921C Wheel Loader

Operators Manual

P.I.N. JEE0155001 and After

Bur 6-36690NA

CASE CONSTRUCTION

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TABLE OF CONTENTS

TO THE OWNER **1**
AFTER DELIVERY CHECK 3
RIGHT, LEFT, FRONT AND REAR SIDES OF THE MACHINE 3
IDENTIFICATION NUMBERS 4
MACHINE COMPONENTS 6

SAFETY/DECALS/HAND SIGNALS **9**
SAFETY RULES 9
UTILITY SAFETY 10
BEFORE OPERATION 11
MACHINE OPERATION 12
PARKING THE MACHINE 12
MAINTENANCE 13
BURN PREVENTION 14
FIRE OR EXPLOSION PREVENTION 14
WHEELS AND TIRES SAFETY 15
HAZARDOUS CHEMICALS 16
INFORMATIONAL DECALS 17
SAFETY DECALS 17
HAND SIGNALS 26

INSTRUMENT/CONTROLS **29**
FRONT CONSOLE ..... 29 - 34
INSTRUMENT PANEL INDICATORS ..... 35 - 48
INFORMATION CENTER ..... 49 - 54
GAUGE DISPLAY ..... 55 - 61
TRANSMISSION DISPLAY CENTER ..... 62 - 64
FOOT PEDALS 65
LOADER CONTROL LEVERS 66
SIDE CONSOLE ..... 77 - 84
MASTER DISCONNECT SWITCH 85
OPERATORS SEAT 89
SEAT BELT 92

OPERATING INSTRUCTIONS **95**
BEFORE STARTING THE ENGINE 95
RUN-IN PROCEDURE 95
SEAT BELT 96
STARTING THE ENGINE 97
STOPPING THE ENGINE AND PARKING THE MACHINE 99
MACHINE OPERATION 104
LOADER CONTROL LEVERS 108
LOADER FUNCTION SWITCHES 113
DECLUTCH 116

TRIM THIS EDGE

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RIGHT PAGE (First)

TRIM THIS EDGE

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RIDE CONTROL 116
BUCKET LEVEL INDICATOR 117
AUXILIARY HYDRAULIC CONNECTION (IF EQUIPPED) 117
ROTATING BEACON (IF EQUIPPED) 118
BRAKE ACCUMULATORS 118
COUPLER PIN ENGAGEMENT (IF EQUIPPED) 119
LOADER OPERATING TIPS 120
TOWING THE MACHINE 122
TRANSPORTING THE MACHINE 123
OPERATING IN COLD WEATHER 125
OPERATING IN HOT WEATHER 127

WHEELS/TIRES/BALLAST 129
BALLAST 129
WHEELS AND TIRES 129

LUBRICATION/FILTERS/FLUIDS 133
GENERAL SAFETY BEFORE YOU SERVICE 133
SYSTEMGARD LUBRICATION ANALYSIS PROGRAM 134
PLASTIC AND RESIN PARTS 135
ENVIRONMENT 135
TRANSPORT/SERVICE LINK 135
ENGINE HOURMETER 136
FLUIDS AND LUBRICANTS 137
LUBRICATION/MAINTENANCE CHART 138
LUBRICATION/MAINTENANCE CHART 139
LUBRICATION/MAINTENANCE CHART 140
ACCESS DOORS 141
GREASE FITTINGS - 50 HOURS 142
GREASE FITTINGS - 100 HOURS 142
GREASE FITTINGS - 250 HOURS 143
GREASE FITTINGS - 1000 HOURS 143
FLUID LEVELS 144
ENGINE LUBRICATION 147
AIR FILTER SYSTEM 152
ENGINE COOLING SYSTEM 156
DIESEL FUEL SYSTEM 159
HYDRAULIC/BRAKE SYSTEM 162
TRANSMISSION 169
AXLES 172
CAB AIR FILTER 175

TRIM THIS EDGE

TRIM THIS EDGE

Bur 6-36690NA

LEFT PAGE

MidWestTech | Case 921C Wheel Loader Operator's Manual | Publication 6-36690 Order the manual at mid-west-tech.com >

