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SPECIFICATIONS

6-1

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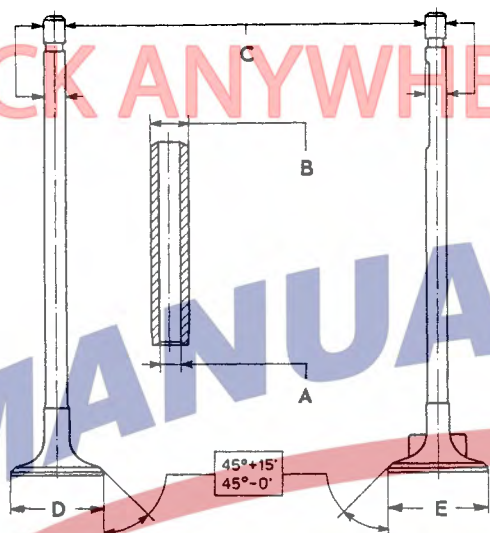


Fig. 1-10 Standard Valve and Guide Dimensions

A. After reaming with guides in place, .3146 to .3154 in (7.990 to 8.010 mm) - B. .5523 to .5527 in (14.028 to 14.039 mm) - C. .3120 to .3126 in (7.925 to 7.940 mm) - D. 1.4110 to 1.4173 in (35.840 to 36.000 mm) - E. 1.6079 to 1.6142 in (40.840 to 41.000 mm).



Fig. 1-11 Checking Valve Guide Wear with a Dial Indicator

Valve guide should be smooth. Check play in stem as shown in Figure 1-11. If play exceeds wear limits listed under Valve System Data, replace guide. When properly installed, guides should extend above head surface .5118 in. (13 mm) (A, Fig. 1-12).

NOTE — Oversize valve guides (.0031 in. — 0.08 mm) are available.

Check valve spring tension.

Tension specifications are listed under Valve System Data.

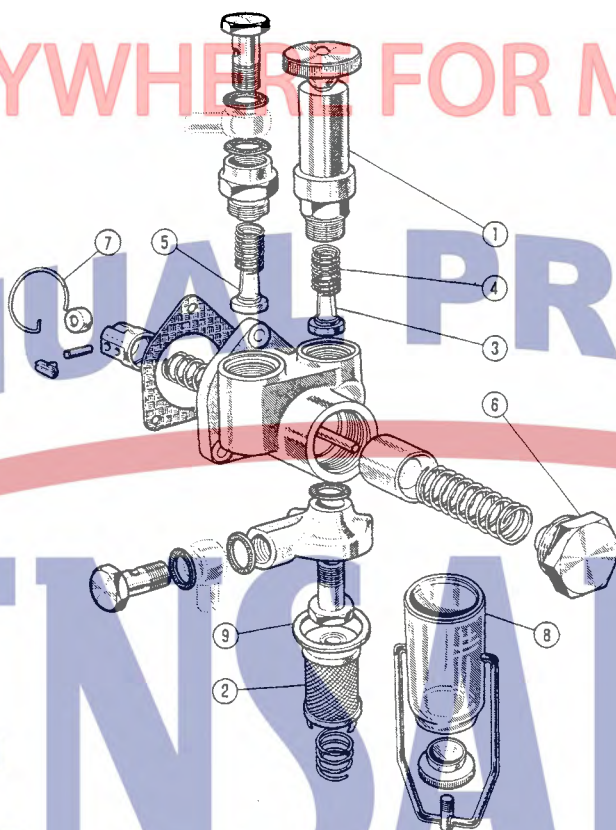


Fig. 1-27 Fuel Pump Exploded View

1. Hand priming pump - 2. Filtering element - 3. Suction valve - 4. Valve spring - 5. Delivery valve - 6. Plug - 7. Retension ring - 8. Sediment bowl - 9. Gasket.

FUEL PUMP DISASSEMBLY

Piston type fuel pump works off injection pump shaft.

Disassembly.

Remove hand priming pump (1, Fig. 1-27) and fuel filter.

Remove delivery valve (5).

Remove internal pump parts.

Remove tappet.

Operations and notes.

Remove intake valve and its return spring (3, 4, Fig. 1-27).

Take off plug (6) and remove piston with its spring and Pressure regulator.

Remove stop ring from its seat on pump body and remove push rod.

