521D Wheel Loader
ASN JEE0135501

Parts Catalog

Print No. 47817328
Replaces No. 7-8563
Issued 12/2014

CASE CONSTRUCTION

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

TABLE OF CONTENTS

02-01	MOUNT, ENGINE
02-02	RADIATOR - MOUNTING
02-03	FAN - FAN BELT
02-04	COOLANT RECOVERY SYSTEM
02-05	COOLING SYSTEM
02-06	COOLING SYSTEM - MOTOR, DRIVE (MOUNTING)
02-07	COOLING SYSTEM - MOTOR, DRIVE (STANDARD FAN DRIVE)
02-07A	COOLING SYSTEM - MOTOR, DRIVE (STANDARD FAN DRIVE) - IF USED
02-08	COOLING SYSTEM - MOTOR, DRIVE (REVERSIBLE FAN DRIVE)
02-08A	COOLING SYSTEM - MOTOR, DRIVE (REVERSIBLE FAN DRIVE)
02-09	VALVE ASSY - FAN
02-09A	MOTOR, DRIVE (REVERSIBLE FAN DRIVE)
02-10	AIR CLEANER - AIR INTAKE PARTS
02-10A	BREATHER - ENGINE - STANDARD
02-10B	AIR CLEANER ASSY
02-11	MUFFLER - EXHAUST SYSTEM
02-12	MUFFLER - EXHAUST SYSTEM - IF USED
02-13	MUFFLER - EXHAUST SYSTEM - STANDARD/ASPIRATOR SPARK ARRESTER
02-13A	MUFFLER - SPARK ARRESTER/ASPIRATOR
02-14	ENGINE
02-15	ENGINE, OIL
02-16	OIL PUMP - ENGINE
02-17	OIL FILTERS - ENGINE
02-18	OIL FILTER AND COOLER
02-19	OIL PUMP, PAN
02-20	OIL PUMP, PAN - DRAIN LINE
02-21	BREATHER - ENGINE
02-22	TURBOCHARGER SYSTEM
02-23	TURBOCHARGER
02-24	WATER PUMP
02-25	WATER PUMP - CONTROL
02-26	CYLINDER BLOCK
02-27	CYLINDER BLOCK - PLUG ASSY

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

TABLE OF CONTENTS

02-28	CYLINDER BLOCK
02-29	FLYWHEEL HOUSING
02-30	GEAR COVER - REAR HOUSING
02-31	FRONT GEAR COVER
02-31A	FRONT GEAR COVER - PLATE
02-32	CYLINDER HEAD - COVERS
02-33	CYLINDER HEAD - VALVE MECHANISM
02-34	CYLINDER HEAD
02-35	MANIFOLD - INTAKE
02-36	MANIFOLD - EXHAUST
02-37	CAMSHAFT
02-38	CRANKSHAFT
02-39	CRANKSHAFT - PULLEY
02-40	FLYWHEEL - ENGINE
02-41	CONNECTING ROD
02-42	PISTONS - CONNECTING ROD
02-43	COOLING SYSTEM - ENGINE
02-44	THERMOSTAT - ENGINE COOLING SYSTEM
02-45	ENGINE - LIFT HOOK
02-46	ENGINE - BLOCK HEATER
02-47	ENGINE - COLD START SYSTEM
03-01	CONTROLS - THROTTLE, FOOT
03-02	PEDAL ASSY - THROTTLE, FOOT
03-03	FUEL LINES - FILTER, IN-LINE FUEL
03-04	FUEL TANK FILLER - SENDER
03-05	FUEL PUMP
03-06	FUEL INJECTION PUMP
03-07	FUEL INJECTION SYSTEM - PUMP MOUNTING
03-08	FUEL INJECTION SYSTEM - FUEL, SUPPLY
03-09	FUEL INJECTION SYSTEM - DRAIN LINE
03-10	FUEL INJECTION SYSTEM
03-11	FUEL INJECTION SYSTEM - INJECTOR
03-12	FUEL INJECTION SYSTEM - TURBOCHARGER, PIPES AND CONNECTIONS

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

TABLE OF CONTENTS

03-13	FUEL FILTER
04-01	STARTER - BOSCH
04-01A	STARTER - DENSO
04-02	ALTERNATOR - IF USED
04-02A	ALTERNATOR - IF USED
04-03	ALTERNATOR ASSEMBLY
04-04	PANEL, CONTROL - SWITCHES - CAB
04-05	PANEL, CONTROL - SWITCHES - CANOPY
04-06	HARNESS, FRONT (Z BAR LOADER)
04-06A	HARNESS, FRONT (Z BAR LOADER)
04-07	HARNESS, FRONT (XT LOADER) - IF USED
04-07A	HARNESS, FRONT (XT LOADER) - IF USED
04-07B	HARNESS, FRONT (XT LOADER) - IF USED
04-08	HARNESS - PEDESTAL
04-09	HARNESS - CAB ROOF
04-10	HARNESS - HOOD
04-11	HARNESS - CAB, MAIN
04-12	HARNESS - CANOPY ROOF
04-13	HARNESS - CANOPY, MAIN
04-14	HARNESS - TRANSMISSION
04-15	HARNESS - ENGINE
04-15A	HARNESS - ENGINE - GRID HEATER
04-15B	HARNESS - GRID HEATER - RELAY PANEL
04-15C	HARNESS - GRID HEATER - IF USED
04-16	HARNESS - ENGINE - RELAY PANEL
04-16A	HARNESS - ENGINE - GRID HEATER
04-17	HARNESS, REAR CHASSIS
04-17A	HARNESS - REAR CHASSIS - IF USED
04-17B	HARNESS - REAR CHASSIS - IF USED
04-18	HARNESS, REAR - RELAY PANEL
04-18A	HARNESS, REAR - RELAY PANEL - IF USED
04-19	HARNESS - CIGAR LIGHTER
04-20	BATTERY - CABLES - BOSCH STARTER - IF USED
04-20A	BATTERY - CABLES - DENSO STARTER - IF USED

