

## SECTION **RSU** REAR SUSPENSION

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# PRECAUTIONS

< PRECAUTION >

## PRECAUTION

### PRECAUTIONS

#### Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"

INFOID:000000008738447

The Supplemental Restraint System such as "AIR BAG" and "SEAT BELT PRE-TENSIONER", used along with a front seat belt, helps to reduce the risk or severity of injury to the driver and front passenger for certain types of collision. Information necessary to service the system safely is included in the SR and SB section of this Service Manual.

#### **WARNING:**

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which would result in air bag inflation, all maintenance must be performed by an authorized NISSAN/INFINITI dealer.
- Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see the SR section.
- Do not use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.

#### PRECAUTIONS WHEN USING POWER TOOLS (AIR OR ELECTRIC) AND HAMMERS

#### **WARNING:**

- When working near the Airbag Diagnosis Sensor Unit or other Airbag System sensors with the Ignition ON or engine running, DO NOT use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.
- When using air or electric power tools or hammers, always switch the Ignition OFF, disconnect the battery and wait at least 3 minutes before performing any service.

#### General Precautions

INFOID:000000007989308

- 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.

# NOISE, VIBRATION AND HARSHNESS (NVH) TROUBLESHOOTING

< SYMPTOM DIAGNOSIS >

## SYMPTOM DIAGNOSIS

### NOISE, VIBRATION AND HARSHNESS (NVH) TROUBLESHOOTING

#### NVH Troubleshooting Chart

INFOID:000000007989309

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

| Reference page                     |                 |                               | RSU-8, "Exploded View"           | —                                                | —                                 | —                  | —              | RSU-8, "Exploded View" | RSU-5, "Inspection and Adjustment" | —                      | FAX-3, "NVH Troubleshooting Chart" | FSU-4, "NVH Troubleshooting Chart" | WT-49, "NVH Troubleshooting Chart" | WT-49, "NVH Troubleshooting Chart" | FAX-3, "NVH Troubleshooting Chart" | BR-6, "NVH Troubleshooting Chart" | ST-29, "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 | FRONT AXLE                         | FRONT SUSPENSION                   | TIRES                              | ROAD WHEEL                         | DRIVE SHAFT                        | BRAKES                            | STEERING                           |
| Symptom                            | REAR SUSPENSION | Noise                         | x                                | x                                                | x                                 | x                  | x              | x                      |                                    |                        | x                                  | x                                  | x                                  | x                                  | x                                  | x                                 | x                                  |
|                                    |                 | Shake                         | x                                | x                                                | x                                 | x                  |                | x                      |                                    |                        | x                                  | x                                  | x                                  | x                                  | x                                  | x                                 | x                                  |
|                                    |                 | Vibration                     | x                                | x                                                | x                                 | x                  | x              |                        |                                    |                        | x                                  | x                                  | x                                  |                                    | x                                  |                                   | x                                  |
|                                    |                 | Shimmy                        | x                                | x                                                | x                                 | x                  |                |                        | x                                  |                        | x                                  | x                                  | x                                  | x                                  |                                    | x                                 | x                                  |
|                                    |                 | Shudder                       | x                                | x                                                | x                                 |                    |                |                        |                                    |                        | x                                  | x                                  | x                                  | x                                  |                                    | x                                 | x                                  |
|                                    |                 | Poor quality ride or handling | x                                | x                                                | x                                 | x                  | x              |                        | x                                  | x                      | x                                  | x                                  | x                                  | x                                  |                                    |                                   |                                    |

x: Applicable

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RSU

# PREPARATION

< PREPARATION >

## PREPARATION

### PREPARATION

#### Commercial Service Tool

INFOID:000000007989311

| Tool name                                                                                          | Description                      |
|----------------------------------------------------------------------------------------------------|----------------------------------|
| Power tool                                                                                         | Loosening nuts, screws and bolts |
|  <p>PIIB1407E</p> |                                  |

# REAR SUSPENSION ASSEMBLY

< PERIODIC MAINTENANCE >

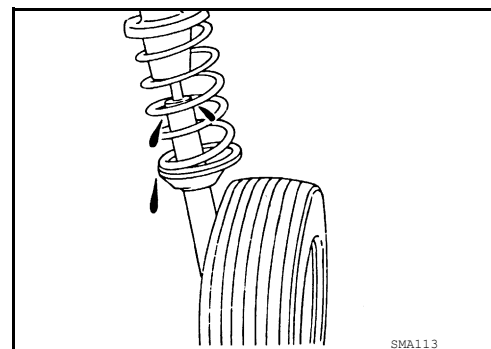
## PERIODIC MAINTENANCE

### REAR SUSPENSION ASSEMBLY

#### On-vehicle Service

INFOID:000000007989312

- Check the 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.
- Check the shock absorber for oil leakage or other damage.
- Check the wheelarch height. Refer to [RSU-17, "Wheelarch Height \(Unladen\\*1\)"](#).



#### Inspection

INFOID:000000007989313

##### SHOCK ABSORBER ASSEMBLY

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

##### SUSPENSION ARMS

- Check the suspension arm for damage, cracks, deformation and replace if necessary.
- Check the rubber bushings for damage, cracks and deformation. Replace suspension arm if necessary.
- After installing the radius rod, check the wheel alignment and adjust if necessary. Refer to [RSU-17, "Rear Wheel Alignment \(Unladen\\*\)"](#).

##### FRONT LOWER LINK

- Check the front lower link for any deformation, cracks, or damage and replace if necessary.

