

**ENGINE CONTROL, FUEL &  
EXHAUST SYSTEMS**

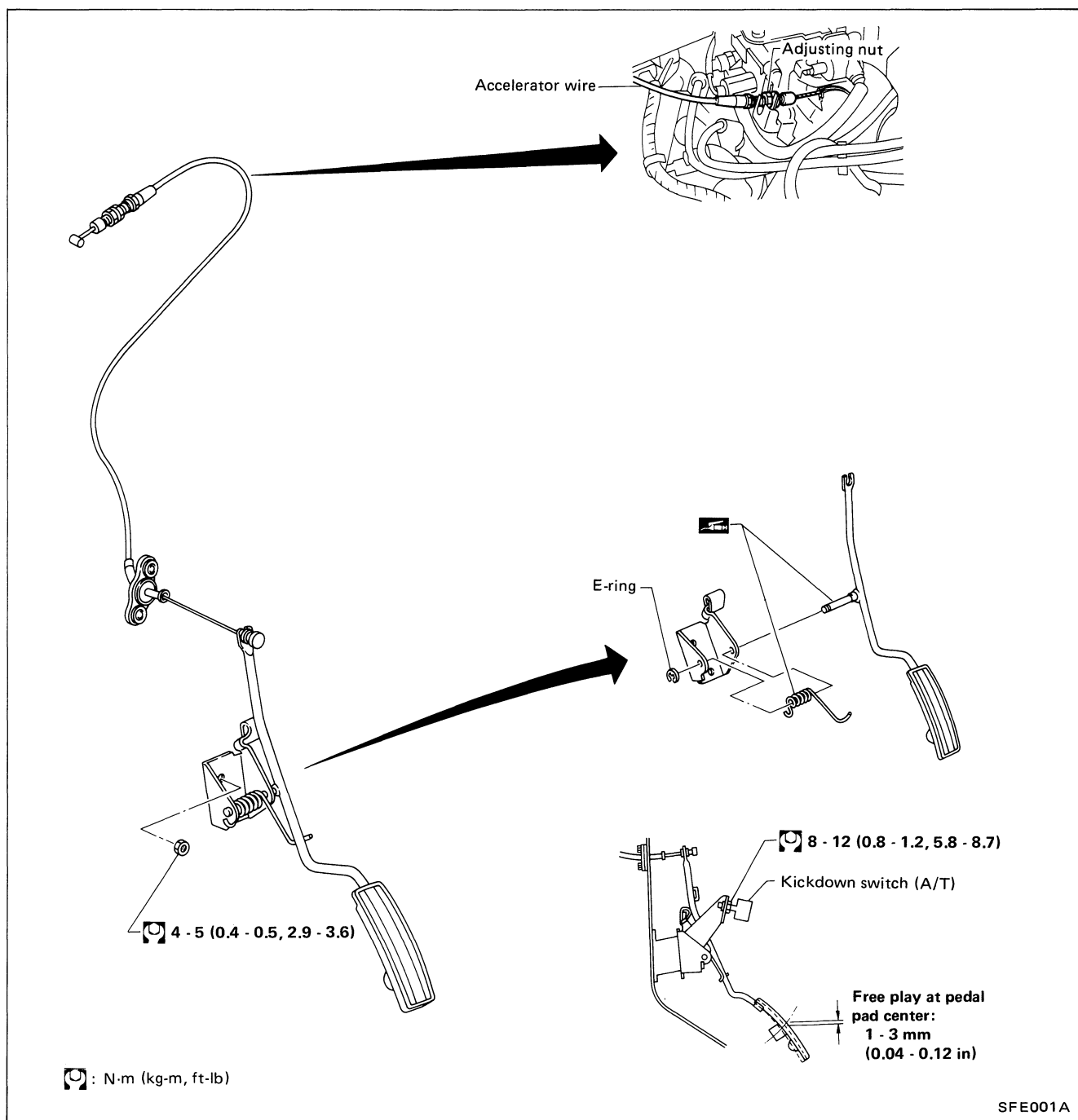
**SECTION FE**

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## ENGINE CONTROL SYSTEM

- a. Check to see if throttle valve fully opens when accelerator pedal is fully depressed and returns to idle when released.
- b. Adjust accelerator pedal free play by turning adjusting nut.
- c. On automatic transmission models, make sure kickdown switch rod is fully pushed in when accelerator pedal is depressed completely.
- d. ON A.S.C.D. equipped models, first adjust accelerator wire and then A.S.C.D. cable. For details, refer to "Automatic Speed Control Device" in EL section.
- e. Check accelerator control parts for improper contact with any adjacent parts.
- f. When connecting accelerator wire, be careful not to twist or scratch its inner wire.
- g. Apply a light coat of recommended multi-purpose grease to all sliding or friction surfaces. Do not apply grease to wire.



