ACCELERATOR CONTROL, FUEL & EXHAUST SYSTEMS

MA

EM

GI

SECTION

FE

CL

PD

AX

SU

BR

ST

RS

BT

HA

SC

EL

IDX

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PREPARATION

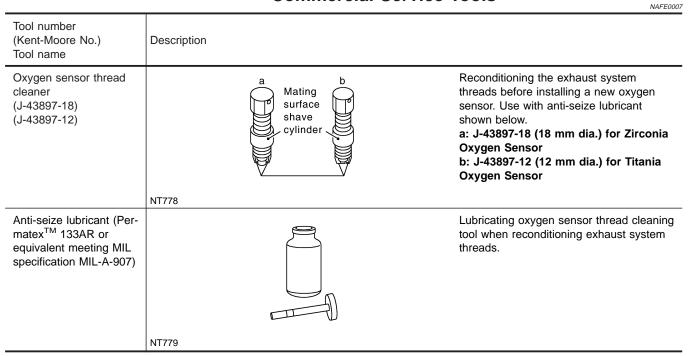
Special Service Tool

Special Service Tool

The actual shapes of Kent-Moore tools may differ from those of special service tools illustrated here.

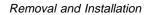
Tool number (Kent-Moore No.) Tool name	Description	
KV10114400 (J38365) Heated oxygen sensor wrench	NT636	Loosening or tightening rear heated oxy- gen sensor (For right bank) a: 22 mm (0.87 in)





NAFE0001

ACCELERATOR CONTROL SYSTEM



Removal and Installation

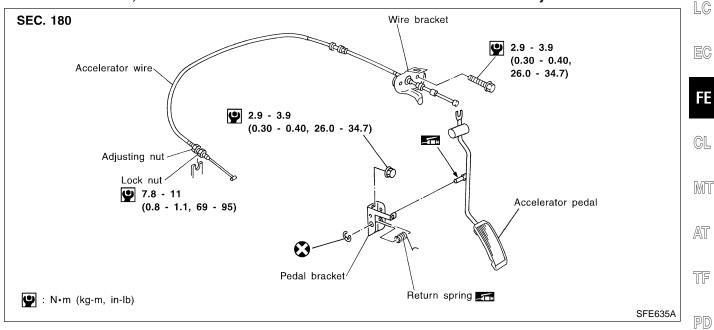
EM

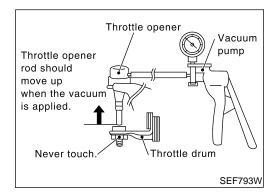
AX

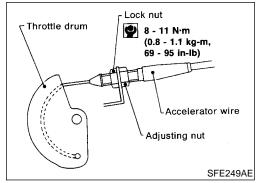
SU

CAUTION:

- When removing accelerator wire, make a mark to indicate lock nut's initial position.
- MA 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 its inner wire.
- Refer to EL-258, "AUTOMATIC SPEED CONTROL DEVICE" for ASCD wire adjustment.







Adjusting	Accelerator	Wire
Aajaoting	According	

- AFENNN Remove the vacuum hose connected to the throttle opener. 1.
- 2. Connect suitable vacuum hose to vacuum pump as shown left.
- Apply vacuum [more than -40.0 kPa (-300 mmHg, -11.81 3. ST inHg)] until the throttle drum becomes free from the rod of the throttle opener.

Make sure that there is clearance between the throttle RS drum and rod.

If NG, refer to EC-100, "Basic Inspection".

- If OK, go to following step. BT Loosen lock nut.
- 5. Tighten accelerator adjusting nut until throttle drum starts to move. HA
- 6. From that position, turn back adjusting nut 1.5 to 2 turns, and secure lock nut. SC
- 7. Release vacuum from the throttle opener.
- Remove vacuum pump and vacuum hose from the throttle 8. opener.
- EL 9. Reinstall the original vacuum hose to the throttle opener securely.

