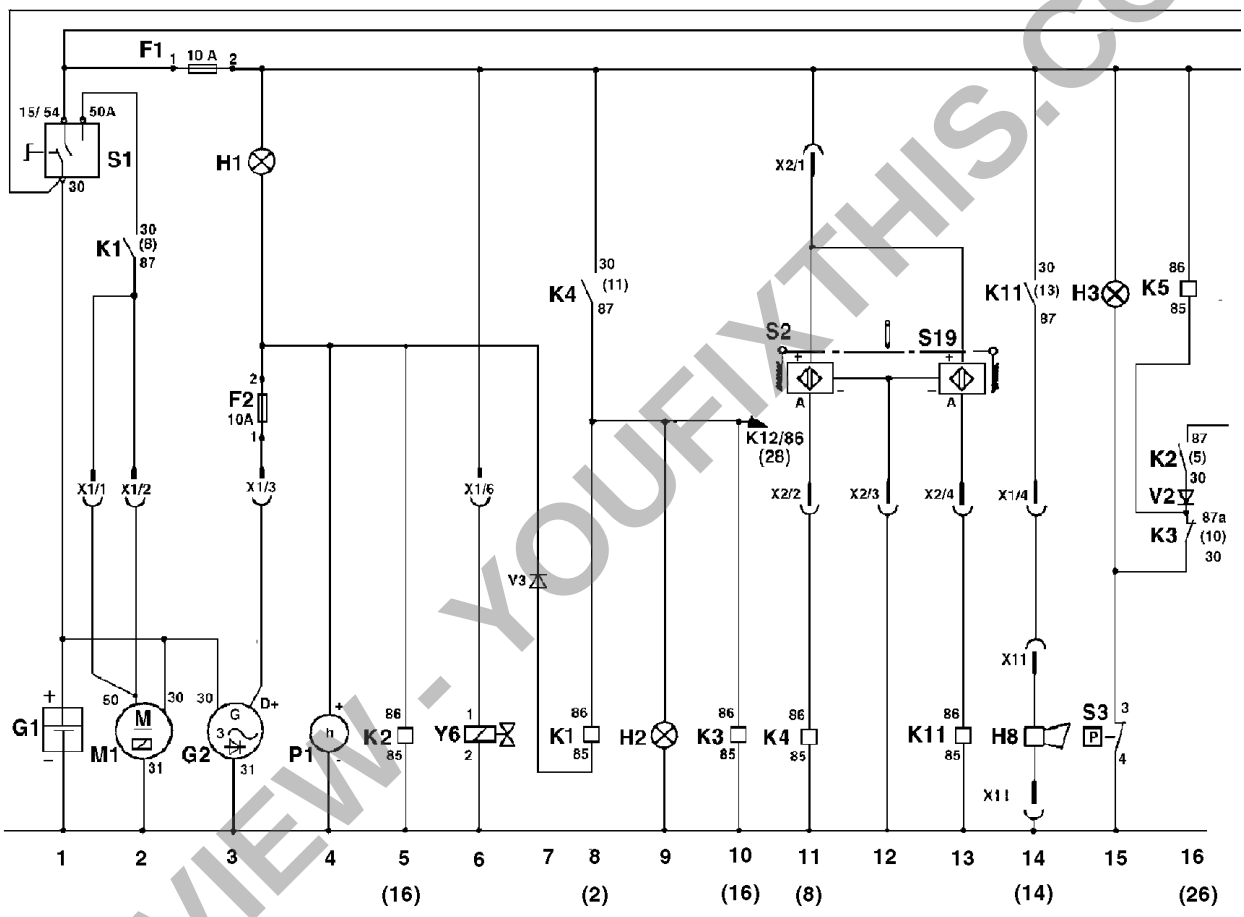
