 mm (30.83 in)	784 mm (30.87 in)		783 mm (30.83 in)

Measure value under unladen* conditions.

*: 90% Fuel. Engine coolant and lubricant are full. Spare tire, jack, hand tools and mats are in designated positions.

Maximum difference in deviation from nominal between all wheelarch height is 15 mm (0.59 in).

Applied model	MR16DDT				
Destination	Europe				
Tire size	215/65R16	215/60R17	225/45R19	215/60R17	225/45R19
Rear (Hr)	774 mm (30.47 in)		773 mm (30.43 in)	784 mm (30.87 in)	

Measure value under unladen* conditions.

*: 90% Fuel. Engine coolant and lubricant are full. Spare tire, jack, hand tools and mats are in designated positions.

Maximum difference in deviation from nominal between all wheelarch height is 15 mm (0.59 in).