321F

Compact Wheel Loader HS, ZB Tier 4

Parts Catalog

Print No. 47830200PC CASE
Issued 07/2021

CASE CONSTRUCTION

MidWestTech | Case 321F HS, ZB Tier 4 Compact Wheel Loader Parts Catalog | Publication 47830200

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

TABLE OF CONTENTS

00.000.00	01	PICTORIAL INDEX - MAIN SECTIONS
00.000.00	02	PICTORIAL INDEX - MAIN SECTIONS
00.000.05		PICTORIAL INDEX - MACHINE COMPLATION AND EQUIPMENT
00.000.10	01	PICTORIAL INDEX - ENGINE
00.000.10	02	PICTORIAL INDEX - ENGINE
00.000.19		PICTORIAL INDEX - POWER COUPLING
00.000.23		PICTORIAL INDEX - FOUR WHEEL DRIVE SYSTEM
00.000.25	01	PICTORIAL INDEX - FRONT AXLE
00.000.25	02	PICTORIAL INDEX - FRONT AXLE
00.000.25	03	PICTORIAL INDEX - FRONT AXLE
00.000.27	01	PICTORIAL INDEX - REAR AXLE
00.000.27	02	PICTORIAL INDEX - REAR AXLE
00.000.27	03	PICTORIAL INDEX - REAR AXLE
00.000.29		PICTORIAL INDEX - IDROSTATID DRIVE
00.000.33		PICTORIAL INDEX - BRAKES & CONTROLS
00.000.35	01	PICTORIAL INDEX - HYDRAULIC SYSTEMS
00.000.35	02	PICTORIAL INDEX - HYDRAULIC SYSTEMS
00.000.35	03	PICTORIAL INDEX - HYDRAULIC SYSTEMS
00.000.35	04	PICTORIAL INDEX - HYDRAULIC SYSTEMS
00.000.39		PICTORIAL INDEX - FRAMES
00.000.41		PICTORIAL INDEX - STEERING
00.000.44	01	PICTORIAL INDEX - FRONT WHEEL
00.000.44	02	PICTORIAL INDEX - REAR WHEEL
00.000.50		PICTORIAL INDEX - CAB CLIMATE CONTROL
00.000.55	01	PICTORIAL INDEX - ELECTRICAL SYSTEMS
00.000.55	02	PICTORIAL INDEX - ELECTRICAL SYSTEMS
00.000.55	03	PICTORIAL INDEX - ELECTRICAL SYSTEMS
00.000.55	04	PICTORIAL INDEX - ELECTRICAL SYSTEMS
00.000.55	05	PICTORIAL INDEX - ELECTRICAL SYSTEMS
00.000.55	06	PICTORIAL INDEX - ELECTRICAL SYSTEMS
00.000.55	07	PICTORIAL INDEX - ELECTRICAL SYSTEMS
00.000.71		PICTORIAL INDEX - LUBRICATION SYSTEM
00.000.82	01	PICTORIAL INDEX - FRONT LOADER
00.000.82	02	PICTORIAL INDEX - FRONT LOADER

MidWestTech | Case 321F HS, ZB Tier 4 Compact Wheel Loader Parts Catalog | Publicatio... Order the manual at mid-west-tech.com >

