

HYDRAULIC SCHEMATIC

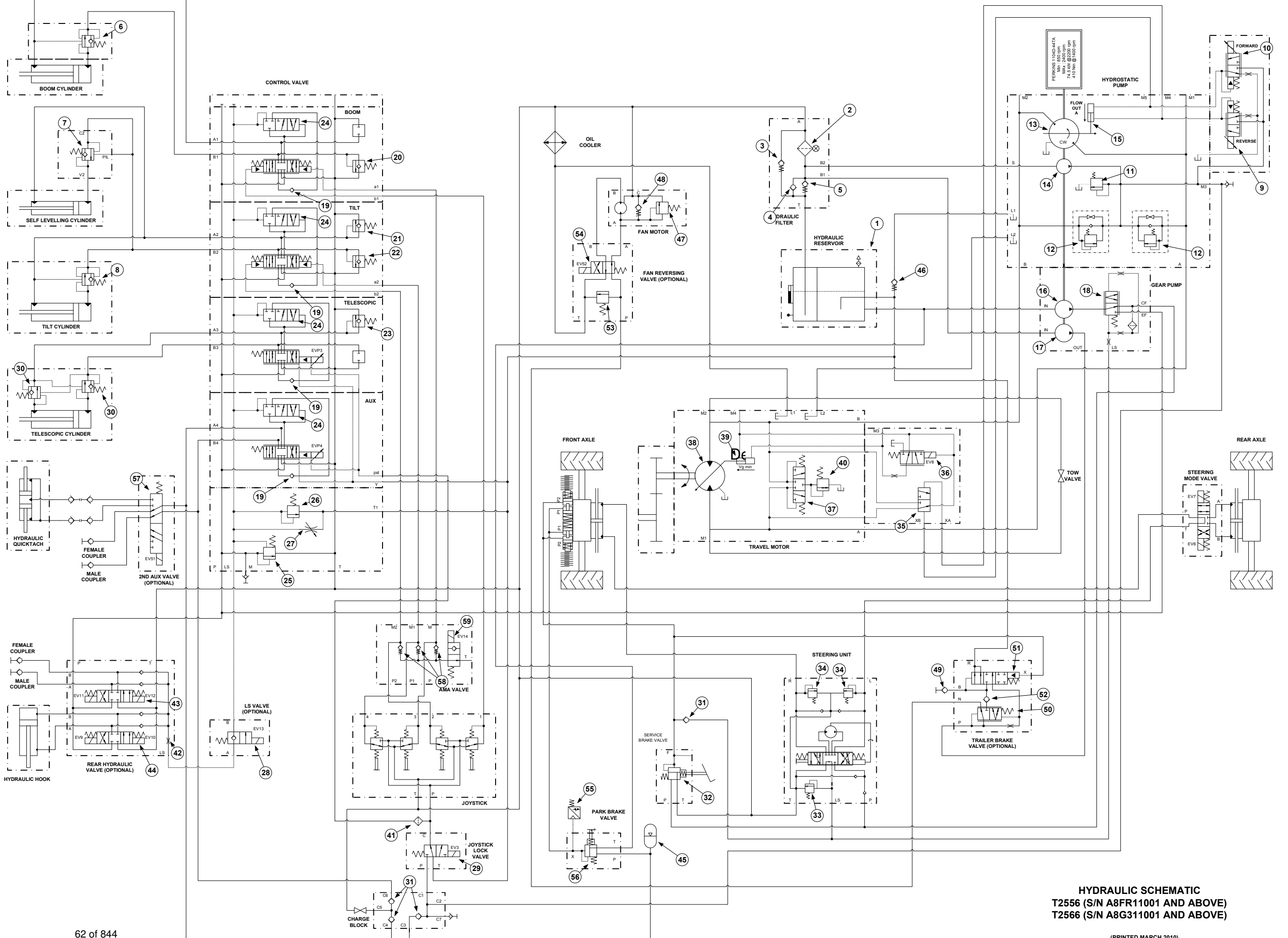
T2556 (S/N A8FR11001 AND ABOVE)
T2566 (S/N A8G311001 AND ABOVE)

