

Disassembly & Assembly

3408 & 3412 High Performance Marine Engines

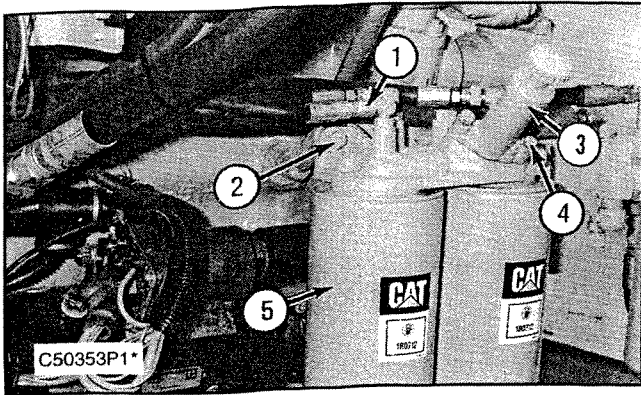
8RG1-UP
3JK1-UP
7BL1-UP



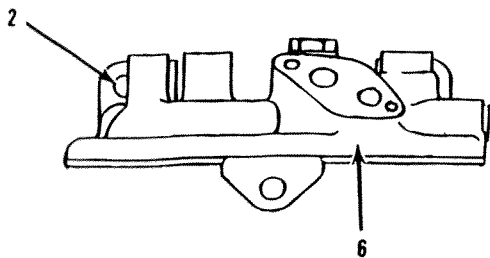
Fuel Priming Pump & Secondary Fuel Filter Base

Remove & Install Fuel Priming Pump & Secondary Fuel Filter Base 1258-010

Tools Needed		A
2P8250	Strap Wrench	1



1. Turn the fuel supply valve to the "OFF" position. Remove two bolts (4).
2. Remove fuel priming pump (3) and the gasket.
3. Remove two fuel filters (5) with Tool (A) from the fuel filter base.
4. Mark for identification and disconnect fuel lines (1). Put caps and plugs on the connections.



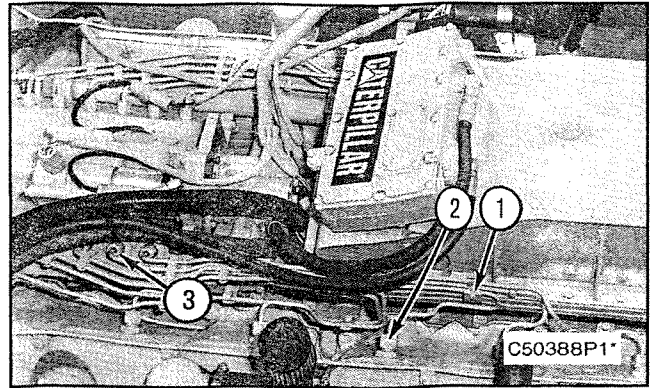
C50028P1*

5. Remove two bolts (2) and remove fuel filter base (6).
6. Install in reverse order.

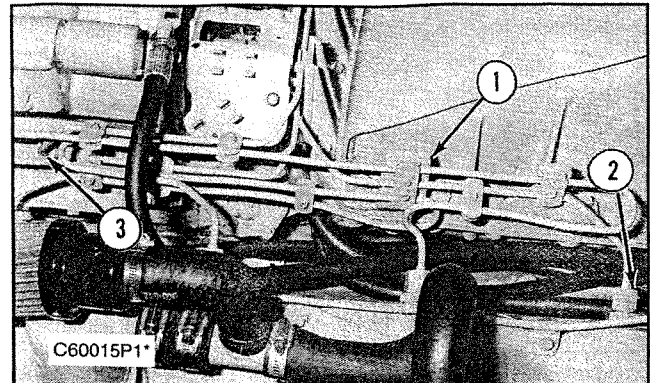
Fuel Injection Lines

Remove & Install Fuel Injection Lines 1252-010

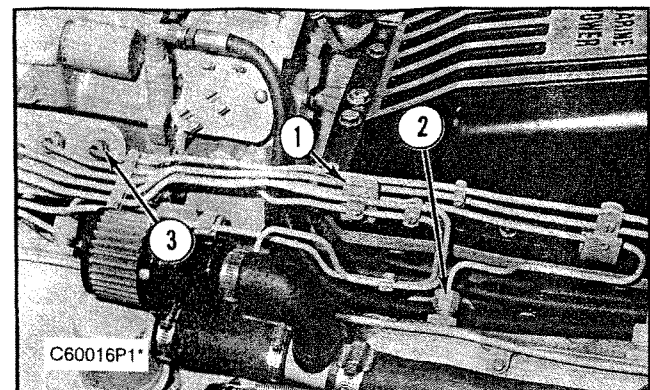
Tools Needed		A
5P0144	Socket	1



Earlier Engine



Later 3408 Engine



Later 3412 Engine

1. Disconnect nuts (2) from the valve cover bases.

2. Use Tool (A) to disconnect nuts (3) from the fuel injection pump housing.
3. Remove the bolts that hold brackets (1) to the engine.
4. Remove the fuel injection lines as a unit. Put plugs and caps over all openings.

NOTE: The following steps are for installing the fuel injection lines.

5. Remove the plugs and caps. Install the fuel injection lines as a unit.
6. Hand tighten nuts (3) to the fuel injection pump housing. Hand tighten nuts (2) to the valve cover bases.
7. Install the bolts that hold brackets (1) to the engine.
8. Use Tool (A) to tighten fuel line nuts (3) to a torque of $41 \pm 7 \text{ N}\cdot\text{m}$ ($30 \pm 5 \text{ lb ft}$).
9. Tighten nuts (2) to a torque of $41 \pm 7 \text{ N}\cdot\text{m}$ ($30 \pm 5 \text{ lb ft}$).
10. Remove (bleed) the air from the fuel system.

NOTE: If it is necessary to loosen any of the fuel line clamps, retorque the screws to $2.26 \text{ N}\cdot\text{m}$ (20 lb in).

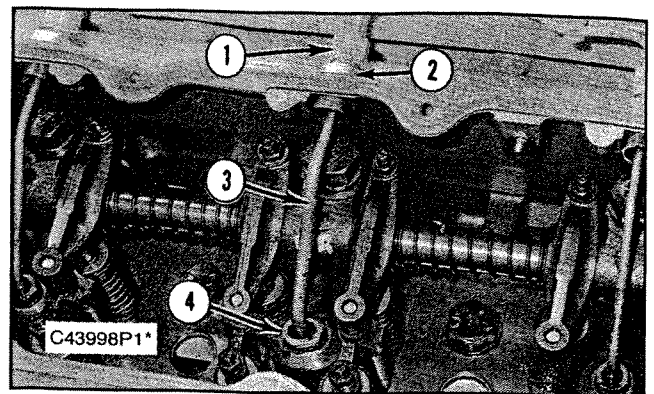
Fuel Injection Nozzles & Adapters

Remove & Install Fuel Injection Nozzles & Adapters 1254-010

Tools Needed		A	B	C	D	E
5P144	Socket	1				
8T3139	Spanner Wrench		1			
6V7020	Nozzle Puller Group			1		
1U9725	Wrench				1	
6V4979	Seal Tool					1

Start By:

- a. remove valve cover



1. Disconnect fuel line nut (1). Remove nut (2) and the O-ring seal. Use Tool (A) to disconnect fuel line nut (4) and remove fuel line assembly (3).

NOTICE

Put protection caps on all fuel line openings.