590SN
Tractor Loader Backhoe
Tier 3 - NRC

Parts Catalog

Print No. 675747720PCPC
Issued 10/2016

CASE
CONSTRUCTION

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VAR - 423058 - STANDARD TRANSMISSION - SHAFT, SECONDARY - 2WD

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		190427A1		1	SYNCHRONIZER 90T
2		87429974		1	SYNCHRONIZER
3		181118A1		1	RING, LOCKING 36.5mm ID x 1.75mm Thk
4		181132A1		1	ROLLER BEARING 40mm ID x 80mm OD x 18mm W
5		358650A1		AR	SHIM 0.05mm Thk
5		358651A1		AR	SHIM 0.1mm Thk
5		358652A1		AR	SHIM 0.3mm Thk
5		196454A1		AR	SHIM 0.5mm Thk
6		358649A1		1	THRUST WASHER
7		87701278		1	GEAR 44T
8		244109A1		2	SPACER
9		384773A1		3	COIL SPRING
10		384769A1		3	BALL
11		326865A1		3	SPACER
12		87701293		1	GEAR 50T
13		181108A1		1	SPLIT PIN 3mm OD x 8mm L
14		87701294		1	SHAFT Secondary (Rear Output Shaft)
15		358282A1		1	GEAR 23T
16		358283A1		1	DRIVEN GEAR 33T
17		358639A1		1	WASHER
18		181130A1		1	BEARING, BALL 45 mm ID x 106.5 mm OD x 25 mm
19		181123A1		1	OIL SEAL 60mm ID x 75mm OD x 8mm Thk
20		233284A1		1	YOKE Rear Drivet Shaft
21		181144A1		1	O-RING 39.6mm ID x 3.53mm Width
22		181165A1		1	WASHER 12.5mm ID x 52mm OD x 5mm Thk
23		P3533055		1	SCREW M12 x 1.25 x 25mm

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VAR - 423084 - VALVE INSTALL - BACKHOE CONTROL, DUAL AUX (PILOT CONTROLS) GEAR PUMP ONLY

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		84989848		2	TEE 11/16" - 16 ORFS x 11/16" - 16 ORFS x 11/16" - 16 JIC Assy, Incl 15
2		84523981		1	HYDRAULIC HOSE 9.53mm ID x 550mm L, SAE 100R16
3		143219A1		1	HOSE PROTECTION 19mm ID x 24mm OD x 450mm L
4		84275042		1	HOSE ASSY. 19mm ID x 411mm L
5		9840535		1	HYD CONNECTOR 1-3/16" - 12 ORFS x 1-1/16" - 12 ORB Assy, Incl 16 - 17
6		87655043		4	WASHER M12, 13.65mm ID x 24.90mm OD x 3.20mm, HT Boron, ZNM
7		337475		2	NUT M12, Cl 10
8		9840543		1	90 ELBOW 90°, 11/16"-16 x 9/16"-18 Adj, ORFS Assy, Incl 18 - 19
9		43362		2	NUT M8 x 1.25, Cl 10
10		1960667		2	HEX SOC SCREW M8 x 90mm, Cl 8.8
11		9993143		1	HYD CONNECTOR 11/16" - 16 ORFS x 9/16" - 18 ORB Assy, Incl 20 - 21
12		84259315		1	HOSE ASSY. 10mm ID x 288mm L
13		9706702		2	BOLT Hex, M12 x 1.75 x 50mm, Cl 8.8
14		84257782		1	BRACKET
15		9993141		2	O-RING 0.07" Thk x 0.364" ID, -12, Cl 6, 90 Duro
16		167266		1	O-RING 0.116" Thk x 0.924" ID, -912, Cl 6, 90 Duro
17		9991976		1	O-RING 0.07" Thk x 0.739" ID, -18, Cl 6, 90 Duro
18		9617873		1	O-RING 0.078" Thk x 0.468" ID, -906, Cl 6, 90 Duro
19		9993141		1	O-RING 0.07" Thk x 0.364" ID, -12, Cl 6, 90 Duro
20		9617873		1	O-RING 0.078" Thk x 0.468" ID, -906, Cl 6, 90 Duro
21		9993141		1	O-RING 0.07" Thk x 0.364" ID, -12, Cl 6, 90 Duro

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DIA KIT, MECH CONTROLS, 3 SPOOLS, STANDARD TRANSMISSION

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	(1)	84484673		1	KIT Mech Controls, 3 Spools, Standard Transmission, Incl 2 - 9
2		87638047		1	JOYSTICK Assy, Loader Control Lever, Two Button, DeClutch and Differential Lock, Prop Roller with Detent; 3 Spool
3		298176A1		1	PLUG
4		256347A1		1	CONNECTOR, ELEC Male, 4 Cavities
5		258616A1		1	LOCK
6		256341A1		1	ELEC CONNECTOR Male, 2 Pin
7		258613A1		1	LOCK
8		239451A1		1	MULTIPOLE CONNECTOR Female, 4 Pin
9		225327C1		1	WEDGE Lock, Black

(1) See Ref. 88.035.22 [01] to 88.035.22 [05], 88.035.22 [07] to 88.035.22 [11]

(2) Refer to Installation Instructions for Correct Assembly Procedure

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