880R
Excavator

Parts Catalog

A1336

CASE
CONSTRUCTION

MidWestTech | Case 880R Excavator Parts Catalog | Publication A1336

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

ALPHABETICAL INDEX
—BASIC EXCAVATOR SECTION—

A

Accelerator:
- Pedal ... 264-265
- Hydraulics ... 266-267
- Master Cylinder ... 270-271
- Slave Cylinder ... 268-269
- Swivel ... 272-273

Alarm - Back-up ... 472-473
Air Cleaner - Dry Type ... 94-95
Air System:
- Compressor ... 276-279
- Brake Actuator ... 300-301
- Brake Relay Valve ... 306-307
- Digging Brake Valve ... 310-311
- Foot Brake Control ... 298-299
- Governor ... 280-281
- Lines:
  - Compressor to Reservoir to Swivel ... 286-287
  - Swivel to Brake Valve to Control Valve ... 288-291
  - Swivel to Brake Actuator to Wheels and Brake ... 292-293
- Lubrication and Cooling Lines ... 282-283
- Maxibrake Air Chamber ... 302-305
- Parking and Emergency Valve ... 308-309
- Related Parts ... 274-275
- Swivel ... 296-297

Axles:
- Front Steering:
  - Differential ... 150-157
  - Housing ... 146-149
  - Hubs and Shafts ... 158-161
  - Tie Rod ... 166-169
  - Planetary Wheel End ... 162-163
  - Steering Knuckle ... 164-165
  - Wheel Brake ... 170-173
  - Wheel Brake Cylinder ... 172-175
- Introduction ... 144-145
- Lockout Control and Linkage ... 212-213
- Rear Driving:
  - Differential - (with NoSpin) ... 180-185
  - Differential - (without NoSpin) ... 186-193
  - Housing ... 176-179
- Hubs and Shafts ... 194-195
  - NoSpin Assembly ... 210-211
  - Parking Brake ... 198-201
  - Planetary Wheel End ... 196-197
  - Wheel Brake ... 204-207
  - Wheel Brake Cylinder ... 206-209

Auxiliary Control and Linakge ... 370-371
Auxiliary Hydraulics - ("Y" Boom) ... 376-377
Auxiliary Hydraulics - ("E" Boom) ... 378-379

B

Bearing - Turntable ... 254-259
Bearing - Turntable Lubrication Line ... 260-261

B

Boom:
- "E" Boom ... 418-419
- Extension - Tool Boom ... 416-417
- Extendahoe ... 420-421
- Tool Boom ... 414-415
- "Y" Boom ... 414-415

Brakes - Drive - See "Air System"
Brake - Swing ... 344-345
Brake - Swing Control ... 346-347
Buckets:
- Backhoe ... 432-433
- Backhoe (Extendahoe) ... 434-437
- Ditch ... 442-443
- Front Loader ... 440-441
- 4 in 1 ... 452-453

C

Cab:
- Door ... 104-105
- Insulation ... 110-111
- Related Parts ... 100-103
- Upper and Lower Front Windows ... 106-107
- Vandal Guard ... 108-109

Cold Weather Start ... 86-87
Controls:
- Auxiliary ... 370-373
- Axle Lockout ... 212-213
- Corwd ... 362-363
- Fast Hoist ... 458-459
- Forward/Reverse Disconnect ... 236-237
- Hoist ... 370-371
- Outrigger ... 334-335
- Remote Shifter ... 240-241
- Steering ... 316-317
- Swing ... 338-339
- Tool ... 254-255

Cooler - Oil ... 92-93
Counterweight ... 256-259
Cylinders - Hydraulic
- Crowd ... 368-369
- Bucket ... 430-431
- Dipper Extension ... 424-427
- Hoist ... 368-369
- Outrigger ... 336-337
- Steering ... 326-329
- Tool ... 360-361
- Wrist-O-Twist ... 346-347
- 4-in-1 ... 456-457

Issued July 1980

Printed in U.S.A.

