



Service Repair Manual

Models

320D2 Excavator

Product: EXCAVATOR

Model: 320D2 EXCAVATOR TDN

Configuration: 320D2 & 320D2 L Excavators TDN00001-UP (MACHINE) POWERED BY C7.1 Engine

Disassembly and Assembly C7.1 (Mech) Engines for Caterpillar Built Machines

Media Number -UENR0674-08

Publication Date -01/06/2015

Date Updated -23/01/2017

i06257871

Fuel Injection Lines - Remove

SMCS - 1252-011

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	422-7170	Capping Kit	1
B	367-2771	Injector Pipe Nut Tool	1



WARNING

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

Ensure that all adjustments and repairs that are carried out to the fuel system are performed by authorized personnel that have the correct training.

Before beginning ANY work on the fuel system, refer to Operation and Maintenance Manual, "General Hazard Information and High Pressure Fuel Lines" for safety information.

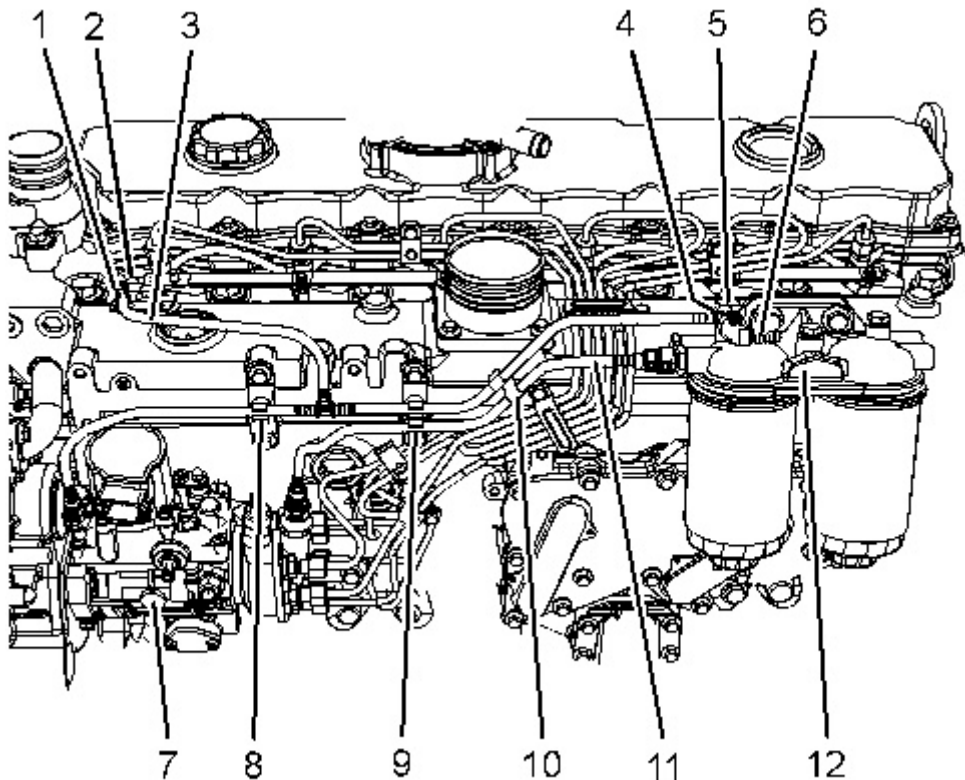
Refer to System Operation, Testing and Adjusting, "Cleanliness of Fuel System Components" for detailed information on the standards of cleanliness that must be observed during ALL work on the fuel system.

