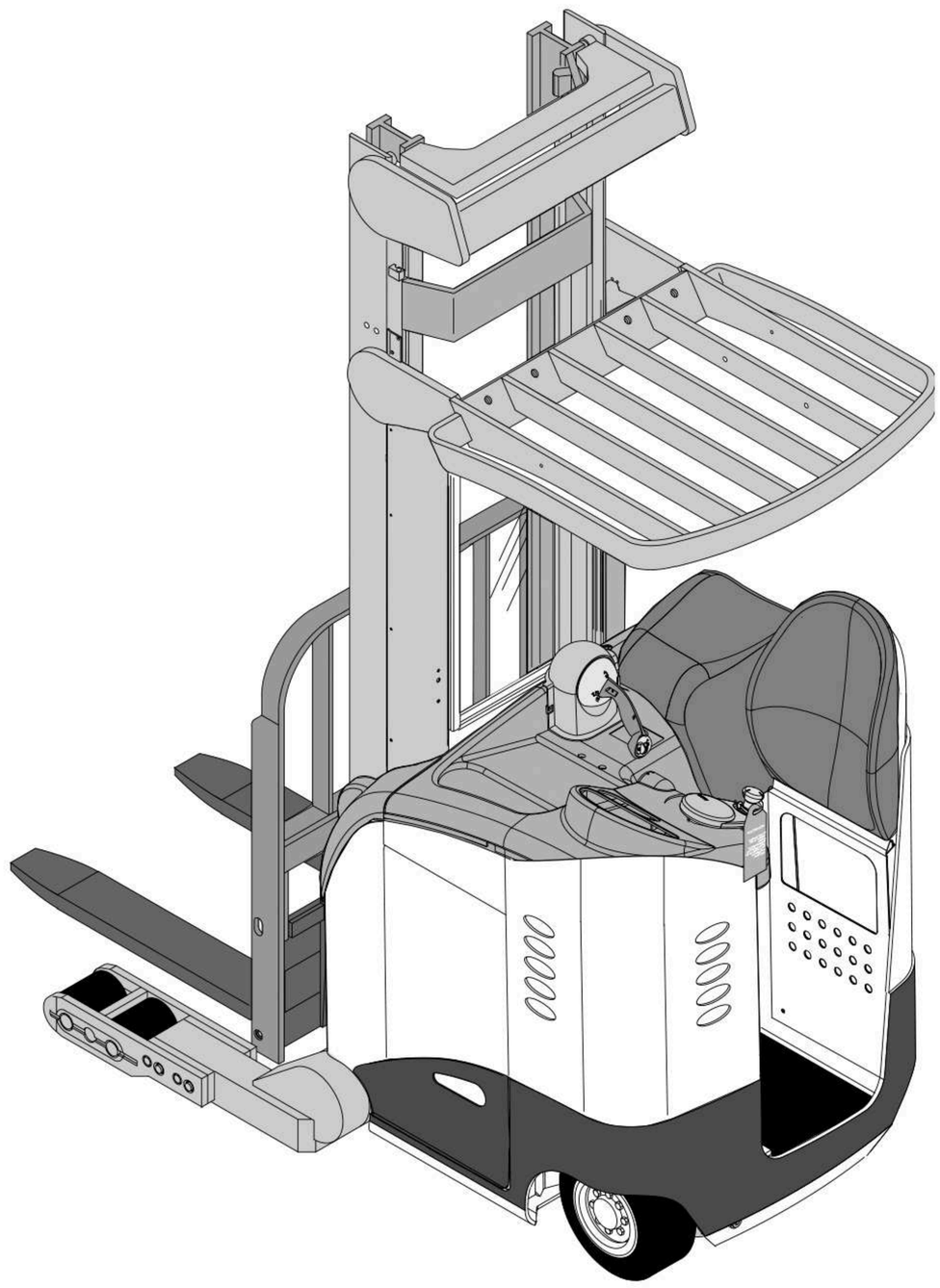
RR 5200 AC

Service & Parts Manual



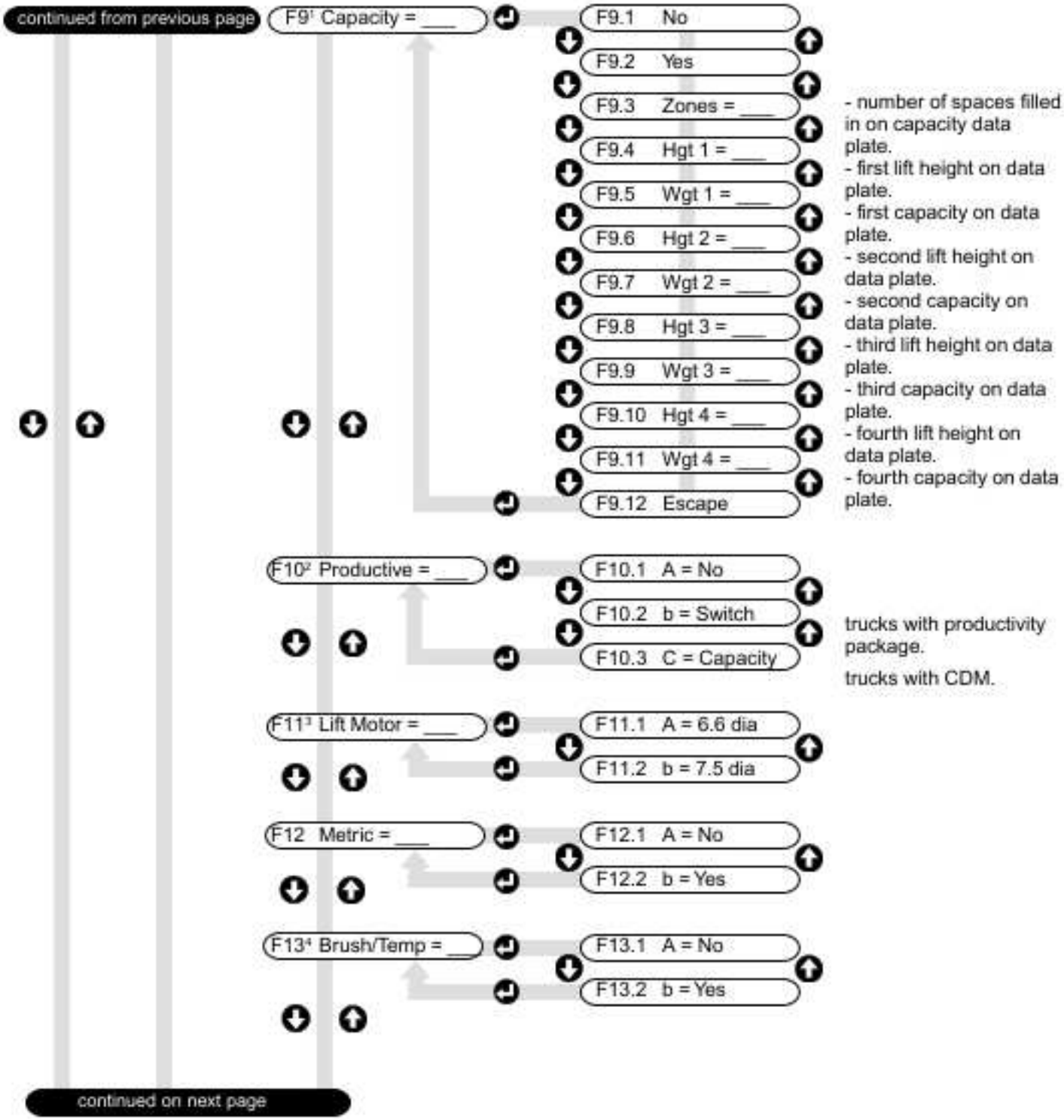
Crown PF13364-006

MidWestTech | Crown RR 5200 AC Reach Truck Service Manual & Parts Catalog | Publication PF13364-006

Order the manual at mid-west-tech.com >

Chart 3 Troubleshooting Brake System		
Problem	Probable Cause	Remedy
Brakes will not release	Air gap more than 1.0 mm (0.040 in)	Adjust
	Open circuit in brake circuitry or wiring	Check floorboard switches and all associated wiring
	Armatures movement restricted by dirt, foreign material	Clean with low pressure air
Brake drag	Air gap more than 0.25 mm (0.010 in)	Adjust
	Brake pad mounting plate or rotor distorted	Replace
	Armatures movement restricted by dirt, foreign material	Clean with low pressure air
Brakes grab	Incorrect stopping distance adjustment	Adjust (see P6/P7 Section M4.3)
	Brake pad mounting plates or rotor distorted	Replace
Stopping distance too long	Incorrect stopping distance adjustment	Adjust (see P6/P7 Section M4.3)
	Brake pad loose or soiled with grease	Replace
Abnormal noise and chatter when brakes applied	Brake pad mounting plates or rotor distorted	Replace
	Brake pads worn out, loose, soiled with grease, foreign material embedded	Replace
Abnormal braking force for lift height or brakes applied without request	Rotor thin, cracked or spline worn	Replace
	Open circuit in brake circuitry or wiring	Check all switches and associated wiring

MidWestTech | Crown RR 5200 AC Reach Truck Service Manual & Parts Catalog | Publicat... Order the manual at mid-west-tech.com >



[1] = menu available on trucks with enhanced display and height sensor.
[2] = 36 volt trucks with productivity package/CDM.
[3] = available on 5200S only.
[4] = menu available on trucks with enhanced display.

