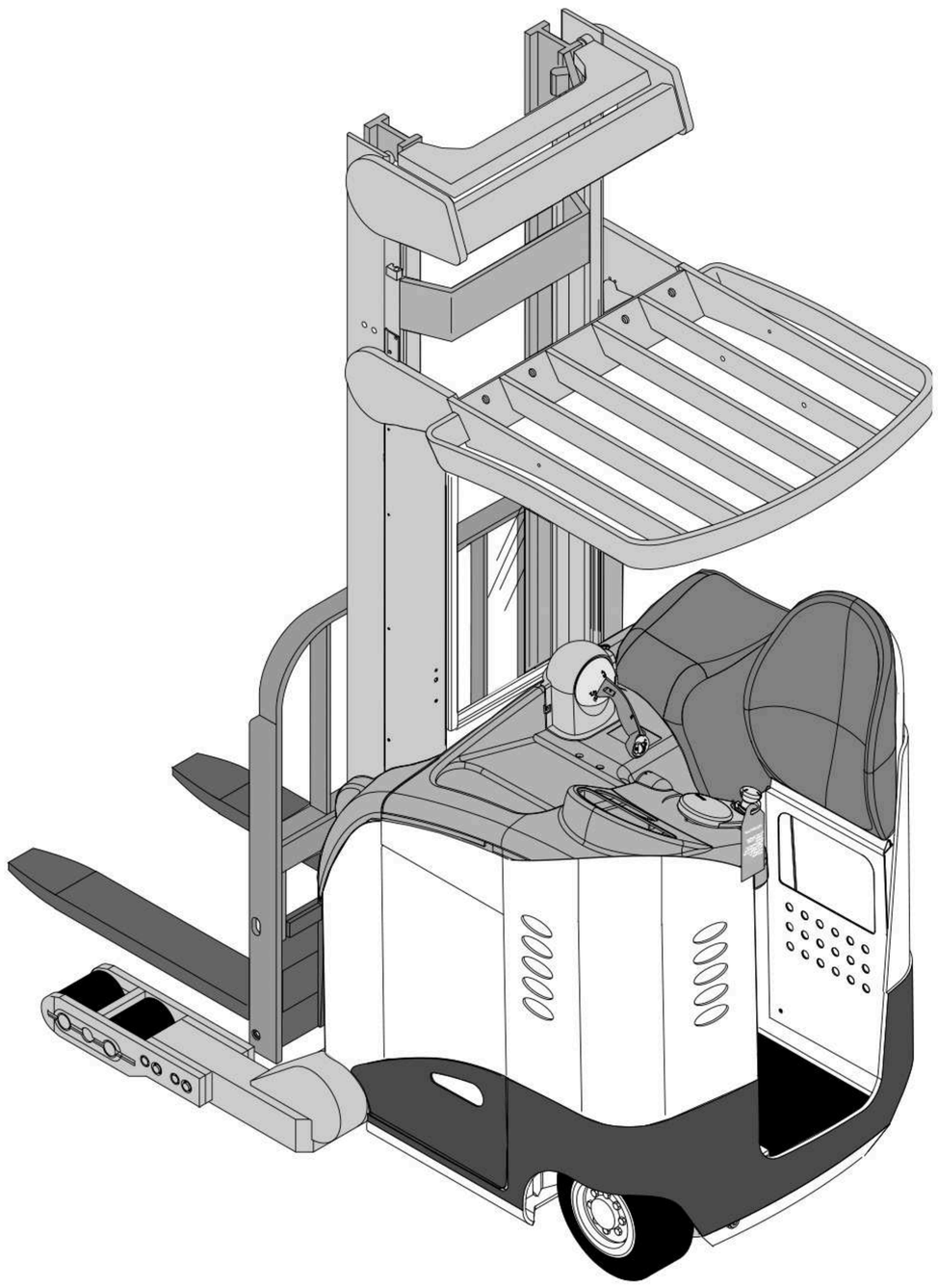
RR 5200 DC

Service & Parts Manual



Crown PF13000-00M

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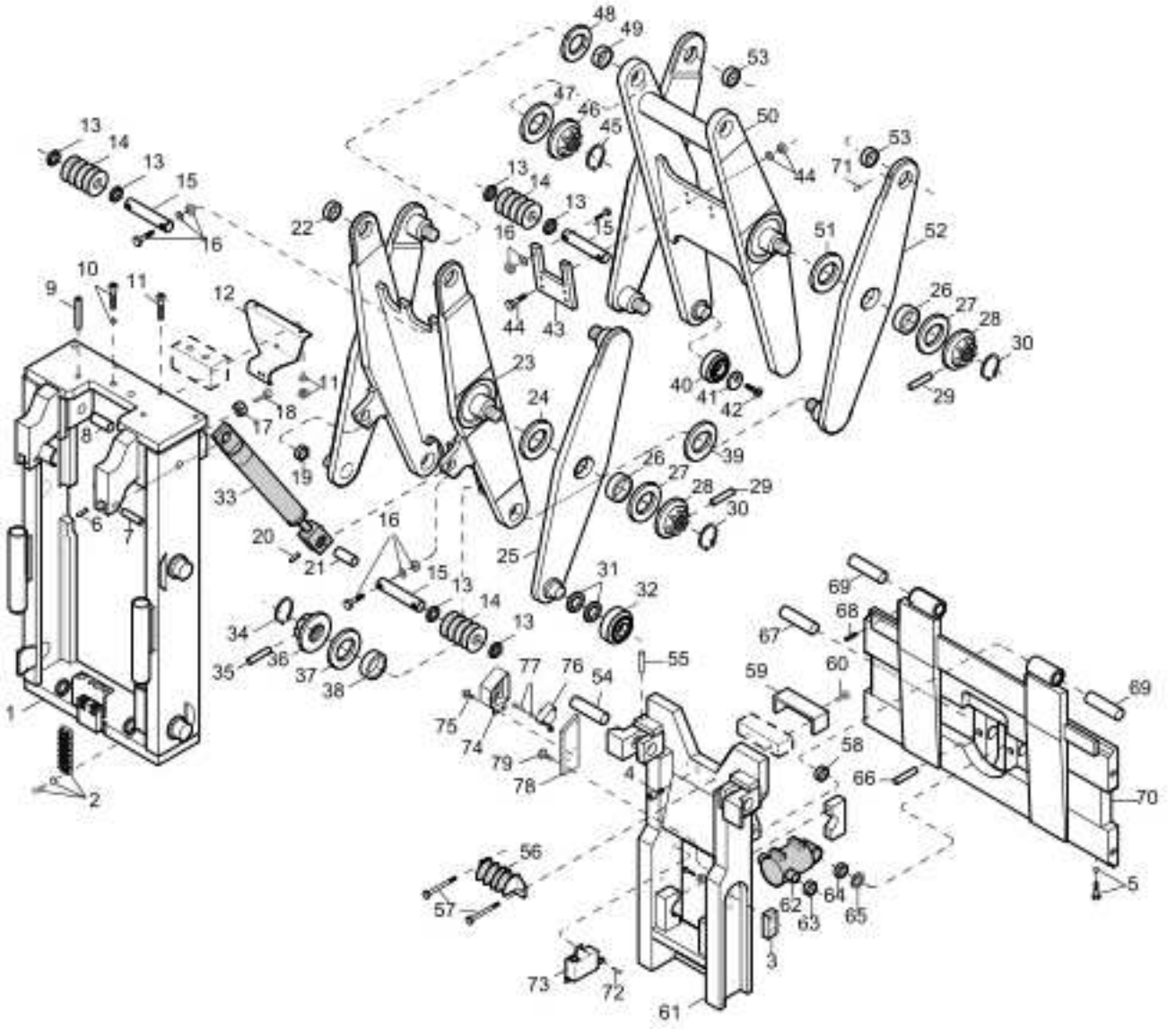


Figure 17068

Disassembly

(See Figure 17068)

1. Remove four screws holding load backrest (not shown) to fork plate (70) and remove load backrest.
2. Remove screw (5) in bottom cross member of fork plate.
3. Remove forks (not shown) from fork plate.
4. Raise mast and put two 50 x 100 x 690 mm (2 x 4 x 27 in) hardwood blocks under second stage of TT mast. Extend reach assembly and place 50 x 100 x 200 mm (2 x 4 x 8 in) hardwood block in either left or right channel of reach support assembly (1).
5. Retract reach assembly until column roller (32) on outer arm (25) is resting on hardwood block. The hardwood block will not allow assembly to retract when the reach cylinders are removed.
6. Disconnect battery, chock wheels.

