

SECTION **EX**  
EXHAUST SYSTEM

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# PRECAUTIONS

< PRECAUTION >

## PRECAUTION

### PRECAUTIONS

#### Precaution for Working Range at a Regular Dealership

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#### **CAUTION:**

The service items unmentioned on this manual are recommended to be performed by a GT-R certified NISSAN dealer. Because those service items require special equipment and a GT-R certified technical staff who completed special training.

#### Aluminum Die-Casting Parts Handling

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#### PROHIBITION OF WELDING OR BEATING REPAIR

- Material made of aluminum die-casting parts is heat-treated and loses strength when being exposed to welding heat. Do not perform welding repair for cracks, damage or others.
- For aluminum die-casting parts deformation, do not perform repair by beating. Always repair by replacement as an assembly.

#### CRACK CHECK

When the vehicle is damaged, always perform a visual deformation check and a crack check.

#### Crack Check Procedures

For a crack check, use dye penetrant inspection fluid (pre-cleaning fluid, penetrant fluid and developer fluid).

#### **CAUTION:**

**Always perform a crack check in accordance with the procedures specified by the manufacturer of the dye penetrant inspection fluid.**

1. Spray pre-cleaning fluid on the checking surface for cleaning.
2. Spray penetrant fluid on the checking surface and wait until the penetrant fluid soaks into any cracks.
3. Wipe off excessive penetrant fluid, and then also lightly wipe off penetrant fluid using a wet cloth.
4. Spray developer fluid on the checking surface.
5. Cracks, if any, are dyed red in color.

#### STRAY CURRENT CORROSION

- Corrosion occurs to aluminum die-casting parts by the stray current corrosion phenomenon, when directly contacting other parts made of steel. Always apply anti-stray current corrosion paint (primer) on the mounting surface.
- Clean mounting surface to prevent any foreign matter, steel powder or others from being mixed in. Always apply the specified adhesive when installing.
- Corrosion by stray current corrosion may occur when installing with any other bolts than the specified bolt. Always use the specified bolt that is surface treated.
- When loosening the specified bolt that is tightened, the treated surface may peel. Never reuse the specified bolt that is tightened once.

#### TIGHTENING TORQUE CONTROL

Material made of aluminum die-casting parts is soft in term of hardness. Tightening torque must be controlled exactly as specified. Always use a torque wrench to install any part to the specified tightening torque.

#### **WARNING:**

**Never use a power tool to remove or tighten bolts for aluminum die-casting part to prevent damage to aluminum die-casting parts.**

# EXHAUST SYSTEM

< REMOVAL AND INSTALLATION >

## REMOVAL AND INSTALLATION

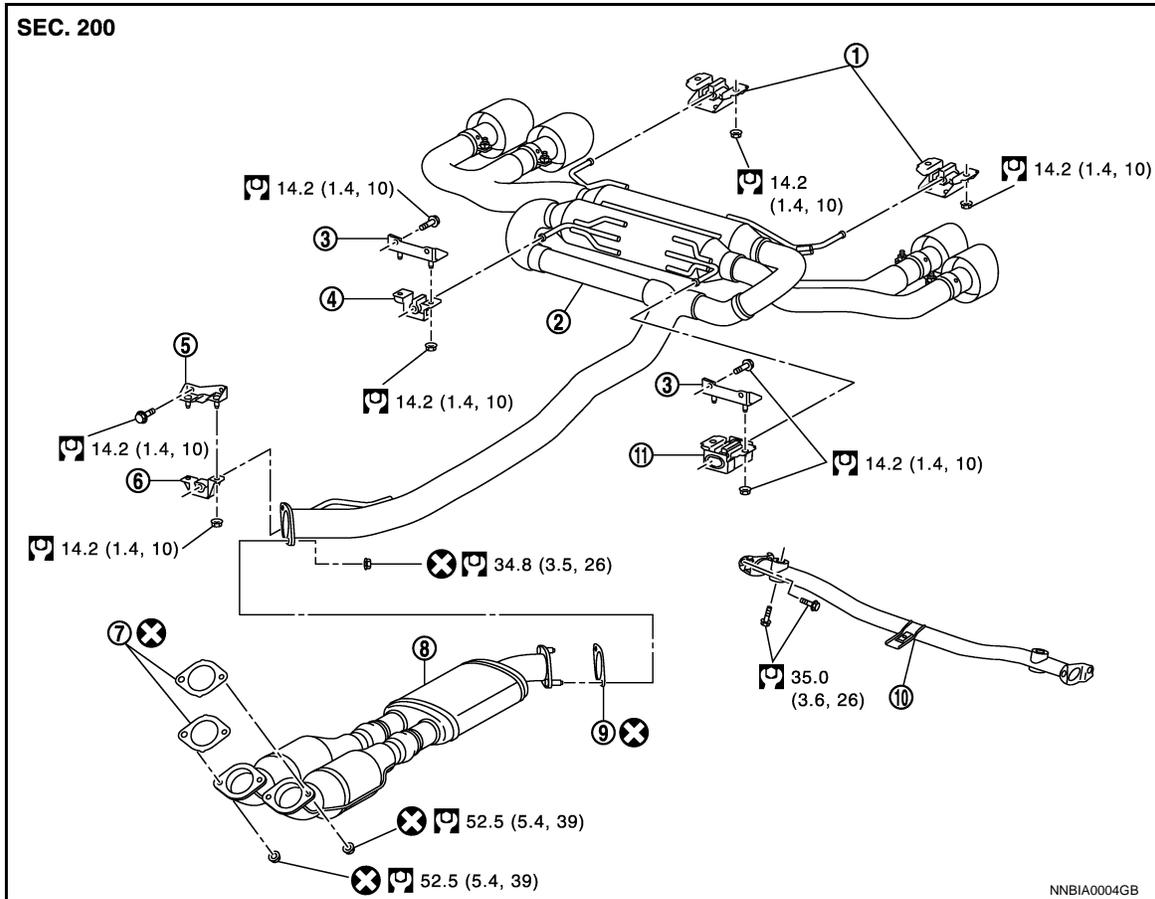
### EXHAUST SYSTEM

Exploded View

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EX



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- |                                  |                                   |                             |
|----------------------------------|-----------------------------------|-----------------------------|
| 1. Mounting bracket (No. 4)      | 2. Main muffler assembly          | 3. Bracket                  |
| 4. Mounting bracket (No. 3) (RH) | 5. Bracket                        | 6. Mounting bracket (No. 2) |
| 7. Gasket                        | 8. Sub muffler                    | 9. Gasket                   |
| 10. Front cross bar assembly     | 11. Mounting bracket (No. 3) (LH) |                             |

Refer to [GI-4, "Components"](#) for symbols in the figure.

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