##### UPPER AND LOWER RUBBER SEATS

- Check the upper and lower rubber seats for deterioration, or cracks and replace if necessary.

##### REAR LOWER LINK AND COIL SPRING

- Check the rear lower link and coil spring for any deformation, cracks, or other damage and replace if necessary.

##### STABILIZER BAR

- Check the stabilizer bar and clamps for any deformation, cracks, or damage and replace if necessary.
- Check the rubber bushings for deterioration, or cracks and replace if necessary.

#### Inspection and Adjustment

INFOID:000000007989314

Before checking the rear wheel alignment, make a preliminary inspection.

- Measure the wheel alignment under unladen conditions.

##### NOTE:

Unladen conditions mean that fuel, engine coolant, and lubricants are full. That the spare tire, jack, hand tools, and mats are in their designated positions.

##### PRELIMINARY INSPECTION

- Check the tires for wear and for improper inflation.
- Check the wheels for deformation, cracks, and other damage. Remove the wheel and check the wheel runout. Refer to [WT-50, "Inspection"](#).
- Check the rear wheel bearings for looseness.
- Check the rear suspension for looseness.
- Check that the rear shock absorbers work properly.

# REAR SUSPENSION ASSEMBLY

## < PERIODIC MAINTENANCE >

- Check the wheelarch height in the unladen condition. Refer to [RSU-17. "Wheelarch Height \(Unladen\\*1\)".](#)

## 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-17. "Wheelarch Height \(Unladen\\*1\)".](#)

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.
2. Most camera-type alignment machines are equipped with both "Rolling Compensation" method and optional "Jacking Compensation" method to "compensate" the alignment targets or head units.

"Rolling Compensation" is the preferred method.

  - If using the "Rolling Compensation" method, after installing the alignment targets or head units, push or pull on the rear wheel to move the vehicle. Do not push or pull the vehicle body.
  - If using the "Jacking Compensation" method, after installing the alignment targets or head units, raise the vehicle and rotate the wheels 1/2 turn both ways.

### NOTE:

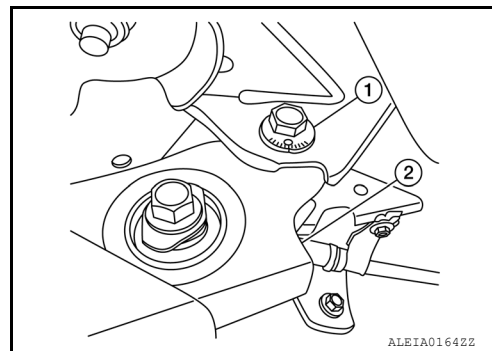
Do not use the "Rolling Compensation" method if you are using sensor-type alignment equipment.

- Follow all instructions for the alignment machine you are using for more information.

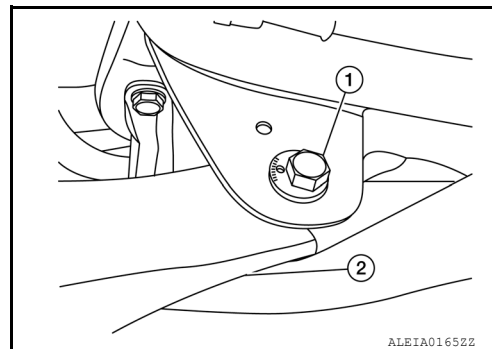
## CAMBER and TOE

- Camber and toe are both set by adjustment of the front lower link and rear lower link adjusting bolts.

1. Loosen the nuts at the adjustment points on the front lower link and rear lower link.
2. Adjust the camber and toe by turning bolt (1) on front lower link (2).



3. Adjust the camber and toe by turning bolt (1) on rear lower link (2).



## REAR SUSPENSION ASSEMBLY

### < PERIODIC MAINTENANCE >

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#### NOTE:

- Camber changes about  $0^{\circ} 5'$  ( $0.08^{\circ}$ ) with each graduation of the adjusting bolt.
- Turn the adjusting bolts in the same direction to calibrate camber.
- Toe changes about 1.5 mm (0.059 in) [one side] with each graduation of the adjusting bolt.
- Turn the adjusting bolts in the opposite direction to calibrate toe.

