SECTION EXHAUST SYSTEM C

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PREPARATION

PREPARATION Commercial Service Tools

PFP:00002

ABS00021

Power tool Loosening nuts and bolts	Tool name	Description
PBIC0190E	Power tool	Loosening nuts and bolts

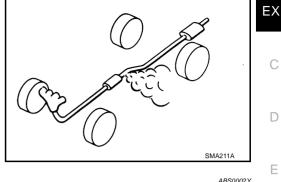
EXHAUST SYSTEM

EXHAUST SYSTEM

Checking Exhaust System

Check exhaust pipes, muffler and mounting for improper attachment, leaks, cracks, damage or deterioration.

• If anything is found, repair or replace damaged parts.



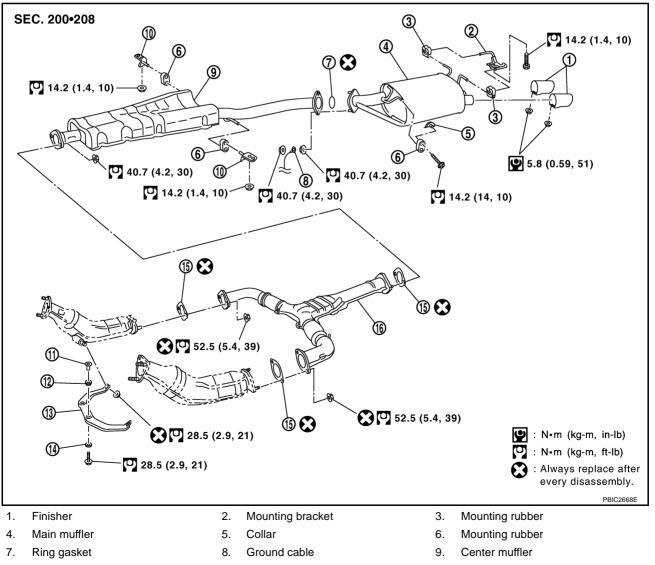
Removal and Installation

CAUTION:

- Be sure to use genuine exhaust system parts or equivalents which are specially designed for heat resistance, corrosion resistance, and shape.
- Perform the operation with the exhaust system fully cooled down because the system will be hot just after the engine stops.

2WD MODEL

• Be careful not to cut your hand on the heated insulator edge.



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EXHAUST SYSTEM

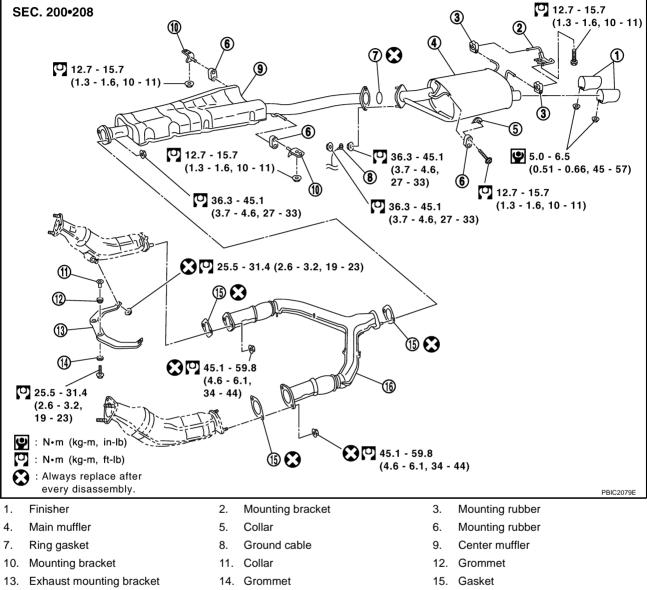
- 10. Mounting bracket
- Collar
 Grommet

12. Grommet

- 13. Exhaust mounting bracket
- 16. Exhaust front tube

Grommer

- 15. Gasket
- AWD MODEL



16. Exhaust front tube

REMOVAL

Disconnect each joint and mounting using power tool.

INSTALLATION

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

CAUTION:

- Always replace exhaust gaskets with new ones when reassembling.
- If insulator is badly deformed, repair or replace it. If deposits such as mud pile up on the insulator, remove them.
- When installing insulator avoid large gaps or interference between insulator and each exhaust pipe.
- Remove deposits from the sealing surface of each connection. Connect them securely to avoid gas leakage.

•	Temporarily tighten mounting nuts. Check each part for unusual interference, and then tighten
	them to the specified torque.

 When installing each mounting rubber, avoid twisting or unusual extension in up/down and right/ left directions.

Inspection After Installation

- With the engine running, check exhaust tube joints for gas leakage and unusual noises.
- Check to ensure that mounting brackets and mounting rubbers are installed properly and free from undue stress. Improper installation could result in excessive noise and vibration.
- Make sure that clearance between finisher and rear bumper is even.

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SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS) Tightening Torque

Unit: N⋅m (kg-m, ft-lb) Unit: N⋅m (kg-m, in-lb)* Exhaust system connections Between three way catalyst and exhaust front tube 52.5 (5.4, 39) Between exhaust front tube and center muffler 40.7 (4.2, 30) Between center muffler and main muffler 40.7 (4.2, 30) Exhaust mounting bracket 28.5 (2.9, 21) Center muffler mounting bracket 14.2 (1.4, 10) Main muffler mounting bracket 14.2 (1.4, 10) 5.8 (0.59, 51)* Finisher

PFP:00030

ABS00032