## **FUEL SYSTEM**

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### **WARNING:**

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

- a. Put a "CAUTION: INFLAMMABLE" sign in workshop.
- b. Be sure to furnish the workshop with a CO<sub>2</sub> fire extinguisher.
- c. Be sure to disconnect battery ground cable before conducting operations.
- d. Put drained fuel in an explosion-proof container and attach lid securely.

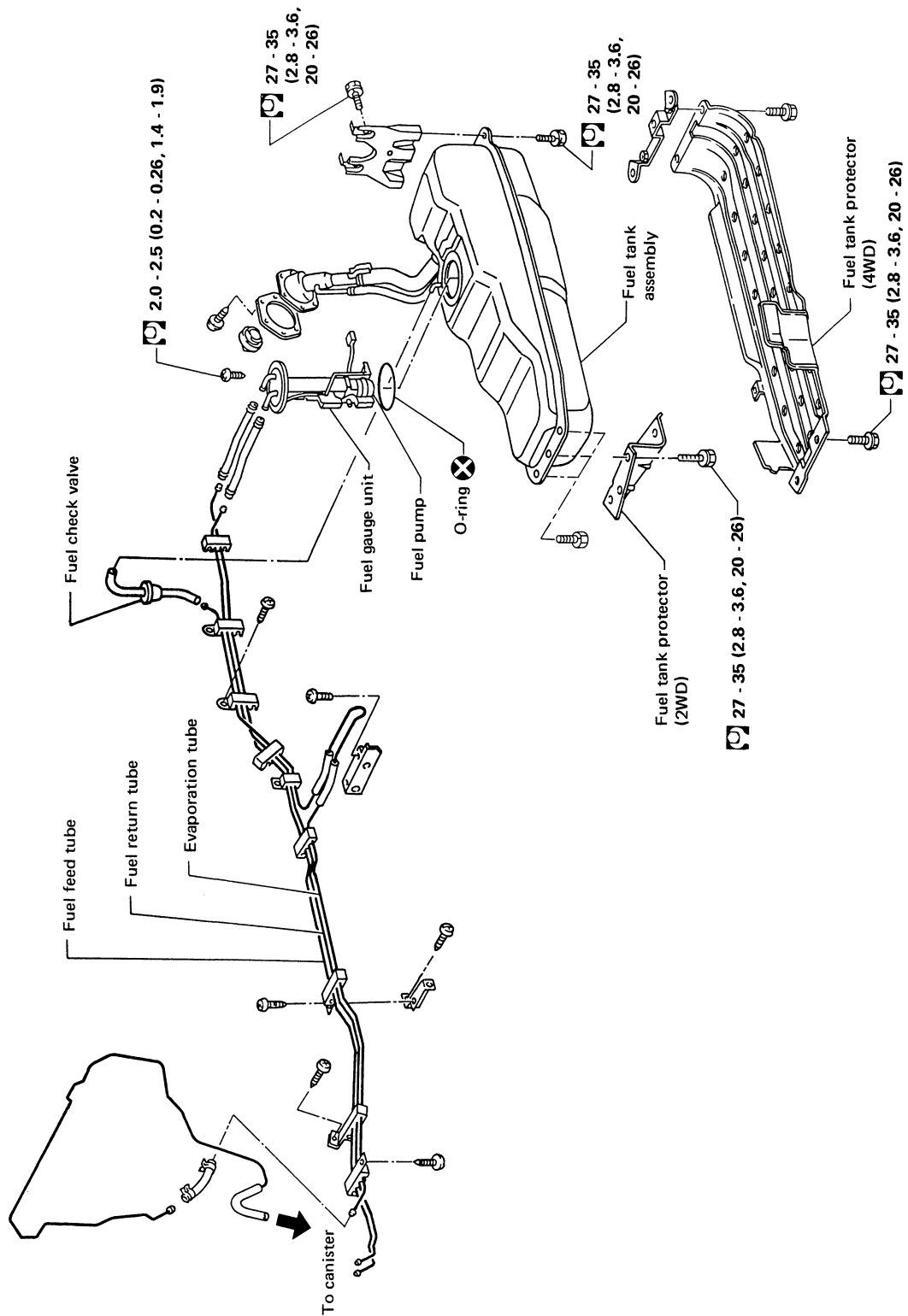
### **CAUTION:**

Before disconnecting fuel hose on gasoline engine model, release fuel pressure from fuel line. Refer to the "Releasing Fuel Pressure" in EF & EC section.

