ACCELERATOR CONTROL, FUEL & EXHAUST SYSTEMS



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PREPARATION/ACCELERATOR CONTROL SYSTEM

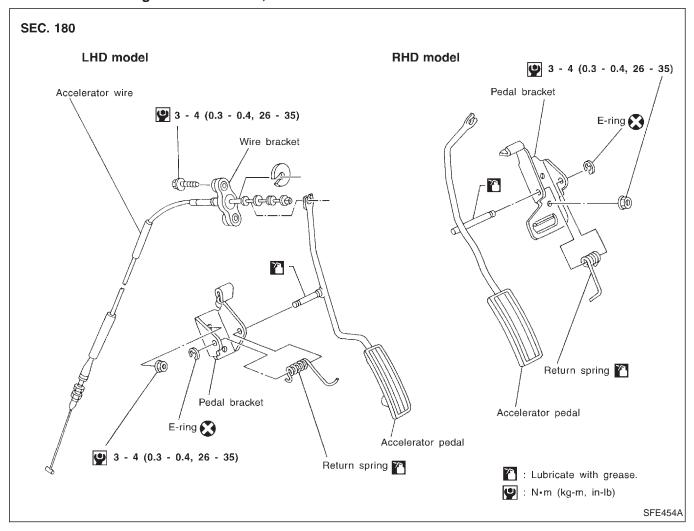
Special Service Tool

Tool number Tool name	Description	
KV10114400 Heated oxygen sensor wrench	a a	Loosening or tightening heated oxygen sensor
	NT636	a = 22 mm (0.87 in)

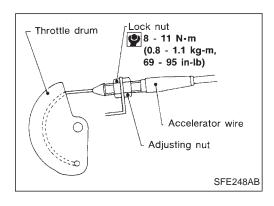
Accelerator Control System

CAUTION:

- When removing accelerator wire, make a mark to indicate lock nut's initial position.
- Check that throttle valve opens fully when accelerator pedal is fully depressed. Also check that it returns to idle position when pedal is released.
- Check accelerator control parts for improper contact with any adjacent parts.
- When connecting accelerator wire, be careful not to twist or scratch wire.



PREPARATION/ACCELERATOR CONTROL SYSTEM



Adjusting Accelerator Wire

- 1. Loosen lock nut, and tighten adjusting nut until throttle drum starts to move.
- 2. From that position turn back adjusting nut 1.5 to 2 turns, and fasten it with lock nut.

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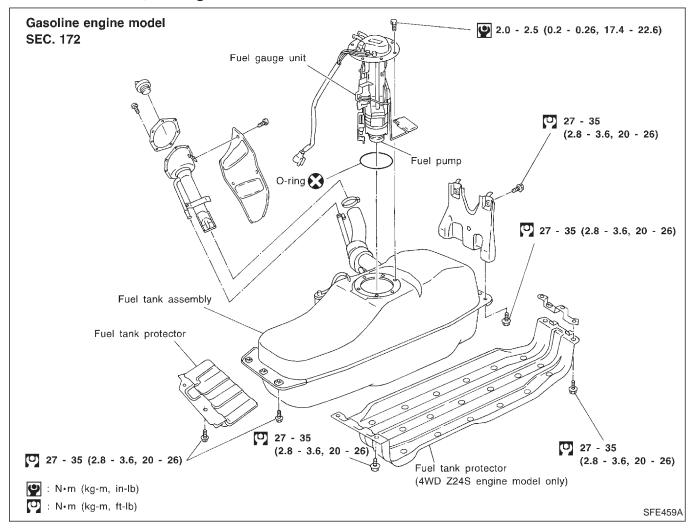
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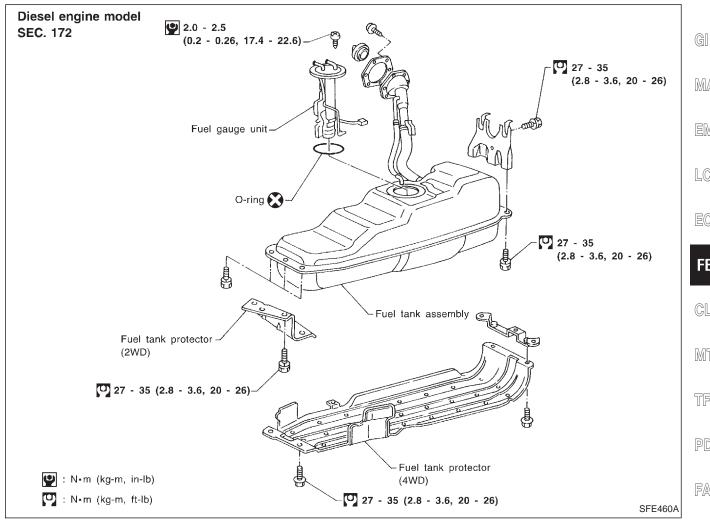
When replacing fuel line parts, be sure to observe the following:

- Put a "CAUTION: INFLAMMABLE" sign in workshop.
- Do not smoke while servicing fuel system. Keep open flames and sparks away from work area.
- Be sure to disconnect battery ground cable before conducting operations.
- Be sure to furnish workshop with a CO₂ fire extinguisher.
- Drain fuel from fuel tank and put drained fuel in an explosion-proof container and put lid on securely.

CAUTION:

- Before disconnecting fuel hose of ECCS engine model, release fuel pressure from fuel line. Refer to "Changing Fuel Filter" in MA section.
- Do not disconnect any fuel line unless absolutely necessary.
- Plug hose and pipe openings to prevent entry of dust or dirt.
- Always replace O-ring and clamps with new ones.
- Do not kink or twist hose and tube when they are installed.
- Do not tighten hose clamps excessively to avoid damaging hoses.
- When installing fuel check valve, be careful of its designated direction. (Refer to "EVAPORATIVE EMISSION SYSTEM" in EC section.)
- Tighten bolts to specified torque.
- After installation, run engine and check for fuel leaks at connections.





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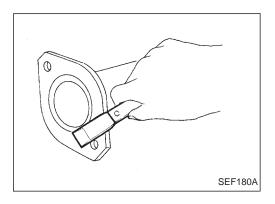
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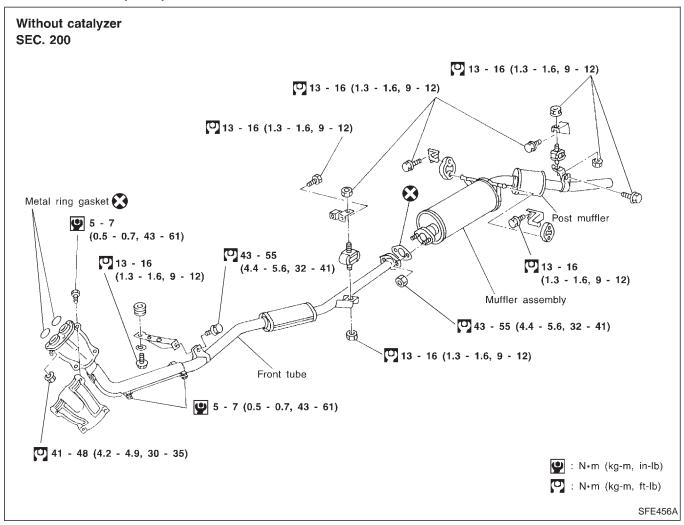
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CAUTION:

- Always replace exhaust gaskets with new ones when reassembling. If gasket is left on flange surface, scrape off completely as shown at left.
- With engine running, check all tube connections for exhaust gas leaks, and entire system for unusual noises.
- Ensure that mounting brackets and mounting insulators are installed properly and free from undue stress. Improper installation could result in excessive noise or vibration.
- Discard any heated oxygen sensor which has been dropped from a height of more than 0.5 m (19.7 in) onto a hard surface such as concrete floor; use a new one.