MidWestTech | Crown RR 5200 AC Reach Truck Service Manual & Parts Catalog | Publicat... Order the manual at mid-west-tech.com >

Electrical Diagrams Index		
Title	Page Number	Revision
Electrical Schematic, RR/RD 5200 Standard Display	DIA-1452-037	
Electrical Schematic, RR/RD 5200 Enhanced Display	DIA-1452-038	
Electrical Schematic, RR/RD 5200S Standard Display	DIA-1452-039	
Electrical Schematic, RR/RD 5200S Enhanced Display	DIA-1452-040	
Distribution Panel, RR/RD 5200/5200S	DIA-1452-041	
Distribution Panel, RR/RD 5200/5200S W/InfoLink™	DIA-1452-042	
ACCESS 3 (VCM), RR/RD 5200/5200S	DIA-1452-043	
ACCESS 3 (VCM), RR/RD 5200/5200S W/InfoLink™	DIA-1452-044	
ACCESS 2, (HCM) RR/RD 5200/5200S	DIA-1452-045	
ACCESS 2, (HCM) RR/RD 5200/5200S W/InfoLink™	DIA-1452-046	
Hydraulic, Height & Load Sense, RR/RD 5200	DIA-1452-047	
Hydraulic, Height & Load Sense, RR/RD 5200 W/InfoLink™	DIA-1452-048	
Hydraulic, Height & Load Sense, RR/RD 5200S	DIA-1452-049	
Hydraulic, Height & Load Sense, RR/RD 5200S W/InfoLink™	DIA-1452-050	
ACCESS 1 Standard Display, RR/RD 5200/5200S	DIA-1452-051	
ACCESS 1 Enhanced Display, RR/RD 5200/5200S	DIA-1452-052	
Fan, Lights, Contactors, RR/RD 5200	DIA-1452-053	
Fan, Lights, Contactors, RR/RD 5200S	DIA-1452-054	
Traction Brake, RR/RD 5200	DIA-1452-055	
Traction Brake, RR/RD 5200 W/InfoLink™	DIA-1452-056	
Traction & Caster Brake, RR/RD 5200S	DIA-1452-057	
Traction & Caster Brake, RR/RD 5200S W/InfoLink™	DIA-1452-058	
Multi-Function Handle, RR/RD 5200/5200S	DIA-1452-059	
Multi-Function Handle, RR/RD 5200/5200S (AC) W/InfoLink™	DIA-1452-060	
Power Cables, RR/RD 5200	DIA-1452-061	
Power Cables, RR/RD 5200S	DIA-1452-062	
Freezer Condition, RR/RD 5200	DIA-1452-063	
Freezer Condition, RR/RD 5200S	DIA-1452-064	
InfoLink™, RR/RD 5200/5200S (AC)	DIA-1452-065	
Wire Harnesses	DIA-1452-066	
Main Harness Routing RR/RD 5200	DIA-1452-068	
Harness Routing RR/RD 5200	DIA-1452-069	

MidWestTech | Crown RR 5200 AC Reach Truck Service Manual & Parts Catalog | Publicat... Order the manual at mid-west-tech.com >

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.

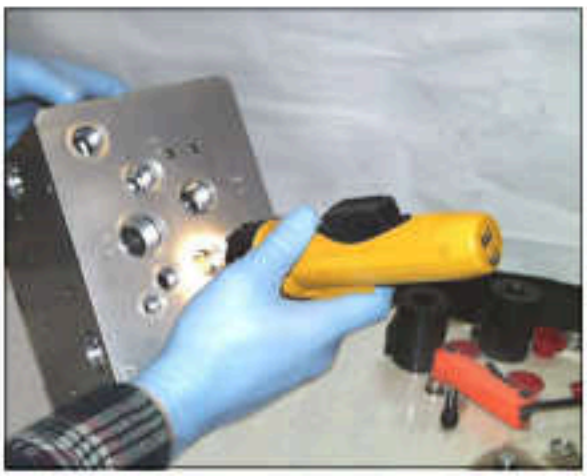


Figure 7939P

MidWestTech | Crown RR 5200 AC Reach Truck Service Manual & Parts Catalog | Publicat... Order the manual at mid-west-tech.com >

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.

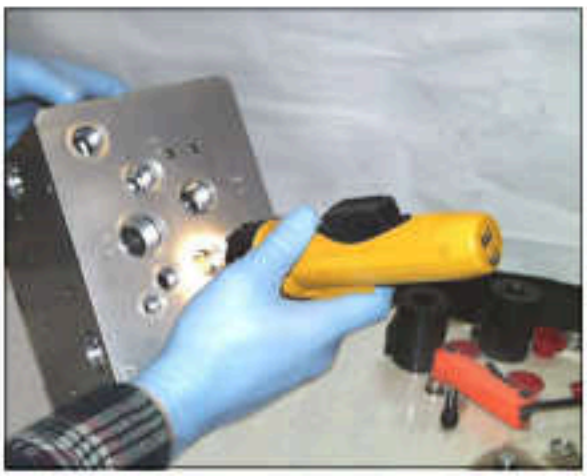


Figure 7939P

MidWestTech | Crown RR 5200 AC Reach Truck Service Manual & Parts Catalog | Publicat... Order the manual at mid-west-tech.com >