- a. Do not disconnect any fuel line unless absolutely necessary.
- b. Plug hose and pipe openings to prevent entry of dust or dirt.
- c. Always replace O-ring with new ones.
- d. Do not kink or twist hose and tube when they are installed.
- e. Do not tighten hose clamps excessively to avoid damaging hoses.
- f. When installing fuel check valve, be careful of its designated direction (Refer to section EF & EC).
- g. Run the engine and check for fuel leaks at connections.

# FUEL SYSTEM

Truck

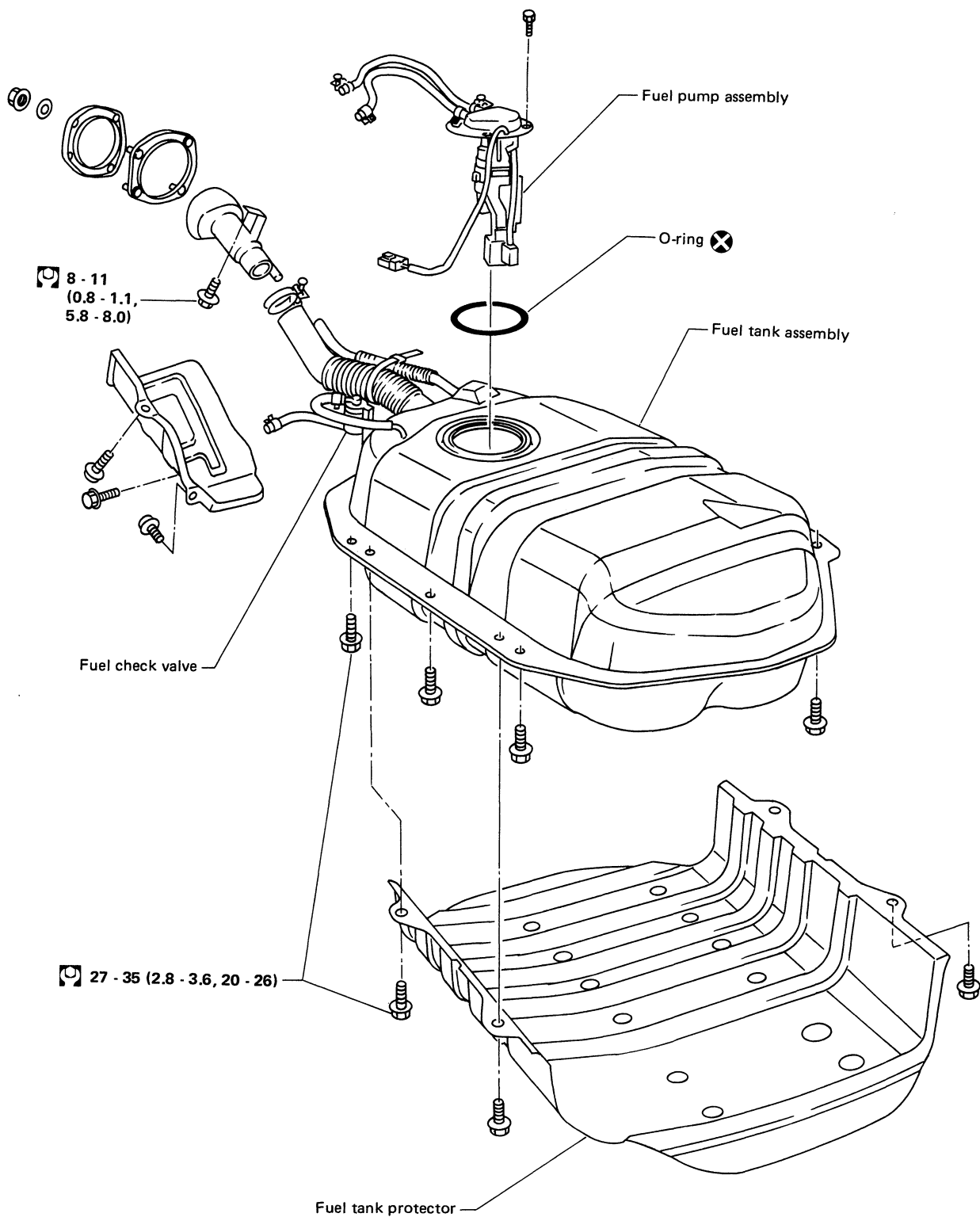



□ : N·m (kg-m, ft-lb)

