

Group 15 HYDRAULIC PUMP

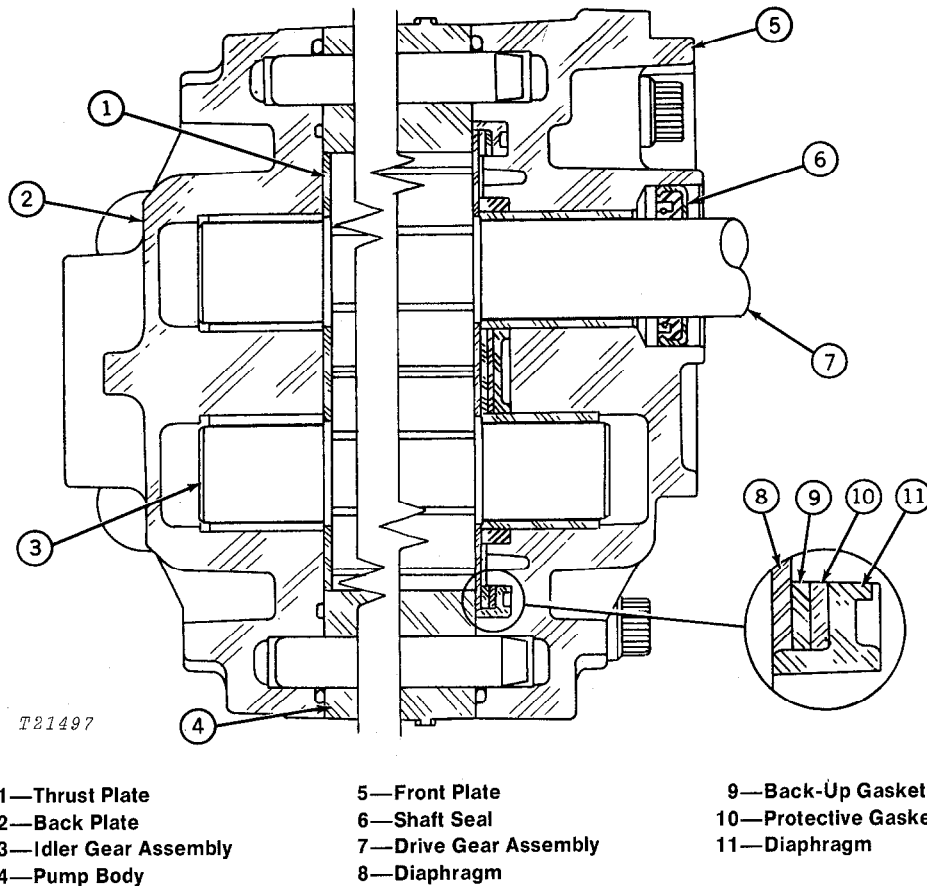


Fig. 1-Hydraulic Pump (23 gpm Pump Illustrated)

GENERAL INFORMATION

The hydraulic pump is a positive-displacement, gear-type pump mounted at the front of the engine block.

The pump may be manually connected or disconnected whether the engine is running or stopped.

When connected, the pump is driven by the crankshaft and operates whenever the engine is running.



Refer to "Gear-Type Pumps" in FOS Manual-HYDRAULICS for additional description and theory of operation.

DIAGNOSING MALFUNCTIONS

No Pump Output Or Low Flow

- Pump worn or damaged.
- Test pump against specifications.

Shaft Seal Leaking

- Worn shaft seal.
- Replace shaft seal.
- Broken diaphragm "vee" seal or backup gasket.
- Repair pump.
- Excessive internal leakage.
- Repair pump.

Noisy Pump

- Pump worn or damaged.
- Test pump against specifications.
- Low oil supply or oil of wrong viscosity
- Fill reservoir with proper oil.
- Suction line plugged or pinched
- Clean or replace line.