621D Loader

Operator's Manual

Bur 6-26530

CASE CONSTRUCTION

MidWestTech | Case 621D Loader Operator's Manual | Publication 6-26530NA

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

TABLE OF CONTENTS

TO THE OWNER **1**
AFTER DELIVERY CHECK 4
RIGHT, LEFT, FRONT AND REAR SIDES OF THE MACHINE **4**
IDENTIFICATION NUMBERS 5
MACHINE COMPONENTS 7
SAFETY/DECALS/HAND SIGNALS 9
SAFETY RULES **9**
UTILITY SAFETY 10
PERSONAL SAFETY 11
BEFORE OPERATION 12
MACHINE OPERATION 13
PARKING THE MACHINE 15
BURN PREVENTION 15
FIRE EXTINGUISHER 16
FIRE OR EXPLOSION PREVENTION 17
MAINTENANCE 18
WHEEL AND TIRE MAINTENANCE 19
ROLL-OVER PROTECTIVE STRUCTURE 19
READ OPERATORS MANUAL 20
SAFETY DECALS 20
HAND SIGNALS 32
INSTRUMENT/CONTROLS **35**
FRONT CONSOLE 35-39
INSTRUMENT PANEL INDICATORS 40-54
INFORMATION CENTER 55-60
GAUGE DISPLAY 61-67
TRANSMISSION DISPLAY CENTER 68-70
FOOT PEDALS 71
SIDE CONSOLE 78-84
OPERATORS SEAT 91
SEAT BELT 94
BEFORE STARTING THE ENGINE 97
RUN - IN PROCEDURE 97
SEAT BELT 98
STARTING THE ENGINE 99
STOPPING THE ENGINE AND PARKING THE MACHINE 101
BEFORE YOU OPERATE 107
MACHINE OPERATION 110
CONTROL LEVERS 113
LOADER FUNCTION SWITCHES 120
LOADER CONTROL 122

TRIM THIS EDGE

MidWestTech | Case 621D Loader Operator's Manual | Publication 6-26530NA Order the manual at mid-west-tech.com >

BRAKE ACCUMULATORS 123
CLUTCH CUTOUT 123
BUCKET LEVEL INDICATOR 124
AUXILIARY HYDRAULIC CONNECTION (IF EQUIPPED) 124
ROTATING BEACON (IF EQUIPPED) 125
RIDE CONTROL (IF EQUIPPED) 125
COUPLER PIN ENGAGEMENT (IF EQUIPPED) 126
LOADER OPERATING TIPS 127
TOWING THE MACHINE 129
TRANSPORTING THE MACHINE 130
OPERATING IN COLD WEATHER 132
OPERATING IN HOT WEATHER 134
WHEELS/TIRES/BALLAST 135
TIRE PRESSURE CHART 139
LUBRICATION/FILTERS/FLUIDS 141
GENERAL SAFETY BEFORE YOU SERVICE 141
SUPPORT STRUT FOR LOADER LIFT ARMS 142
TRANSPORT/SERVICE LINK 143
SYSTEMGARD LUBRICATION ANALYSIS PROGRAM 144
PLASTIC AND RESIN PARTS 144
THE ENGINE HOOD 145
ENGINE HOURMETER 146
FLUIDS AND LUBRICANTS - 621D 147
LUBRICATION/MAINTENANCE CHART 148-150
ACCESS DOORS 151
GREASE FITTINGS - 50 HOURS 152
GREASE FITTINGS - 100 HOURS 153
GREASE FITTINGS - 1000 HOURS 154
GREASE FITTINGS - 50 HOURS 155
GREASE FITTINGS - 100 HOURS 156
FLUID LEVELS 157
ENGINE LUBRICATION 161
AIR FILTER SYSTEM 166
ENGINE COOLING SYSTEM 170
DIESEL FUEL SYSTEM 173
HYDRAULIC/BRAKE SYSTEM 178
TRANSMISSION 183
AXLES 186
CAB AIR FILTER 189

TRIM THIS EDGE

MidWestTech | Case 621D Loader Operator's Manual | Publication 6-26530NA Order the manual at mid-west-tech.com >

MAINTENANCE/ADJUSTMENT **193**
CAB SERVICE 194
CLUTCH CUTOUT ADJUSTMENT 198
SECONDARY STEERING CHECK 199
PARKING BRAKE CHECK 200
LOADER ADJUSTMENTS 202
ROLL-OVER PROTECTIVE STRUCTURE 209
TORQUE SPECIFICATIONS FOR SEAT AND SEAT BELTS 212
ALTERNATOR BELT AND AIR CONDITIONING COMPRESSOR BELT . 213
FIRE EXTINGUISHER MOUNTING (IF EQUIPPED) 214
ELECTRICAL SYSTEM **215**
BATTERY SERVICE 215
FUSES 218
REPLACEMENT FUSES 219
SERVICE ELECTRICAL CONNECTOR (IF EQUIPPED) 220
AUXILIARY POWER OUTLET (IF EQUIPPED) 220
AUXILIARY POWER EQUIPMENT MOUNTING BRACKET LOCATION . 221
REPLACEMENT BULBS 222
MACHINE STORAGE **223**
SPECIFICATIONS **225**
ENGINE DATA 621D 225
OPERATING DATA AND DIMENSIONS 226-229
SPECIAL BOLT TORQUES 233

TRIM THIS EDGE

MidWestTech | Case 621D Loader Operator's Manual | Publication 6-26530NA Order the manual at mid-west-tech.com >