

Illustration 1

g00818680

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## NOTICE

**Do not let the tops of fuel nozzles turn when the fuel line nuts are loosened or tightened.**

**The nozzles will be damaged if the top of the nozzle turns in the body.**

**The engine will be damaged if a defective fuel injection nozzle is used because the shape of fuel (spray pattern) that comes out of the nozzles will not be correct.**

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1. Disconnect union nuts (1) for fuel injection lines (2) from fuel injection nozzles.
2. Disconnect union nuts (1) for fuel injection lines (2) from the fuel injection pump.
3. Remove fuel injection lines (2) from the engine as a unit.
4. Remove banjo bolt (4) from fuel return line (3) .

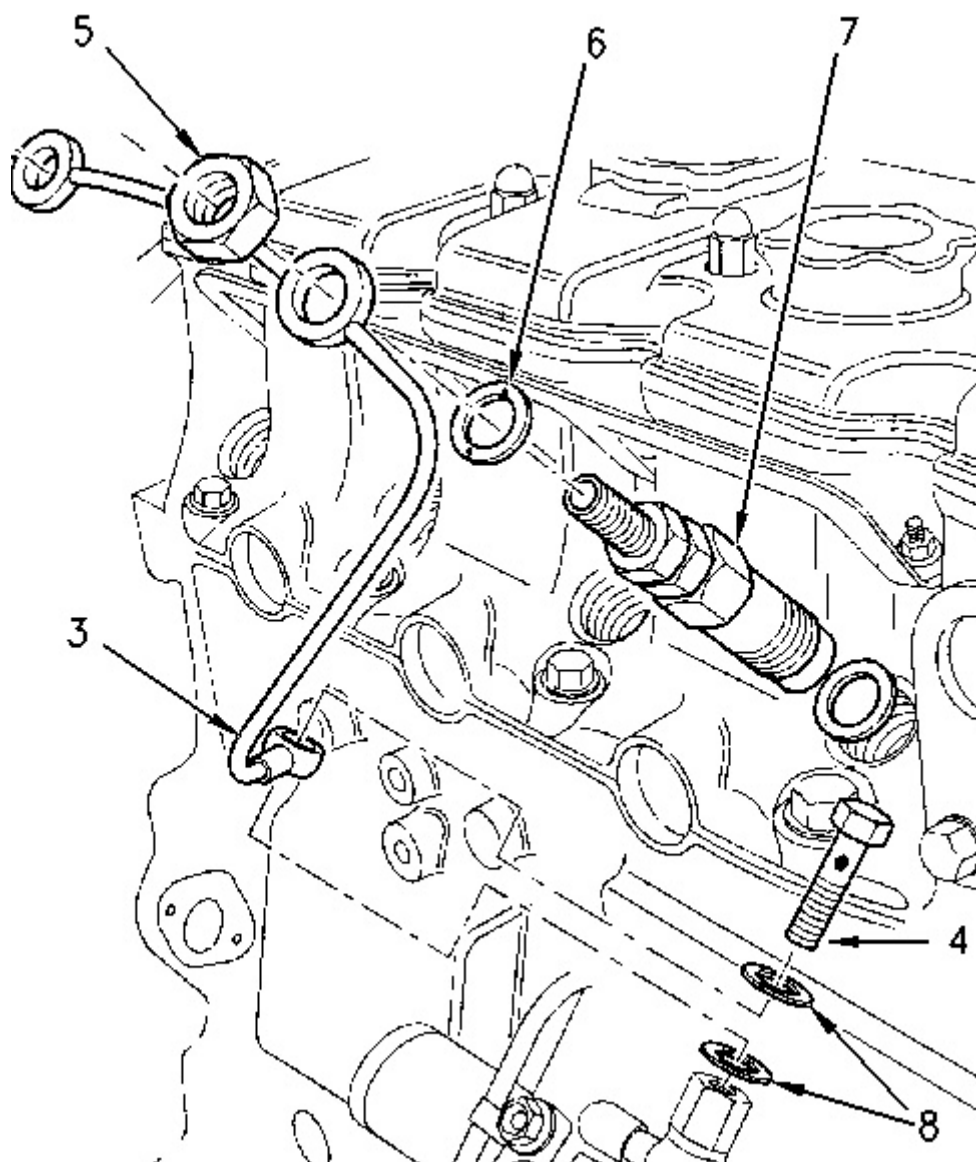


Illustration 2

