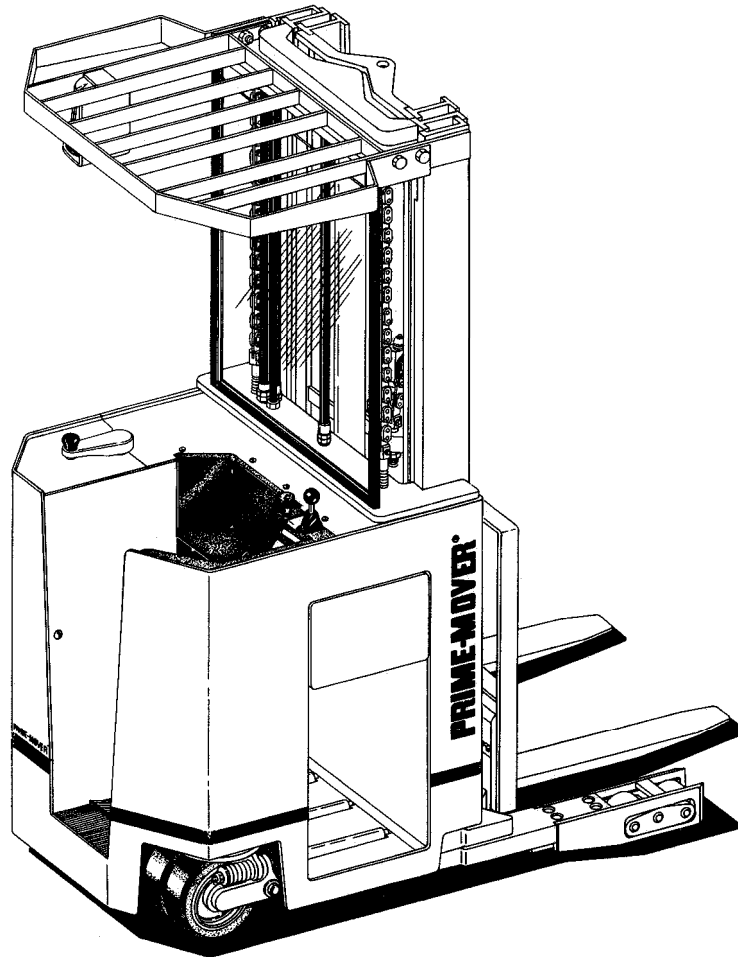


# RS-40B Parts Manual

RS-40B Straddle Truck

RS-40B



**⚠ WARNING** Read and observe all warnings on the unit before operating it. Do not operate this equipment unless all factory installed guards and shield are properly secure in place.

ISSUED SEPTEMBER 1986

**PRIME-MOVER**®

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Fig. #	Item #	PART #	NAME	# for Assy.	Unit
3	1	D-40743-01	Cover, pump	1	
3	2	A-49922-01	Screw, machine	11	
3	3	D-40237-00	Cover, seat panel	1	
3	4	D-40318-00	Pad, seat	1	
3	5	A-49892-01	Screw, flathead	1	
3	6	B-40284-00	Angle	1	
3	7	A-27561-03	Edging	1	
3	8	A-14851-02	Nut, clip	6	
3	9	D-40238-01	Cover, instrument	1	
3	10	C-40801-00	Cover, SCR	1	
3	11	C-40806-00	Mat, floor	1	
3	12	C-40786-00	Pedal, brake	1	
3	13	B-40419-00	Mat, pedal	1	