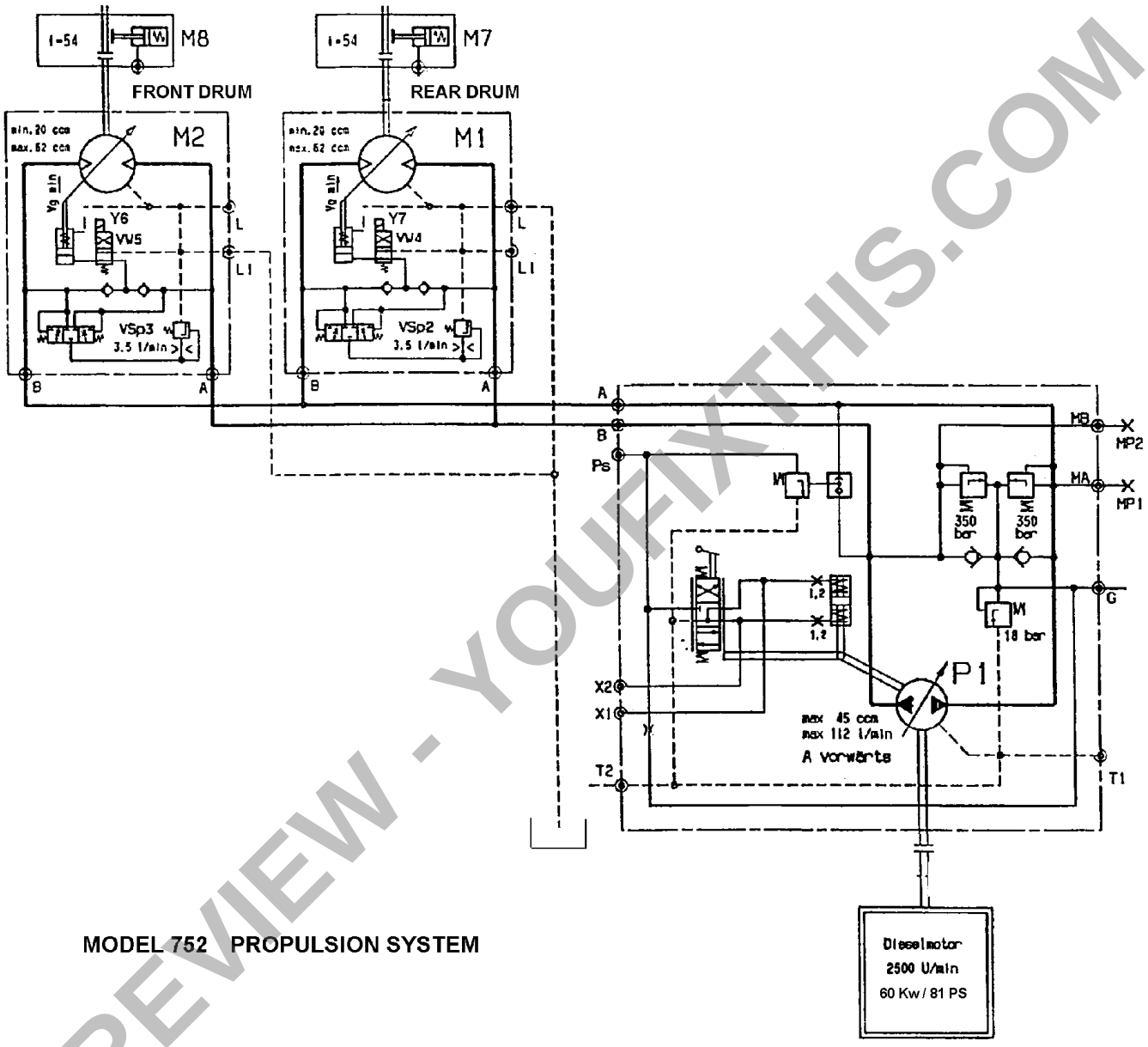
UNDERSTANDING ELECTRICAL SCHEMATICS



PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com



MODEL 752 PROPULSION SYSTEM

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

STANDARD TORQUE DATA

Where no special torque data is specified, the following torque figures should be applied. Threads should be lubricated with engine oil or grease.

STANDARD TORQUE SPECIFICATIONS +/- 10%

	GRADE 8.8		GRADE 10.9		GRADE 12.9	
SIZE	ft-lbs	Nm	ft-lbs	Nm	ft-lbs	Nm
5mm	4	5.5	5.5	7.5	6.6	9
6mm	6.6	9	9.2	12.5	11	15
8mm	16.5	22.5	23	31.5	26.5	36
10mm	32	44	45	62	55	75
12mm	57	77.5	81	110	95	130
14mm	88	120	125	170	155	210
16mm	140	190	195	265	236	320
18mm	192	260	269	365	320	435
20mm	273	370	383	520	457	620
22mm	369	500	516	700	619	840
24mm	471	640	665	900	796	1080
27mm	702	950	996	1350	1195	1620
30mm	955	1300	1328	1800	1593	2160

NUTS FOR TUBES AND HOSES

DIAMETER & PITCH	NEWTONS/METER	POUNDS/FOOT
16MM X 1.5	20	14.5
18MM X 1.5	35	26
20MMX1.45	45	33.2
24MM X 1.5	60	44

FITTINGS, CONNECTIONS AND PLUGS

DIAMETER & PITCH	NEWTONS/METER	POUNDS/FOOT
10MM X 1	20	14.5
12MM X 1.5	35	26
14MM X 1.5	45	33.2

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

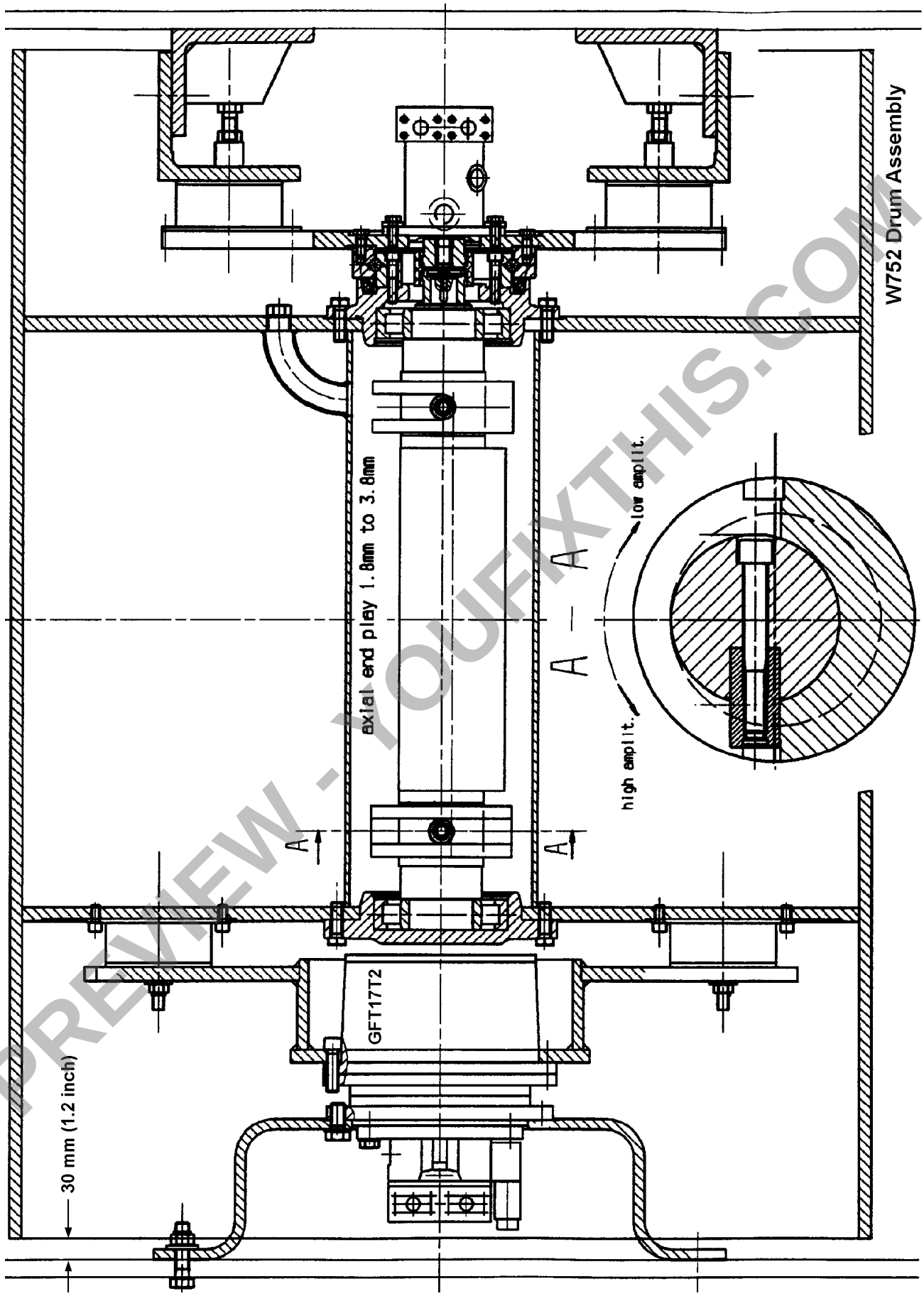
ENGINE REMOVAL

The following procedure is written for engine removal in the upward direction through the machine's floor opening.