TABLE OF CONTENTS

00.000.82	03	PICTORIAL INDEX - FRONT LOADER
00.000.84		PICTORIAL INDEX - BOOMS, DIPPERS & BUCKETS
00.000.88		PICTORIAL INDEX - ACCESSORIES
00.000.90	01	PICTORIAL INDEX - PLATFORM, CAB, BODYWORK AND DECALS
00.000.90	02	PICTORIAL INDEX - PLATFORM, CAB, BODYWORK AND DECALS
00.000.90	03	PICTORIAL INDEX - PLATFORM, CAB, BODYWORK AND DECALS
00.000.90	04	PICTORIAL INDEX - PLATFORM, CAB, BODYWORK AND DECALS
00.000.90	05	PICTORIAL INDEX - PLATFORM, CAB, BODYWORK AND DECALS
00.000.90	06	PICTORIAL INDEX - PLATFORM, CAB, BODYWORK AND DECALS
00.100.01		IDENTIFICATION PLATES AND VERSION LIST
00.100.01		VAR - 734634 - IDENTIFICATION PLATES AND VERSION LIST (FOR CE COUNTRIES)
00.100.01		VAR - 734635 - IDENTIFICATION PLATE AND VERSION LIST (FOR NO CE COUNTRIES)
00.100.04	01	OPTIONAL EQUIPMENT
00.100.04	02	OPTIONAL EQUIPMENT
00.100.04	03	OPTIONAL EQUIPMENT
00.100.04	04	OPTIONAL EQUIPMENT
00.100.04	05	OPTIONAL EQUIPMENT
05.000.00		SECTION INDEX - MACHINE COMPLATION AND EQUIPMENT
05.100.01		INITIAL STOCKING LIST (LIST A)
05.100.02		INITIAL STOCKING LIST (LIST B)
05.100.03		CAPACITIES
05.100.04	01	MAINTENANCE PARTS - FILTERS
05.100.04	02	MAINTENANCE PARTS - STARTER MOTOR, ALTERNATOR, BELTS
05.100.04	03	MAINTENANCE PARTS - FUSES
05.100.04	04	MAINTENANCE PARTS - BULBS
05.100.04	05	MAINTENANCE PARTS - PUMPS
05.100.04	06	MAINTENANCE, SERVICE KIT (500 HOURS)
05.100.04	07	MAINTENANCE, SERVICE KIT (1000 HOURS)
05.100.04	08	MAINTENANCE, SERVICE KIT (2000 HOURS)
05.102.AA		VAR - 734524 - FIRE EXTINGUISHER
10.000.00	01	SECTION INDEX - ENGINE
10.000.00	02	SECTION INDEX - ENGINE
10.001.AD	01	ENGINE
10.001.AD	02	VAR - 734635, 734634 - ENGINE

MidWestTech | Case 321F HS, ZB Tier 4 Compact Wheel Loader Parts Catalog | Publicatio... Order the manual at mid-west-tech.com >

TABLE OF CONTENTS

10.400.BF	04B	VAR - 734635 - RADIATOR & SHROUD - BEGIN YR 03-JUN-2019
10.400.BF	05	VAR - 734635 - RADIATOR & SHROUD - BEGIN SN NFHP00132
10.400.BF	05B	VAR - 734635 - RADIATOR & SHROUD - BEGIN YR 03-JUN-2019
10.400.BH		EXPANSION TANK
10.414.AC	01	FAN - END SN NFHP00131
10.414.AC	01B	VAR - 734635 - FAN - BEGIN YR 03-JUN-2019
10.414.AC	02	VAR - 734505 - FAN, GUARD
10.414.AC	03	VAR - 734506 - FAN GUARD, AIR CONDITIONING
10.414.AC	03B	VAR - 734506 - FAN GUARD, AIR CONDITIONING - BEGIN YR 03-JUN-2019
10.414.AC	04	VAR - 734634 - FAN - BEGIN SN NFHP00132
10.414.AC	05	VAR - 734635 - FAN - BEGIN SN NFHP00132
10.414.AC	05B	VAR - 734635 - FAN - BEGIN YR 03-JUN-2019
10.414.AD	01	VAR - 734634 - FAN & PULLEY
10.414.AD	02	VAR - 734635 - FAN & PULLEY
10.414.AD	03	VAR - 402064 - FAN & PULLEY
10.414.AD	04	FAN & PULLEY
10.414.BE	01	VAR - 734634 - FAN, BELT
10.414.BE	02	VAR - 734635 - FAN, BELT
10.414.BE	03	VAR - 402064 - FAN, BELT
10.414.BE	04	FAN, BELT
19.000.00		SECTION INDEX - POWER COUPLING
19.100.AB		COUPLING FLANGE
23.000.00		SECTION INDEX - FOUR WHEEL DRIVE SYSTEM
23.314.AG		VAR - 734515 - DRIVE SHAFT
23.314.AG	01	VAR - 734513 - 734514 - DRIVE SHAFT - END SR J00395
23.314.AG	01A	VAR - 734510, 734511, 734512, 734513, 734514, 734515, 734665 - DRIVE SHAFT - BEGIN SN J00396
23.314.AG	01B	VAR - 734513 - DRIVE SHAFT - BEGIN YR 03-JUN-2019
23.314.AG	01C	VAR - 734514, 734515 - DRIVE SHAFT - BEGIN YR 03-JUN-2019
25.000.00	01	SECTION INDEX - FRONT AXLE
25.000.00	02	SECTION INDEX - FRONT AXLE
25.000.00	03	SECTION INDEX - FRONT AXLE
25.100.AA	01	VAR - 734511, 734514 - FRONT AXLE
25.100.AA	02	VAR - 734510, 734513 - FRONT AXLE
25.100.AA	03	VAR - 734512, 734515 - FRONT AXLE

