

JCB COMPACT SERVICE MANUALS 2011

COVERED EQUIPMENT

DVD S1

Micro Excavator

Micro Excavator 1006000 Onwards

Micro Plus Excavator 1007000 Onwards

Micro Excavator 1148300 Onwards

Micro Plus Excavator 1148300 Onwards

Micro 8008 Excavator 1239500 Onwards

Midi Excavator

8052 802000 - 803999

8052 1178000 Onwards

8060 883000 - 884999

8060 1236000 Onwards

9803/9330 8080 1024000 Onwards

9803/9990 8085 1071500 Onwards

9803/9890 8055 1536000 to 1537499

8065 1537500 to 1538999

Mini Excavator

9803/9300 8027Z 898000 Onwards

8032Z 899000 Onwards

9803/3145 802.7 plus 747084 to 747210

802.7 super 747211 Onwards

803 plus 765607 Onwards

803 super 765607 Onwards

804 plus 734402 to 734629

804 super 734630 to 735365

804 super 735366 Onwards

9803/3140 802 732001 to 732449

802.4 732450 to 732999

802 super 733001 to 733847

802 super 733848 Onwards

9803/3130 801.4 720001 Onwards

801.5 730001 to 730614

801.6 728750 to 729999

9803/3105 8013 893000 Onwards

8015 894000 to 89599

8015 1020000 to 1023999

8017 896000 to 896999

8018 897000 to 897999

801 Gravemaster

9803/9350 8014 1156000 Onwards

8016 1155000 Onwards

8018 1046000 Onwards

9803/9410 8025Z 1226500 Onwards

8030Z 1228500 Onwards

8035Z 1230500 Onwards

9803/9360 8040Z 1056000 Onwards

8045Z 1057000 Onwards

9803/3161 801 645001 to 645999

9803/9600 8020 1284000 to 1284999

Wheel Loading Shovel

9803/4210 407B, 408B, 409B,410B,411B 755000 Onwards

407B, 408B, 409B 1136000 Onwards

9803/4200 406, 408 630000 Onwards

407,409 632700 Onwards

9803/4310 406, 409 1163000 Onwards

9803/9490 403 1070000 to 1070499

Teletruk

9803/3400 Teletruk 2.0D/G, 2.5D/G, 3.0 D/G 788001Onwards

Teletruk 4x4 3.0D, 4x4 3.5 D 788001Onwards

9803/9510 Teletruk 2.0D/G, 2.5D/G, 3.0 D/G 788001Onwards

Teletruk 4x4 3.0D, 4x4 3.5 D 788001Onwards

1CX Backhoe Loader

9803/8550 1CX 751600 to 752999

1CX 806000 Onwards

208S 751600 to 752999

208S 806000 Onwards

9803/9960 1CX 751600 to 752999

1CX 806000 Onwards

208S 751600 to 752999

208S 806000 Onwards

9803/9340 JCB MINI CX 930000 Onwards

Robot

9803/8500 Robot 150 678000 Onwards

Robot 165, 165HF 678000 Onwards

9803/8510 Robot 185, 185HF 746001 to 746999 and
804000 to 804458

Robot 1105, 1105HF 746001 to 746999 and
804000 to 804458

9803/8520 Robot 160 680001 Onwards

Robot 170, 170HF 680001 Onwards

Robot 180T, 180T HF 1162000 Onwards

9803/9450 Robot 160 1602000 to 1604999

Robot 170, 170HF, 180, 180HF 1602000 to 1604999

Robot 180T, 180T HF 1803000 to 1806999

9803/9460 Robot 190, 190HF, 1291500 to 1294999

Robot 1110, 1110HF 1291500 to 1294999

Robot 190T, 190T HF 1407000 to 1409999

Robot 1110T, 1110T HF 1407000 to 1409999

9803/8530 Robot 190 888000 Onwards

Robot 1110 888000 Onwards

9803/9950 Robot 260W, 280W, 300W, 330W, 260T, 300T,
320T

1745010 Onwards

Robot Fault Finding 160, 170