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. Disconnect hose assembly (2) from the fuel injector. Remove plastic tube assembly (3) from clip (1) .
 3. Use Tooling (A) to cap the fuel injector. Use Tooling (A) to plug hose assembly (2) .
 4. Disconnect hose assembly (6) from the connection on plastic tube assembly (3) .
 5. Use Tooling (A) to cap the connection on plastic tube assembly (3) . Use Tooling (A) to plug hose assembly (6) .
 6. Remove banjo bolt (5) and remove sealing washers (4) (not shown).
 7. Use Tooling (A) plug plastic tube assembly (3) . Use Tooling (A) plug fuel filter base (12) .
 8. Remove clip (10) from plastic tube assembly (3) and plastic tube assembly (11) .
 9. Remove plastic tube assembly (3) and plastic tube assembly (11) from clip (8) and clips (9) .
 10. Disconnect plastic tube assembly (11) from fuel filter base (12) .
 11. Use Tooling (A) plug fuel filter base (12) . Use Tooling (A) cap plastic tube assembly (11) .
 12. Disconnect plastic tube assembly (3) and plastic tube assembly (11) from fuel injection pump (7) .
 13. Use Tooling (A) to cap the connections on fuel injection pump (7) .
 14. Use Tooling (A) to plug plastic tube assembly (3) and plastic tube assembly (11) .
-

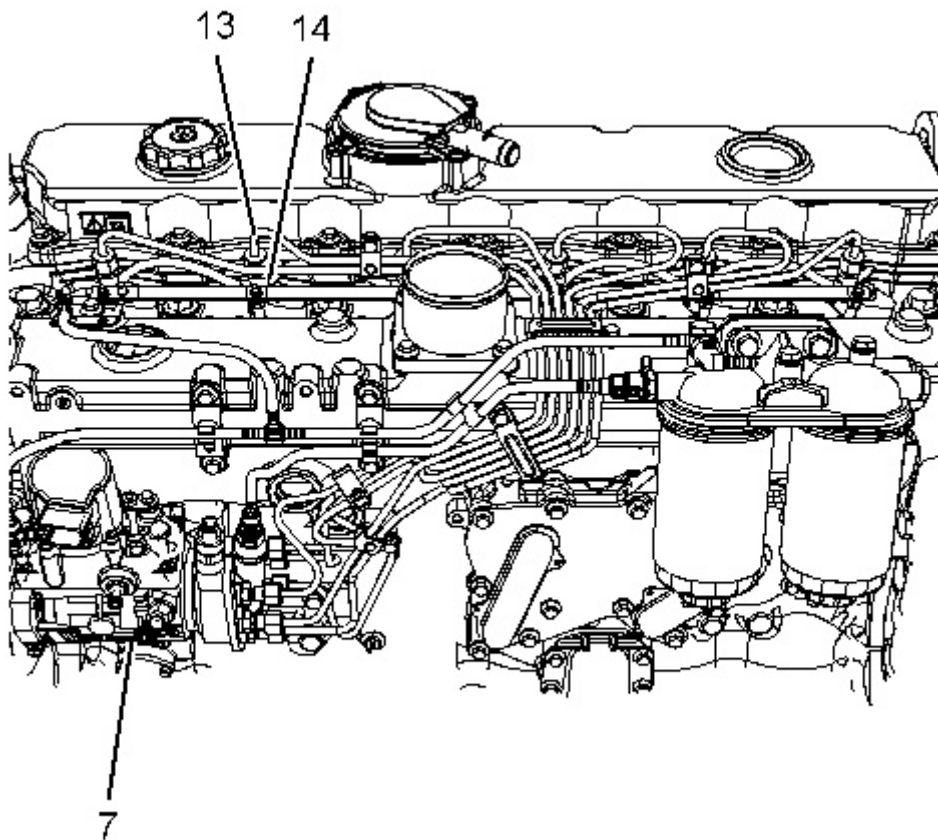


Illustration 2

g02692736

15. Disconnect fuel injection lines (13) from fuel injectors (14) .
 16. Use Tooling (B) in order to disconnect fuel injection lines (13) from fuel injection pump (7) .
 17. Remove fuel injection line (13) as an assembly.
 18. Use Tooling (A) in order to cap ports of fuel injectors (14) .
 19. Use Tooling (A) in order to cap ports of fuel injection pump (7) .
-

Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com