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# FUEL SYSTEM

Van and Wagon



 : N-m (kg-m, ft-lb)

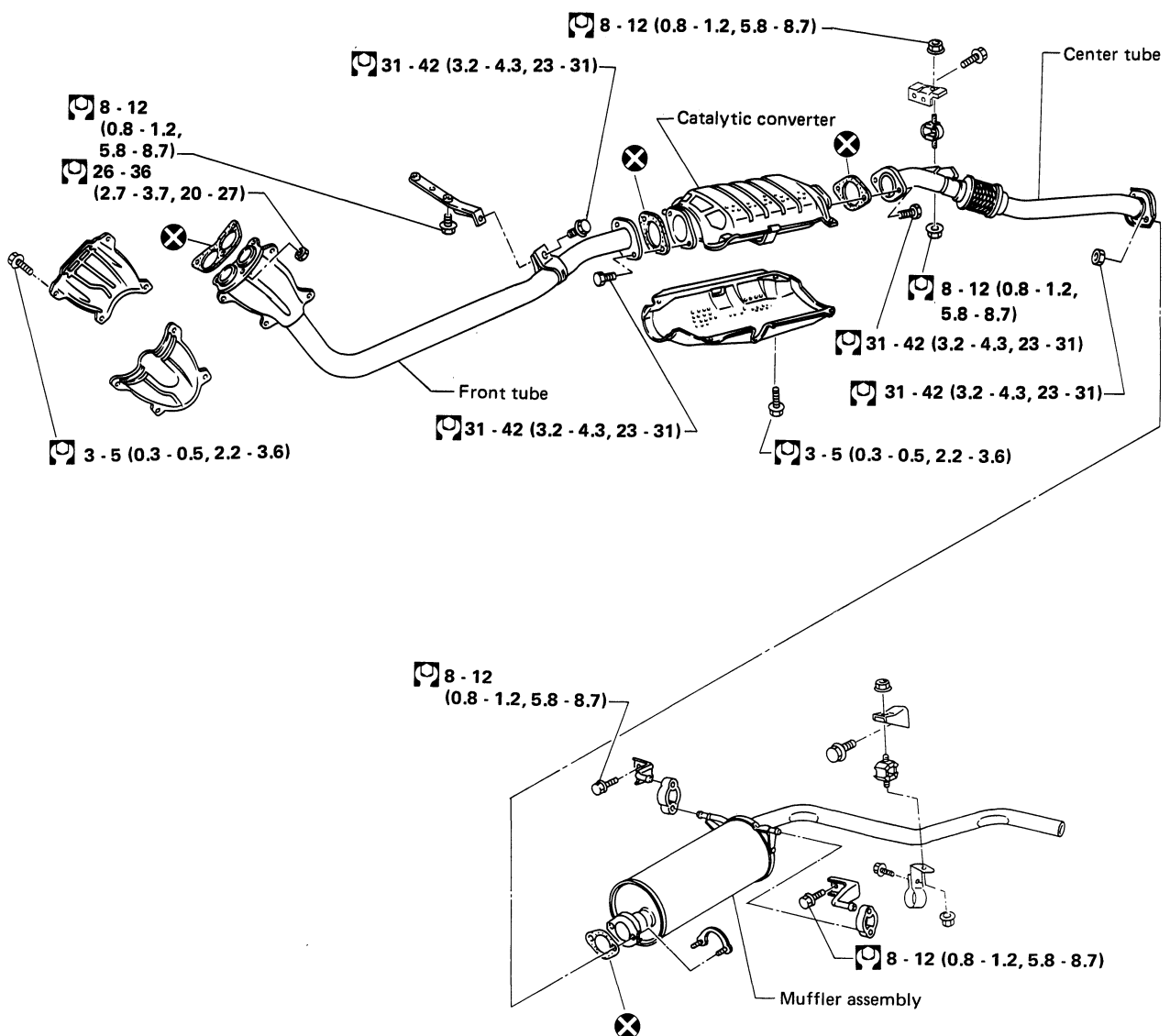
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## EXHAUST SYSTEM

### CAUTION:

- a. Be careful not to drop or damage catalytic converter.
- b. Never wet catalytic converter with water, oil, etc.
- After installation, make sure that mounting brackets and mounting insulators are free from undue stress. If any of above parts is not installed properly, excessive noises or vibrations may be transmitted to vehicle body.
- Check all tube connections for exhaust gas leaks, and entire system for unusual noises, with engine running.

