

SECTION **EX** EXHAUST SYSTEM

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EXHAUST SYSTEM

EXHAUST SYSTEM

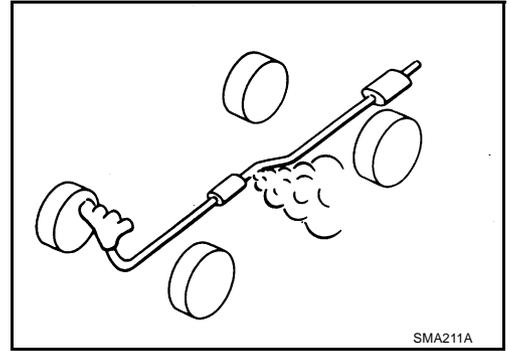
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Checking Exhaust System

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

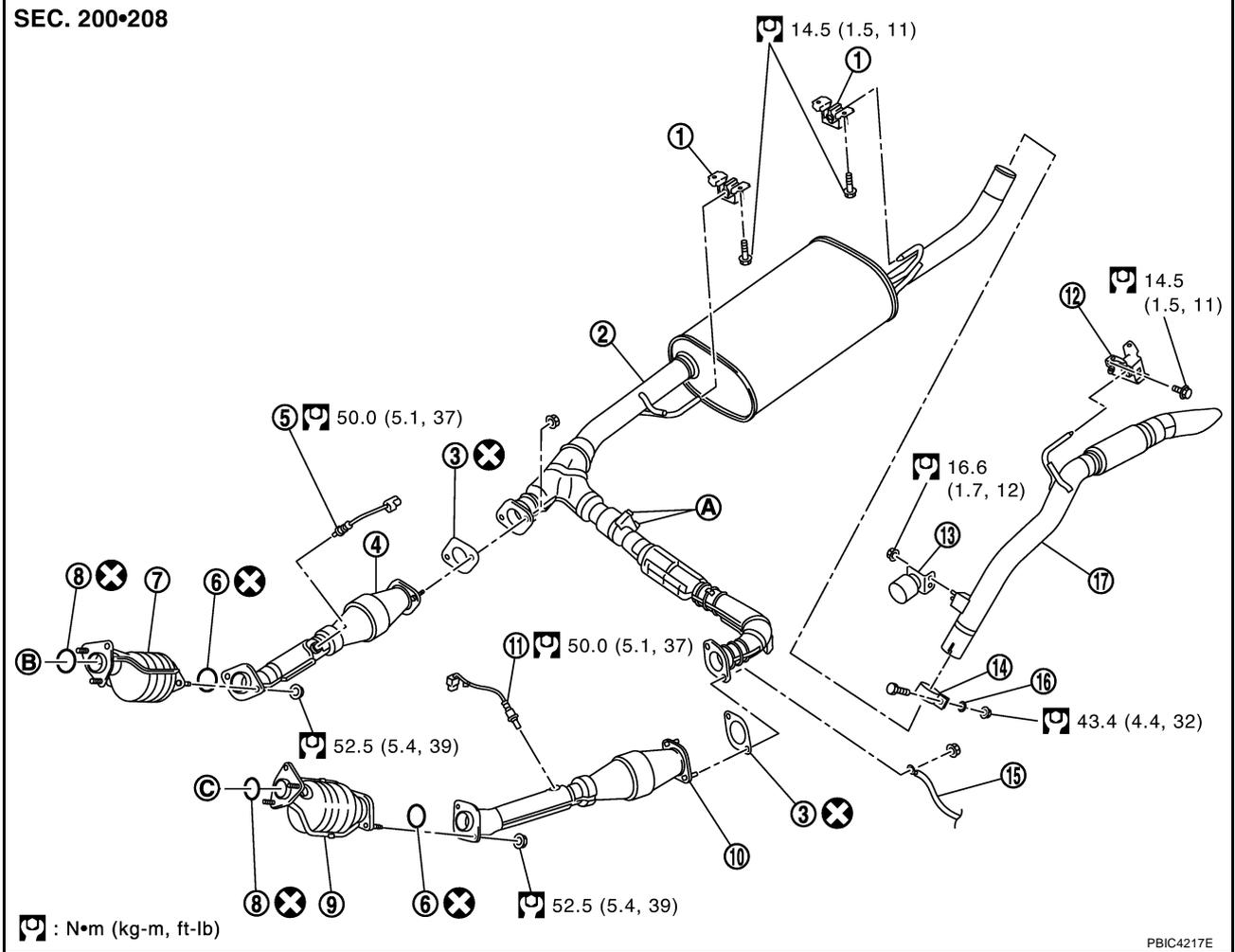
- If anything is found, repair or replace damaged parts.