MAINTENANCE/ADJUSTMENT **179**
ETHER CONTAINER 179
CAB SERVICE 180
TRANSMISSION CLUTCH CALIBRATION 183
DECLUTCH ADJUSTMENT 184
SECONDARY STEERING CHECK 186
PARKING BRAKE CHECK 187
LOADER ADJUSTMENTS 189
ROLL-OVER PROTECTIVE STRUCTURE 197
TORQUE SPECIFICATIONS FOR SEAT AND SEAT BELTS 199
ALTERNATOR BELT AND AIR CONDITIONING COMPRESSOR BELT . 200
FIRE EXTINGUISHER MOUNTING (If Equipped) 203

ELECTRICAL SYSTEM **205**
BATTERY SERVICE 205
FUSES 207
SERVICE ELECTRICAL CONNECTOR (IF EQUIPPED) 207
AUXILIARY POWER OUTLET (IF EQUIPPED) 208
AUXILIARY POWER EQUIPMENT MOUNTING BRACKET LOCATION . 208
REPLACEMENT BULBS 209

MACHINE STORAGE **211**

SPECIFICATIONS **213**
ENGINE DATA 213
OPERATING DATA AND DIMENSIONS 921C 215
Machines with 3.63 m3 (4.75 yd3) General Purpose Bucket with Teeth and Bolt on Edges 216
Machines with 3.82 m3(5.0 yd3) General Purpose Bucket 217
OPERATING DATA AND DIMENSIONS 921C XR 218
XR Machines with 3.63 m3 (4.75 yd3) General Purpose Bucket 218
XR Machines with 3.63 m3 (4.75 yd3) General Purpose Bucket with Teeth and Bolt on Edges 219
XR Machines with 3.82 m3 (5.0 yd3) General Purpose Bucket 220
OPERATING WEIGHT ADJUSTMENTS 221
SPECIAL BOLT TORQUES 222
AFTER DELIVERY CHECK 231
AFTER DELIVERY CHECK 233

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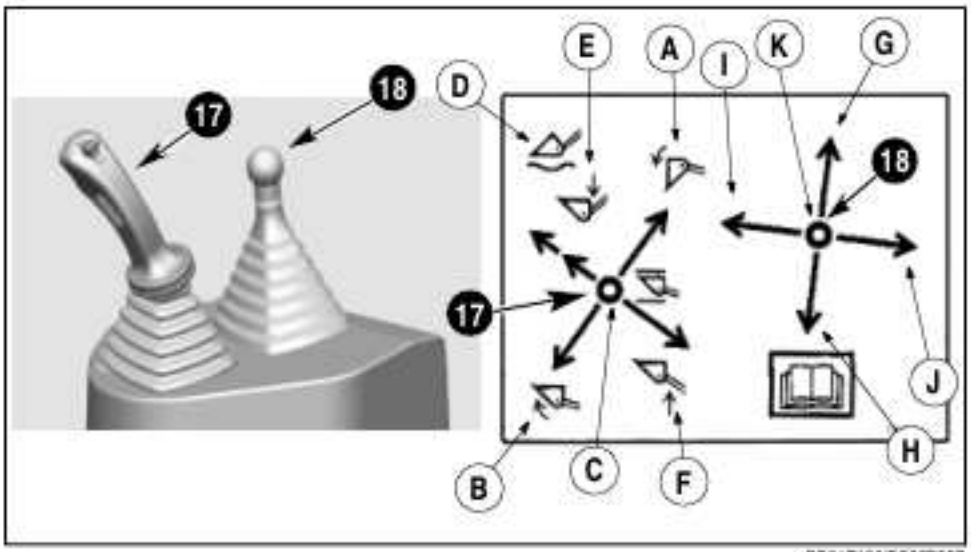
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Four Spool - Two Levers



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17. BUCKET AND LIFT ARM CONTROL

A. DUMP

B. ROLLBACK

C. HOLD: The loader arms and bucket will not move when the control lever is in the HOLD position. When released, the control lever will automatically return to the HOLD position. You must manually move the control lever from the FLOAT position to the HOLD position.