MidWestTech | Case 880R Excavator Parts Catalog | Publication A1336

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

ALPHABETICAL INDEX
—BASIC EXCAVATOR SECTION—

D

Decals 466-469
Dipperstick 418-419
Drive Shafts:
- Revers-O-Matic to Transmission 244-245
- Transmission to Front Axle 246-247
- Transmission to Rear Axle 248-251

Dome Light 112-113

E

Electrical:
- Mounting Parts 60-61
- Collector Ring 78-79
- Wiring Harnesses:
  - Cab 70-71
  - Collector Ring 80-81
  - Engine 62-63
  - Electrical Gauges and Jumper Wires 72-73
  - Instrument Panel on Engine Hood 64-65
  - Jumper Wires on Instrument Panel 66-67
  - Main/Lower 68-69
  - Outrigger 74-75
- Solenoid 82-83
- Work Lights and Guards 76-77

Engine - Related Parts 88-89
Engine - See Separate Index
Engine - Shrouding 142-143
Engine - Shrouding Insulation 143A-143B
Extendahoe 420-421

F

Fast Hoist:
- Electrical 462-463
- Hydraulics 460-461
- Linkage 458-459

Filter - Hydraulic Oil 394-397

H

Heater - Cab 114-135
Hydraulic Tubing:
- Auxiliary 376-377
- Crowd 364-365
- Extendahoe 348-349
- Fast Hoist 460-461
- Hoist 374-375
- Oil Cooler 386-387
- Outrigger 330-333
- Reservoir to Pump to Swivel and Return 380-383

H

Steering 312-315
Swing Motor 348-349
Swivel to Main Valves and Return 354-385
Tool or Bucket 356-359
Wrist-o-Twist 448-449

K

Kit - Alcohol Evaporation 464-465
Kit - Cold Weather Start 86-87

M

Main Frame 136-137
Maxibrake Chamber and Parking Brake Mounting Parts 202-203
Motors:
- Steering Actuator 320-321
- Swing 350-351
- Wiper 112-113

O

Oil Cooler 92-93
Outrigger - Arms, Shoes and Pins 140-141

P

Panel - Instrument 84-85
Pump - Main Hydraulic 398-399
Pump Drive Shaft 98-99

R

Radiator 92-93
Reducer - Swing 340-343
Reservoir - Oil 400-401
Revers-O-Matic Drive:
- Cooling Lines 242-243
- Control Valve 230-231
- Forward/Reverse Shift Control 236-237
- Forward/Reverse Disconnect Pedal Control 238-239
- Input Shaft and Clutch 228-229
- Oil Manifold and Filter 234-235
- Primary Pump 232-233
- Shuttle Transmission 226-227
- Torque Converter Housing 222-223
- Torque Converter 224-225

Printed in U.S.A.

Issued July 1980

MidWestTech | Case 880R Excavator Parts Catalog | Publication A1336 Order the manual at mid-west-tech.com >

ALPHABETICAL INDEX
—BASIC EXCAVATOR SECTION—

S

Seat - Operator's 254-255
Shrouds:
  Engine 142-143
  Turntable 252-255
Swivels:
  Accelerator 272-273
  Air 296-297
  Center 262-263
  Eight (8) Port 388-393

T

Tank - Fuel 96-97
Tool Box 470-471
Tooth - Ripper 444-445
Transmission - 4 Speed Drop Box 216-217

V

Valves:
  2-Spool Main Control (Outrigger) 402-403
  3-SPool Main Control
    (Fast Hoist, Crowd and Swing) 404-405
  3-Spool Main Control
    (Auxiliary, Hoist and Tool) 406-407
  Inline Relief 412-413
  Main Relief Cartridge 408-409
  Port Relief Cartridge 410-411
  Steering Reversing 318-319

W

Wheels and Tires 214-215
Windshield Wiper 112-113
Wrist-O-Twist 446-447

Issued July 1980

Printed in U.S.A.

MidWestTech | Case 880R Excavator Parts Catalog | Publication A1336 Order the manual at mid-west-tech.com >