W18, W20 and W20B Loaders S/N 192340 & After

Parts Catalog

8-1600

CASE CONSTRUCTION

MidWestTech | Case W18, W20, W20B Wheel Loader Parts Catalog | Publication 8-1600

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

ALPHABETICAL INDEX

A

Accelerator and Linkage 53,55
Air Cleaner 49
Air Compressor 247, 251-259
Air Conditioning 419-423
Alcohol Evaporator 263
Alternators 73-79
Alternator Mounting 111, 113
Auxiliary Steering 119-125
Axle and Axle Mounting 215, 231
  Axle Housing 219, 233
  Brakes 229, 243
  Differential 221-227, 241
  Planetaries 217,219, 233-239

B

Backup Alarm 141
Batteries and Cables 109
Belts
  Alternator and Fan 47
  Compressor, air 47
  Compressor, air conditioning 419
  Seat 385
Block, engine cylinder 29
Blower, cab 117, 139
Brake System
  Air Compressor to reservoir 247
  Air Pressure Protection Valve 279, 303
  Alcohol Evaporator 263
  Brake Actuator 267, 269, 273, 289-297
  Drum Brakes 229
  Caliper Brakes 243
  Governor, air compressor 261
  Master Cylinder 289-297
  Brake Actuator to Wheel Cylinders 269,273
  Parking Brake Valve to Safety Chamber 279
  Parking Brake, transmission 203
  Reservoir - brake fluid 275, 307
  Safety Chamber 299
  Treadle Assembly 281
  Treadle to Master Cylinder and Reservoir 265, 267
  Treadle to Hydraulic Tank and Horn 277
Buckets
  Clam (4-in-1) 357-359
  Standard 355
  Teeth 355-359

C

Cab, operators 395-423
  Air Conditioner and Heater 413-423
  Blower 117,139
  Doors and Windows 399, 401, 407-411
  Electrical and Lighting 115, 117, 137, 139
  Filter and Latches 399
  Mounting Parts 395
  Noise Control 403, 405
  Panels - enclosure, cab to tractor 397
  Windshield Wipers 137, 139
Camshaft, engine 27
Canopy, ROPS 425
Clutch, transmission 197-201
Cold Start System (Ether Injection) 143
Compressor, air 247, 251-259
Compressor, air conditioning 423
Connecting Rods, engine 35
Controls
  Clutch Cutout 267
  Loader Height and Leveling 349
  Loader Lift and Dump 345, 347
  Pedal, accelerator 53
  Pedal, brake, treadle 265, 277-281
  Transmission 177-181
Convertor, torque 189
Cooler, hydraulic oil 161, 163
Counterweight 369
Crankshaft, engine 31
Cylinder - master 289-297
Cylinders Head, engine 23
Cylinders, Hydraulic
  Bucket Tilt 321, 327, 329
  Clam 323, 361-365
  Loader Lift 319, 325
  Steering 169-173
Cylinders, Sleeve, engine 35

D

Decals 23, 427, 429
Defroster 137
Differential 221-227, 241
Dipsticks
  Engine Oil 29
  Hydraulic Reservoir 309
  Transmission Oil 187
Drive Shafts
  Center Bearing 211
  Front, axle end 211
  Front, transmission end 213
  Rear 213

Printed in U.S.A.

Issued March, 1982

MidWestTech | Case W18, W20, W20B Wheel Loader Parts Catalog | Publication 8-1600 Order the manual at mid-west-tech.com >

ALPHABETICAL INDEX

E

Electrical System 73-143
Engine Components
- Alternator 73-79
- Camshaft 27
- Crankshaft 31
- Cylinder Block 29
- Cylinder Head and Cover 23
- Flywheel and Housing 31, 33
- Fuel Filter System 65
- Fuel Injection System 63
- Gasket Kits 41
- Injection Nozzles 71
- Injection Pump 69
- Injection Pump Drive 67
- Manifolds 19
- Oil Filter and Cooler 17
- Oil Pan 39
- Oil Pump 37
- Piston and Connecting Rods 35
- Starter 81-89
- Timing Gear Cover 43
- Turbocharging System 21
- Valve Mechanism 25
- Water Manifold and Thermostat 11
- Water Pump 13, 15

Engine Mounting 45
Evaporator, alcohol 263
Exhaust System 51

F

Fan
- Cab Blower 139
- Defroster 137
- Engine Cooling 47

Fenders 377, 379
Filter
- Air Cleaner 49
- Air, cab 399
- Air, governor 261
- Engine Oil 17
- Fuel 59, 61
- Hydraulic 155, 309, 317
- Injection Pump 69
- Transmission Oil 183, 185