KA24E ENGINE (2WD) MODEL



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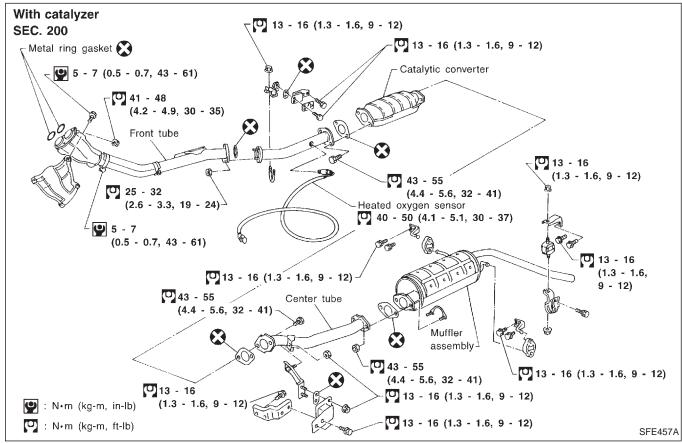
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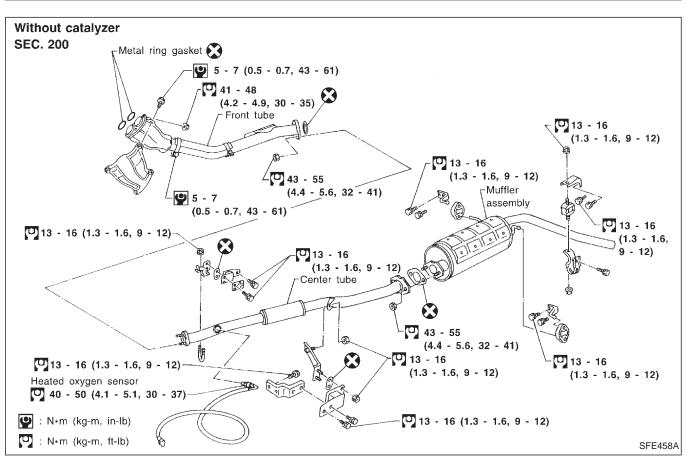
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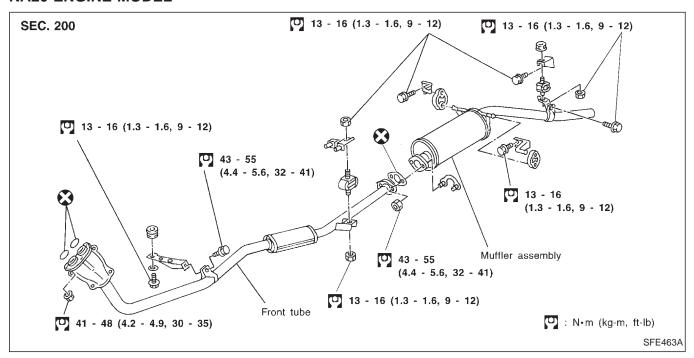
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KA24E ENGINE (4WD) MODEL





NA20 ENGINE MODEL



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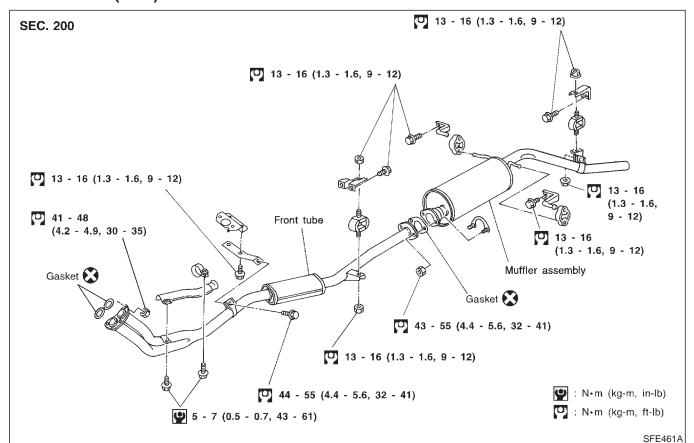
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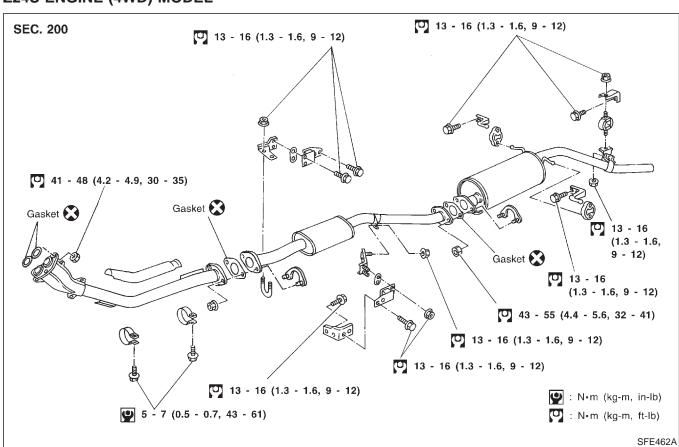
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Z24S ENGINE (2WD) MODEL



Z24S ENGINE (4WD) MODEL



DIESEL ENGINE MODEL