(Printed MARCH 2010)
V-1389legend

LEGEND

1 RESERVOIR: System Capacity 31.7 Gal. (120 L)	19 LOAD CHECK	36 MOTOR DISPLACEMENT CONTROL SPOOL - 3481 PSI (240 Bar)	52 CHECK VALVE (OPTIONAL)
2 FILTER - Hydraulic	20 ANTICAVITATION/WORK PORT RELIEF VALVE – Boom: 3844 PSI (265 Bar)	37 SHUTTLE VALVE - Drain	53 RELIEF VALVE (OPTIONAL) - 2900 PSI (200 Bar)
3 SPRING LOADED FILTER BYPASS VALVE: 36 PSI (2,5 Bar)	21 ANTICAVITATION/WORK PORT RELIEF VALVE – Tilt: 3045 PSI (210 Bar)	38 VARIABLE CAPACITY DISPLACEMENT BIDIRECTIONAL HYDROSTATIC MOTOR	54 SOLENOID ACTIVATED DIRECTIONAL CONTROL VALVE – FAN REVERSING (OPTIONAL)
4 CHECK VALVE	22 ANTICAVITATION/WORK PORT RELIEF VALVE – Tilt: 3336 PSI (230 Bar)	39 SERVO PISTON - Swash Plate	55 PRESSURE SWITCH- Brake: 232 PSI (16 Bar)
5 CHECK VALVE - With 7 PSI (0,5 Bar) Spring	23 ANTICAVITATION/WORK PORT RELIEF VALVE – Telescopic: 2756 PSI (190 Bar)	40 RELIEF VALVE: 392 PSI (27 Bar)	56 DIRECTIONAL CONTROL VALVE - Brake
6 BOOM CYLINDER LOCK VALVE - Lock Pressure - 4713 PSI (325 Bar)	24 COMPENSATOR	41 FILTER	57 SOLENOID ACTIVATED DIRECTIONAL CONTROL VALVE – TRAILER BRAKE VALVE (OPTIONAL)
7 SELF LEVELING CYLINDER LOCK VALVE - 3625 PSI (250 Bar)	25 RELIEF VALVE: 218 PSI (15 Bar)	42 ORIFICE: 0.039 inch (1,0 mm)	58 CHECK VALVE
8 TILT CYLINDER LOCK VALVE 3553 PSI (245 Bar)	26 RELIEF VALVE: 3408 PSI (235 Bar) Dε	43 SOLENOID ACTIVATED DIRECTIONAL CONTROL VALVE – REAR AUXILIARY HYDRAULICS (OPTIONAL)	59 SOLENOID ACTIVATED DIRECTIONAL CONTROL VALVE – AMA VALVE
9 SOLENOID - Reverse Drive	27 LOAD SENSE RELIEF CARTRIDGE	44 SOLENOID ACTIVATED DIRECTIONAL CONTROL VALVE – SECONDARY AUXILIARY HYDRAULICS (OPTIONAL)	
10 SOLENOID - Forward Drive	28 SOLENOID ACTIVATED DIRECTIONAL CONTROL VALVE – LS VLAWE (OPTIONAL) (Only used with rear hydraulic valve)	45 ACCUMULATOR - 217 PSI (15 Bar)	
11 RELIEF VALVE - Charge 435 PSI (30 Bar)	29 SOLENOID ACTIVATED DIRECTIONAL CONTROL VALVE - JOYSTICK LOCK VALVE	46 CHECK VALVE - With 51 PSI (3,5 Bar) Spring	
12 RELIEF/REPLENISHING VALVE - HIGH PRESSURE (2) - 6527 PSI (450 Bar)	30 TELESCOPIC CYLINDER LOCK VALVE - 1450 PSI (100 Bar)	47 RELIEF VALVE - 2538 PSI (175 Bar)	
13 VARIABLE CAPACITY DISPLACEMENT BIDIRECTIONAL HYDROSTATIC PUMP	31 CHECK VALVE	48 CHECK VALVE - Anti-cavitation	
14 CHARGE PUMP 9.7 GPM (36,7 L/min.) @ 2200 RPM	32 BRAKE VALVE 870 PSI (60 Bar)	49 TRAILER BRAKE COUPLER PORT (OPTIONAL)	
15 SERVO PISTON - Swash Plate	33 RELIEF VALVE 2538 PSI (175 Bar)	50 PRIORITY VALVE (OPTIONAL)	
16 HYDRAULIC PUMP - Gear type 22.0 GPM (83 L/min.) @ High Engine Idle	34 RELIEF VALVE (2) 3190 PSI (220 Bar)	51 SOLENOID ACTIVATED DIRECTIONAL CONTROL VALVE – REAR HYDRAULIC HOOK (OPTIONAL)	
17 HYDRAULIC PUMP - Gear Type 9.5 GPM (36 L/min.) @ High Engine Idle	35 SHUTTLE VALVE - Drive Pressure		
18 PRIORITY VALVE			