**Camber** : Refer to [RSU-17, "Rear Wheel Alignment \(Unladen\\*\)"](#).

**Total toe-in** : Refer to [RSU-17, "Rear Wheel Alignment \(Unladen\\*\)"](#).

4. Tighten the adjusting bolt nuts to the specified torque.

**Adjusting bolt nuts** : Refer to [RSU-8, "Exploded View"](#).

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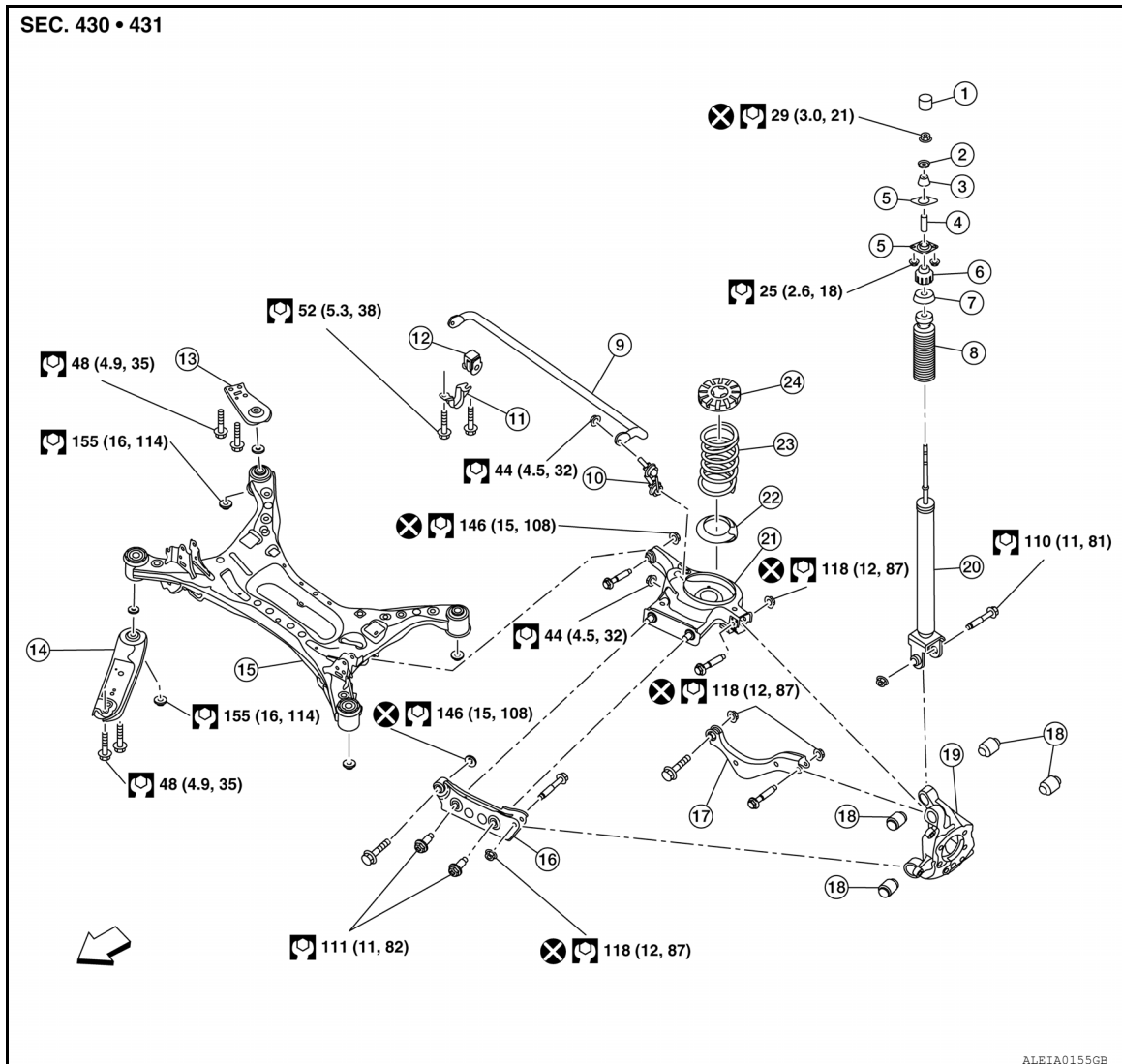
## < UNIT REMOVAL AND INSTALLATION >

## UNIT REMOVAL AND INSTALLATION

## REAR SUSPENSION ASSEMBLY

## Exploded View

INFOID:0000000007989315



- |                       |                                 |                            |
|-----------------------|---------------------------------|----------------------------|
| 1. Cap                | 2. Washer                       | 3. Upper shock bushing     |
| 4. Distance tube      | 5. Shock absorber mount bracket | 6. Lower shock bushing     |
| 7. Bound bumper cover | 8. Bound bumper                 | 9. Stabilizer bar          |
| 10. Connecting rod    | 11. Stabilizer bar clamp        | 12. Stabilizer bar bushing |
| 13. Rear member stay  | 14. Front member stay           | 15. Rear suspension member |
| 16. Front lower link  | 17. Suspension arm              | 18. Knuckle bushing        |
| 19. Knuckle           | 20. Shock absorber              | 21. Rear lower link        |
| 22. Lower rubber seat | 23. Coil spring                 | 24. Upper rubber seat      |

← Front

## Removal and Installation

INFOID:0000000007989316

## Removal

1. Remove the rear wheels and tires using power tools. Refer to [WT-52, "Adjustment"](#).
2. **CAUTION:**

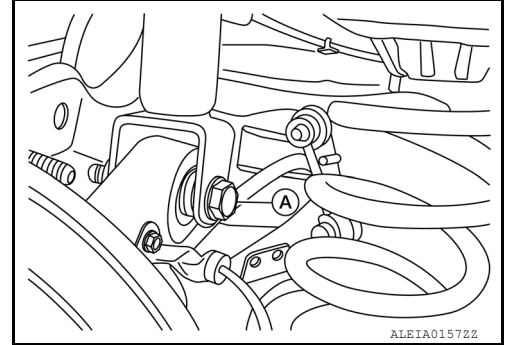
# REAR SUSPENSION ASSEMBLY

## < UNIT REMOVAL AND INSTALLATION >

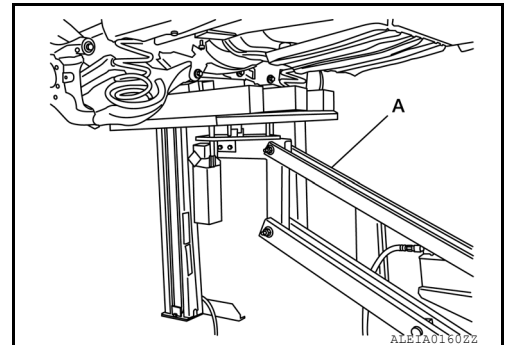
- Do not depress brake pedal while brake caliper assembly is removed.
- Do not twist or stretch the brake hose.

