SC 4200 SERIES
MAINTENANCE MANUAL



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CROWN

TABLE OF CONTENTS

SAFETY	PAGE	SERIAL NO. CUT	REV.
Cleaning of Material Handling Equipment	**17**		
Cleaning Methods	17		
Control of Hazardous Energy	**18**		
Battery	18		
Safety Rules	18		
Battery Care	18		
Charging	18		
Battery Removal	19		
Battery Installation	19		
Lockout - Tagout	19		
Capacitance	20		
Brake	21		
Releasing Brakes	21		
Hydraulic	22		
Towing Truck	24		
Lifting and Blocking	25		
Mast	27		
Blocking Masts	27		
Disconnecting Tilt Cylinder	29		
Removing Mast	30		
Removing Counterweight	31		
Hose Reel	33		

INTRODUCTION	PAGE	SERIAL NO. CUT	REV.
General	**37**		
Operator Instructions	37		
Driver Training	37		
Service Training	37		
Replacement Parts	37		
Data Plate	**38**		
Truck Data Number	**39**		

LUBRICATION & ADJUSTMENT	PAGE	SERIAL NO. CUT	REV.
Lubrication and Adjustment	**43**		
Component Access	43		
Battery Cover	43		
Left Side Cover	43		
Right Side Cover	43		
Floorboards	43		
Steering Column Covers	43		
Dashboard	44		
Control Lever Cover	44		
Lubrication	44		
Lubrication and Adjustment	**62**		
Componentry	**67**		
ACS	67		
ACCESS 1	67		
ACCESS 2	67		
ACCESS 3	68		

MidWestTech | Crown SC 4200 Forklift Service Manual | Publication 812575-006 Order the manual at mid-west-tech.com >

ALM1 68
ALM2 68
AXS1, AXS2 69
AXS3 69
BREATHER 69
BRK1, BRK2 70
BRKS1 70
BRKS2 70
CBV 71
CYLINDER 71
CYLINDER 71
CYLINDER 72
CYLINDER 72
ECR1 72
ECR2 73
ECR3 73
ECR4 73
FAN1 & FAN2 74
FAN3 74
FIL 74
FILTER 75
FS 75
FU1 75
FU2 76
FU3 76
FU4 76
FU5 77
FU11 77
FU12 77
HGTS1 77
HN1 78
HNS 78
INFOLINK MODULE 78
IMPACT SENSOR 79
K1 79
K11 79
K12 80
KYS 80
L 81
LGS1 81
LGS2 81
LGT1 & LGT21 82
LGT3 82
LGT4 82
LGT5 & LGT6 83
LOAD SENSE PT1 83
Main Relief Valve 83
M1 & M2 84
M3 84
POT1 STR 84
POT2 BRK 85
POT3 ACC 85
POT4 85
Priority Steer Valve 86

MidWestTech | Crown SC 4200 Forklift Service Manual | Publication 812575-006 Order the manual at mid-west-tech.com >

Pump 86
RES2 86
RES3 87
RS 87
SB80 87
SCU 88
SES 88
Strainer 88
THS1 89
THS2 89
TLT 90
TS1 & TS2 90
TS3 90
Metric Torque Values 92
Grade 92
Torque Values 94
Grade 94

HYDRAULIC SYSTEM **PAGE** **SERIAL NO. CUT** **REV.**

Hydraulic Schematic Symbols 99
Hydraulic System 103
General 103
Hydraulic Lines and Fittings 103
Tank and Filters 103
Tank 103
Filters 104
Operational Description 104
Idle Mode 104
Priority Valve 104
Steering 105
Lifting 105
Tilting 105
Control Valve 105
Main Relief Valve Setting 105
Maintenance 105
Drift Test 106
Tilt Drift Test 106
Lift Drift Test 106
Cylinder and Circuit Bleeding 107
Lift Cylinder Circuit 107
Tilt Cylinder Circuit 108
Sideshift Cylinder Circuit 108
Steer Cylinder Circuit 108
Hydraulic Circuitry 109
Pump Maintenance 122
General 122
Pump Disassembly 122
Inspection 123
Pump Reassembly 123
Hydraulic Lines and Fittings 123
Reassembly 123
Hydraulic Manifold Blocks 124
Manifolds 124
Tilt Manifold 124

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Removing Counterweight

1. Move truck to a secure non-traffic maintenance area with a level floor.
2. Lower load engaging means (mast) completely. No load on forks.
3. Lockout or tagout truck described in Lockout - Tagout in this section.
4. Remove battery.
5. Attach a sling and lifting device to all top cross braces of the mast, to prevent tipover.
6. Disconnect all writing to overhead guard at connectors.
7. Attach a sling and lifting device to the rear of the overhead guard to support the guard
8. Remove overhead guard mounting bolts and lift guard from truck.
9. Remove contactor panel compartment cover on the counterweight.
10. Position a pallet truck or other similar lifting device under the counterweight from the rear of the truck and raise to support the weight of the counterweight when the mounting bolts are removed.