### Z24i model (2WD) for Truck

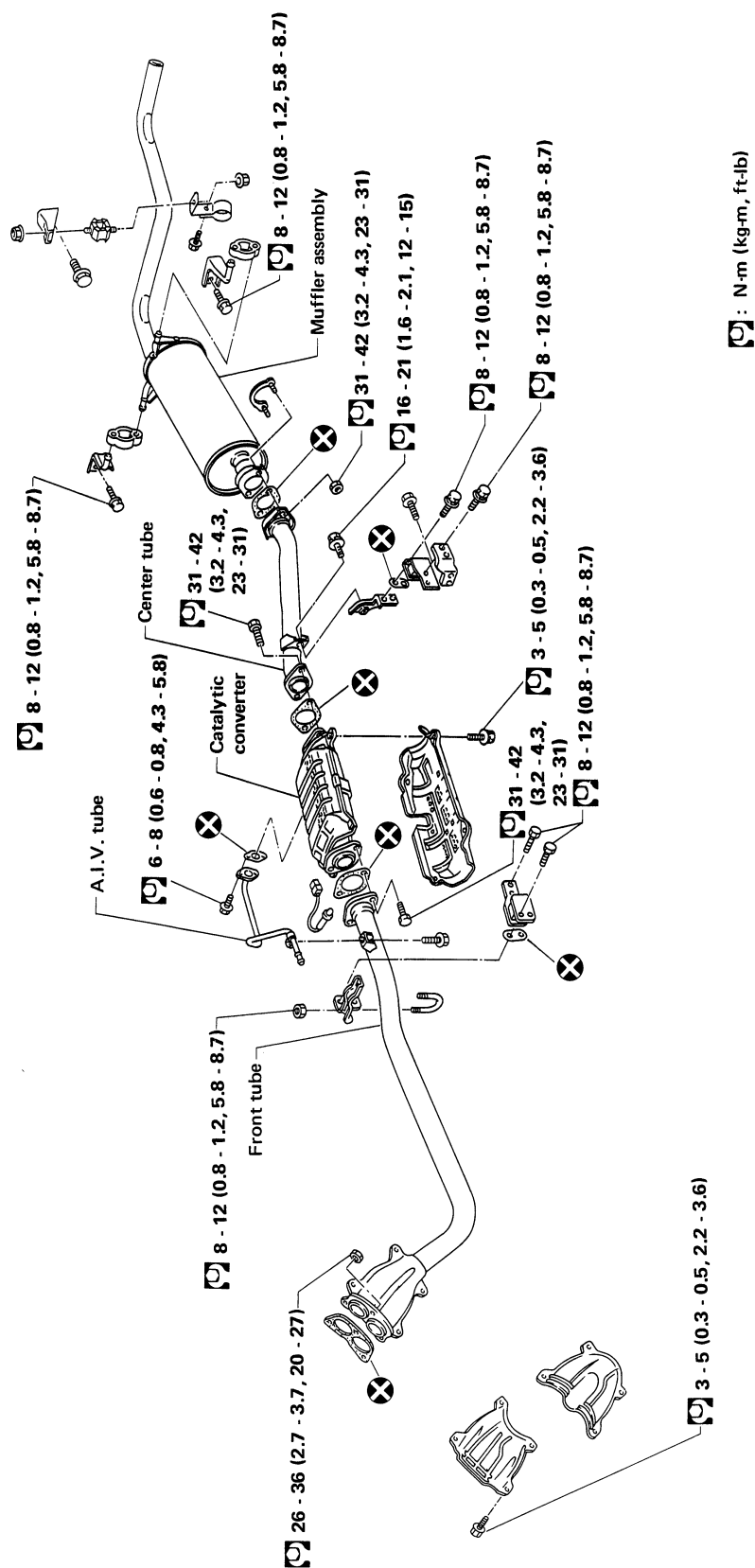


: N·m (kg-m, ft-lb)

