

Priming Fuel System, D12D Engine

Please read the following updated information regarding Priming the Fuel System. Disregard information on page 109 of the current Operator's Manual, Publication no. PV776-20707968 (07.2004) and page 106 of the current Maintenance & Engine Manual, Publication no. PV776-20707967 (07.2004).

1.



DANGER

Before working on or inspecting a vehicle, set the parking brakes, place the transmission in neutral and block the wheels. Failure to do so can result in unexpected vehicle movement and can cause serious personal injury or death.

2.



DANGER

To avoid potential fire hazard, do not service any part of the fuel system while smoking or in the presence of flames, sparks or hot surfaces, or when working on an operating engine. Failure to follow these precautions can result in fire. To guard against burns from direct contact with hot fuel, wear adequate protective clothing (face shield, heavy gloves and apron, etc.) when working on a hot engine.

3.



DANGER

DO NOT work near the fan with the engine running. The engine fan can engage at any time without warning. Anyone near the fan when it turns on could be seriously injured. Before turning on the ignition, be sure that no one is near the fan.



WARNING

Hot engine. Keep yourself clear of all hot engine parts and/or fluids. A hot engine and/or fluids can cause serious burns.



CAUTION

When priming the system, movement of the primer pump should be as "up and down" as possible. Avoid putting any side load on the pump or causing a binding condition. Failure to follow these instructions could prematurely damage the primer.

2 Addendum, Maintenance

4.

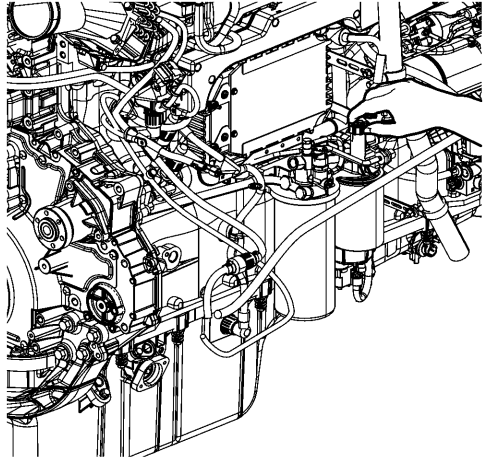
- Unlock the hand pump by turning the handle counter-clockwise.
- Pump the hand primer until the force of pumping increases.

Note: When the fuel system is empty, 200 or more pump strokes may be needed to properly prime system.

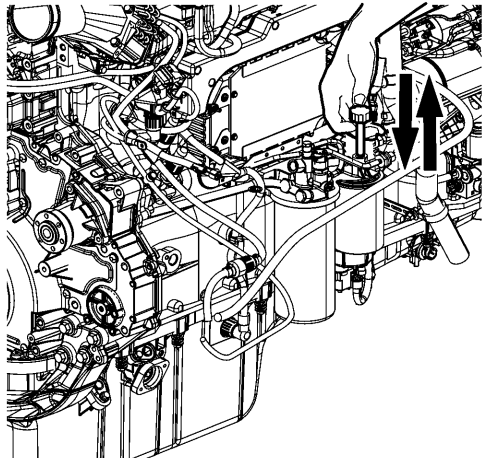
Note: There are NO bleed nipples to be opened to prime the fuel system.

- Lock the hand primer pump by retracting it into the housing and turning it clockwise.
- Start the engine and run it at an increased idle speed for approximately 5 minutes to remove any remaining air in the system.
- Check the fuel system for leaks.

Note: If the engine does not start following this procedure, contact your local Volvo Truck dealer.



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