# PARTS CATALOG

# LONG REACH CRAWLER EXCAVATOR

# CX210B LR

87578834 NA

Issued 01 Mar07

MidWestTech | Case CX210B LR Long Reach Excavator Parts Catalog | Publication 87578834NA

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

# TABLE OF CONTENTS


| | |
|---|---|
| 02-01 | ENGINE MOUNTING - ENGINE |
| 02-02 | ENGINE MOUNTING - ENGINE |
| 02-03 | AIR CLEANER |
| 02-04 | EXHAUST SYSTEM - MUFFLER |
| 02-05 | RADIATOR AND CONNECTIONS |
| 02-06 | COOLANT RECOVERY SYSTEM |
| 02-07 | RADIATOR ASSY |
| 02-08 | PACKAGE SEALS - ENGINE |
| 02-09 | PACKAGE SEALS - ENGINE |
| 02-10 | COVER - CYLINDER HEAD |
| 02-11 | CYLINDER HEAD - VALVE MECHANISM |
| 02-12 | CYLINDER HEAD |
| 02-13 | CYLINDER BLOCK |
| 02-14 | CYLINDER BLOCK |
| 02-15 | OIL PAN |
| 02-16 | CAMSHAFT - VALVE MECHANISM |
| 02-17 | CAMSHAFT - GEAR, IDLER |
| 02-18 | PISTONS AND CRANKSHAFT |
| 02-19 | ENGINE FLYWHEEL HOUSING |
| 02-20 | ENGINE FLYWHEEL HOUSING |
| 02-21 | INTAKE PIPE |
| 02-22 | EXHAUST PIPE |
| 02-23 | BREATHER |
| 02-24 | WATER PUMP SYSTEM |
| 02-25 | ENGINE WATER CIRCUIT - THERMOSTAT |
| 02-26 | ENGINE WATER CIRCUIT |
| 02-27 | BELT AND VENTILATOR - FAN GUARD |
| 02-28 | TURBOCHARGER |
| 02-29 | TURBOCHARGER |
| 02-30 | OIL COOLER - ENGINE |
| 02-31 | OIL PUMP |
| 02-32 | OIL CIRCUIT |
| 02-33 | EXHAUST GAS RECIRCULATION SYSTEM |
| 02-34 | BRACKET - FAN GUARD |
| 02-35 | ENGINE FLYWHEEL HOUSING |
| 02-36 | ENGINE FLYWHEEL HOUSING |
| 03-01 | FUEL TANK |
| 03-02 | FUEL LINES |
| 03-03 | FUEL FILLING PUMP - OPTIONAL |
| 03-04 | OIL CIRCUIT |
| 03-05 | OIL CIRCUIT |
| 03-06 | OIL CIRCUIT |
| 03-07 | OIL FILTER |
| 03-08 | OIL CIRCUIT |
| 03-09 | FUEL SYSTEM |
| 04-01 | ELECTRICAL ACCESSORIES - ENGINE |
| 04-02 | ELECTRICAL ACCESSORIES - ENGINE |
| 04-03 | ELECTRICAL ACCESSORIES - ENGINE |
| 04-04 | BRACKET |
| 04-05 | HARNESS, MAIN - CHASSIS, UPPERSTRUCTURE |
| 04-06 | HARNESS, MAIN - RELAY PANEL |


MidWestTech | Case CX210B LR Long Reach Excavator Parts Catalog | Publication 87578... Order the manual at mid-west-tech.com >