Remove the brake caliper torque member bolts, leaving the brake hose attached. Reposition the brake caliper aside with wire. Refer to [BR-39. "BRAKE CALIPER ASSEMBLY : Exploded View"](#).

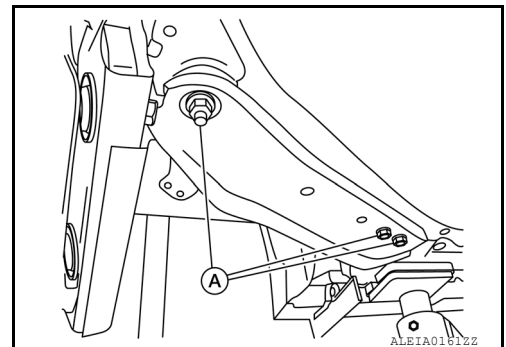
3. Put alignment marks on the disc brake rotor and rear hub and bearing assembly, then remove the disc brake rotor.
4. Disconnect parking brake cables from each knuckle. Refer to [PB-9. "Exploded View"](#).
5. Remove lower shock (A) absorber bolt.



6. Remove the connecting rods from each rear lower link and the stabilizer bar. Refer to [RSU-15. "Exploded View"](#).
7. Remove the center exhaust tube with muffler(s). Refer to [EX-5. "Exploded View"](#) (QR25DE), [EX-10. "Exploded View"](#) (VQ35DE).
8. Disconnect the parking brake cables from the rear suspension member.
9. Remove stabilizer bar. Refer to [RSU-15. "Exploded View"](#).
10. Disconnect ABS harness from rear suspension member.
11. Position a suitable lift table (A) to the rear suspension member and securely strap rear suspension member to lift table.



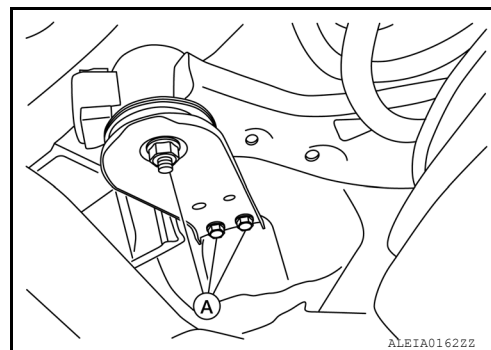
12. Remove each front member stay cover, the front member stay bolts (A) and each front member stay.



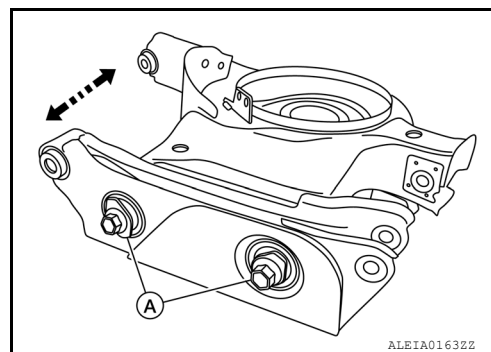
## REAR SUSPENSION ASSEMBLY

### < UNIT REMOVAL AND INSTALLATION >

13. Remove the rear member stay bolts (A) and each rear member stay.



14. Remove the suspension member nuts using power tools.
15. Lower the rear suspension member, then remove the upper coil spring seats and the coil springs.
16. Remove the suspension arm bolts from the knuckles.
17. Remove the front and rear lower link bolts from the knuckles.
18. Remove each knuckle with the rear wheel hub and bearing and park brake components as an assembly.
19. Remove the coil spring lower rubber seat.
20. Remove the front and rear lower link bolts from the rear suspension member.
21. Remove the front lower link to rear lower link bolts (A) and separate.



### Installation

Installation is in the reverse order of removal.

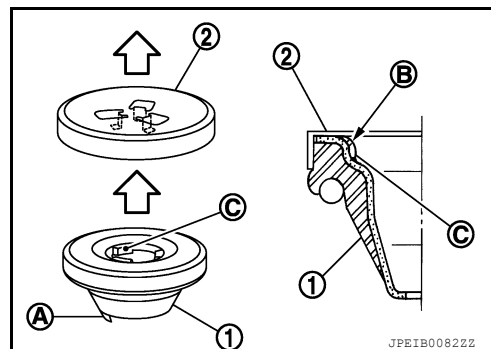
- **WARNING:**  
**Jack stands must be placed under the front suspension member during installation.**  
 Remove the engine under cover and place 2 jack stands under the front of the vehicle.
- Make sure that upper seat is attached as shown.

### CAUTION:

- **Keep upper seat (1) in place during coil spring installation.**  
**Protrusion (A) on upper seat faces outside of vehicle.**
- **Align tabs (C) to upper seat openings and securely fit on the bracket (2) to tabs (B).**

⇐ : Body

- Match up rubber seat indentions and rear lower link grooves and attach.



## REAR SUSPENSION ASSEMBLY

### < UNIT REMOVAL AND INSTALLATION >

- When installing the coil spring (1), check coil spring is attached as shown.