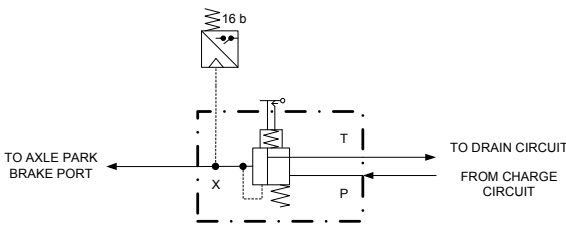
NOTE: Unless otherwise specified
springs have NO significant
pressure value.



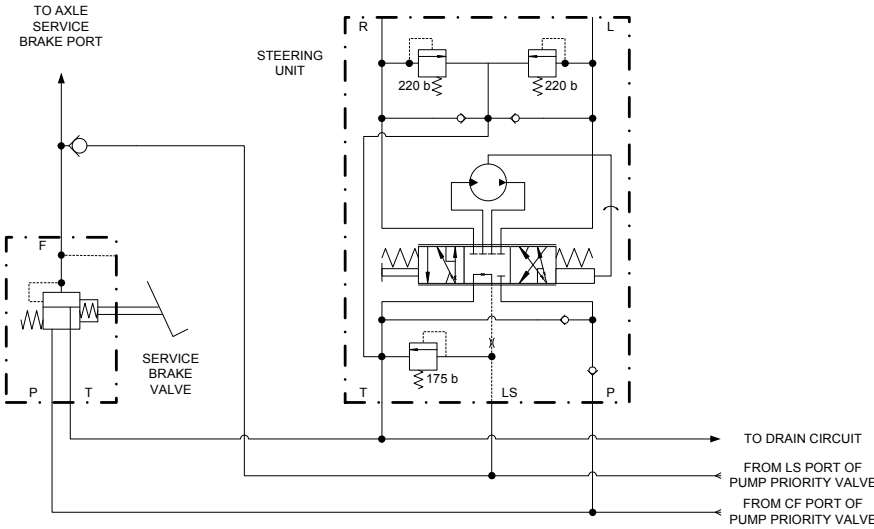
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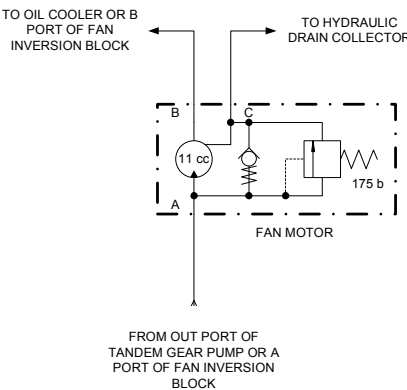
ESA VERSION
(SEE STANDARD SCHEMATIC FOR FULL REPRESENTATION)