# TABLE OF CONTENTS


| | |
|---|---|
| 04-07 | ELECTRICAL - CAB |
| 04-08 | TRAVEL ALARM |
| 04-09 | CONVERTER |
| 04-10 | CAB ELECTRICAL - WIPER, WINDSHIELD |
| 04-11 | HORN |
| 04-12 | LAMP, WORK |
| 04-13 | CONTROLLER |
| 04-14 | BATTERY - CABLES |
| 04-15 | RADIO |
| 04-16 | WINDSHIELD WASHER |
| 05-01 | UNDERCARRIAGE |
| 05-02 | GUIDE, CHAIN |
| 05-03 | UNDERCARRIAGE COVER, LOWER |
| 05-04 | TRACK CHAINS, 600 MM (23-5/8 IN) |
| 05-05 | TRACK CHAINS, 700 MM (27-5/8 IN) |
| 05-06 | TRACK CHAINS, 800 MM (31-1/2 IN) |
| 05-07 | TRACK - IDLER |
| 05-08 | TRACK - ADJUSTER |
| 05-09 | TRACK - ROLLER, UPPER |
| 05-10 | TRACK - ROLLER, LOWER |
| 06-01 | TRACK DRIVE ASSY |
| 06-02 | MOTOR ASSY - GEAR ASSY, REDUCTION |
| 06-03 | MOTOR ASSY - TRACK DRIVE |
| 06-04 | MOTOR ASSY - TRAVEL, INLET AND OUTLET |
| 06-05 | HYDRAULICS - TRACK DRIVE |
| 06-06 | HYDRAULICS - TRAVEL |
| 08-01 | HYDRAULIC RESERVOIR |
| 08-03 | PUMP ASSY, HYDRAULIC - STANDARD - COUPLING |
| 08-05 | HYDRAULICS - PUMP SUCTION LINE |
| 08-06 | HYDRAULICS - CONTROL VALVE SUPPLY |
| 08-07 | HYDRAULICS - RESERVOIR RETURN |
| 08-08 | HYDRAULICS - DRAIN LINE |
| 08-09 | HYDRAULICS - SWING |
| 08-10 | HYDRAULICS - BOOM |
| 08-11 | HYDRAULICS - ARM AND BUCKET |
| 08-12 | HYDRAULICS - ARM CYLINDER LINE |
| 08-18 | PILOT CONTROL LINE - LONG REACH |
| 08-19 | PILOT CONTROL LINES, TRAVEL - TWO WAY |
| 08-20 | PILOT CONTROL LINES, ATTACHMENT - TWO WAY |
| 08-21 | PILOT CONTROL LINES, PARTITION - TWO WAY |
| 08-22 | PILOT CONTROL LINES, CONTROL VALVE - TWO WAY |
| 08-23 | HYDRAULICS - PILOT PRESSURE, RETURN LINES |
| 08-24 | HYDRAULICS - PILOT PRESSURE, RETURN LINES |
| 08-25 | HYDRAULICS - PILOT PRESSURE, RETURN LINES |
| 08-28 | HYDRAULICS, AUXILIARY - DOUBLE ACTING CIRCUIT, PEDAL ACTIVATED |
| 08-29 | HYDRAULICS, AUXILIARY - DOUBLE ACTING CIRCUIT, PEDAL ACTIVATED |
| 08-30 | HYDRAULICS, AUXILIARY - DOUBLE ACTING CIRCUIT, HAND OPERATED |
| 08-31 | HYDRAULICS, AUXILIARY - DOUBLE ACTING CIRCUIT, HAND OPERATED |
| 08-44 | PLUG |
| 08-46 | PLUG |
| 08-48 | PLUG |


MidWestTech | Case CX210B LR Long Reach Excavator Parts Catalog | Publication 87578... Order the manual at mid-west-tech.com >