Fig. #	Item #	PART #	NAME	# for Assy.	Unit
8	1	A-49919-03	Knob	1	
8	2	A-14915-05	Plug, hole	1	
8	3	D-40105-01	Crank, steering	1	
8	4	P-11073-06	Pin, roll	1	
8	5	B-40795-00	Torque generator assembly (see fig. #9)	1	
8	6	P-14994-11	Screw, cap	1	
8	7	P-11854-03	Screw, cap	2	Forward
8	7	P-11854-05	Screw, cap	2	Reverse
8	8	A-49796-00	Bearing, flange	1	Forward
8	8	A-49752-00	Bearing, flange	1	Reverse
8	9	P-11261-05	Nut	2	Forward
8	9	P-11170-05	Nut	2	Reverse
8	*	P-11143-05	Screw, cap	1	Reverse
8	*	P-11806-06	Nut	1	Reverse
8	10	A-11057-03	Key	1	
8	11	B-40783-00	Sprocket	1	
8	12	P-11271-11	Screw, set	1	
8	13	P-11073-11	Pin, roll	2	
8	14	B-26466-01	Sprocket	1	
8	15	B-40782-00	Rod	1	
8	16	A-49725-00	Bearing, pillow block	1	
8	17	P-11830-03	Screw, cap	2	
8	18	B-25125-01	Sprocket	1	
8	19	P-11073-27	Pin, roll	1	
8	20	P-25121-01	Chain	1	
8	21	A-11057-03	Key	1	
8	22	A-41079-00	Shim, .120	As Req'd.	
8	22	A-41079-01	Shim, .060	As Req'd.	
8	22	A-41079-02	Shim, .030	As Req'd.	
8	23	P-21542-01	Chain	1	Reverse
8	*	P-25306-01	Link, offset	1	Reverse
8	24	P-21542-09	Chain	1	Forward
8	25	P-11170-08	Nut	2	
8	26	P-11857-01	Washer	2	
8	27	P-11936-17	Bearing, thrust	2	
8	28	B-40780-00	Sprocket	2	
8	29	P-11020-35	Bearing	2	
8	30	P-11857-02	Washer	2	
8	31	P-11047-21	Screw, cap	5	
8	32	C-41138-00	Bracket, mounting	1	
8	33	A-40779-01	Screw, special	1	
8	34	A-40781-00	Bolt, special	1	
8	35	P-11806-06	Nut	1	
8	36	P-11873-16	Screw, shoulder	1	
8	37	P-11695-07	Bearing, flange	1	

Fig. #	Item #	PART #	NAME	# for Assy.	Unit
13	1	P-14994-08	Screw, cap	4	
13	2	A-40425-00	Shim, .005	As Req'd.	
13	3	P-14994-06	Screw, cap	4	
13	4	P-11016-04	Washer	6	
13	5	D-40506-00	Drive motor assembly (see fig. #15)	1	24 volt
13	5	D-40096-00	Drive motor assembly (see fig. #15)	1	36 volt
13	6	A-20904-01	Bumper	1	
13	7	D-40011-01	Transmission assembly (see fig. #16)	1	
13	8	P-14994-05	Screw, cap	2	

Fig. #	Item #	PART #	NAME	# for Assy.	Unit
19	1		SCR and contactor panel assembly (see fig. #27)	1	
19	2	C-40869-00	Harness, wiring	1	
19	3	D-40426-00	Harness, wiring (see fig. #21)	1	
19	4		Panel assembly (see fig. #20)	1	
19	5	P-11016-02	Washer, flat	2	
19	6	P-11009-05	Lockwasher	2	
19	7	P-11261-05	Nut	2	

Fig. #	Item #	PART #	NAME	# for Assy.	Unit
24	1	P-20188-00	Terminal, male	8	
24	2	P-20148-01	Disconnect	1	
24	3	A-49861-04	Connector, strain relief	2	
24	4	P-25332-00	Tie, wire	1	
24	5	D-40805-00	Harness, wiring (see fig. #21)	1	
24	6	P-11170-06	Nut	2	
24	7	P-11016-03	Washer, flat	2	
24	8	P-15677-08	Clamp	2	
24	9	52-7908	Cable	As	Req'd
24	10	P-20148-02	Disconnect	1	
24	11	P-20189-00	Terminal, female	8	
24	12	A-40030-02	Bracket	1	
24	13	P-11854-03	Screw, cap	2	
24	14	P-11009-05	Lockwasher	2	
24	15	B-40929-00	Cable, assembly (see fig. #25)	1	

Fig. #	Item #	PART #	NAME	# for Assy.	Unit
29	1	QUN144P15006C8	Screw with lockwasher	5	
29	2	QUN402P8B6	Washer, flat	5	
29	3	QU245A6998G2	Support, card box (right hand)	1	
29	4	QU245A6998G1	Support, card box (left hand)	1	
29	5	QUN144P13006C6	Screw with lockwasher	2	
29	6	QUN402P7B6	Washer, flat	5	
29	7	QU245A6996P1	Bus	2	
29	8	QU259A5523P2	Capacitor, 200 volts	1	
29	9	QUN144P13018C6	Screw with lockwasher	4	
29	10	QU259A8709G1	Resister assembly	1	
29	11	QU194B5393G1	Snubber assembly	2	
29	12	QU259A2138G1	Rectifier assembly (5 REC)	1	
29	13	QU259A2135G1	Rectifier assembly (2 REC)	1	
29	14	QU136C2306G1	Transformer	1	