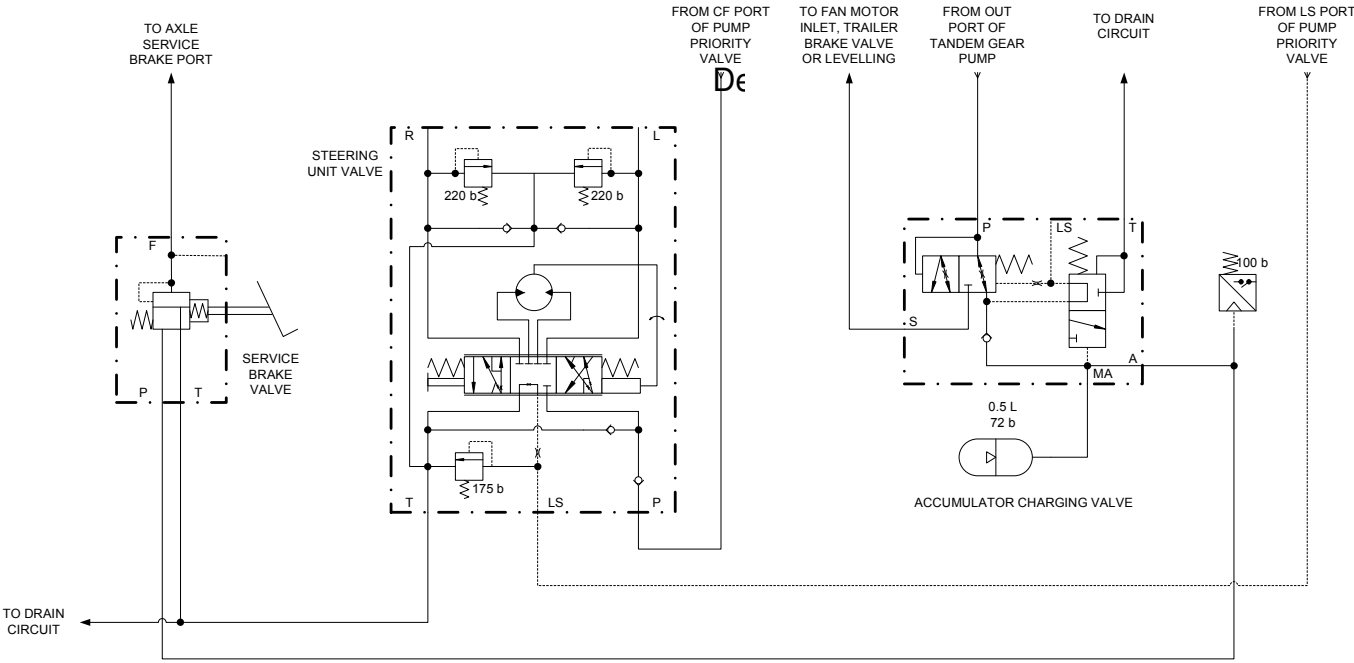
STANDARD VERSION
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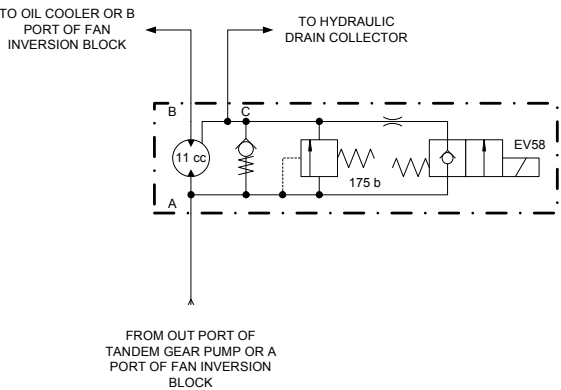
STANDARD VERSION
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GERMAN VERSION



2 SPEED VERSION



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