4.

Removal and Installation

WARNING:

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

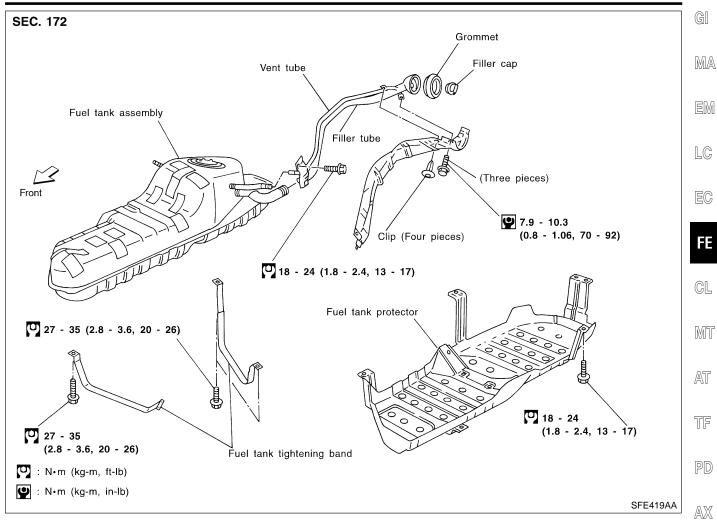
- Put a "CAUTION: INFLAMMABLE" sign in workshop.
- Do not smoke while servicing fuel system. Keep open flames and sparks away from work area.
- Be sure to furnish the workshop with a CO_2 fire extinguisher.

CAUTION:

- Before removing fuel line parts, carry out the following procedures:
- a) Put drained fuel in an explosion-proof container and put lid on securely.
- b) Release fuel pressure from fuel line. Refer to MA-17, "Changing Fuel Filter".
- c) Disconnect battery ground cable.
- Always replace O-ring 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 EC-32, "EVAPORATIVE EMIS-SION SYSTEM".
- After installation, run engine and check for fuel leaks at connections.

FUEL SYSTEM

Removal and Installation (Cont'd)



Fuel hose X γ 1 Harness connector 111 N \cap Inspection hole cover i١ SFE420A Differential Front 🖒 Filler carrier hose Fuel tank Evaporation hose 🔨 Vent hose

FUEL TANK NAFE0004S01 Release fuel pressure from fuel line. 1. Refer to MA-17, "Changing Fuel Filter". Remove inspection hole cover located behind the rear seat. 2. Disconnect harness connectors under inspection hole cover. 3. 4. Disconnect fuel hoses. Put mating marks on hoses for correct installation. Disconnect filler hose, vent hose and evaporation hose at fuel 5. tank side.

ST

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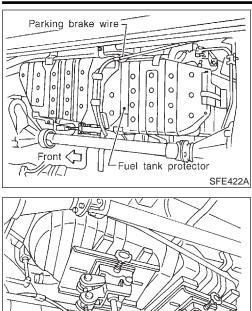
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SFE468A

FUEL SYSTEM

Removal and Installation (Cont'd)

Rear LH tire



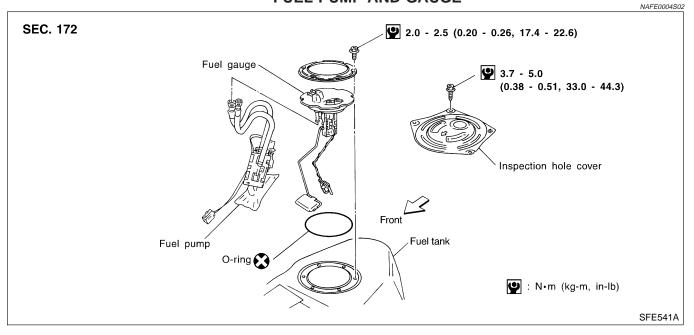
- 6. Remove parking brake wire from fuel tank protector.
- 7. Remove fuel tank protector.

