

SECTION **EX** EXHAUST SYSTEM

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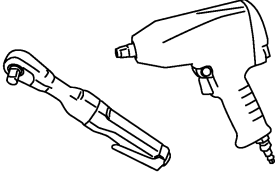
PREPARATION

PREPARATION

PFP:00002

Commercial Service Tools

ABS00021

Tool name	Description
<p data-bbox="140 314 252 336">Power tool</p>  <p data-bbox="836 534 906 549">PBIC0190E</p>	<p data-bbox="999 314 1254 336">Loosening nuts and bolts</p>

EXHAUST SYSTEM

EXHAUST SYSTEM

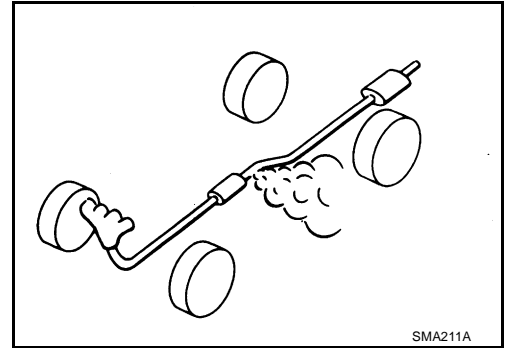
PFP:20100

Checking Exhaust System

ABS0002X

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

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

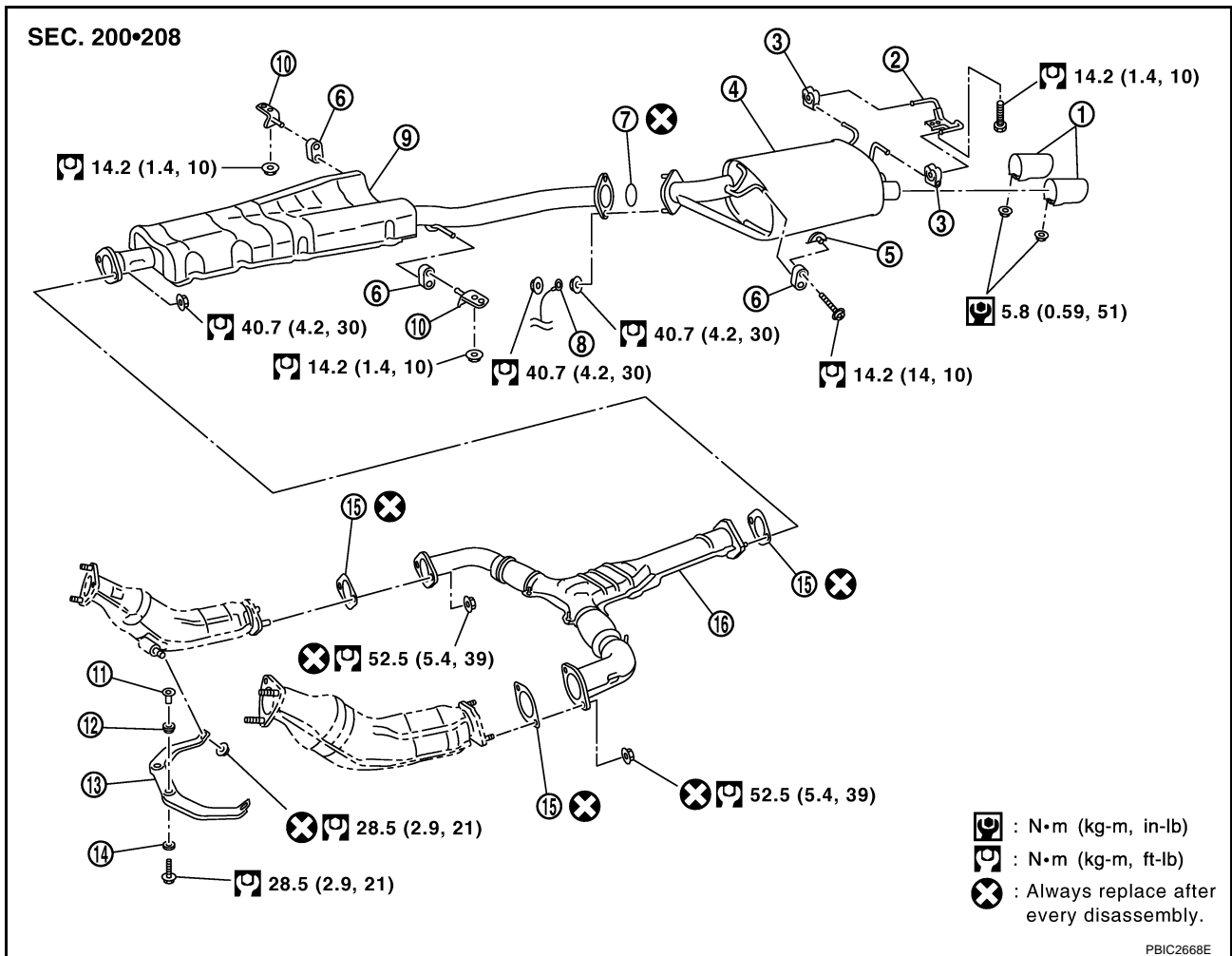


Removal and Installation

ABS0002Y

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



PBIC2668E

- | | | |
|----------------------|---------------------|--------------------|
| 1. Finisher | 2. Mounting bracket | 3. Mounting rubber |
| 4. Main muffler | 5. Collar | 6. Mounting rubber |
| 7. Ring gasket | 8. Ground cable | 9. Center muffler |
| 10. Mounting bracket | 11. Collar | 12. Grommet |

EXHAUST SYSTEM

13. Exhaust mounting bracket

14. Grommet

15. Gasket

16. Exhaust front tube

REMOVAL

Disconnect each joint and mounting using power tool.

INSTALLATION

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

CAUTION:

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

SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

PPF:00030

Tightening Torque

ABS00032

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)
Finisher	5.8 (0.59, 51)*

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SERVICE DATA AND SPECIFICATIONS (SDS)