A: Vehicle upper side

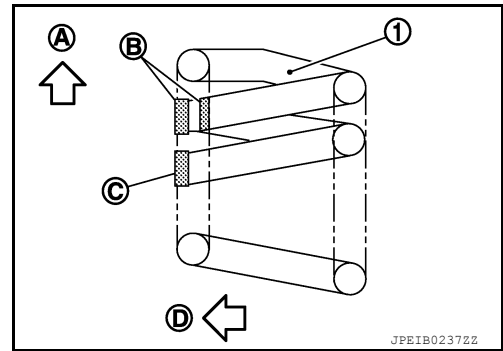
B: 2 paint marks

C: 1 paint mark

D: Vehicle inside

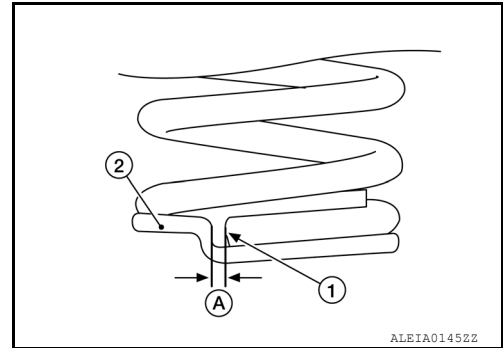
#### **CAUTION:**

**Position the coil spring with paint marks aligned, spring should be 1 place from the bottom.**



- Install coil spring by aligning lower end of the coil spring (1) to bump of lower spring seat (2).

A : Maximum gap 5 mm (0.20 in)



- Perform the final tightening of rear suspension member and axle installation position (rubber bushing) under unladen condition with tires on level ground.
- Check wheel alignment. Refer to [RSU-5, "Inspection and Adjustment"](#).
- Adjust neutral position of steering angle sensor. Refer to [BRC-57, "Work Procedure"](#).

## REAR LOWER LINK & COIL SPRING

< REMOVAL AND INSTALLATION >

---

### REMOVAL AND INSTALLATION

#### REAR LOWER LINK & COIL SPRING

##### Removal and Installation

INFOID:000000007989317

##### Removal

The front and rear lower link with coil spring must be removed with the Rear Suspension Assembly. Refer to [RSU-8, "Removal and Installation"](#).

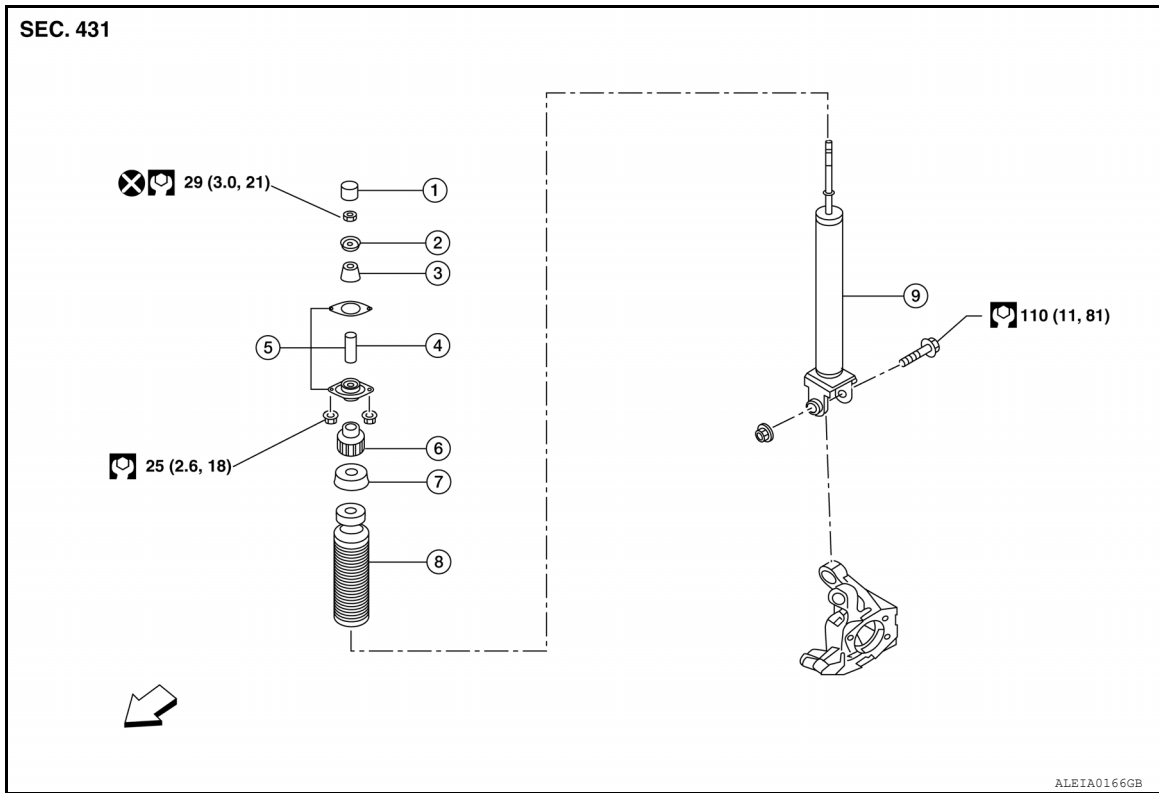
# SHOCK ABSORBER

< REMOVAL AND INSTALLATION >

## SHOCK ABSORBER

Exploded View

INFOID:000000008656039



- |                       |                                 |                               |
|-----------------------|---------------------------------|-------------------------------|
| 1. Cap                | 2. Upper shock bushing          | 3. Shock absorber mount plate |
| 4. Distance tube      | 5. Shock absorber mount bracket | 6. Lower shock bushing        |
| 7. Bound bumper cover | 8. Bound bumper                 | 9. Shock absorber             |

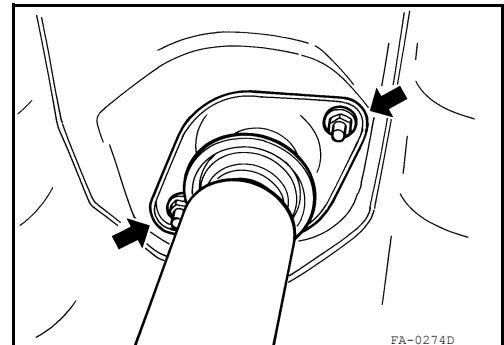
Front

## Removal and Installation

INFOID:000000007989318

### REMOVAL

1. Remove rear wheel and tire using power tool. Refer to [WT-57. "Road Wheel"](#).
2. Set a jack under rear lower link to relieve the coil spring tension.
3. Remove lower shock absorber bolt with a power tool.
4. Gradually lower the jack to separate the shock absorber from rear lower link.
5. Remove shock absorber assembly upper end nuts (←) with power tool.