ATTACHMENTS

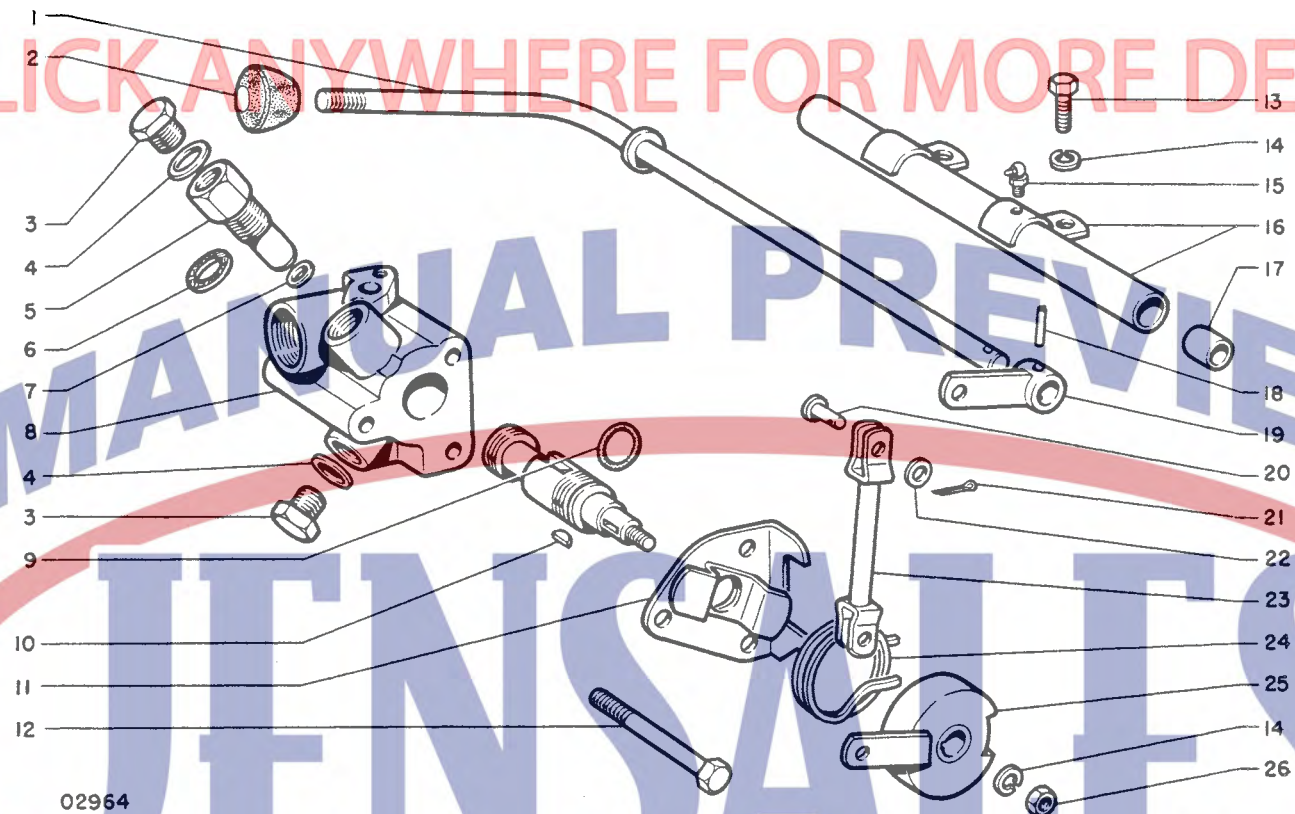


Fig. 5-14 Additional Power Outlet Unit Exploded View

1. Lever - 2. Knob - 3. Plug - 4. Gasket - 5. Double-acting cylinder connector - 6. Seal - 7. Gasket - 8. Body - 9. Gasket - 10. Key - 11. Cover - 12. Cap screw - 13. Cap screw - 14. Lock washer - 15. Fitting - 16. Pipe - 17. Bushing - 18. Pin - 19. Lever - 20. Pin - 21. Cotter pin - 22. Washer - 23. Rod - 24. Spring - 25. Lever - 26. Nut.

— check play between control valve spool and its bore within specified limits. Note that valve spool is not furnished for repairs, but only fitted to valve block bore;

— wash oil filter cartridge. Replace if found defective. Make sure that filter seat plug is securely welded to plate;

— replace oil seals for lift arm shaft and gaskets of covers; plugs and valve seats if they are not dependable;

— check sealing characteristics of discharge valve and of lift control valve (4, 2, Fig. 5-18). Grind seats if necessary and check spring performance;

— check setting of pressure limiting and safety valves by means of hand pump. If data does not correspond, replace valves, as component parts are not furnished separately for repairs.

SPECIFICATIONS

TRANSMISSION

	Thread (Metric)	*Loading in Ft. Lb.
Screws, PTO gear to support	M 10 x 1.5	50.5-54.2
Lock nut, straight drive gear to drive shaft	M 65 x 2	145
Lock nut, taper roller bearings to driven shaft	M 62 x 1.5	181
Screw, bevel gear to differential housing	M 12 x 1.25	79
Nut, stud, final drive to transmission casing	M 12 x 1.75	71-86.5
Nut final drive shaft to hub	M 39 x 4	723
Screw, steering arm to right-hand knuckle	M 14 x 1.5	87
Screw, steering arm to left-hand knuckle	M 14 x 1.5	87
Nut, steering knuckle to spindle	M 24 x 1.5	398-434
Screw, front wheel disc to hub	M 20 x 1.5	311-340
Screw, strut support to axle support	M 16 x 1.5	130-141
Nut, strut central pin	M 20 x 1.5	126.5-137
Screw, steering box top cover	M 10 x 1.25	29-32.5
Screw, steering box side cover	M 10 x 1.25	29-32.5
Screw, steering box to tractor	M 12 x 1.75	50.5
Stud, steering box and fuel tank to clutch housing	M 14 x 1.5	90.5
Self-locking screws, steering arm stop bracket to clutch housing	M 16 x 1.5	134-144.5

DRIVING PULLEY

	Thread (Metric)	*Loading in Ft. Lb.
Lock nut, driven bevel pinion	M 28 x 1.5	144.5

HYDRAULIC LIFT

	Thread (Metric)	*Loading in Ft. Lb.
Safety valve, cylinder pressure		22-29
Plug, discharge valve		43.5-50.5
Nuts, lift body rear cover	12 x 1.5	65-72
Screws, control spring to lift cover	16 x 1.5	181-195
Screws, fork lever to top link bracket	10 x 1.25	29-32.5
Screws, control spring to top link bracket:		
For adjustment purposes		58-72
Final tightening	16 x 1.5	181-195
Nuts, lift arms to shaft	14 x 1.5	87-94
Nuts, lift body to tractor	14 x 1.5	72.5-79.5
Screws, lift body to tractor	14 x 2	76-83

*Dip in oil prior to tightening.