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# EXHAUST SYSTEM

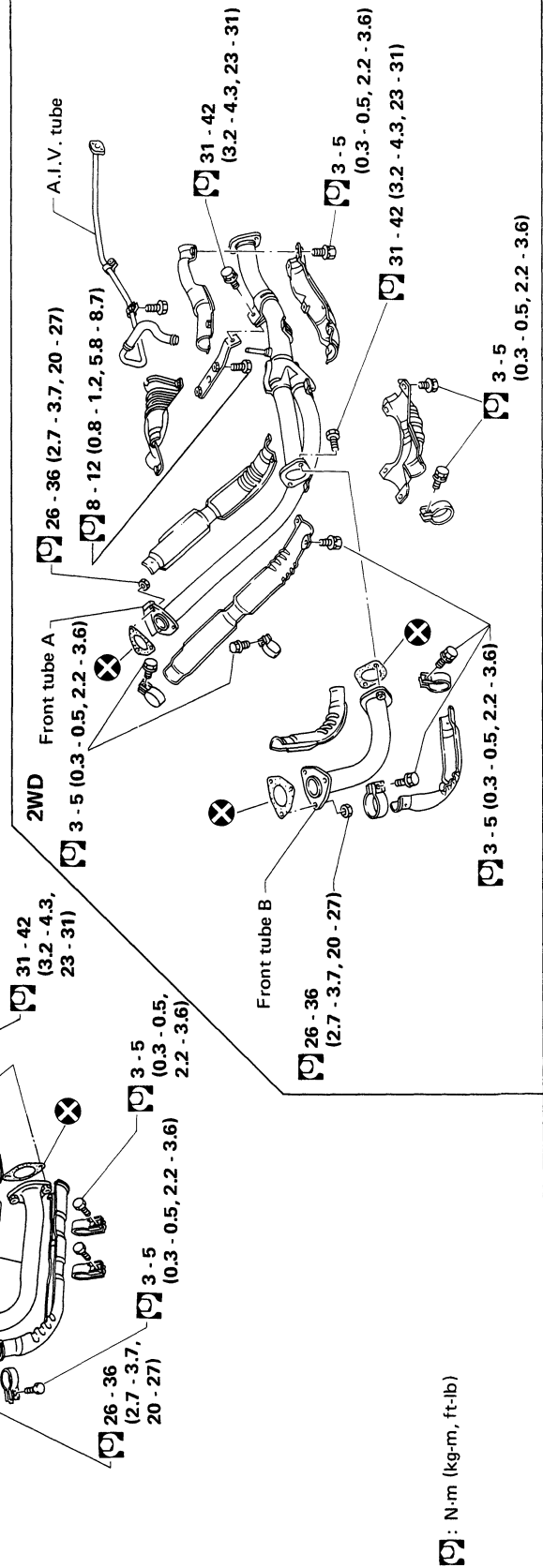
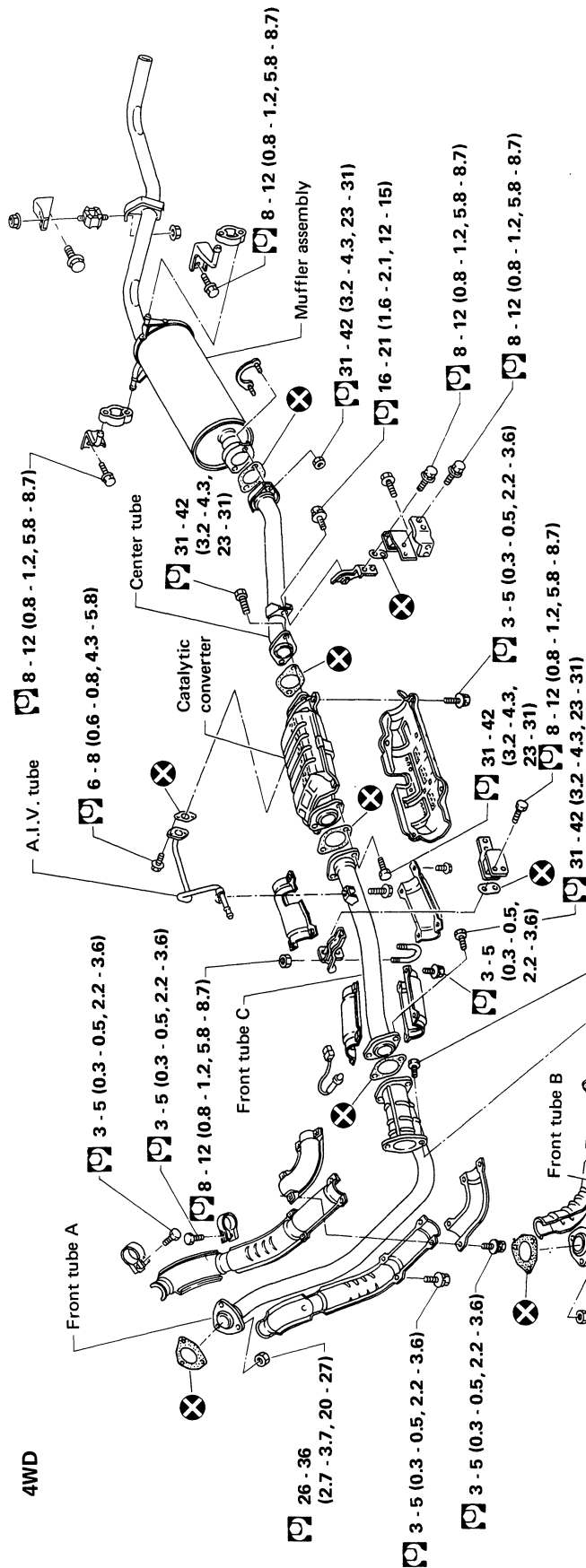
Z24i model (4WD) for Truck