6. Remove shock absorber assembly from vehicle.

### INSTALLATION

# SHOCK ABSORBER

## < REMOVAL AND INSTALLATION >

- Installation is the reverse order of removal.

### **CAUTION:**

**Do not reuse non-reusable parts.**

- Perform final tightening of shock absorber assembly lower side (rubber bushing) under unladen condition with tires on level ground.

## Disassembly and Assembly

INFOID:000000007989319

### DISASSEMBLY

#### **CAUTION:**

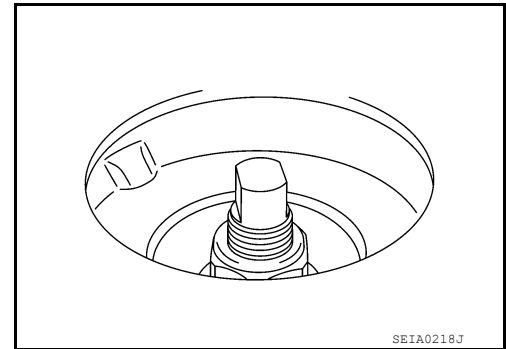
**Do not damage piston rod when removing components from shock absorber.**

1. Remove mounting seal from mounting bracket.
2. Wrap a shop cloth around lower side of shock absorber and secure it in a vise.

#### **CAUTION:**

**Do not set the cylindrical part of shock absorber in a vise.**

3. Secure the piston rod tip so that piston rod does not turn, and remove piston rod lock nut.
4. Remove washer, distance tube, bushing, bound bumper cover and bound bumper from shock absorber.



### ASSEMBLY

- Installation is the reverse order of removal. For tightening torque, refer to [RSU-8, "Exploded View"](#).

#### **CAUTION:**

**Do not reuse non-reusable parts.**

- Make sure piston rod on shock absorber is not damaged when attaching components to shock absorber.

## Disposal

INFOID:000000007989320

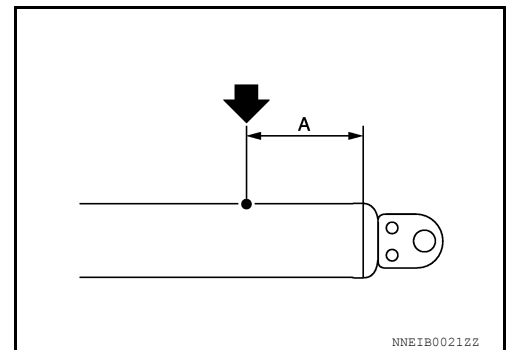
1. Set shock absorber horizontally with the piston rod fully extended.
2. Drill 2 – 3 mm (0.08 – 0.12 in) hole at the position (●) from top as shown in the figure to release gas gradually.

#### **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 this direction (↕).
- Directly to the outer tube avoiding brackets.
- The gas is clear, colorless, odorless, and harmless.



(A) : 20 – 30 mm (0.79 – 1.18 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.**

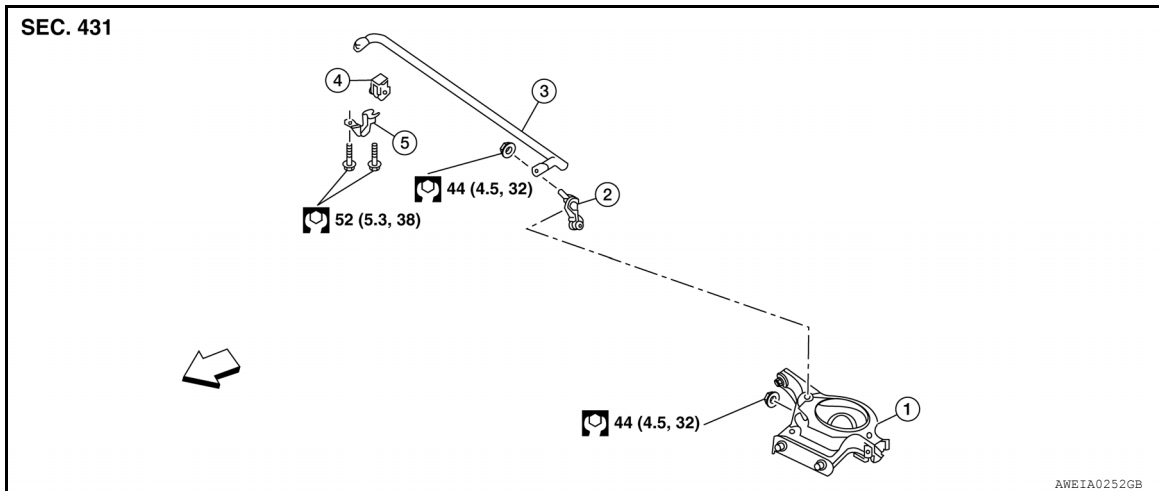
# REAR STABILIZER

< REMOVAL AND INSTALLATION >

## REAR STABILIZER

### Exploded View

INFOID:000000008656045



- |                           |                         |                   |
|---------------------------|-------------------------|-------------------|
| 1. Rear lower link        | 2. Connecting rod       | 3. Stabilizer bar |
| 4. Stabilizer bar bushing | 5. Stabilizer bar clamp | ⇐ Front           |

### Removal and Installation

INFOID:000000007989323

#### Removal

1. Disconnect and remove each connecting rod from rear lower link and the stabilizer bar.
2. Remove the 4 stabilizer bar mount bracket bolts and the stabilizer bar clamps.
3. Remove the stabilizer bar bushings.
4. Remove the stabilizer bar.