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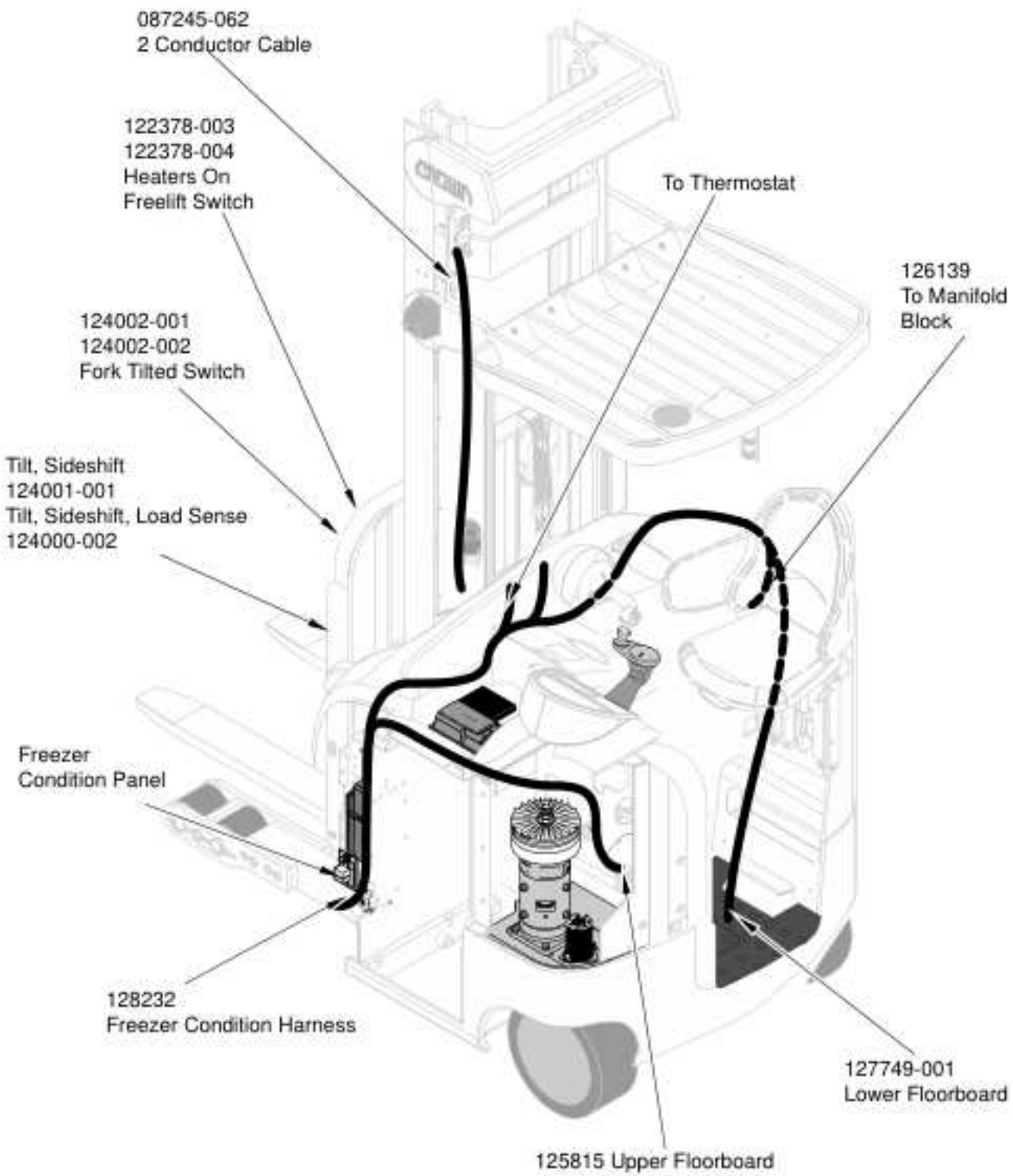