WARNING

After mounting bolts holding the counterweight to the truck are removed, the counterweight will be balanced on the pallet truck forks. Use extreme care when moving counterweight to maintain balance.

11. Remove counterweight mounting bolts. Refer to Figure 18246.
12. Carefully move the counterweight away from truck.

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Troubleshooting

If the attachment will not sideshift, or sideshifts slowly, there are six potential problems that could be affecting its performance:

1. Insufficient upper bearing lubrication or worn/damaged bearings (see Bearings).
2. Hydraulic pressure/flow from lift truck is inadequate or excessive.
3. Signs of external leaking.
4. Lower mounting hook clearance is inaccurate (see Sideshifter Installation).
5. Cylinder seals are worn/defective (see Sideshifter Cylinder).
6. Cylinder fittings or flow restrictors are plugged, not installed properly, or are the wrong type (see Sideshifter Cylinder).

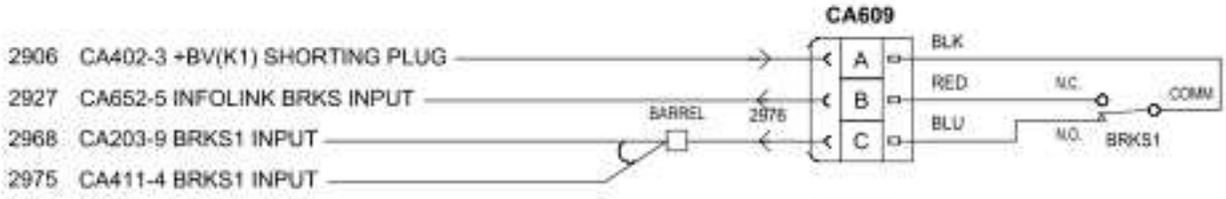
If problems persist, try the following procedures:

Supply Circuit Test

1. Check the supplied pressure at the carriage hose terminals. Recommended pressure is 160 bar, not to exceed 245 bar.
2. Check the flow volume at the carriage hose terminal. Recommended flow is 7.5 l/min, not to exceed 12 l/min, or drop below 4 l/min.
3. Sideshift completely to the left and hold the lever in the "sideshift left" position for a few seconds. Release the lever and inspect fittings, hoses and cylinder rod ends for external leaks.

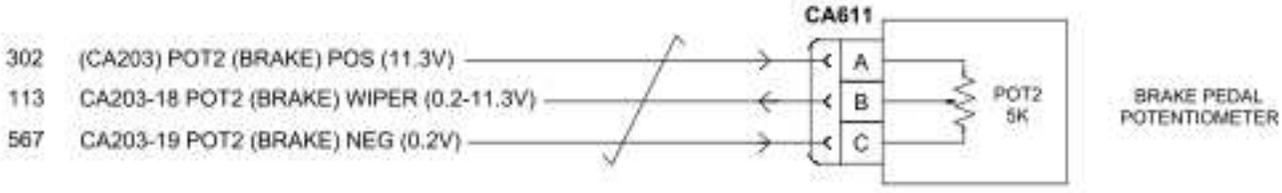
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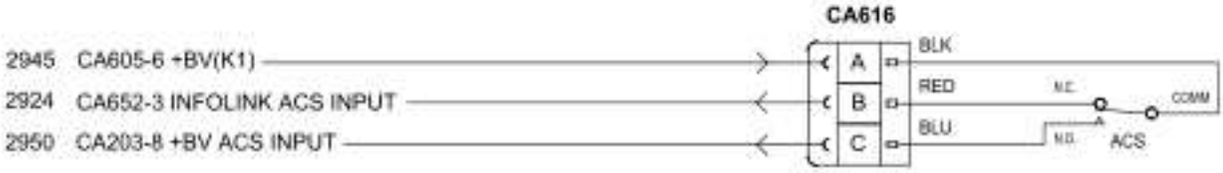


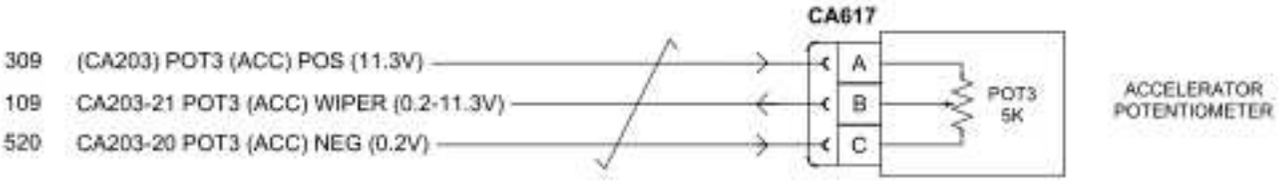


BRKS2 PRESENT ONLY
WITH TAIL LIGHT OPTION



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