#### Installation

Installation is in the reverse order of removal.

- Position the stabilizer bar bushings with the slit facing the front of the vehicle.
- While holding the stabilizer connecting rod, install the stabilizer connecting rod nut and tighten to specification.

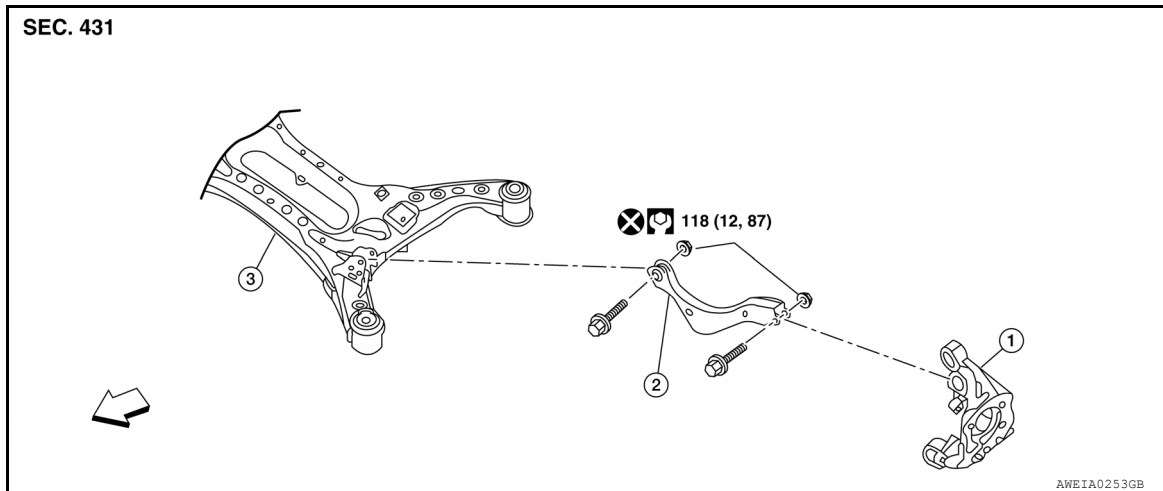
# SUSPENSION ARM

< REMOVAL AND INSTALLATION >

## SUSPENSION ARM

### Exploded View

INFOID:000000008659092



1. Knuckle

2. Suspension arm

3. Rear suspension member

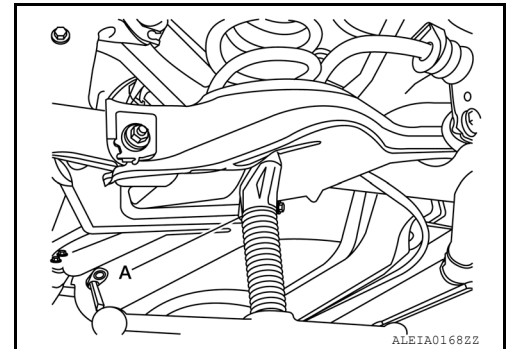
⇐ Front

### Removal and Installation

INFOID:000000007989324

#### Removal

1. Remove the rear wheel and tire using power tool. Refer to [WT-52, "Adjustment"](#).
2. Place a suitable jack (A) under the rear lower link to relieve the coil spring tension.



3. Remove the suspension arm from the knuckle using power tools.
4. Remove the suspension arm from rear suspension member using power tools.

#### Installation

Installation is in the reverse order of removal.

- Perform the final tightening of the suspension arm bolts and nuts at the knuckle, under unladen conditions with tires on level ground.
- Check rear wheel alignment. Refer to [RSU-5, "Inspection and Adjustment"](#).
- Adjust the neutral position on steering angle sensor. Refer to [BRC-57, "Work Procedure"](#).

## SERVICE DATA AND SPECIFICATIONS (SDS)

< SERVICE DATA AND SPECIFICATIONS (SDS)

## SERVICE DATA AND SPECIFICATIONS (SDS)

### SERVICE DATA AND SPECIFICATIONS (SDS)

#### General Specification (Rear)

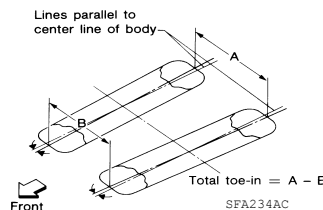
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|                     |                                   |
|---------------------|-----------------------------------|
| Suspension type     | Multi-link independent suspension |
| Shock absorber type | Double-acting hydraulic           |