1. Place the machine on a hard level surface and block the front and rear drums.
2. Unlock the battery box cover.
3. Disconnect the battery's negative (-) cable from the battery.
4. Disconnect the battery's positive (+) cable from the battery.
5. Remove the battery from the battery box.
6. Remove the seat frame and battery box.
7. Remove all floor panels.
8. Remove all floor panel support frames.
9. Unlock and remove the machine's left side door.
10. Remove the machine's front access panel.
11. Remove the machine's right side access panel.
12. Disconnect the exhaust pipe from the exhaust manifold.
13. Remove the air intake hoses.
14. Remove the capscrews holding the steering/charge pump adapter to the engine. Disengage the pump from the engine drive and move the pump clear of the engine. Leave the hoses connected to the pump.
15. Tag and disconnect the electrical wires from the engine temperature sensor.
16. Drain the engine coolant system.
17. Remove the upper and lower radiator hoses.
18. Remove the capscrews holding the radiator cowling. Lift the cowling toward the engine to access the fan capscrews.
19. Remove the fan and fan spacer. **NOTE THE DIRECTION OF THE FAN PITCH PRIOR TO REMOVAL.** Remove the radiator cowling.

PREVIEW - YOUFIXTHIS.COM

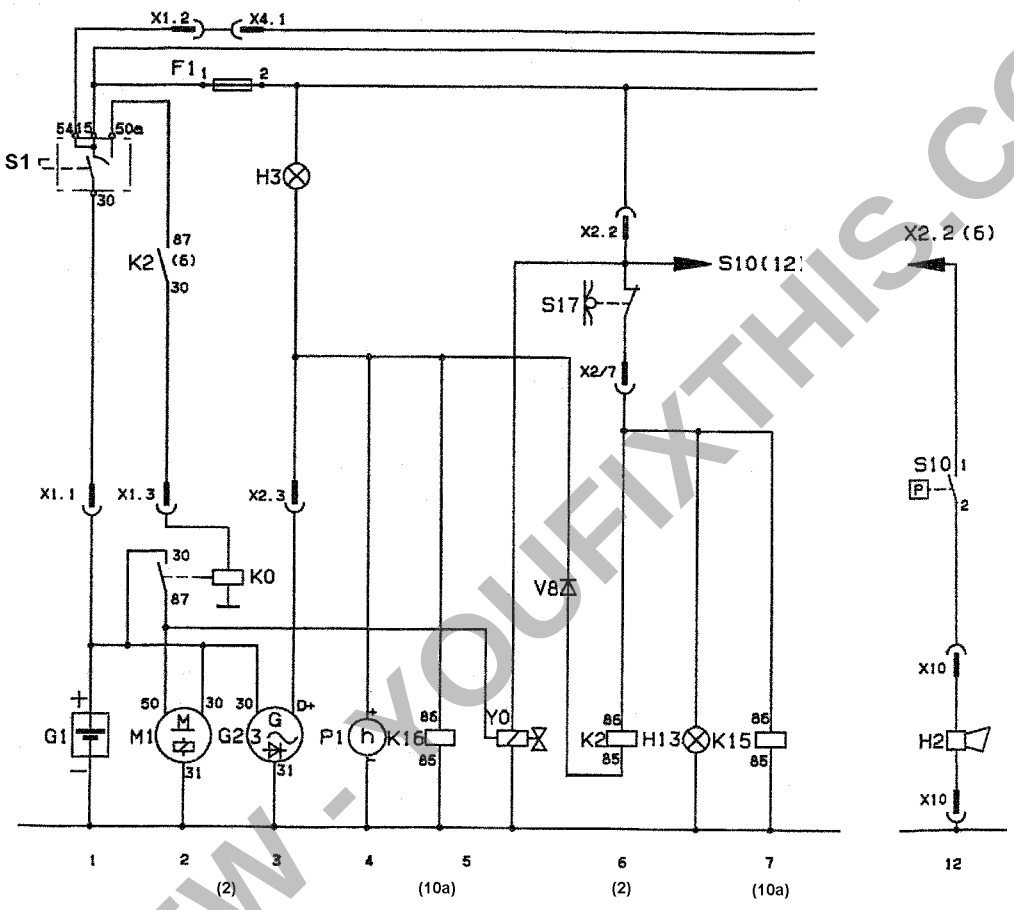
Download full manual at youfixthis.com



PREVIEW - YOUFIXTHIS.COM

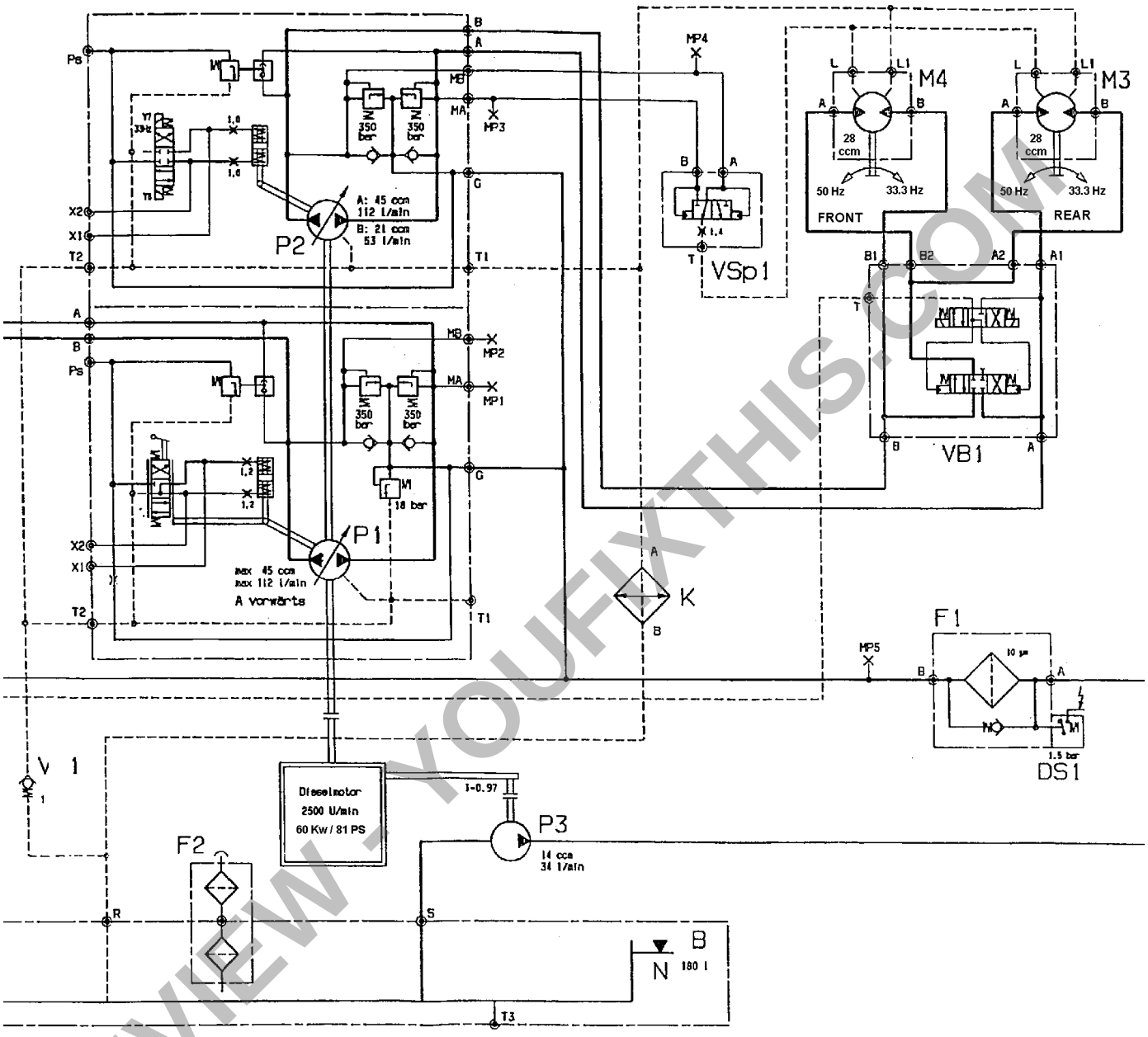
Download full manual at youfixthis.com

752 Starter & Charge Circuits



PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com



MODEL 752 VIBRATION SYSTEM

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

FITTINGS, CONNECTIONS AND PLUGS

DIAMETER & PITCH	NEWTONS/METER	POUNDS/FOOT
16MM X 1.5	60	44
18MM X 1.5	70	51
22MM X 1.5	100	73
27MM X 2	200	147
33MM X 2	280	207
42MM X 2	380	281