Figure 8820-01

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INDEX 8 - Mainframe (Removable Outrigger Ends) (Tapered) (RR5200/5200 (AC) 1360 kg (3000 lb) Capacity)																
		Load Wheel Size					1st Dash Number Collapsed Height/Lift Height								
Part Number	100 X 70 mm (4.0 X 4.12 in)	100 X 105 mm (4.0 x 4.12 in)	125 X 70 mm (5.0 X 2.88 in)	125 X 105 mm (5.0 X 4.12 in)	150 X 70 mm (6.0 X 2.88 in)	150 X 105 mm (6.0 X 4.12 in)	2260/5025 mm (89/198 in)	2415/5535 mm (95/198 in)	2720/6100 mm (107/240 in)	3025/6860 mm (119/270 in)	3325/7620 mm (131/300 in)	3555/8155 mm (140/321 in)	3785/8660 mm (149/341 in)	4065/9300 mm (160/366 in)	4370/10160 mm (172/400 in)
128893-	X						104	105	106	107	108	109			
128893-		X					304	305	306	307	308	309			
128893-			X				204	205	206	207	208	209	210	211	212
128893-				X			404	405	406	407	408	409	410	411	412
129031-					X								310	311	312
129031-						X							410	411	412
Note: The second dash number is the same as the truck's inside straddle dimension 863 thru 1550 mm (34 thru 61 in).															

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128893-	X														
128893-		X					804	805	806	807	808	809			
128893-			X				704	705	706	707	708	709	710	711	712
128893-				X			904	905	906	907	908	909	910	911	912
129031-					X								810	811	812
129031-						X							910	911	912
Note: The second dash number is the same as the truck's inside straddle dimension 863 thru 1550 mm (34 thru 61 in).															

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21. Inspect all ports for contamination and then place manifold block in a clean container for flushing. With same sprayer and water based degreaser thoroughly flush each port on manifold block, not to exceed 275 kPa (40 psi) air pressure into sprayer. Do not clean manifold block in degreaser tank. Refer to Figure 7937P.



Figure 7937P

22. Remove manifold block from container and place into clean container on top of clean block. Use compressed air nozzle to blow air over and through manifold block to completely remove any moisture, air pressure not to exceed 275 kPa (40 psi) air pressure. It is very important the inside and outside of the block be totally dry and clean. Refer to Figure 7938P.



Figure 7938P

23. Refer to Figure 7939P and look into each port with a flashlight and check for contamination that may not have been completely flushed out. If any is found flush block a second time as described in steps 21 and 22.