Robot Fault Finding 190, 1110

Groundcare

JCB Tracked Dumpster TD7, 1008000 Onwards

JCB Tracked Dumpster TD 10, TD10SL, TD10HL 1011000 Onwards

JCB Tracked Dumpster HTD5, 1360000. Onwards

Groundhog 6x4 1157000 - 1158999

Groundhog 4x4 1444000 - 1446999

515-40 1627500 - 1628499

Engine

Isuzu Engine A-4JG1

Isuzu Engine 4HK1 - 4HK1

JCB Diesel 400 Series Engine

JCB Diesel 100 Series Engine

Isuzu Engine AA-6HK1T, BB-6HK1T

Isuzu Engine AA-4BG1T, AA-6BG1BB-4BG1T, BB-6BG1T

Isuzu Engine AA-6SD1T

JCB Dieselmex Engine (SA - SC Build)

JCB Dieselmex Engine (SE Build)

JCB Diesel 1000 Series Engine (AA - AH)

JCB Diesel 1000 Series Engine (AJ - AS)

JCB Diesel 1100 Series Engine (RE - RG)

JCB Diesel 403D/404D Series Engine (GN - GQ)

Deutz 2009 Engine Service Manual

Deutz 2011 Engine Service Manual

Lombardini CHD series Engine

Lombardini CHD Maintenance

Isuzu A1-4JJ1

DVD S2

Transmission

JCB Transmission Manual 9803/8610

Allison Transmission Manual 9803/4040

Backhoe Loader

2CX, 2DX 657001 to 763230

210, 212 481196 Onwards

2CX 930000 Onwards

210, 212 903000 Onwards

Midi CX Backhoe Loader 972021 to 985136 and 1327001 to 1349999

3CX, 4CX 290000 to 400000

3CX, 4CX 400001 to 4600000

214e, 214, 215, 217

3CX, 4CX 460001 to 499999 and 920001 to 930000

214e, 214, 215, 217 900001 Onwards

3CX, 4CX 930001 to 960000

214e, 214, 215, 217 903000 Onwards

3CX, 4CX (with JCB 444 Engine) 960001 to 985136 and 1327001 to 1349999

3DX, (India) TBA

9813/0250 3CX, 4CX 2000000 onwards

Engine

Isuzu Engine A-4JG1

Isuzu Engine 4HK1 - 4HK1

JCB Diesel 400 Series Engine Supersedes 9806/2190

Isuzu Engine AA-6HK1T, BB-6HK1T

Isuzu Engine AA-4BG1T, AA-6BG1BB-4BG1T, BB-6BG1T

Isuzu Engine AA-6SD1T

JCB Diesel 100 Series Engine

Deutz 2011 Engine Service Manual

JCB Dieselmex Engine (SA - SC Build)

JCB Dieselmex Engine (SE Build)

JCB Diesel 1000 Series Engine (AA - AH)

JCB Diesel 1000 Series Engine (AJ - AS)

JCB Diesel 1100 Series Engine (RE - RG)

JCB Diesel 403D/404D Series Engine (GN - GQ)

DVD S2A

Loadall

*ALL = Machine model only appears in this Service Manual.

520 ALL: 270587 onwards

520-2, 520-4 ALL

520M-2, 520M-4 ALL

525-2, 525-4 ALL

525B-2, 525B-4 ALL

530-3, 530-4 ALL

530B-2, 530B-4 ALL

540B-2, 540B-4 ALL

540BM-2, 540BM-4 ALL

525B-HL (Supplement: Servo Hydraulics) ALL: 273492 Onwards

530B-HL (Supplement: Servo Hydraulics) ALL: 581641 Onwards

525-58 (Includes Basic Servo Option) ALL: 561001 Onwards

525-67 (Includes Basic Servo Option) ALL: 561001 Onwards

527-58 ALL: 572775 Onwards

527-67 ALL: 572775 Onwards

530-67 ALL: 571001 Onwards

530-95 ALL: 564980 Onwards

530-110 (Includes PlaceAce & Servo Options) ALL: 563359 Onwards

530-120 (Includes PlaceAce & Servo Options) ALL: 562601 Onwards

535-67 ALL: 572775 Onwards

537-120 ALL: 572900 Onwards

537-130 ALL: 572900 Onwards

(N.America)