# EXHAUST SYSTEM

## VG30i model for Truck

4WD



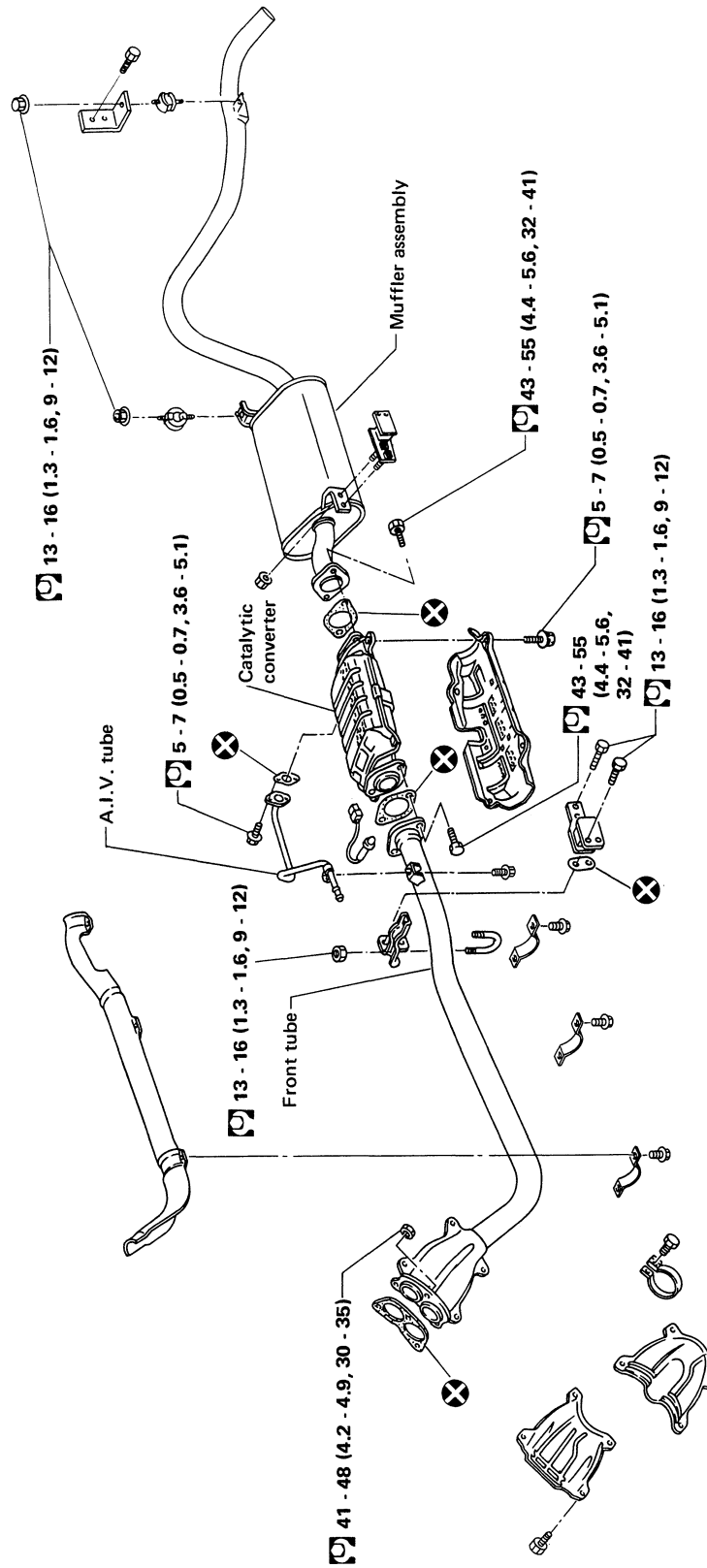
Ⓜ : N-m (kg-m, ft-lb)