# TABLE OF CONTENTS


| | |
|---|---|
| 08-49 | PLUG |
| 08-52 | MOUNTING - SWING MOTOR |
| 08-55 | HYDRAULICS - JOINT, SWIVEL CENTER |
| 08-56 | KRJ10310 CONTROL VALVE - SUPPORT |
| 08-70 | VALVE, CUSHION - PILOT CONTROL LINES |
| 08-72 | VALVE, CONTROL - TRAVEL |
| 08-73 | VALVE, SOLENOID - PILOT PRESSURE, RETURN LINES |
| 08-75 | VALVE, SOLENOID |
| 08-79 | VALVE ASSY - FOOT CONTROL |
| 08-80 | VALVE, PILOT - PILOT CONTROL LINES |
| 08-81 | VALVE, SOLENOID - AUXILIARY HYDRAULICS |
| 08-82 | VALVE, REMOTE CONTROL |
| 08-83 | CYLINDER ASSY, BOOM, RIGHT HAND |
| 08-84 | CYLINDER ASSY, BOOM, LEFT HAND |
| 08-85 | CYLINDER ASSY - ARM |
| 08-87 | KRJ10290 PUMP ASSY, HYDRAULIC - PISTON |
| 08-88 | KRJ10290 PUMP ASSY, HYDRAULIC - GEAR PUMP ASSY |
| 08-89 | KRJ10290 PUMP ASSY, HYDRAULIC - VALVE ASSY |
| 08-90 | KRJ10290 PUMP ASSY, HYDRAULIC - REGULATOR |
| 08-91 | KRJ10290 PUMP ASSY, HYDRAULIC - REGULATOR |
| 09-01 | TURNTABLE BEARING |
| 09-02 | TURNTABLE |
| 09-03 | TURNTABLE - ACCESS COVERS |
| 09-04 | COUNTERWEIGHT - SOUNDPROOFING |
| 09-05 | FRAMES, COVERS - INSULATION |
| 09-06 | ACCESS DOOR - INSULATION |
| 09-07 | HOOD, ENGINE - INSULATION |
| 09-08 | STORAGE BOX - INSULATION |
| 09-09 | CONTROLS - OPERATORS COMPARTMENT |
| 09-10 | SERVICE VALVE CONTROL - RIGHT HAND |
| 09-11 | SERVICE VALVE CONTROL - LEFT HAND |
| 09-12 | MAT, FLOOR - OPERATORS COMPARTMENT |
| 09-13 | MAT, FLOOR - OPERATORS COMPARTMENT - MODELS WITH PEDAL ACTIVATED AUXILIARY HYDRAULICS |
| 09-14 | REAR STAND |
| 09-15 | SEAT MECHANICAL |
| 09-15A | SEAT AND MOUNTING |
| 09-16 | SEAT, MOUNTING |
| 09-17 | HAND CONTROL, LEFT-HAND ARM |
| 09-18 | HAND CONTROL, RIGHT-HAND ARM |
| 09-19 | DOG CHAIN |
| 09-20 | AIR CONDITIONING - DUCTS |
| 09-21 | AIR CONDITIONING SYSTEM |
| 09-22 | AIR CONDITIONING - EVAPORATOR |
| 09-23 | AIR CONDITIONING - CONDENSER AND RECEIVER-DRIER |
| 09-24 | CAB - AIR CONDITIONING |
| 09-25 | AIR CONDITIONING - CONDENSER AND RECEIVER-DRIER |
| 09-26 | CAB - SIDE GLASS AND ELECTRONIC CONTROL UNIT |
| 09-27 | CAB - LOWER FRONT AND REAR GLASS AND HANDRAILS |
| 09-28 | CAB DOOR |
| 09-29 | CAB - ROOF, OPENABLE WINDOW |


MidWestTech | Case CX210B LR Long Reach Excavator Parts Catalog | Publication 87578... Order the manual at mid-west-tech.com >

## CYLINDER BLOCK

| REF | FN | PART NUMBER | YR/SN | QTY | DESCRIPTION |
|---|---|---|---|---|---|
| 0-20 | | REF | | 1 | INSTRUCTION, See Figure 02-19 |
| 1 | | 87595818 | | 1 | CYLINDER BLOCK, Incl. 4, 23A, 23B, 70A, 70B, 97B, 136, 211A, 211B, 212, 406; See Figure 02-14 |
| 2 | | 87595823 | | 4 | LINER, ENGINE CYLINDER, Incl. 4 |
| 2 | | 87595824 | | 4 | LINER, ENGINE CYLINDER, Incl. 4 |
| 4 | | 87435183 | | 4 | SLEEVE, OD Grade=1X, ID=N |
| 4 | | 87379453 | | 4 | LINER, ENGINE CYLINDER, OD Grade=3X, ID=N |
| 23A | | 289076A1 | | 1 | CUP |
| 23B | | 87398694 | | 3 | CUPEL |
| 34 | | 87595841 | | 1 | VALVE, PRESSURE RELIEF |
| 56 | | 72109546 | | 4 | NOZZLE, LUB. OIL JET |
| 70A | | 289076A1 | | 1 | CUP |
| 70B | | 87379455 | | 4 | PLUG |
| 97A | | 353962A1 | | 1 | PLUG |
| 97B | | 368501A1 | | 3 | CUP |
| 132 | | 289174A1 | | 4 | VALVE, CHECK |
| 136 | | 87377938 | | 2 | BUSHING |
| 211A | | 87595398 | | 10 | SCREW |
| 211B | | 438151A1 | | 17 | SCREW, M10 x 82 |
| 212 | | 87379458 | | 2 | PIN |
| 406 | | 289415A1 | | 2 | PLUG |



MidWestTech | Case CX210B LR Long Reach Excavator Parts Catalog | Publication 87578... Order the manual at mid-west-tech.com >