MidWestTech | Case 321F HS, ZB Tier 4 Compact Wheel Loader Parts Catalog | Publicatio... Order the manual at mid-west-tech.com >

TANK, OIL - BEGIN YR 03-JUN-2019

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	NS		1	NOT SERVICED Tank Structure, ASSY, Incl 3, 8 - 25
2		47474989		1	PANEL
3		9625178		1	HEX SOCKET PLUG 9/16" - 18 ORB ASSY, Incl 12, 13
4		12646921		6	WASHER 12.2mm ID x 28mm OD x 3mm Thk
5		12577521		3	NUT M12 x 1.75
6		11113631		2	BOLT Hex, M12 x 70mm, Cl 10.9
7		11113431		1	BOLT Hex, M12 x 60mm, Cl 10.9
8		51580181		1	PLUG
9		48137077		9	GAUGE
10		86624176		4	WASHER Flat, 11mmID x 20mmOD x 2mm Thk, ZND
11		9846677		4	BOLT M10 x 1.5 x 25mm, Cl 10.9
12		9617873		1	O-RING 0.078" Thk x 0.468" ID, -906, Cl 6, 90 Duro
13		NSS		1	NOT SOLD SEPARAT Plug, Incl in 3
14		9992305		1	HYD CONNECTOR 13/16" - 16 ORFS x 3/4" - 16 ORB ASSY, Incl 18, 19 (Qty 1), 20 (Qty 1)
15		84533155		1	RUN TEE 13/16" - 16 ORFS x 13/16" - 16 ORFS x 3/4" - 16 ORB ASSY, Incl 19 (Qty 2), 20 (Qty 1), 21
16		87530400		1	HYD CONNECTOR ASSY, Incl 20 (Qty 1), 22, 23 (Qty 1)
17		9992307		1	90 ELBOW 13/16"-16 x 3/4"-16 Adj, ORFS ASSY, Incl 19 (Qty 1), 20 (Qty 1), 24
18		NSS		2	NOT SOLD SEPARAT Connector, Incl in 14
19		9992298		4	O-RING 0.07" Thk x 0.489" ID, -14, Cl 6, 90 Duro

(1) See Fuel Tank also in Figure 35.300.AN (01C)

321F-COMPACT WHEEL LOADER HS, ZB - TIER 4

MidWestTech | Case 321F HS, ZB Tier 4 Compact Wheel Loader Parts Catalog | Publicatio... Order the manual at mid-west-tech.com >