Fig. #	Item #	PART #	NAME	# for Assy.	Unit
34	1	B-39854-02	Connector	1	
34	2	A-49852-02	Contactora	2	
34	3	C-49856-39	Cable, 63"	1	
34	4	C-49856-38	Cable, 71"	1	
34	5	A-49853-04	Bushing	2	

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Fig. #	Item #	PART #	NAME	# for Assy.	Unit
40	1	B-14859-05	Clamp	4	
40	2	A-14810-03	Hose	1	24 volt
40	2	A-14810-03	Hose	1	36 volt
40	3	A-40507-00	Tube	1	24 volt
40	3	A-40433-00	Tube	1	36 volt
40	4	A-14848-03	Elbow, 90°	1	24 volt
40	4	A-14848-02	Elbow, 90°	1	36 volt
40	5	D-40503-00	Pump assembly (see fig. #43)	1	24 volt
40	5	D-40459-07	Pump assembly (see fig. #44)	1	36 volt
40	6	P-22012-05	Elbow, 90°	1	24 volt
40	6	P-25377-09	Elbow, 90°	1	36 volt
40	7	P-12391-07	O ring	1	24 volt
40	7	P-12391-08	O ring	1	36 volt
40	8	C-30354-40	Hose assembly	1	
40	9	A-14844-06	Elbow, 45°	1	
40	10	P-12391-09	O ring	1	
40	11	D-40100-00	Valve, lift control (see fig. #45)	1	
40	12	A-14810-04	Hose	1	24 volt
40	12	A-14810-03	Hose	1	36 volt

Fig. #	Item #	PART #	NAME	# for Assy.	Unit
45	1	QY16147-403	Screw, machine	2	
45	2	QY16048-116	Washer, flat	2	
45	3	QY16157-10	Screw, machine	2	
45	4	QY30501-398	Bracket	1	
45	5	QY31900-670	Switch	1	
45	6	QY16045-300	Lockwasher	2	
45	7	QY16021-00	Nut	2	
45	8	QY30501-397	Screw, spool	1	
45	9	QY15546-6	Washer, shallow	1	
45	10	QY30501-39	Spring	1	
45	11	QY16048-31	Washer	1	
45	12	QY30501-10	Washer, deep	1	
45	13K	NSS	O ring	1	
45	14	NA	Spool	1	
45	15	QY16169-1140	Plug	1	
45	16K	NSS	O ring	1	
45	17	NA	Body	1	
45	18	QY30501-17	Plug	1	
45	19K	NSS	O ring	1	
45	20	QY30501-13	Spring	1	
45	21K	NSS	Plunger 	1	
45	22K	NSS	O ring	1	
45	23	QY32066-AH	Valve, relief	1	
45	24K	NSS	O ring	1	
45	25K	NSS	Washer, backup	1	
45	26K	NSS	O ring	1	
45	K	QY30501-928	Kit, seal	1	

(contains parts indicated by letter "K")

Fig. #	Item #	PART #	NAME	# for Assy.	Unit
50	1	P-11176-01	Screw	1	
50	2	P-11897-03	Washer, seal	1	
50	3	D-40535-01	Tube, cylinder	1	89/126
50	3	D-40535-02	Tube, cylinder	1	95/138
50	3	D-40535-03	Tube, cylinder	1	107/162
50	3	D-40535-04	Tube, cylinder	1	119/186
50	4	B-40052-00	Nut, retainer	1	
50	5	B-40051-00	Plunger	1	
50	6	P-13857-01	Ball	1	
50	7	A-30612-01	Spring	1	
50	8	B-40047-00	Piston	1	
50	9K	NSS	Ring, wear	1	
50	10	C-40539-01	Rod	1	89/126
50	10	C-40539-02	Rod	1	95/138
50	10	C-40539-03	Rod	1	107/162
50	10	C-40539-04	Rod	1	119/186
50	11K	NSS	O ring	1	
50	12K	NSS	Ring, back-up	1	
50	13	C-40068-00	Bearing	1	
50	14K	NSS	Ring, wear	1	
50	15K	NSS	Seal	1	
50	16K	NSS	Wiper	1	
50	K	A-40298-00	Kit, seal	1	

