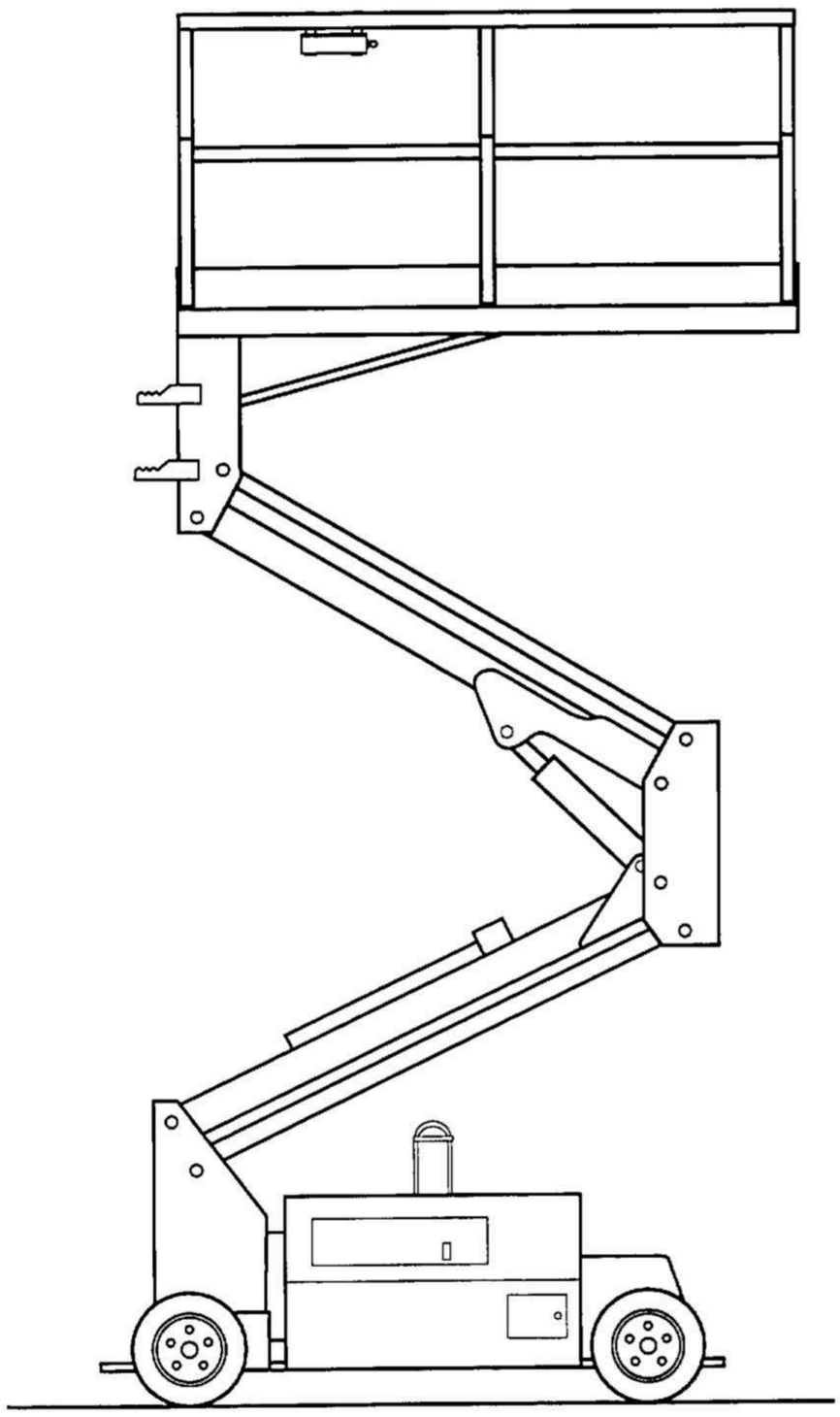
TEREX AERIALS

SERVICE MANUAL

SELF-PROPELLED VERTICAL LIFT
MODEL TV20



Art # A00.00712E

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Issued: February 1998
P/N 89-750087

MidWestTech | Terex TV20 Vertical Boom Lift Service Manual | Publication 89_750087

