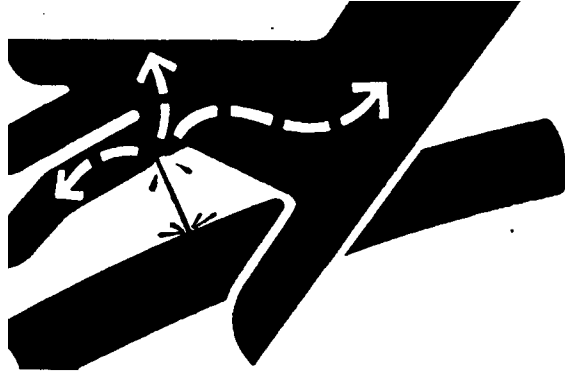


## Bleed Fuel System

**CAUTION:** Escaping fluid under pressure can penetrate the skin causing serious injury. Avoid the hazard by relieving pressure before disconnecting hydraulic or other lines. Tighten all connections before applying pressure. Search for leaks with a piece of cardboard. Protect hands and body from high pressure fluids.



If an accident occurs, see a doctor immediately. Any fluid injected into the skin must be surgically removed within a few hours or gangrene may result. Doctors unfamiliar with this type of injury should reference a knowledgeable medical source. Such information is available from Deere & Company Medical Department in Moline, Illinois, U.S.A.

### REASON:

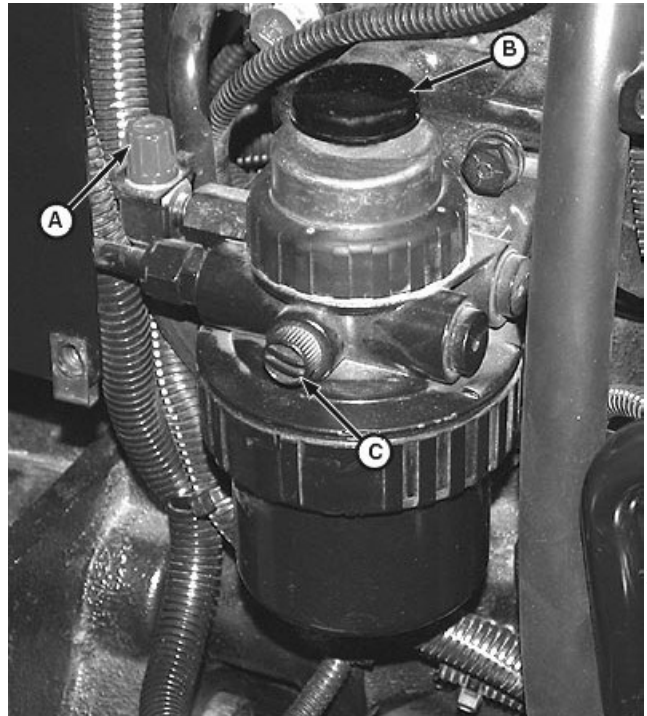
If the fuel system has been serviced (lines disconnected or filter removed); air must be bled from the system.

**IMPORTANT:** Do not attempt to start engine while bleeding fuel system. Injection pump can be damaged.

### PROCEDURE:

Check that fuel level in tank is adequate.

1. Open fuel shut-off valve (A) at fuel filter.
2. Open filter bleed plug (C).
3. Operate supply pump primer (B) until air-free fuel flows from plug. Tighten plug (C) securely.
4. Start engine and check for leakage. If engine will not start, it may be necessary to bleed air from fuel system at fuel injection pump or injection nozzles as explained next.



Slide LV4475

A—Fuel Shut-Off  
B—Fuel Pump Primer  
C—Filter Bleed Plug

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LV4475 -UN-29OCT99

220  
15  
32

5. Slightly loosen fuel line (A) at fuel injection pump.
6. Operate primer on fuel filter until air-free fuel flows from line (A). Tighten line to specification.

**Specification**

Fuel Injection pump line—Torque ..... 16 N•m (12 lb-ft)

7. Loosen fuel line connection (B) at injection nozzle.

8. Crank engine with starter motor but do not start engine), until air-free fuel flows from connection. Tighten fuel line connection (B) to specification.

**Specification**

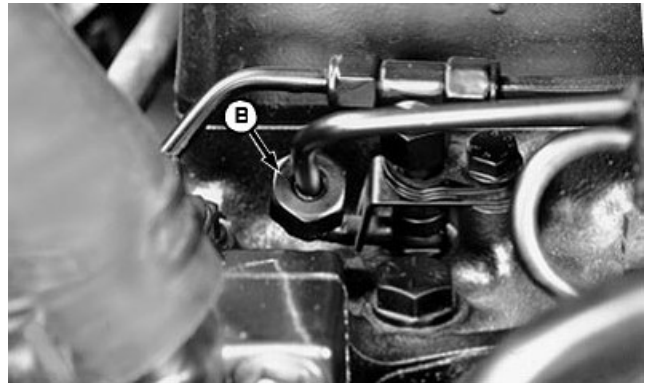
Fuel Injection Nozzle Line Nuts—

Torque ..... 27 N•m (20 lb-ft)



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Slide LV4476



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