



Illustration 6

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- | | |
|------------------------|--|
| (1) Fuel transfer pump | (6) Oil filter |
| (2) Oil filter cap | (7) Oil pan |
| (3) Fuel filter | (8) Crankshaft pulley |
| (4) Starter motor | (9) Water pump |
| (5) Dipstick | (10) Water temperature regulator housing |

102211831

Fuel System

The Delphi DP210 or the Delphi DPG fuel injection pump is installed on the 1104 engine and the 1103 engine. The Delphi STP fuel injection pump is installed on the 1103 engine only. The Delphi DPA or the Bosch EPVE fuel injection pump is installed on the 1104 engine only.

The fuel transfer pump draws fuel from the fuel tank and through the water separator. When the fuel goes through the water separator, any water in the fuel will go to the bottom of the bowl. The fuel transfer pump sends the fuel at a low pressure to the fuel filter. From the fuel filter, the fuel goes through the supply line to the fuel injection pump.

The fuel injection pump sends fuel through the high pressure fuel line to each of the fuel injectors. The fuel injector sprays the fuel into the cylinder. Fuel that is not injected flows through the fuel return line to the top of the fuel filter, back to the fuel tank.

Perkins 2500 Series Generator Service Manual

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