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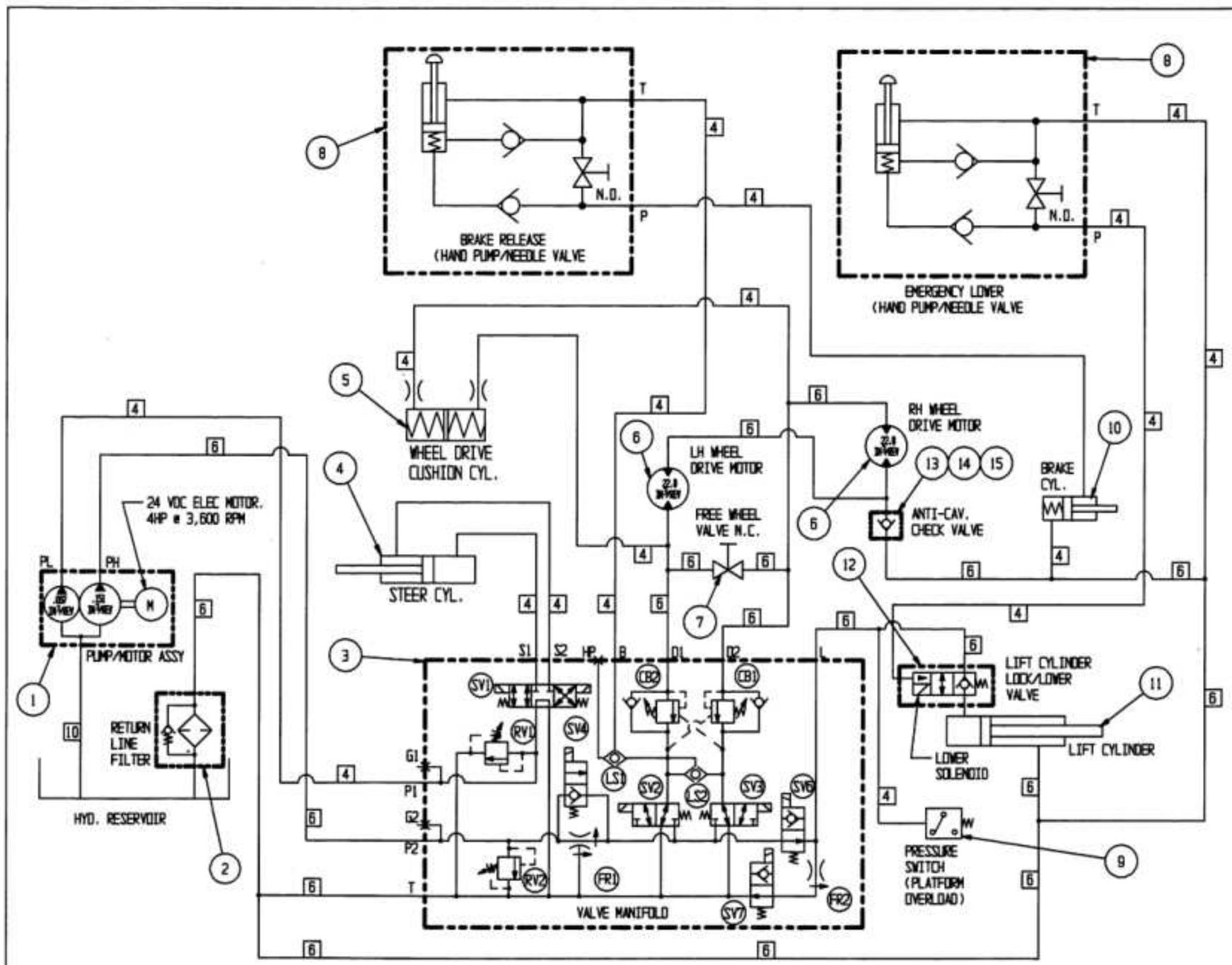
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BILL OF MATERIAL

ITEM	QTY	PART NO.	DESCRIPTION
1	1	01244200	PUMP/MOTOR ASSEMBLY
2	1	01081500	FILTER, RETURN LINE
3	1	01246800	VALVE, MANIFOLD ASSEMBLY
4	1	04014300	CYLINDER, HYDRAULIC, STEERING
5	1	04033800	CYLINDER, HYDRAULIC, CUSHION WHEEL DRIVE
6	2	01097300	MOTOR, HYDRAULIC, 22.8in³/REV.
7	1	01107800	BALL VALVE, HIGH PRESSURE
8	2	01205800	HAND PUMP, NEEDLE VALVE
9	1	01081300	HYDRAULIC PRESSURE SWITCH
10	1	04037500	BRAKE CYLINDER
11	1	04037500	CYLINDER, HYDRAULIC, BOOM LIFT
12	1	01222400	VALVE, LOCK/LOWER, SOL./ANTI CONTROL
14	1	0-2310710	BODY, ANTI-CAV. CHECK VALVE
15	1	01013801	BALL, CHECK VALVE
16	1	0-2312620	HYDRAULIC, FITTING MODIFIED

KEY-LINE SIZES

4	1/4" I.D. HOSE
6	3/8" I.D. HOSE
8	1/2" I.D. HOSE
10	5/8" I.D. HOSE

COMPONENT LIST FOR MANIFOLD

CB1 & CB2	COUNTERBALANCE VALVE SET @ 3,700 P.S.I.
FR1	FLOW CONTROL VALVE W/BYPASS, .8 G.P.M. MAX. FLOW
FR2	FLOW CONTROL VALVE, 2.8 G.P.M. MAX. FLOW
LS1 & LS2	SHUTTLE VALVE
RV1	RELIEF VALVE, STEER SET @ 1,500 P.S.I.
RV2	RELIEF VALVE, WHEEL DRIVE/LIFT SET @ 2,900 P.S.I.
SV1	VALVE, DIRECTIONAL, STEER
SV2 & SV3	VALVE DIRECTIONAL, WHEEL DRIVE
SV4	VALVE DIRECTIONAL, HIGH SPEED LIFT & DRIVE
SV6	VALVE DIRECTIONAL, DRIVE
SV7	VALVE DIRECTIONAL, LIFT (UP)

REF:TV-20 TOWEN CORP., JAPAN

REV	BY	DATE	DESCRIPTION
			DO NOT SCALE PRINT

TEREX AERIALS
MILWAUKEE, WI. 53224

HYDRAULIC, SCHEMATIC

CHECKED DRAWING DO NOT REVISE MANUALLY

SCALE	DRAWN	DATE	CHECKED	APPROVED	DRAWING NO.
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