

Product: MINI HYD EXCAVATOR

Model: 307E2 MINI HYD EXCAVATOR KC9

Configuration: 307E2 Mini Hydraulic Excavator KC900001-UP (MACHINE) POWERED BY C2.4 Engine

Disassembly and Assembly

C2.4 Tier 4 Final Engines for Caterpillar Built Machines

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i06521813

Fuel Injection Lines - Remove and Install

SMCS - 1252-010

Removal Procedure



Contact with high pressure fuel may cause fluid penetration and burn hazards. High pressure fuel spray may cause a fire hazard. Failure to follow these inspection, maintenance and service instructions may cause personal injury or death.

NOTICE

Care must be taken to ensure that fluids are contained during performance of inspection, maintenance, testing, adjusting and repair of the product. Be prepared to collect the fluid with suitable containers before opening any compartment or disassembling any component containing fluids.

Dispose of all fluids according to local regulations and mandates.

1. Turn the fuel supply to the OFF position.
 2. Turn the battery disconnect switch to the OFF position.
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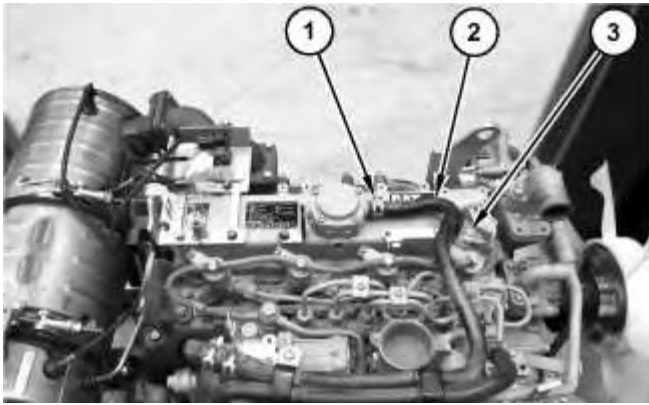


Illustration 1

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3. Remove bolt (3) and clamp (1). Disconnect hose assembly (2).

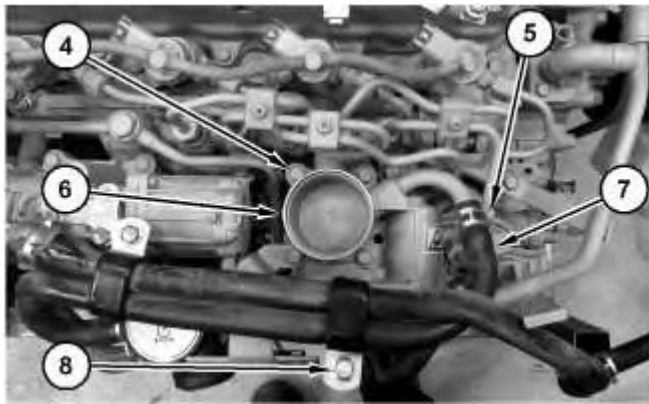


Illustration 2

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4. Remove bolt (8) and clamps (5). Disconnect hose assembly (7).
5. Remove bolts (4) and intake throttle valve (6).

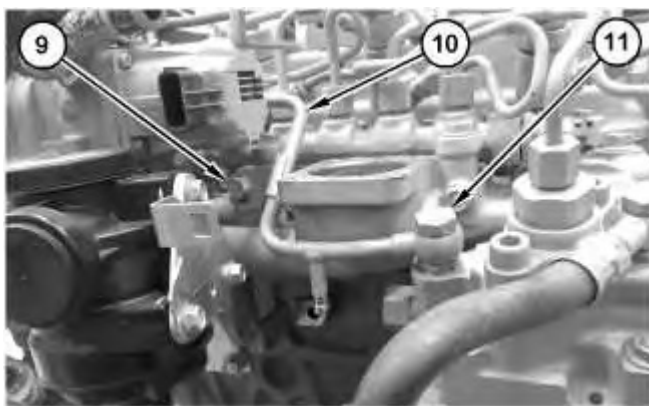


Illustration 3

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6. Remove bolt (9), bolt (11), and tube assembly (10).

Note: Cap and plug all fuel lines to prevent contaminating fuel system.

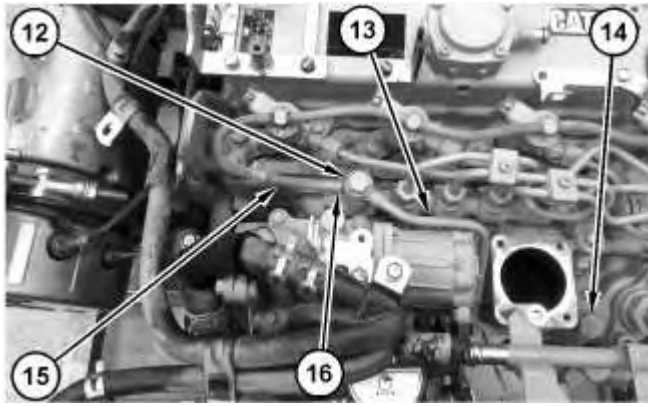


Illustration 4

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7. Remove clamp (16). Disconnect hose assembly (15).
8. Remove bolt (12), bolt (14), and tube assembly (13).

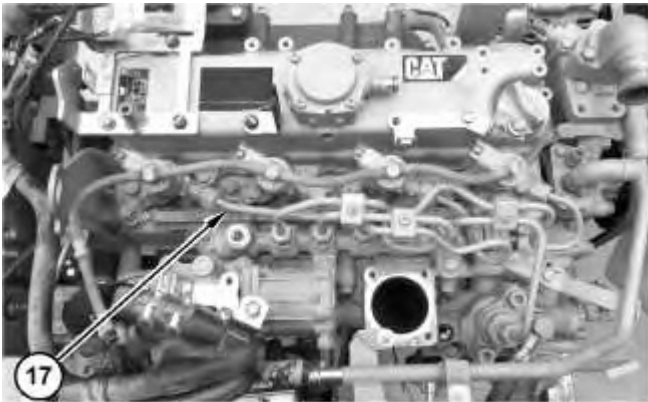


Illustration 5

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9. Remove fuel injection lines (17).

Note: Cap and plug all fuel lines to prevent contaminating fuel system.

Installation Procedure

1. Install fuel injection lines (17) in the reverse order of removal.
 - a. Tighten the retaining nuts of fuel injection lines (17) to a torque of 25 N·m to 29 N·m (221 lb in to 257 lb in).
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