505-19 (Includes Basic Servo Option) ALL: 561001 - 579365

505-22 (Includes Basic Servo Option) ALL: 561001 - 579365

506-36 (Includes Servo Options) ALL: 563359 - 579999

506B ALL: 570000 - 579766

508-40 (Includes PlaceAce & Servo Options) ALL: 562601 - 579365

510-40 ALL: 564542 - 579365

520-55, ALL: 277001 - 280299

526, 526S 279289 - 280299

526-55 ALL: 277468 - 279288

(N.America)

504B ALL: 277001 Onwards

526 ALL: 279289 Onwards

530-70 ALL: 768740 - 1185999

1232500 - 1232999

533-105 786756 - 1185999

535-60 ALL: 1064599 - 1185999

535-95 778295 - 1185999

540-70 ALL: 771065 - 1185999

1232500 -1232999

532-120 ALL: 796000 - 1185999

535-125 796102 - 1185999

535-140 796102 - 1185999

537-135, 550 ALL: 796102 - 1185999

540-140 796102 - 1185999

1232517 - 1232526

540-170, 5508 796102 - 1185999

(N.America)

506B, 506C, 506 (HL), 508C ALL

Supplement: 532-120H, 527-135H ALL

528-70 796000 -1181999

528S 796102 - 1181999

Supplement: Load Control ALL

Supplement: Man Basket (LK1) ALL

526-55 (JCB 444 Engine) 1182000 Onwards

526S (JCB 444 Engine) 1182000 Onwards

528-70 (JCB 444 Engine) 1182000 Onwards

528S (JCB 444 Engine) 1182000 Onwards

531-70 (JCB 444 Engine) 1186000 Onwards

533-105 (JCB 444 Engine) 1186000 Onwards

535-95 (JCB 444 Engine) 1186000 Onwards

535-125 (JCB 444 Engine) 1186000 Onwards

535-140 (JCB 444 Engine) 1186000 Onwards

536-60 (JCB 444 Engine) 1186000 Onwards

540-140 (JCB 444 Engine) 1186000 Onwards

540-170 (JCB 444 Engine) 1186000 Onwards

541-70 (JCB 444 Engine) 1186000 Onwards

550-140 (JCB 444 Engine) 1186000 Onwards

550-170 (JCB 444 Engine) 1186000 Onwards

Compact: 520-50, 520 (N. Am) ALL: 754001 Onwards

Compact: 525-50 ALL: 789308 Onwards

Compact: 525-50S ALL: 1037581 Onwards

Compact: 515-40, 520-40 ALL: 1012000 Onwards

Compact: 524-50, 527-55 ALL: 1068000 Onwards

531-70 (JCB 444 Engine) Tier III Engine 1508000 Onwards

533-105 (JCB 444 Engine) Tier III Engine 1508000 Onwards

535-95 (JCB 444 Engine) Tier III Engine 1508000 Onwards

536-60 (JCB 444 Engine) Tier III Engine 1508000 Onwards

536-70 (JCB 444 Engine) Tier III Engine 1508000 Onwards

526-56 (JCB 444 Engine) Tier III Engine 1508000 Onwards

541-70 (JCB 444 Engine) Tier III Engine 1508000 Onwards

506-36 1402000 - 1404999

507-42 1402000 - 1404999

509-42 1402000 - 1404999

510-56 1402000 - 1404999

540-170 1186000 Onwards

550-140 1186000 Onwards

540-140 1186000 Onwards

550-170 1186000 Onwards

535-125 HiViz 1186000 Onwards

535-140 HiViz 1186000 Onwards