Components (VQ Engine Models)

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SEC. 200•208



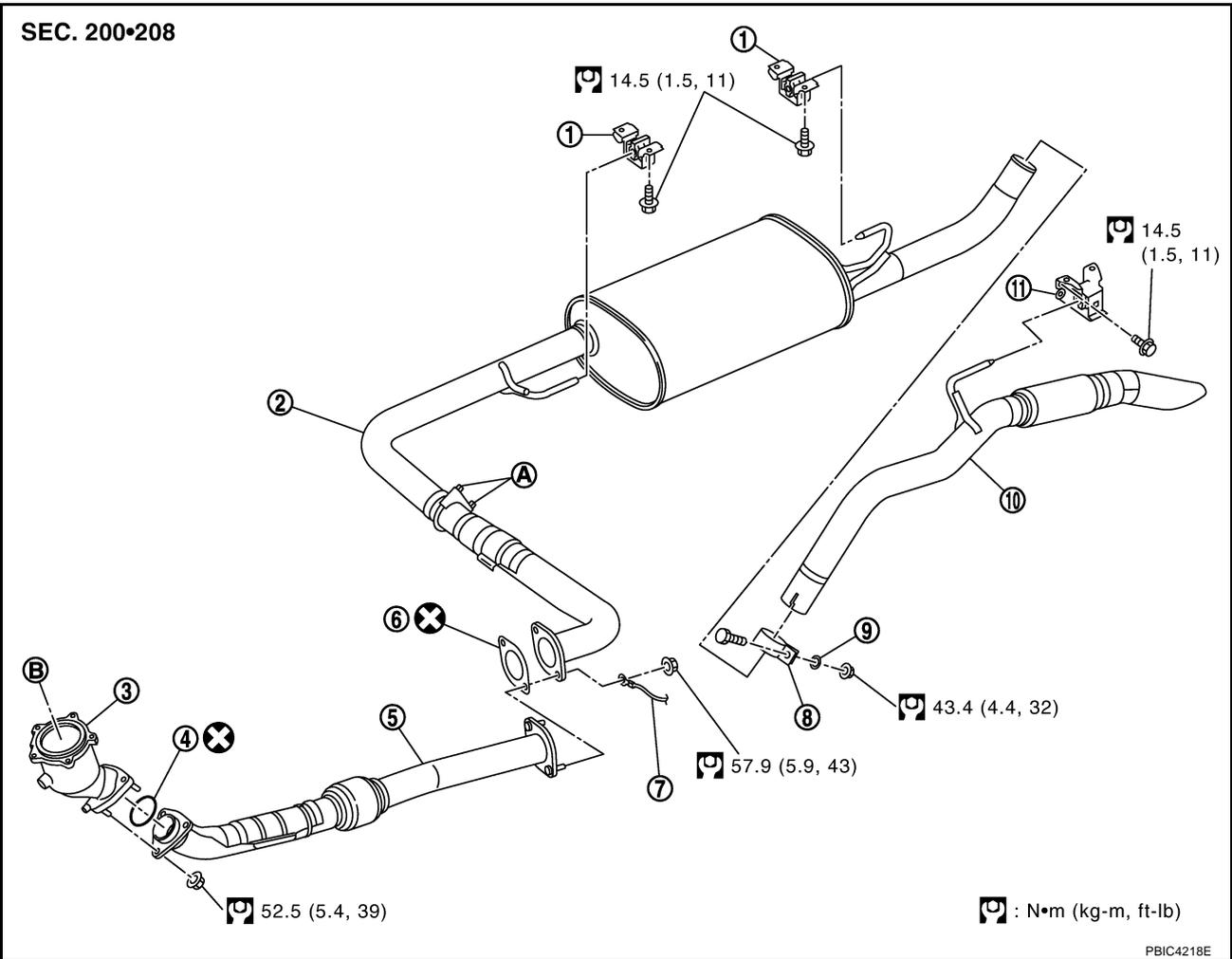
- | | | |
|---|-------------------------------------|--|
| 1. Mounting rubber | 2. Main muffler | 3. Gasket |
| 4. Exhaust front tube (right bank) | 5. Heated oxygen sensor 2 (bank 1) | 6. Ring gasket |
| 7. Three way catalyst (manifold) (right bank) | 8. Ring gasket | 9. Three way catalyst (manifold) (left bank) |
| 10. Exhaust front tube (left bank) | 11. Heated oxygen sensor 2 (bank 2) | 12. Mounting rubber |
| 13. Dynamic damper | 14. Band | 15. Ground cable |
| 16. Washer | 17. Tail tube | |
| A. Do not loosen these nuts. | B. To exhaust manifold (right bank) | C. To exhaust manifold (left bank) |

- Refer to [GI-10, "Components"](#) for symbol marks in the figure.

EXHAUST SYSTEM

Components (YD Engine Models)

GBS001SY



- | | | |
|------------------------------|-----------------------|-------------|
| 1. Mounting rubber | 2. Main muffler | 3. Catalyst |
| 4. Ring gasket | 5. Exhaust front tube | 6. Gasket |
| 7. Ground cable | 8. Band | 9. Washer |
| 10. Tail tube | 11. Mounting rubber | |
| A. Do not loosen these nuts. | B. To exhaust outlet | |

- Refer to [GI-10, "Components"](#) for symbol marks in the figure.

Removal and Installation

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

REMOVAL

Separate each connection as necessary.

CAUTION:

Do not disassemble main muffler at the portion "A" shown in the figure.

INSTALLATION

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

CAUTION:

- Always replace exhaust gaskets and seal bearings with new ones when reassembling.

EXHAUST SYSTEM

- If insulator is badly deformed, repair or replace it. If deposits such as mud pile up on 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 on the exhaust manifold side and mounting bolts on the vehicle side. 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.