FLANGES

DIAMETER & PITCH	NEWTONS/METER	POUNDS/FOOT
8MM X 1.5	28	21
10MM X 1.5	55	41
12MM X 1.75	90	67
14MM X 2	145	107
16MM X 2	230	170

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

DRUM REMOVAL

1. Disconnect, tag, and cap the hydraulic lines for the drum drive motor on the left side of the machine. Plug the motor ports.

NOTE: IF ONLY WORKING ON THE DRIVE MOTOR SIDE OF THE DRUM THE SIDE FRAME CAN BE REMOVED FOR ACCESS TO THE DRIVE MOTOR, GEARBOX, OR PLATES.

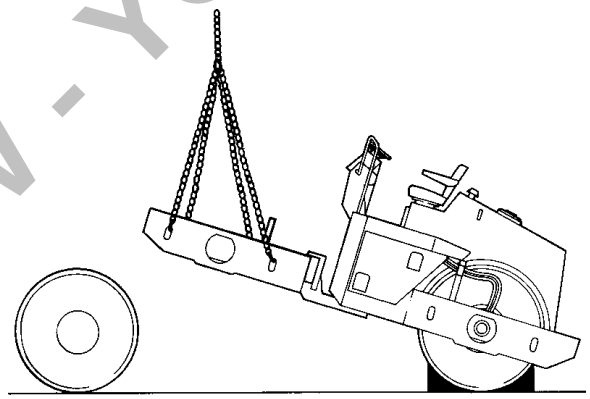
2. Disconnect, tag, and cap the hydraulic lines for the vibration motor on the right side of the machine. Plug the motor ports.

3. Block and support the front frame of the machine.

4. Remove the bolts attaching the drive motor adapter to the frame on the left side of the machine.

5. Remove the front and rear buffer brackets on the right side of the machine.

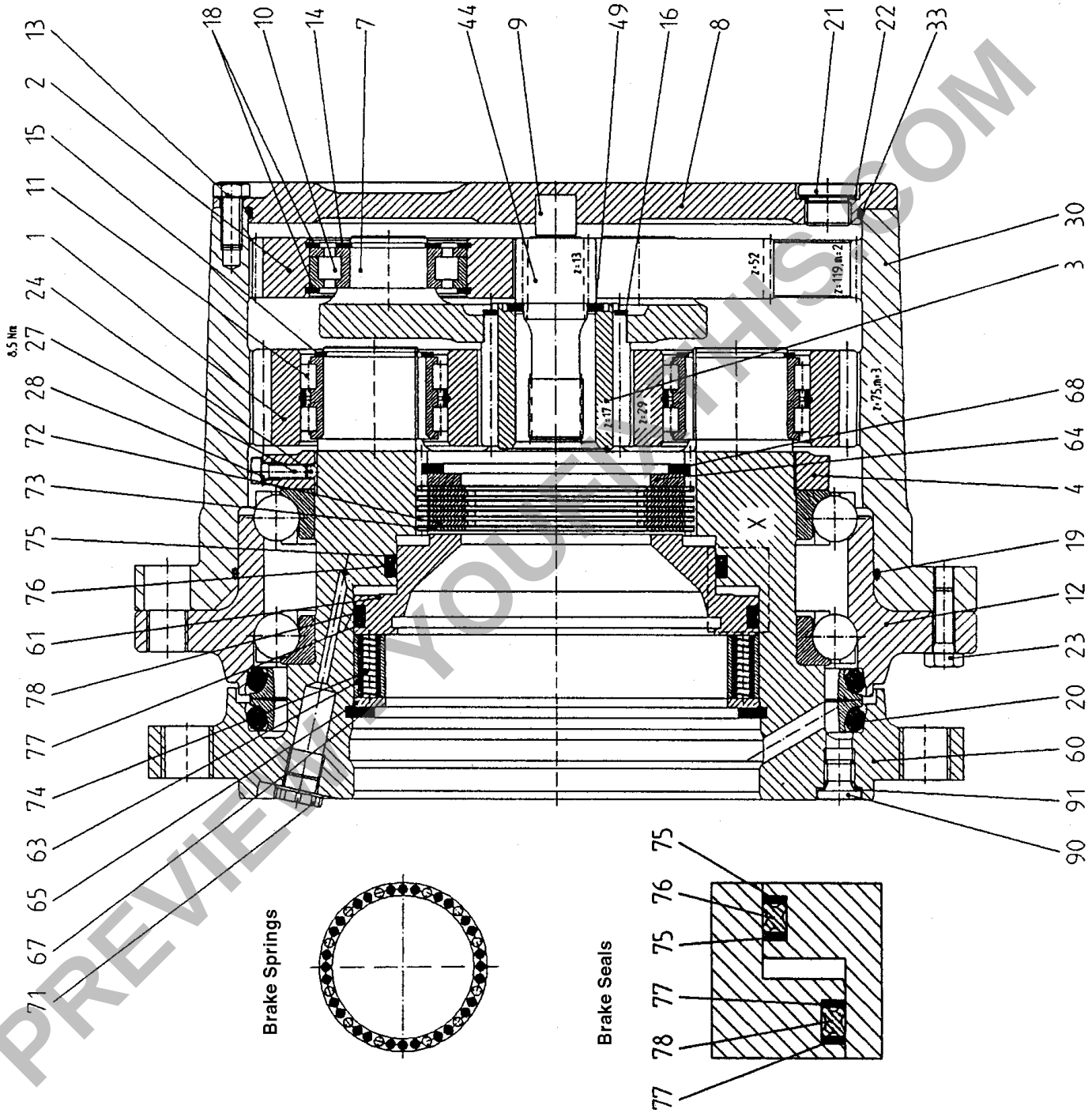
6. Lift the frame and roll the drum out of the front frame.
   Drum Weight = 6725 lbs (3050 kg) Machine w/o drum & ROPS = 15545 lbs (7050 kg)