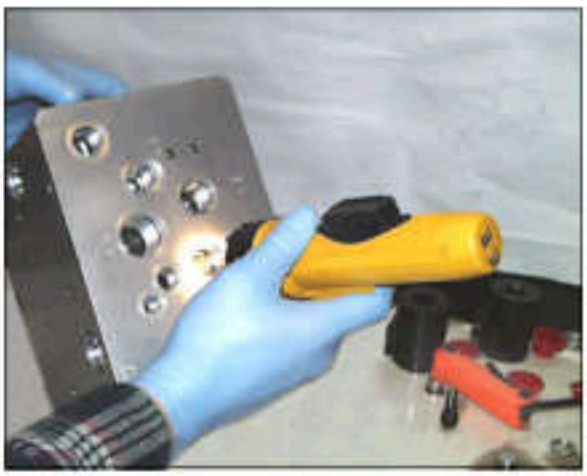
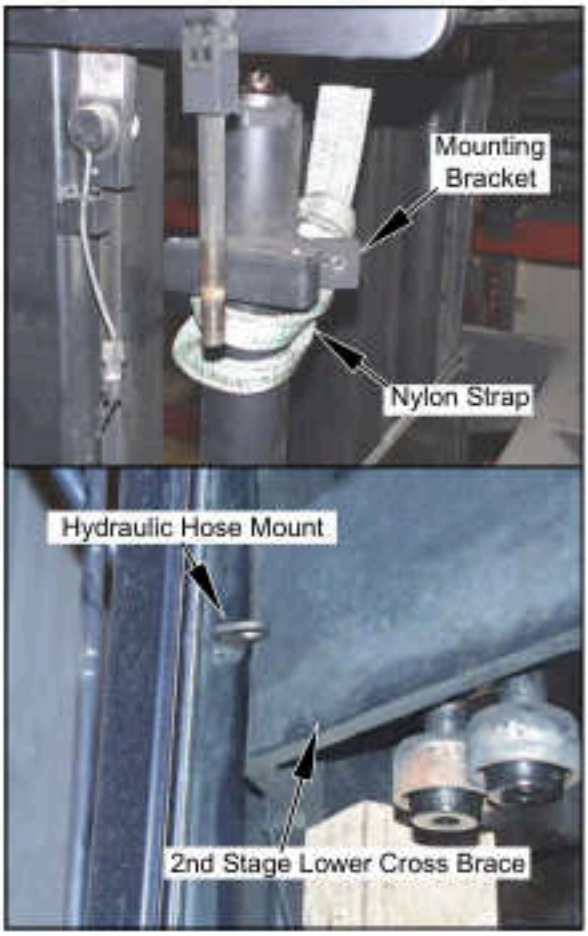


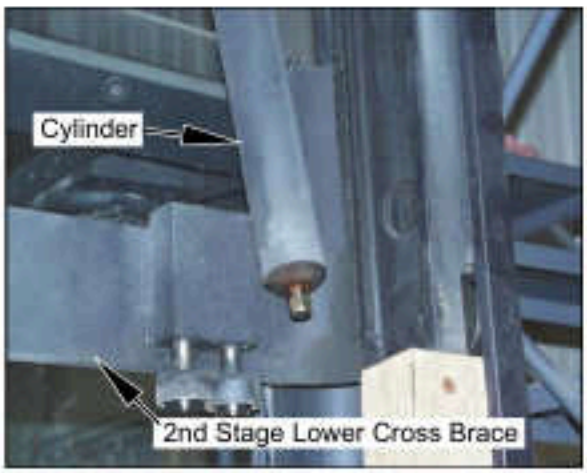
Figure 7939P

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81677P ILLUSTRATION 8

17. Once cylinder base is above 2nd stage cross brace bring cylinder out front, fork side, of mast.



81688P ILLUSTRATION 9

CYLINDER REPLACEMENT

18. Put cap on fitting at bottom of lift cylinder, if one is not already present.

19. Put nylon strap around top of cylinder just below mounting bracket and connect to hoist.

WARNING

Wear appropriate safety items, such as safety glasses and shoes, whenever performing maintenance work. To avoid injury, do not place fingers, hands, arms or feet through mast or position them at pinch points.

Make sure lifting device is sufficiently rated to lift various parts of the mast sections either individually or as a group. Make sure that the blocking material is strong enough to withstand the weight. Never work under or around a truck that is not properly blocked.

20. Raise until bottom of cylinder is over top of 2nd stage lower cross brace and lower cylinder into position.

WARNING

Make sure the platform the maintenance person rides on is secure and the individual is using an operator harness.

21. Put pin back through main frame and cylinder mounting bracket. Install cotter pin through bottom of pin to secure in place. See Illustration 7 in Cylinder Removal. Then remove strap from cylinder.

22. Using two screws removed at disassembly remount height sensor back in position.

23. Remove cap and reattach hydraulic line to bottom of cylinder.

24. Put hose guide, at top of cylinder, and hoses back in position and secure using screw previously removed.

25. Connect hydraulic hoses, lines and spring (if left lift cylinder was removed) to bracket on cylinder. See Illustration 6 in Cylinder Removal.

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