515-40 1627500 - 1628499

527-58 1473000 - 1473999

TM200 TM270 TM300

TM200 0633777 Onwards

TM270 0787000 Onwards

TM300 1017000 Onwards

TM310 M1314700 Onwards

RTFL

926 602000 Onwards

930 607700 Onwards

940 660300 Onwards

DVD S3

ADT

714 0830000 Onwards

718 0832000 Onwards

722 0833000 Onwards

Fastrac

9803/8000 125, 135, 145, 150, 155, 185

9803/8010 1115, 1115S, 1125, 1135 0636001 Onwards

9803/8020 2115, 2125, 2135, 2150 0738000 Onwards

3155, 3185 0640000 Onwards

2140 0741000 Onwards

3170, 3170 Plus, 3190, 3190 Plus, 3220, 3220 Plus 0643000 Onwards

8250 1138000 Onwards

2155, 2170 742000 Onwards

Fastrac 7170 Tier III 135000 Onwards

Fastrac 7200 Tier III 135000 Onwards

Fastrac 7230 Tier III 135000 Onwards

8250 Tier III 139000 to 1147999

3000 XTRA Series Fastrac 1272000 onwards

Wheeled Loader

446 540000 Onwards

456 539000 Onwards

411 527000 Onwards

416 529000 Onwards

426 531001 Onwards

436 533001 Onwards

446 540000 to 540011

412S 535000 Onwards

414S 537000 Onwards

416S 543000 Onwards

434S 1244000 Onwards

430Z India

Vibromax

VMS 55 From 1401000 to 1401999

VMS 71 From 1450000 to 1450499

VMS 71-20 From 1450000 to 1450499

VMS 71-30 From 1450000 to 1450499

VM 1500 From 1601990

VM 160-90 From 2802000 to 2804999

VM 260-100 From 2802000 to 2804999

VM 260-120 From 2802000 to 2804999

VM 115 Tier II From 1800000

VM 132 Tier II From 1800000

VM 146 Tier II From 1800000

VM 166 Tier II From 1800000

VM 200 Tier II From 1800000

VM 115 Tier III From 1801240

VM 132 Tier III From 1801295

VM 146 Tier III From 1800000

VM 166 Tier III From 1800000

VM 200 Tier III From 1801145

VMT860 From 2802400

VMD70/100 2703000 to 2704999

70B

W1500 upto Serial Number JKC42000799

W1500 Serial Number JKC42000800 onwards

253/263

255/265

355/365/455/465

752

752C

405/605/606

1103

1105/1106/1405/1805

VM66

VM46

VM116/VM146/VM166/VM186

VM106

Engines

Isuzu 6SB1T

Isuzu 6HK1

Isuzu 4BG1/6BG1

Isuzu 4JG1

Isuzu Engine 4HK1 - 4HK1

Isuzu Engine AA-6SD1T

Isuzu A1-4JJ1 - Tier III

Cummins QSB Electronic

Cummins QSB

Cummins C Series

Cummins B Series

Cummins - QSB5.9 Troubleshooting and Repair

JCB Diesel 1000 Series Engine

JCB Diesel 1100 Series Engine

JCB Diesel 400 Series Engine Supersedes 9806/2190

JCB Diesel 100 Series Engine

Deutz 2011 Engine Service Manual

JCB Dieselmax Engine (SA - SC Build)

JCB Dieselmax Engine (SE Build)

JCB Diesel 1000 Series Engine (AA - AH)

JCB Diesel 1100 Series Engine (RE - RG)

JCB Diesel 403D/404D Series Engine (GN - GQ)