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5. Remove washers (8) from fuel return line (3) .
6. Remove nut (5) from fuel injection nozzles (7).
7. Remove fuel return line (3) from the engine and remove washers (6) from fuel injection nozzles (7).

## Installation Procedure

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### NOTICE

**Keep all parts clean from contaminants.**

**Contaminants may cause rapid wear and shortened component life.**

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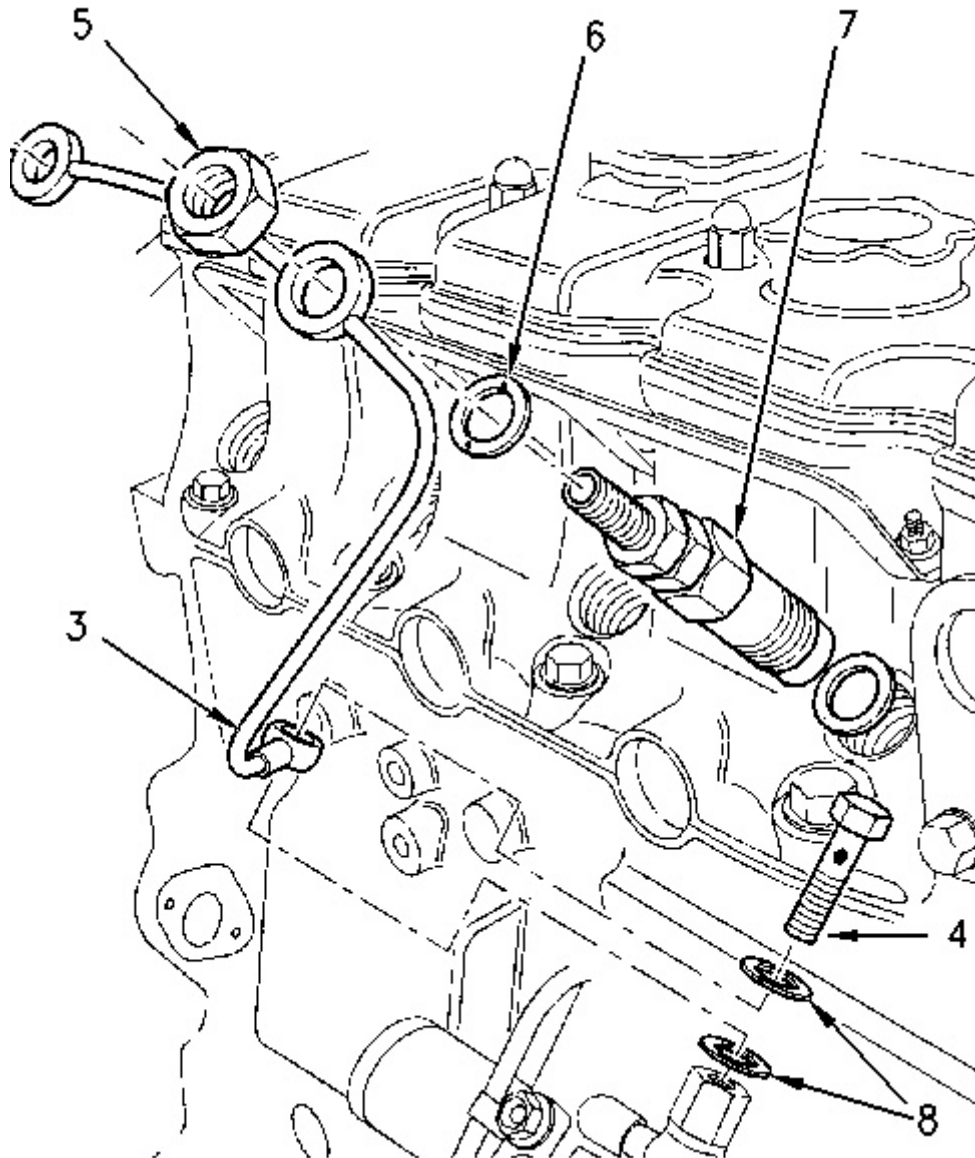
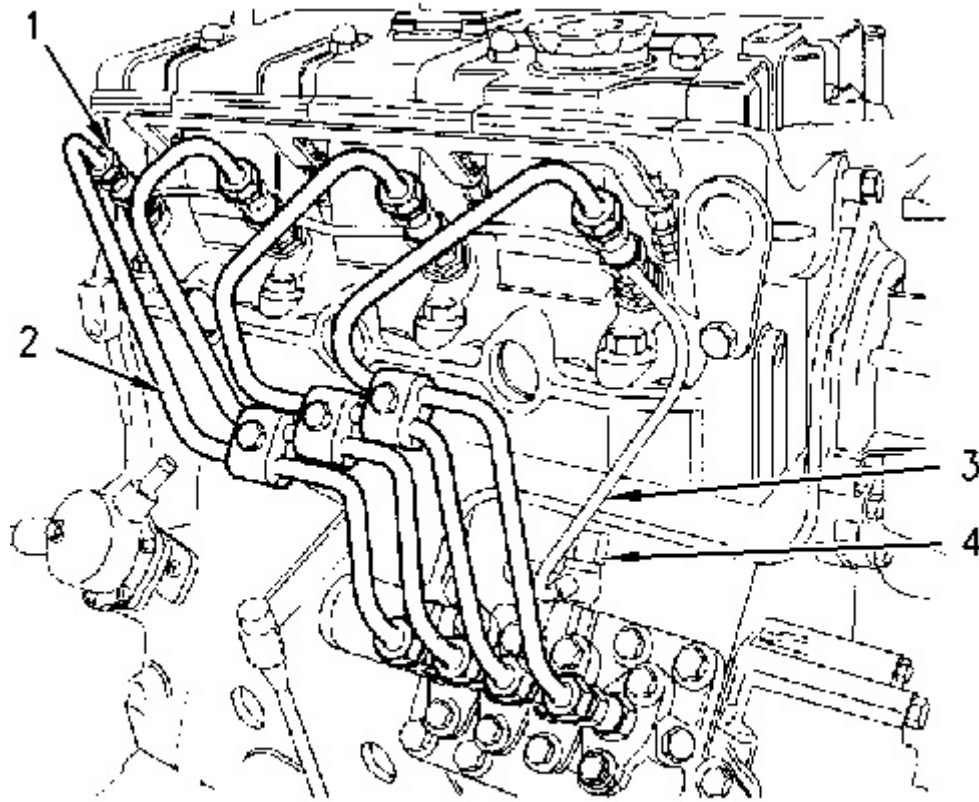


Illustration 3

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1. Install new washers (6) to fuel injection nozzles (7) and install fuel return line (3) to the fuel injection nozzles.
2. Install nuts (5) to fuel injection nozzles (7) .  
  
Tighten the nuts to a torque of 27 N·m (20 lb ft).
3. Install new washers (8) to fuel return line (3) and install banjo bolt (4) to the fuel injection pump. Tighten banjo bolt (4) to a torque of 2.5 N·m (22 lb in).



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Illustration 4

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4. Install fuel injection lines (2) on the engine as a unit.

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**The engine will be damaged if a defective fuel injection nozzle is used because the shape of fuel (spray pattern) that comes out of the nozzles will not be correct.**

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5. Connect fuel injection lines (2) to the fuel injection pump.

Tighten union nuts (1) to a torque of 23 N·m (17 lb ft).

6. Connect fuel injection lines (2) to fuel injection nozzles (7) .

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