PREVIEW - YOUFIXTHIS.COM

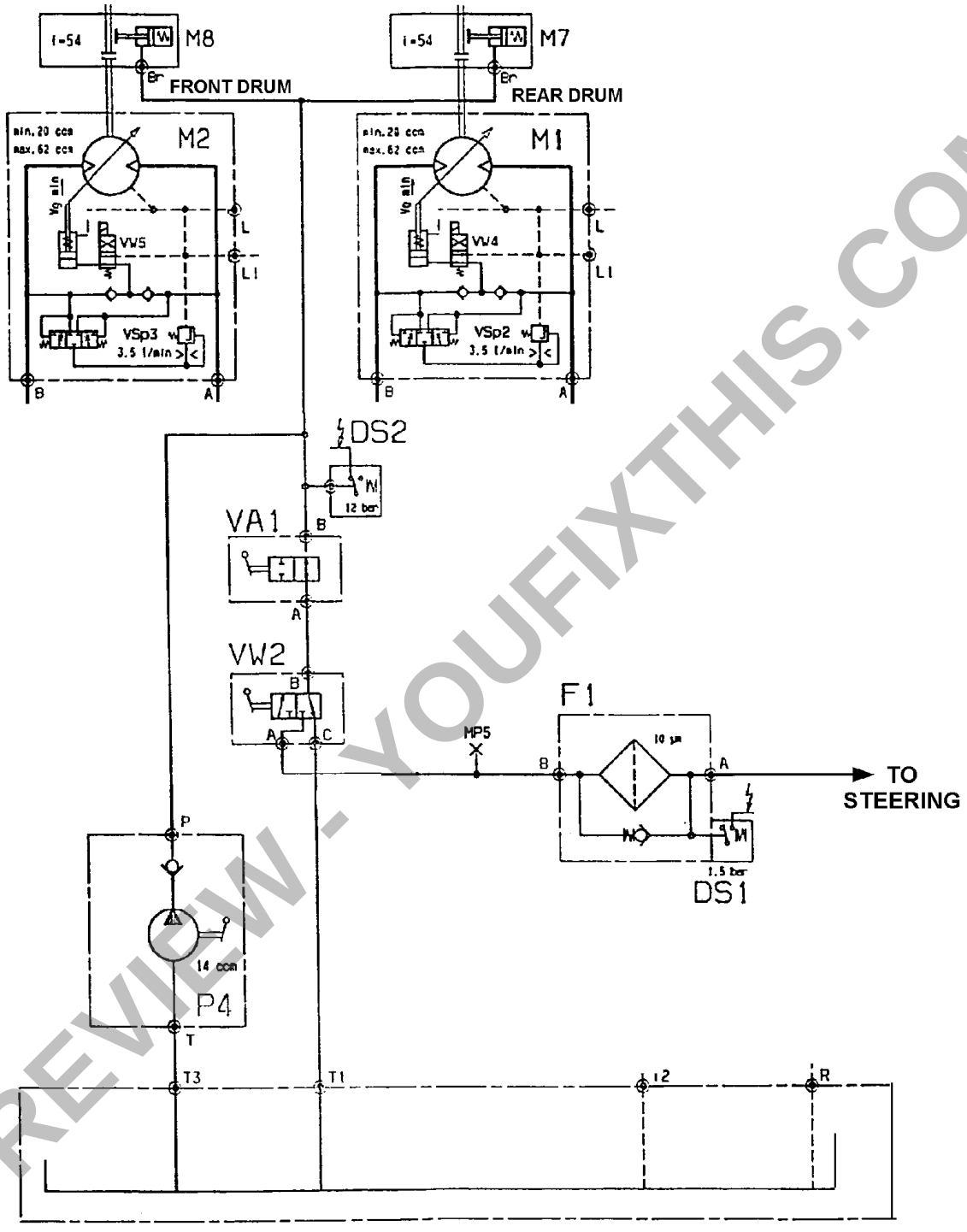
Download full manual at youfixthis.com

GFT 17 T2/312 2 GEARBOX



PREVIEW YOUFIXTHIS.COM

Download full manual at youfixthis.com



MODEL 752 BRAKE SYSTEM

PREVIEW - YOUFIXTHIS.COM

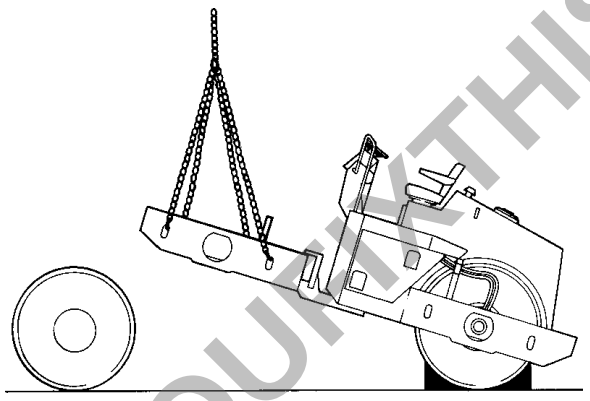
Download full manual at youfixthis.com

EXCITER BEARING REMOVAL

1. Remove the drum from the machine and drain the exciter shaft oil.

2. Remove the drum drive motor, gearbox, and drive plate from the left side of the drum.

3. Stand the drum on its end with the vibration motor facing upward.
   Drum Weight = 6725 lbs (3050 kg)
   Machine w/o drum & ROPS = 15545 lbs (7050 kg)



4. Remove the vibration motor and motor coupling.

5. Remove frame angle plates (#50) from buffer plate (#25).

6. Remove capscrews (#7) from the bearing housing (#3) and use two jacking screws to remove the housing from the drum. **NOTE: The complete right side bearing cover assembly will be lifted out as a unit including plate (25), bearing (27), and flange (3). Care should be taken not to damage the exciter shaft.** The exciter bearing cone will come out with the flange.

7. Remove capscrews (#26) from buffer plate (#25) and separate the plate and bearing.

8. Remove capscrews (#28) from the bearing flange (#3) and pull bearing (#27) off the flange assembly (#3).

9. Remove snap ring (#5) and vibration bearing (#4) from the bearing flange (#3).

10. Remove the exciter shaft.

11. Flip the drum 180 degrees and remove the exciter bearing on the left side of the drum.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

PREVIEW ONLY

You're viewing 12 of 190 pages

The full manual includes:

- All 190 pages, complete
- Searchable PDF (find any keyword)
- No watermarks
- Instant download
- Print-ready quality

GET FULL MANUAL NOW

Vibromax 752 Service Manual

Scan or click anywhere
youfixthis.com

Click anywhere on this page to get the full manual