## BELT AND VENTILATOR - FAN GUARD

| REF | FN | PART NUMBER | YR/SN | QTY | DESCRIPTION |
|---|---|---|---|---|---|
| 0-12 | | REF | | | INSTRUCTION, See Figure 02-13 |
| 0-15 | | REF | | | INSTRUCTION, See Figure 02-18 |
| 0-30 | | REF | | | INSTRUCTION, See Figure 02-24 |
| 0-60 | | REF | | 1 | INSTRUCTION, See Figure 04-01 |
| 1A | | 447004A1 | | 1 | FAN |
| 26 | | 87596527 | | 4 | SCREW |
| 36 | | 87596530 | | 1 | BELT |
| 38A | | 87596535 | | 2 | SPACER |
| 80 | | 87596537 | | 1 | PLATE, ADJUSTING |
| 81 | | 288759A1 | | 1 | SCREW |
| 82 | | 87596539 | | 1 | NUT |
| 88 | | 289793A1 | | 1 | WASHER |
| 93 | | 87596428 | | 1 | SCREW |
| 96 | | 71455244 | | 1 | SCREW |
| 110 | | 289760A1 | | 2 | SCREW |
| 327 | | 289797A1 | | 4 | WASHER |



MidWestTech | Case CX210B LR Long Reach Excavator Parts Catalog | Publication 87578... Order the manual at mid-west-tech.com >

## PILOT CONTROL LINES, ATTACHMENT - TWO WAY

| REF | FN | PART NUMBER | YR/SN | QTY | DESCRIPTION |
|---|---|---|---|---|---|
| 1 | | KHJ1402 | | 2 | ADAPTER, Incl. 2 |
| 2 | | 154475A1 | | 1 | O-RING |
| 3 | | 152128A1 | | 3 | ADAPTER, 3/8" NPT O-Ring x 3/8" NPT, Incl. 4 |
| 4 | | 154475A1 | | 1 | O-RING |
| 5 | | 161842A1 | | 1 | ADAPTER, Incl. 6 |
| 6 | | 154467A1 | | 1 | O-RING |
| 8 | | 159211A1 | | 4 | HOSE ASSY., 2000 mm (78-3/4 in) |
| 9 | | 159213A1 | | 2 | HOSE ASSY., 1150 mm (45-1/4 in) |
| 10 | | 152128A1 | | 2 | ADAPTER, 3/8" NPT O-Ring x 3/8" NPT, Incl. 11 |
| 11 | | 154475A1 | | 1 | O-RING |
| 12 | | KHJ1402 | | 2 | ADAPTER, Incl. 13 |
| 13 | | 154475A1 | | 1 | O-RING |
| 14 | | 152128A1 | | 3 | ADAPTER, 3/8" NPT O-Ring x 3/8" NPT, Incl. 15 |
| 15 | | 154475A1 | | 1 | O-RING |
| 16 | | 161842A1 | | 1 | ADAPTER, Incl. 17 |
| 17 | | 154467A1 | | 1 | O-RING |
| 19 | | 159217A1 | | 2 | HOSE ASSY., 1850 mm (72-7/8 in) |
| 20 | | KRJ4381 | | 2 | HOSE ASSY., 1800 mm (70-7/8 in) |
| 21 | | 159213A1 | | 2 | HOSE ASSY., 1150 mm (45-3/8 in) |
| 22 | | 152128A1 | | 2 | ADAPTER, 3/8" NPT O-Ring x 3/8" NPT, Incl. 23 |
| 23 | | 154475A1 | | 1 | O-RING |
| 32 | | KHJ2249 | | 1 | HOSE ASSY., 950 mm (37-3/8 in) |
| 33 | | KHJ2249 | | 1 | HOSE ASSY., 950 mm (37-3/8 in) |
| 34 | | KHJ11520 | | 1 | HOSE ASSY., 900 mm (45-3/8 in) |
| 35 | | KHJ11520 | | 1 | HOSE ASSY., 900 mm (45-3/8 in) |
| 38 | | 152127A1 | | 2 | CONNECTOR, HYD., 1/4" NPT O-Ring x 1/4" NPT, Incl. 39 |
| 39 | | 154467A1 | | 1 | O-RING |
| 40 | | 152128A1 | | 2 | ADAPTER, 3/8" NPT O-Ring x 3/8" NPT, Incl. 41 |
| 41 | | 154475A1 | | 1 | O-RING |
| 42 | | KRJ5903 | | 1 | MANIFOLD |
| 43 | | 828-8100 | | 4 | BOLT, Hex, M8 x 100, 10.9 |
| 44 | | 153081A1 | | 4 | WASHER |
| 46 | | KHJ13770 | | 1 | CLAMP |
| 47 | | KHJ13760 | | 1 | CLAMP |



MidWestTech | Case CX210B LR Long Reach Excavator Parts Catalog | Publication 87578... Order the manual at mid-west-tech.com >