- 8. Remove fuel tank band mounting bolts while supporting fuel tank.
- 9. Remove fuel tank.

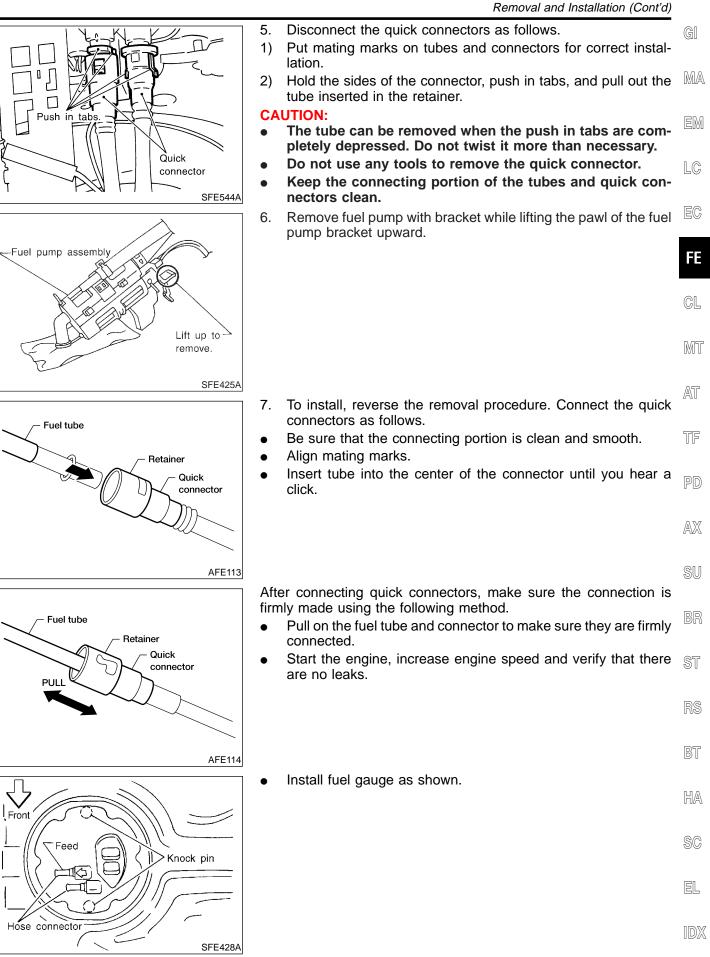
Installation procedure is the reverse order of removal.

FUEL PUMP AND GAUGE

SFE469A



- 1. Release fuel pressure from fuel line. Refer to MA-17, "Changing Fuel Filter".
- 2. Remove inspection hole cover located behind the rear seat.
- 3. Disconnect harness connectors and fuel tubes from upper plate of fuel gauge.
- Put mating marks on tubes for correct installation.
- 4. Remove fuel gauge retainer and fuel gauge.