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# EXHAUST SYSTEM

Z24i model for Van and Wagon



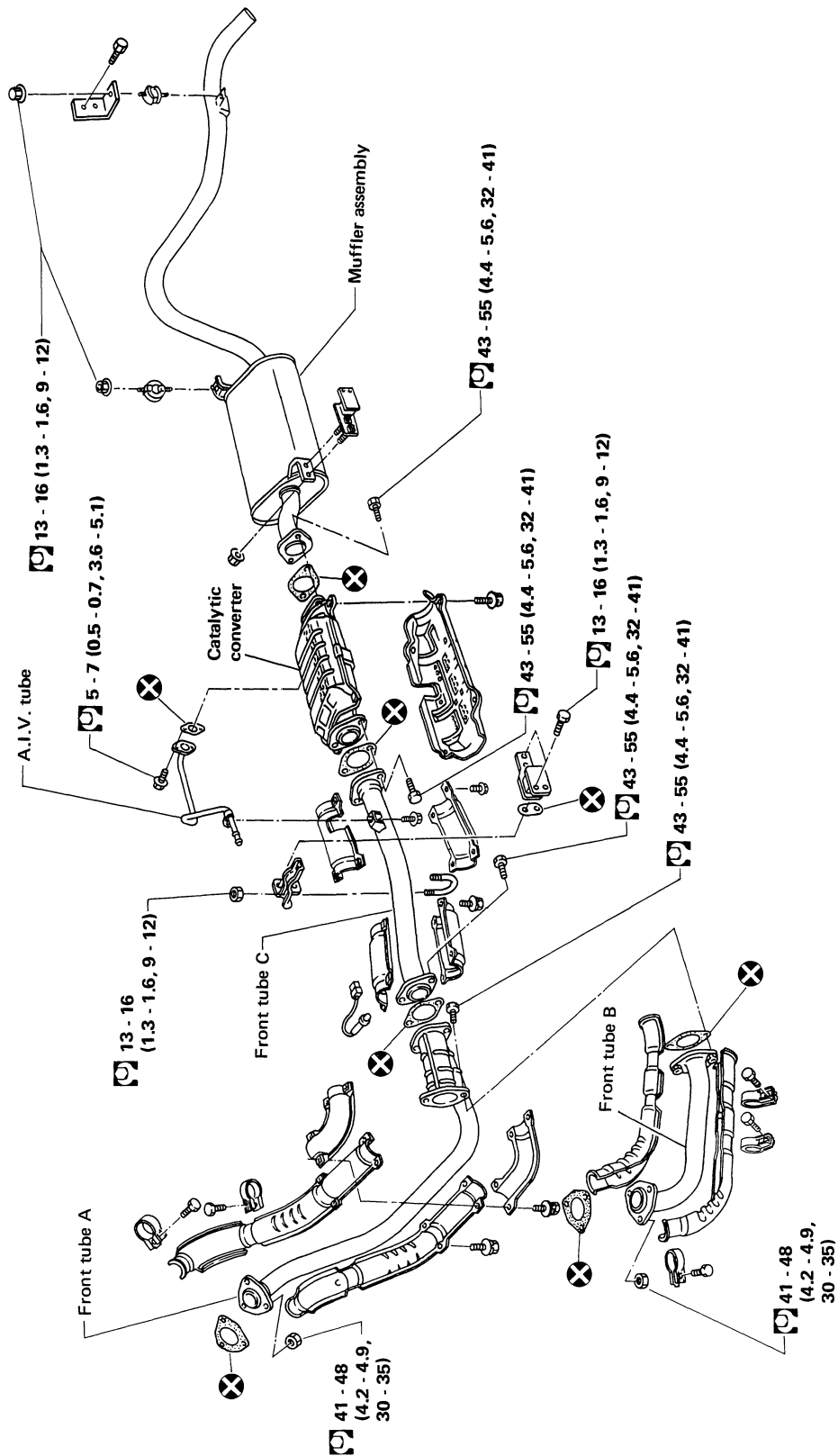
: N-m (kg-m, ft-lb)

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# EXHAUST SYSTEM

VG30i model for Van and Wagon

 : N·m (kg·m, ft·lb)



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