

FORESTRY PACKAGE CONTROL VALVE CIRCUIT RELIEF VALVE TEST AND ADJUSTMENT

SPECIFICATIONS

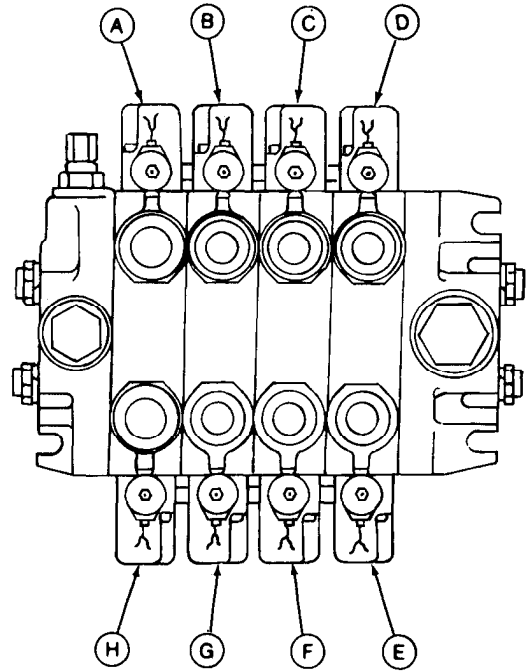
Oil Temperature50 ± 5°C (120 ± 10°F)
 Engine Speed Fast Idle

With mode select switch off.

Relief Valve	Pump	Pressure
A—Saw Reverse	Both	24140 ± 1030 kPa
B—Grab Open	Rear	(241 ± 10 bar)
C—Accumulator Open	Rear	(3500 ± 150 psi)
D—Tilt Right	Rear	
E—Tilt Left	Rear	
F—Accumulator Close	Rear	
G—Grab Close	Rear	
H—Saw Forward	Both	

With mode select switch on.

Relief Valve	Pump	Pressure
A—Saw Reverse	Both	24 140 ± 1030 kPa
B—Grab Open	Both	(241 ± 10 bar)
C—Accumulator Open	Rear	(3500 ± 150 psi)
D—Tilt Right	Rear	
E—Tilt Left	Rear	
F—Accumulator Close	Rear	
G—Grab Close	Both	
H—Saw Forward	Both	



T6858AH

ESSENTIAL TOOLS

TH101059 Adapter (2 required)

SERVICE EQUIPMENT AND TOOLS

- Tachometer/Temperature Reader
- Gauge 0—69 000 kPa (0—700 bar) (0—10 000 psi)
- 17 mm Combination Wrench
- Flat Blade Screw Driver

1. Stop machine and release air from hydraulic reservoir through air release plug.

NOTE: Roto saw installation requires removal of circuit relief on saw reverse and installation of a pressure compensated fixed leak to return. (This provides saw motor seal protection for forestry head)

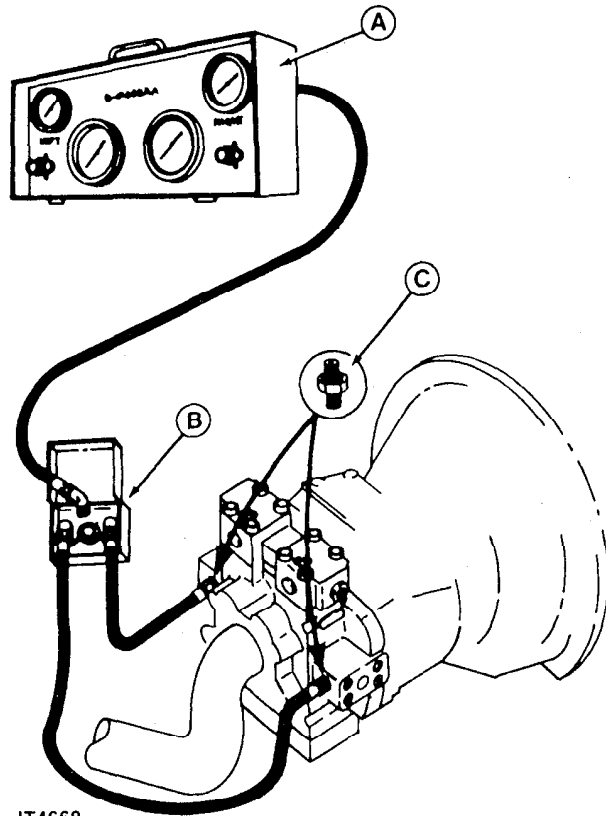
2. Install test fitting, switching box and pressure gauges as illustrated.

3. Place mode switch in "Power" position auto-idle "Off."

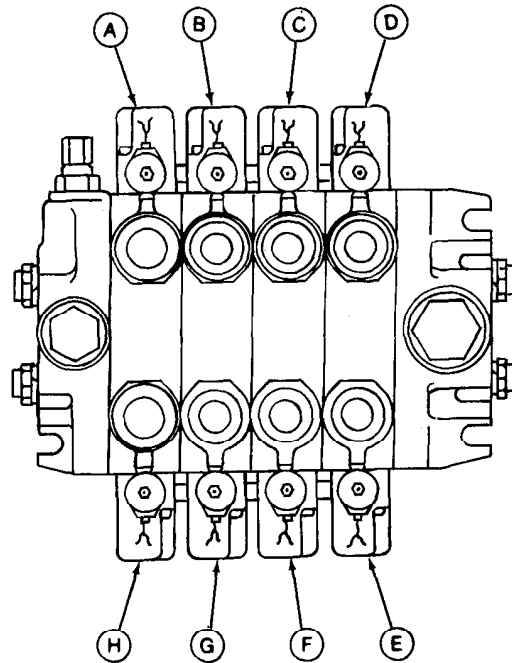
4. Pressurize reservoir by raising boom to full height and then lowering. Heat hydraulic oil to specified temperature by holding the boom raise function over relief.

5. Operate machine as specified.

6. Operate functions to be tested and adjust.



IT4669



T6858AH

/IT4669 /T6858AH /002526 BB34 290688