VAR - 734518 - LOADER ARM, CYLINDER, LINE

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		47444452		1	HYDRAULIC HOSE Lift Line
2		47444454		1	HYDRAULIC HOSE Lift Line
3		47444455		1	HYDRAULIC HOSE Lift Line
4		47529558		1	HYD TUBE Rod Connection
5		9621483		3	HYD CONNECTOR 1"-14 ORFS x 7/8"-14 ORB ASSY, Incl 6 (Qty 1), 7 (Qty 1), 8 (Qty 1)
6		NSS		3	NOT SOLD SEPARAT Connector, Incl in 5
7		128359		3	O-RING 0.07" Thk x 0.614" ID, -16, Cl 5, 75 Duro
8		167269		3	O-RING 0.097" Thk x 0.755" ID, -910, Cl 6, 90 Duro
9		83901828		1	SPACER R8.4mm, R45mm
10		85817474		1	HOSE CLIP 100 - 120mm
11		87565305		1	ANCHOR
12		85803008		1	CLAMP 110mm - 130mm
13		84989393		1	ELBOW 90 Degree, 1"-14 ORFS x 1"-14 Fem Sw ASSY, Incl 14, 15 (Qty 1)
14		NSS		1	NOT SOLD SEPARAT Union elbow, Incl in 13
15		9992069		4	O-RING 0.07" Thk x 0.614" ID, -16, Cl 6, 90 Duro
16		84989850		1	3 WAY CONNECTION ASSY, Incl 17, 15 (Qty 2)
17		NSS		1	NOT SOLD SEPARAT Union elbow, Incl in 16
18		201-420		1	TEE 1"-14 x 7/8"-14 Run, ORFS
19		47557724		1	HYD TUBE Lift Line, ASSY, Incl 20, 15 (Qty 1)
20		NSS		1	NOT SOLD SEPARAT Union elbow, Incl in 19

MidWestTech | Case 321F HS, ZB Tier 4 Compact Wheel Loader Parts Catalog | Publicatio... Order the manual at mid-west-tech.com >

DIA KIT, QUICK COUPLER

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		48084715		1	HYDRAULIC HOSE Cylinder to Quick Coupler
2		48084717		1	HYDRAULIC HOSE Cylinder to Quick Coupler
3		87681202		4	HYD CONNECTOR 9/16" - 18 ORFS x 7/16" - 20 ORB ASSY, Incl 4, 5, 6 (Qty 1)
4		165202		4	O-RING 0.072" Thk x 0.351" ID, -904, Cl 6, 90 Duro
5		NSS		4	NOT SOLD SEPARAT Connector, Incl in 3
6		9825770		8	O-RING 0.07" Thk x 0.301" ID, -11, Cl 6, 90 Duro
7		85802803		3	FITTING 9/16"-18 ORFS x 9/16"-18 ORB ASSY, Incl 6 (Qty 1), 8, 9 (Qty 1)
8		NSS		3	NOT SOLD SEPARAT Connector, Incl in 7
9		9617873		4	O-RING 0.078" Thk x 0.468" ID, -906, Cl 6, 90 Duro
10		85805220		1	ELBOW 90 Degree, 9/16"-18 x 9/16"-18 Adj, ORFS ASSY, Incl 6 (Qty 1), 9 (Qty 1), 11
11		NSS		1	NOT SOLD SEPARAT Elbow, Incl in 10
12		48084720		1	HYDRAULIC HOSE Cylinder to Quick Coupler
13		48068012		1	HYDRAULIC HOSE Cylinder to Quick Coupler
14		83961945		2	TEE 9/16"-18 ORFS x 9/16"-18 Fem Sw Run ASSY, Incl 6 (Qty 1), 15
15		4982514		2	CABLE TIE 350mm L x 9mm W
16	1	48113807		1	CONSTRUCTION DIA Hydraulic Quick Coupler, Skid Type, W50C, W60C, 21F, 121F, ASSY, Incl 1 - 15

(1) **To See Full DIA KIT Composition Look for all the Figures where the DIA KIT P/N Is Shown**

321F-COMPACT WHEEL LOADER HS, ZB - TIER 4

MidWestTech | Case 321F HS, ZB Tier 4 Compact Wheel Loader Parts Catalog | Publicatio... Order the manual at mid-west-tech.com >