D. FLOAT (Detent): This is a detent position. When in the FLOAT (Detent) position, the loader bucket can follow the level of the ground without movement of the control lever.

E. LOWER

F. RAISE

18. AUXILIARY CONTROL (IF EQUIPPED)

IMPORTANT: *If your machine is equipped with an auxiliary attachment, write the function of the control lever positions next to the letters below.*

G. _____

H. _____

I. _____

J. _____

K. HOLD: There will not be any auxiliary function with the control lever in this position. When released, the control lever will automatically return to the HOLD position.

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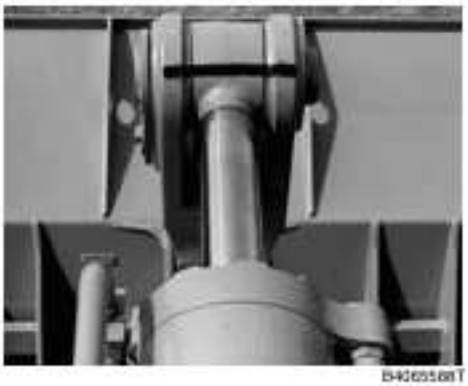
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BUCKET LEVEL INDICATOR

The bottom of the bucket is parallel with the ground when the mark on the bucket linkage is even with the mark on the cylinder rod eye.



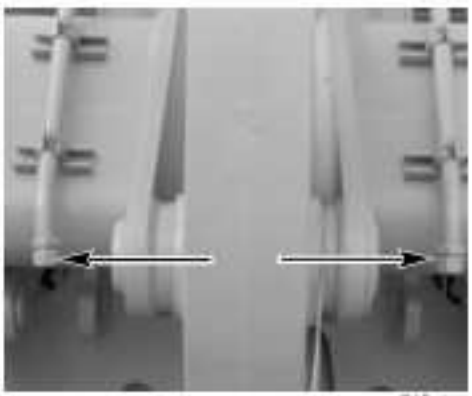
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AUXILIARY HYDRAULIC CONNECTION (IF EQUIPPED)

Your Wheel Loader is equipped with an Auxiliary Hydraulic System. A control lever on the console controls flow to the auxiliary hydraulic connection points on the lift arms.



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Auxiliary Hydraulic System Specifications

921C Wheel Loader

Maximum System Pressure ..... 2 850 PSI (196 bar)

Maximum Capacity at 2 100 Engine RPM ..... 106 GPM (401 L/Min)

IMPORTANT: *Exceeding the Auxiliary Hydraulic System specifications can result in overheating and damaging the hydraulic system.*

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LUBRICATION/MAINTENANCE CHART

PAGE NO.	SERVICE POINTS	NO. OF POINTS	FREQUENCY IN HOURS			
			CHECK	CLEAN	LUBRICATE	DRAIN WATER
152	Air Cleaner (See Note 1)		❊			
163	Hydraulic Filter (See Note 2)		❊			
170	Transmission Filter (See Note 5)		❊			
200	Alternator Drive Belt		10			
201	Air Conditioning Compressor Belt Tension (If Equipped)		10			
149	Engine Oil Level (See Note 3)		10			
157	Deaeration Coolant Level (See Note 4)		50			
170	Transmission Oil Level (engine running oil warm)		50			
170	Hydraulic Reservoir Fluid Level		50			
142	Rear Axle Trunnion Pivots	2			50	
142	Bucket Pivots	3			50	
142	Front Drive Shaft Support Bearing				50	
142	Steering Cylinder Pivots - Closed End	2			100	
142	Steering Cylinder Pivots - Rod End	2			100	
142	Loader Lift Arm and Cylinder Pivots	10			100	

NOTE 1: *Service the air filter elements if the air filter warning lamp illuminates.*
NOTE 2: *Service the hydraulic filters if the hydraulic filter lamp illuminates.*
NOTE 3: *Every 10 hours of operation or once each day, whichever comes first.*
NOTE 4: *Check the deaeration coolant level if the cooling level warning lamp illuminates.*
NOTE 5: *Service transmission filter if transmission filter restriction warning lamp illuminates or 1000 hours whichever comes first.*

❊ - As Needed

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