Fig. #	Item #	PART #	NAME	# for Assy.	Unit
55	1	P-22012-03	Elbow, 90°	1	
55	2	P-12391-05	O ring	6	
55	3	A-14844-03	Elbow, 45°	1	
55	4	D-40101-00	Valve auxiliary control (see fig. #48)	1	
55	5	P-25108-06	Adapter, straight	4	
55	6	C-30355-32	Hose assembly	1	
55	7	C-30355-33	Hose assembly	1	
55	8	C-40455-31	Hose assembly	1	89/192
55	8	C-40455-32	Hose assembly	1	95/210
55	8	C-40455-33	Hose assembly	1	98/216
55	8	C-40455-34	Hose assembly	1	102/225
55	8	C-40455-35	Hose assembly	1	111/240
55	8	C-40455-36	Hose assembly	1	119/258
55	9	C-40455-24	Hose assembly	1	89/192
55	9	C-40455-21	Hose assembly	1	95/210
55	9	C-40455-25	Hose assembly	1	98/216
55	9	C-40455-26	Hose assembly	1	102/225
55	9	C-40455-27	Hose assembly	1	111/240
55	9	C-40455-16	Hose assembly	1	119/258
55	10	D-40716-00	Manifold	1	

Fig. #	Item #	PART #	NAME	# for Assy.	Unit
60	1	NA	Block, valve	1	
60	2	B-30605	Valve, solenoid	2	24 volt
60	2	B-30607	Valve, solenoid	2	36 volt
60	3	VJ4021261	Nut	1	
60	4	VJ4020900	Washer	1	
60	5	VJ6007328	Coil	1	24 volt
60	5	VJ6008410	Coil	1	36 volt
60	6	NSS	Cartridge	1	
60	7K	NSS	O ring	1	
60	8K	NSS	O ring	1	
60	9K	NSS	Ring, retainer	1	
60	K	VJ6011020	Kit, seal	1	

NSS-Not Sold Separately

NA-Not Available

Fig. #	Item #	PART #	NAME	# for Assy.	Unit
65	1	D-40771-00	Frame	1	
65	2	P-14994-02	Screw, cap	2	
65	3	A-40618-00	Bracket	1	
65	4	P-11073-20	Pin, roll	2	
65	5	A-40629-00	Pin	2	
65	6	P-11857-05	Washer, shim	As Req'd	
65	7	P-21089-02	Bearing	6	
65	8	C-40637-00	Cylinder, tilt (see fig. #57)	2	
65	9	P-14994-06	Screw, cap	12	
65	10	A-40603-00	Clamp	4	
65	11	A-40629-01	Pin	2	
65	12	D-40600-00	Frame, fork	1	
65	13	B-40382-01	Rod	1	
65	14	P-11073-23	Pin, roll	1	
65	15	D-40594-00	Rest, load	1	

Fig. #	Item #	PART #	NAME	# for Assy.	Unit
70	1	A-30553-02	Washer, shim	4	
70	2	A-40058-00	Spacer	1	
70	3	C-40081-00	Sheave	1	
70	4	B-49994-01	Racer, inner	2	
70	5	B-49993-02	Bearing	2	
70	6	B-30559-00	Sheave, chain	1	
70	7	B-28159-03	Pin	1	
70	8	P-11160-11	Fitting, grease	2	
70	9	P-11857-05	Washer, shim	As Req'd	
70	10	P-21089-02	Bearing	2	
70	11	P-14994-10	Screw, cap	1	
70	12	P-14993-20	Washer, flat	As Req'd	
70	13	A-26617-03	Spacer	2	
70	14	B-26645-00	Sheave, hose	1	
70	15	A-26493-01	Bearing	1	
70	16	B-28159-04	Pin	1	
70	17	P-11009-06	Lockwasher	4	
70	18	P-11143-04	Screw, cap	4	
70	19	D-40719-01	Column, intermediate	1	89/192
70	19	D-40719-02	Column, intermediate	1	95/210
70	19	D-40719-03	Column, intermediate	1	98/216
70	19	D-40719-04	Column, intermediate	1	102/225
70	19	D-40719-05	Column, intermediate	1	111/240
70	19	D-40719-06	Column, intermediate	1	119/258