Deutz D2009/TD2009

DVD S3A

JZ Tracked Excavators

JZ70 834001 Onwards

JZ140 Tier II 1137000 Onwards

JZ140 Tier III 1390000 to 1390499

JZ235 1234500 to 1235499

JZ255 1234500 to 1235499

JS Wheeled Excavators

JS130W (R3) 716001 to 716499

JS150W (R3) 718001 Onwards

JS130W 716500 Onwards

JS145W 816000 Onwards

JS160W 718500 Onwards

JS175W 875000 Onwards

JS175W Auto 1235500 Onwards

JS130W Auto Tier III 1060300 Onwards

JS145W Auto Tier III 1314300 Onwards

JS160W Auto Tier III 1421600 Onwards

JS175W Auto Tier III 1505100 Onwards

JS200W 809000 Onwards

JS200W Auto Tier III 1314600 Onwards

JS Tracked Excavators

JS Fault Finding

AMS Supplement

Track Service Manual

NLA JS70 (R3) 695001 - 695500

JS70 695501 Onwards

JS110 (R3) 697002 Onwards

JS130 (R3) 699002 Onwards

JS150LC (R3) 701002 Onwards

JS130 758000 Onwards

JS160 702000 Onwards

JS180 702132 Onwards

JS115 Auto 11680031 - 1168999

JS130 Auto 1058100 - 1058999 and 1179000 - 1179999

JS130 LC Auto 1180001 Onwards

JS145 Auto 1289000 - 1289999

JS160 Auto 1059000 - 1059999

JS180 Auto 1059000 - 1059999

JS190 Auto 1224000 - 1224499 and 1238000 - 1238999

JS115 Auto Tier III 1703500 to 1703599

JS130 Auto Tier III 1703500 to 1703599

JS145 Auto Tier III 1600011to 1600999

JS160 Auto Tier III 1612500 to 1612899

JS180 Auto Tier III 1612500 to 1612899

JS190 Auto Tier III 1314100 to 1314299

JS200 (R3) 704002 to M705000

JS240 (R3) 708002 to M708500

JS300 (R3) 712002 Onwards,

JS450 (R3) 714002 Onwards

JS200 705001 Onwards

JS210 705648 Onwards

JS220 705001 Onwards

JS240 708501 Onwards

JS260 708501 Onwards

JS200 Auto 1018001-1019999, 1202500-1203999, 1701500-1702499

JS210 Auto 1018001-1019999, 1202500-1203999, 1701500-1702499

JS220 Auto 1018001-1019999, 1202500-1203999, 1701500-1702499

JS240 Auto 1040000 - 1041999

JS260 Auto 1040000 - 1041999

JS200 Auto Tier III 1610000 - 1612499

JS210 Auto Tier III 1610000 - 1612499

JS220 Auto Tier III 1610000 - 1612499

JS235 Auto Tier III 1314000 - 1314099

JS240 Auto Tier III 1504700 - 1505099

JS260 Auto Tier III 1504700 - 1505099

Russia JS200 Auto Tier III 1610000 to 1612499

JS210 Auto Tier III 1610000 to 1612499

JS220 Auto Tier III 1610000 to 1612499

JS235 Auto Tier III 1314000 to 1314099

JS240 Auto Tier III 1504700 to 1505099

JS260 Auto Tier III 1504700 to 1505099

Brazil JS200 Auto Tier III 1610000 to 1612499

JS210 Auto Tier III 1610000 to 1612499

JS220 Auto Tier III 1610000 to 1612499

JS235 Auto Tier III 1314000 to 1314099

JS240 Auto Tier III 1504700 to 1505099

JS260 Auto Tier III 1504700 to 1505099

JS290 Auto Tier III 1421200 Onwards

JS330 712501 Onwards

JS450 714501 Onwards

JS460 714550 Onwards

JS330 Auto Tier II and Tier III 1224510 to 1224999, 1240500 to 1240999

Russia JS330 Auto Tier III 1224510 to 1224999

JS360 Auto Tier III 1807000 to 1807299

Attachments

Hammermaster/ Rockbreaker

Attachments

HM Range Medium and Large Hydraulic Breakers 1095001 onwards

Engines

Isuzu 6SB1T - See disk S3

Isuzu 6HK1 - See disk S3

Isuzu 4BG1/6BG1- See disk S3

Isuzu 4JG1 - See disk S3

Isuzu Engine 4HK1 - 4HK1 - See disk S3

Isuzu Engine AA-6SD1T - See disk S3

Isuzu A1-4JJ1 - Tier III - See disk S3

Cummins QSB Electronic -See disk S3

Cummins QSB - See disk S3

Cummins C Series -See disk S3

Cummins B Series -See disk S3

Cummins - QSB5.9 Troubleshooting and Repair -See disk S3

JCB Diesel 1000 Series Engine -See disk S3

JCB Diesel 1100 Series Engine -See disk S3

JCB Diesel 400 Series Engine -See disk S3 Supersedes 9806/2190

JCB Diesel 100 Series Engine -See disk S3

Deutz 2011 Engine Service Manual -See disk S3

DVD S4

REPAIR TIME SCHEDULES

SERVICE DATABOOK

WARRANTY CODE GUIDEBOOK

SERVICEMASTER MACHINE DIAGNOSTICS

SERVICE TOOL GUIDE

<https://epcdepo.com>