#### Wheel Alignment (Unladen\*)

INFOID:000000007989326

| Market                                      |         | United States    | Canada           | Mexico           |
|---------------------------------------------|---------|------------------|------------------|------------------|
| Camber<br>Degree minute<br>(Decimal degree) | Minimum | -1° 10' (-1.17°) | -1° 05' (-1.08°) | -0° 10' (-0.17°) |
|                                             | Nominal | -0° 40' (-0.67°) | -0° 35' (-0.58°) | 0° 20' (0.33°)   |
|                                             | Maximum | -0° 10' (-0.17°) | -0° 05' (-0.08°) | 0° 50' (0.83°)   |



|              |                                                        |         |                             |                            |
|--------------|--------------------------------------------------------|---------|-----------------------------|----------------------------|
| Total toe-in | Distance (A - B)                                       | Minimum | Out 2.2 mm (Out 0.087 in)   | Out 4.2 mm (Out 0.165 in)  |
|              |                                                        | Nominal | In 0.8 mm (In 0.031 in)     | Out 1.2 mm (Out 0.047 in)  |
|              |                                                        | Maximum | In 3.8 mm (In 0.150 in)     | In 1.8 mm (In 0.071 in)    |
|              | Angle (LH and RH)<br>Degree minute<br>(Decimal degree) | Minimum | Out 0° 08' 02" (Out 0.134°) | Out 0° 18' 00" (Out 0.30°) |
|              |                                                        | Nominal | In 0° 03' 58" (In 0.066°)   | Out 0° 06' 00" (Out 0.10°) |
|              |                                                        | Maximum | In 0° 15' 58" (In 0.266°)   | In 0° 06' 00" (In 0.10°)   |

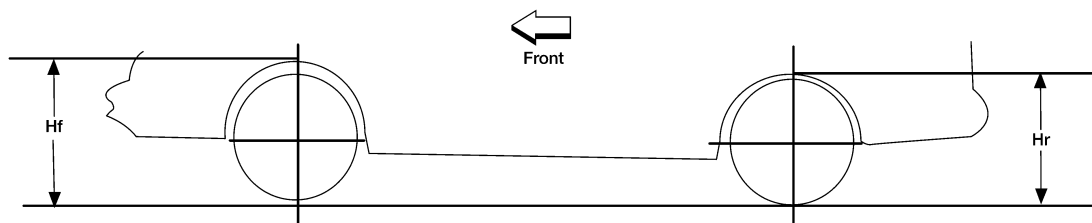
\*: Fuel, engine coolant, and lubricants are full. Spare tire, jack, hand tools, and mats are in designated positions.

#### Wheelarch Height (Unladen\*<sup>1</sup>)

INFOID:000000007989328

#### UNITED STATES

Unit: mm (in)



LE1A0085E

| Engine     | QR25DE      |             | VQ35DE      |
|------------|-------------|-------------|-------------|
| Tire size  | 215/60R16   | 215/55R17   | 235/45R18   |
| Front (Hf) | 708 (27.87) | 711 (27.99) | 714 (28.11) |
| Rear (Hr)  | 706 (27.80) | 709 (27.91) | 711 (27.99) |

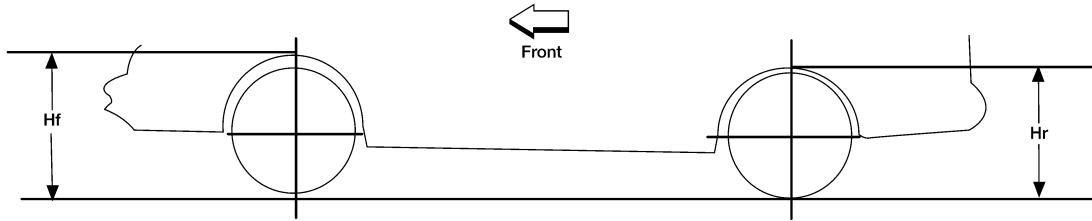
# SERVICE DATA AND SPECIFICATIONS (SDS)

## < SERVICE DATA AND SPECIFICATIONS (SDS)

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

### CANADA

Unit: mm (in)



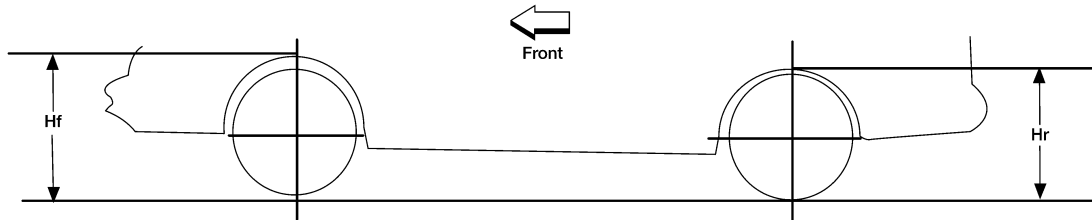
LE1A0085E

| Engine     | QR25DE      |             | VQ35DE      |
|------------|-------------|-------------|-------------|
| Tire size  | 215/60R16   | 215/55R17   | 235/45R18   |
| Front (Hf) | 707 (27.83) | 710 (27.95) | 715 (28.15) |
| Rear (Hr)  | 706 (27.80) | 710 (27.95) | 712 (28.03) |

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

### MEXICO

Unit: mm (in)



LE1A0085E

| Engine     | QR25DE      |                |             | VQ35DE      |
|------------|-------------|----------------|-------------|-------------|
| Tire size  | 215/60R16   | 215/55R17 (OP) | 215/55R17   | 235/45R18   |
| Front (Hf) | 717 (28.23) | 721 (28.39)    | 719 (28.31) | 724 (28.50) |
| Rear (Hr)  | 726 (28.58) | 729 (28.70)    | 729 (28.70) | 730 (28.74) |

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