Fig. #	Item #	PART #	NAME	# for Assy.	Unit
75	1	P-11073-32	Pin, roll	2	
75	2	B-26523-00	Nut	1	
75	3	D-41158-01	Bracket, right wheel	1	
75	3	D-41158-00	Bracket, left wheel	1	
75	4	C-40256-00	Axle	1	
75	5	P-11160-09	Fitting, grease	1	
75	6	B-49967-11	Shim, .010	As Req'd	
75	6	B-49967-12	Shim, .030	As Req'd	
75	7	P-11039-28	Seal, oil	2	
75	8	P-11205-08	Bearing	2	
75	9	B-40465-00	Wheel assembly	1	
75	10	B-40253-00	Wheel, rim	1	
75	11	B-40254-00	Tire	1	

MODEL RS-40B ELECTRIC STRADDLE TRUCK

NUMERICAL INDEX

<u>PART NUMBER</u>	<u>FIGURE #</u>	<u>ITEM #</u>	<u>PART NUMBER</u>	<u>FIGURE #</u>	<u>ITEM #</u>
P-14939-00	6	3	P-21089-02	71	11
A-14944-00	4	2	A-21117-00	78	1
P-14953-02	47	3	P-21542-01	8	23
P-14961-00	39	4	P-21542-09	8	24
P-14972-03	47	13	P-21613-00	21	9
P-14972-03	49	2	P-22005-06	74	23
P-14972-03	51	2	P-22012-02	58	13
P-14972-10	49	6	P-22012-03	46	5
P-14972-10	51	6	P-22012-03	54	1
P-14979-08	20	5	P-22012-03	55	1
P-14992-02	68	4	P-22012-03	58	18
P-14992-08	61	3	P-22012-05	38	6
P-14992-08	68	3	P-22012-05	40	6
P-14992-10	73	7	P-22013-06	56	6
P-14992-13	73	8	P-22013-06	58	4
P-14992-17	61	9	A-24436-00	47	5
P-14992-17	68	11	B-24455-01	2	4
P-14993-20	6	25	B-24455-01	6	42
P-14993-20	70	12	B-24455-01	21	22
P-14993-30	6	16	B-24455-01	22	6
P-14994-02	65	2	P-24825-02	51	10
P-14994-05	13	8	P-25008-00	2	24
P-14994-05	73	18	P-25008-01	61	6
P-14994-06	13	3	P-25008-01	68	8
P-14994-06	65	9	P-25008-02	61	6
P-14994-08	13	1	P-25008-02	68	8
P-14994-10	70	11	P-25008-03	61	6
P-14994-11	8	6	P-25008-03	68	8
P-15677-04	49	22	P-25008-04	61	6
P-15677-06	21	11	P-25008-04	68	8
P-15677-08	14	22	P-25094-02	27	14
P-15677-08	24	8	P-25100-12	26	15
P-15898-03	51	27	P-25100-16	26	11
P-20148-01	23	2	P-25100-17	26	12
P-20148-01	24	2	P-25100-17	26	13
P-20148-01	25	6	P-25100-19	26	16
P-20148-02	23	9	P-25100-20	26	2
P-20148-02	24	10	P-25108-05	51	14
P-20151-00	6	9	P-25108-05	56	9
P-20151-00	21	4	P-25108-05	58	9
P-20151-00	22	11	P-25108-06	54	8
P-20188-00	23	1	P-25108-06	55	5
P-20188-00	24	1	D-25108-07	58	21
P-20188-00	25	7	P-25108-07	47	17
P-20189-00	23	10	P-25109-03	49	10
P-20189-00	24	11	P-25109-03	51	11
P-20479-00	22	5	P-25109-05	49	19
A-20904-01	10	6	P-25121-01	8	20
A-20904-01	13	6	B-25125-01	8	18
A-20904-01	73	2	P-25189-02	73	11
P-21089-02	63	2	A-25203-06	73	10
P-21089-02	65	7	A-25203-07	73	10
P-21089-02	69	7	A-25204-03	73	12
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