FUEL SYSTEM

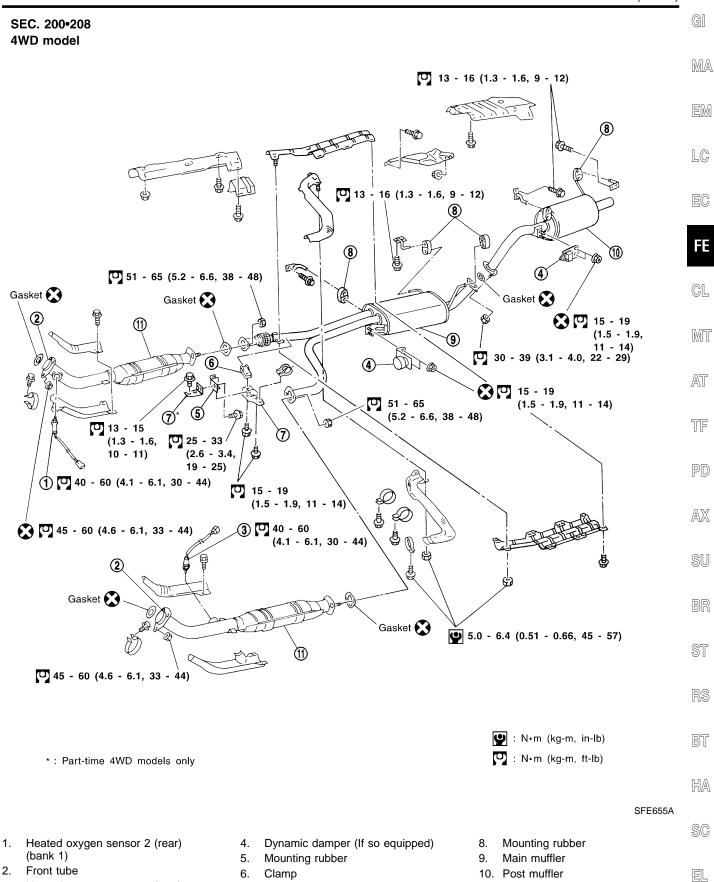
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EXHAUST SYSTEM

Removal and Installation

CAUTION:

- Always replace exhaust gaskets with new ones when reassembling.
- With engine running, check all tube connections for exhaust gas leaks, and entire system for unusual noises.
- Check to 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 a concrete floor; use a new one.
- Before installing new oxygen sensor, clean exhaust system threads using Oxygen Sensor Thread Cleaner tool J-43897-18 of J-43897-12 and approved anti-seize lubricant.
- Do not overtorque the oxygen sensor. Doing so may cause damage to the oxygen sensor, resulting in the MIL coming on.

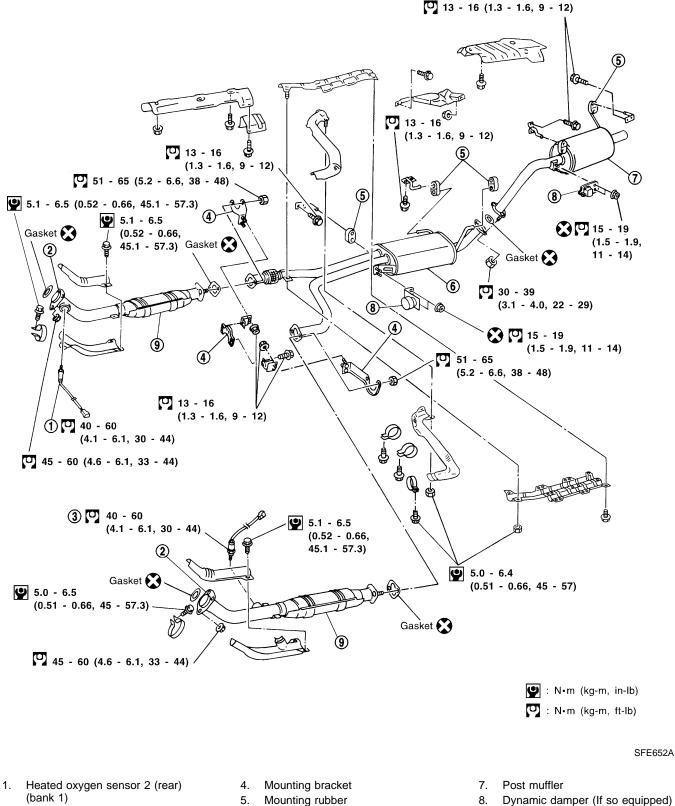


- 3. Heated oxygen sensor 2 (rear) (bank 2)
- 7.
 - Mounting bracket

IDX

11. TWC (under floor)

SEC. 200•208 2WD model



- 2. Front tube
- 3. Heated oxygen sensor 2 (rear) (bank 2)
- 6. Main muffler

- 8. Dynamic damper (If so equipped)
- 9. TWC (under floor)