Flywheel, engine 31
Frames
- Loader, Lift 351, 353
- Main, Front 379
- Main, Rear 369

F

Fuel Filter System 65
Fuel Injector Nozzles 71
Fuel Injector System 63
Fuel Lines 57
Fuel Pump 57, 61
Fuel Tank 59

G

Gaskets, engine 41
Gauges - see electrical systems
Governor - air compressor 261
Grille 375
Guard - drive train 383

H

Harness - see Electrical System
Head - engine 23
Heater
- Block - engine 29
- Cab 413-417

Hood and Front Panels 373
Horn, air 277, 305
Hose, radiator 47
Hose and Fitting Conversion Part Numbers 432, 433
Hoses, See Fuel Lines, Brake Assemblies and Hydraulic Circuits
Hydraulic Circuit
- Basic Hydraulics 313
- Loader Bucket Clam 323
- Loader Bucket Lift 319
- Loader Bucket Tilt 321
- Pump to Loader Valve 315
- Steering Pump to Cylinders 169
- Steering Valve to Reservoir 151-155
- Transmission 183

Hydraulic Reservoir Assembly 309-313, 317

I

Index, numerical 434
Injection, fuel 63-71
Instrument Panel 91-95

L

Lamps 105, 127-135
Lift Frame 351, 353
Loader
- Buckets and Attachments 355-359
- Hydraulic Circuits (see Hydraulic Circuits)

Lock Up, front frame 381

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

ALPHABETICAL INDEX

M

Manifold
- Exhaust 19
- Intake 19
- Water 11

Mirrors 397, 425
Mounting
- Axle 215, 231
- Cab 395
- Engine 45
- Radiator 47
- Transmission 187

Mufflers 51

N

Nozzle, ether injection 143
Nozzle, fuel injection 71
Numerical Index 434

O

Oil Cooler, engine 17
Oil Cooler, hydraulic 161, 163
Oil Filter
- Engine 17
- Hydraulic 155, 309
- Transmission 183, 185

Oil Pan, engine 39
Oil Pump, engine 37

P

Pan - engine oil 39
Panel - instrument 91-95
Parking Brake 203, 283, 285
Pedal - accelerator 53
Pedal - brake 265, 277-281
Pistons - engine 35
Pivot Assembly - spindle 371
Pulleys
- Air Compressor 247
- Air Conditioner Compressor 419
- Alternator 111-113
- Alternator and Fan Drive 31
- Fan Mounting 13, 15
- Pump Drive, water 13, 15

Pumps
- Engine - oil 37
- Fuel Injection 69
- Fuel - electric 57, 61
- Hydraulic 175, 313, 315
- Steering 151-157, 167, 175
- Torque Converter 189
- Transmission Charging 205
- Water, engine 13, 15

R

Radiator, engine 47
Regulator, voltage 73-79
Reservoirs
- Air 247, 265
- Brake Fluid 275, 307
- Fuel 59
- Hydraulic Oil 309-313, 317

Rims, wheel 245
Rings, engine piston 35
Rocker Arms, engine 25
Rods, connecting 35
Rods, push 25

S

Seat Mountings 385-393
Senders
- Air Pressure 101, 265, 279
- Engine Oil Pressure 93, 105
- Fuel Gauge 59
- Hydraulic Oil Filter Restriction 155, 317
- Torque Converter Oil Temperature 101
- Water Temperature 101

Shroud, radiator 375
Side Panels, engine 377
Sleeves, piston, engine 35
Slow Moving Vehicle Emblem 431
Solenoid, cab 103
Solenoid, starter 85, 103
Spindle, pivot assembly 371
Starter, engine 81, 83, 87, 89
Steering 145-175
Steps 379
Switches
- Air Pressure 97, 279
- Backup Alarm 103
- Cab Controls 115
- Clutch Pressure 99
- Key and Starter 91
- Lamps 91, 117
- Loader Height Control 349
- Neutral Start 99, 101
- Parking Brake 97
- Rotating Beacon 133
- Return-To-Dig 349
- Steering Motor 123
- Stop Lamp 99, 301
- Turn and Flasher 131

Printed in U.S.A.

Issued March, 1982

MidWestTech | Case W18, W20, W20B Wheel Loader Parts Catalog | Publication 8-1600 Order the manual at mid-west-tech.com >