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

HARNESS - CANOPY, MAIN

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		REF			INSTRUCTION POWER DISTRIBUTION CENTER
1		REF		1	INSTRUCTION HARNESS Cab Main; SEE FIG 04-11
1A		A187813		1	DIODE
2		840-1660		3	SCREW Pan, M6 x 60mm, Cl 4.8
3		895-15008		1	WASHER M8 x 20 x 1.6
4		832-10408		1	NUT M8 x 1.25, Cl 8
5		A149798		11	FUSE 5 amp; Tan
6		A149800		2	FUSE 10 amp; Red
7		A149799		6	FUSE 7,5 amp; Brown
8		326845A1		11	RELAY 24V
9		S243558		2	CIRCUIT-BREAKER
10		760-14319		4	SELF-TAP SCREW Pan Hd, M4.2 x 19
11		249152A3		1	BRACKET
12		515-23254		1	CLAMP 1", Insul, 3/8" Bolt
13		627-10020		1	BOLT Hex, M10 x 1.5 x 20mm, Cl 10.9, Full Thd
14		895-18010		3	WASHER M10 x 18 x 1.6
15		832-10410		1	NUT M10 x 1.5, Cl 8
16		232363A1		1	MODULE Power Off Timer
17		232364A1		1	FLASHER UNIT No. 10
18		840-1616		8	SCREW Pan, M6 x 16mm, Cl 4.8
19		895-11006		8	WASHER M6 x 12mm OD x 1.6mm
19A		832-10406		2	NUT M6 x 1, Cl 8
20		515-23190		1	CLAMP 3/4", Insul, 3/8" Bolt
21		896-11012		1	WASHER M13.5 x 24.5mm OD x 3mm Thk
22		895-18010		2	WASHER M10 x 18 x 1.6
23		829-1410		1	NUT M10 x 1.5, Cl 10.9
24		F22316		1	RESISTOR 75 ohm
25		760-14325		1	SELF-TAP SCREW Pan Hd, M4.2 x 25

521D-CASE WHEEL LOADER - NA (S/N JEE0135501 & AFTER)

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

RADIO - MOUNTING -12 VOLT

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		REF			INSTRUCTION RADIO READY SYSTEM
		REF			INSTRUCTION 12 VOLT
1		197745A1		1	ANTENNA
2		316654A1		1	CABLE ASSY. Antenna
3		316655A1		1	GROUND CABLE
4		893-11006		1	LOCK WASHER Ext Tooth, M6
5		829-1406		1	NUT Hex, M6 x 1, Cl 10.9 M6; 10.9
6		277919A2		1	HARNESS Radio
7		A149799		1	FUSE 7,5 amp
8		277982A1		1	TRANSFORMER 24 - 12 V
9		319160A1		1	WIRE HARNESS Radio
10		316666A2		1	SUPPORT Radio; Use Existing Hardware
13		182721A2		2	SPEAKER 5-1/2
14		187281A1		2	COVER
15		761-17325		8	SELF-TAP SCREW Pan Hd, M4.2 x 25
16		302862A1		8	SPRING NUT
17		L18331		2	CABLE TIE 8mm W x 375.9 mm OAL CABLE STRAP 15"
18		169850C2		2	CABLE CLIP
19		760-14113		2	SELF-TAP SCREW Pan Hd, M3.5 x 13

MidWestTech | Case 521D Wheel Loader Parts Catalog | Publication 47817328 Order the manual at mid-west-tech.com >

FRAME-LOADER LIFT AND LINKAGE (XT) - IF USED

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		REF			INSTRUCTION XT LOADER LIFT ARM
		REF			INSTRUCTION PLATED PINS HAVE BEEN REMOVED
1		87343694		1	LIFT ARM ARM Loader Lift; Incl. 1A-1E
1A		87613439		2	BUSHING BUSHING, Lift Arm; Replaces 87346262
1B		87613440		2	BUSHING BUSHING, Lift Arm; Replaces 87346263
1C		87613441		2	BUSHING BUSHING, Lift Arm; Replaces 87346264
1 D		87613427		2	BUSHING BUSHING, Dump Link; Replaces 369432A2
1E		87613435		4	BUSHING Large, Anchor Link; Replaces 8500303
2		D95147		16	WIPER SEAL Rod 69.8
3		D95146		12	WIPER SEAL Rod 63.5
4		D95145		12	WIPER SEAL Rod 57.125
5		87447627		2	LINKAGE Anchor; 5A, 5B
5A		87613428		1	BUSHING Anchor; Replaces 369433A2
5B		87613435		1	BUSHING Large, Anchor; Replaces 8500303
6		87343715		2	BELLCRANK Bellcrank; Left Hand
7		87343720		2	BELLCRANK Bellcrank; Right Hand
8		87447635		4	LINKAGE Guide
9		87452240		1	LINKAGE Dump; Incl. 9A, 9B
9A		87613432		1	BUSHING BUSHING, Lift Arm; Replaces 379191A2
9B		87613427		2	BUSHING BUSHING, Dump Link; Replaces 369432A2
10		87452240		1	LINKAGE LINK Dump; Incl. 10A, 10B
10A		87613432		1	BUSHING BUSHING, Lift Arm; Replaces 379191A2

521D-CASE WHEEL LOADER - NA (S/N JEE0135501 & AFTER)

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