Bobcat

Parts Manual
S86 Skid-Steer Loader

S/N B56R11001 & Above



EQUIPPED WITH
BOBCAT INTERLOCK
CONTROL SYSTEM (BICS™)

7447578

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Title: High Flow Hydraulics
Model Number: S86
Serial Number: B56R11001 & Above

Ref #	Part #	Description	S/N	Q-ty
25	7219703	PLUG BICS, W/Ref. 33		2
26	7177868	VALVE RELIEF, anti-cav - W/Ref. 18		2
27	7134520	PLUG, check valve - W/Ref. 18		3
27		VALVE, ANTI-CAV, VALVE, ANTI-CAV, See attachment Operation & Maintenance manual for correct relief valve combination		x
28	1K128	O-RING		6
29	7166339	SPRING LOAD CHECK, 44,4 mm (1.75") long		4
30	7166047	SEAT, CHECK VALVE		4
31	6816549	PLUG ASSY PORT RLF, W/Ref. 15, 18 & 20		2
32	7203643	SPRING VALVE		2
33	79K10	O-RING		x
34	7002716	SCREW		4
35	7232745	VALVE, PROPORTIONAL		2
36	6669732	KIT SEAL		1
37	7121399	SPRING		2
38	6814694	RETAINER		2
39	15KB0606	FITTING, HYD CONNECTOR, W/O screen		1
40	7138376	BUSHING		2
41	7402759	SPOOL AUX		1
42	7246787	COUPLER, FF MALE		2
43	7202325	TUBELINE, HYD VALVE CONTROL		1
44	6665569	RING BACK-UP		1
45	7134522	PLUG, W/Ref. 22, 33 & 52		1
46	7272731	VALVE, SOLENOID, W/Ref. 36		1
47	25K20016	O-RING		1

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Title: Hydraulic Control Valve (Standard Flow)
Model Number: S86
Serial Number: B56R11001 & Above

Ref #	Part #	Description	S/N	Q-ty
25	7219703	PLUG BICS, W/Ref. 33		2
26	7177868	VALVE RELIEF, anti-cav - W/Ref. 18		2
27	7134520	PLUG, check valve - W/Ref. 18		3
27		VALVE, ANTI-CAV, VALVE, ANTI-CAV, See attachment Operation & Maintenance manual for correct relief valve combination		x
28	1K128	O-RING		6
29	7166339	SPRING LOAD CHECK, 44,4 mm (1.75") long		4
30	7166047	SEAT, CHECK VALVE		4
31	6816549	PLUG ASSY PORT RLF, W/Ref. 15, 18 & 20		2
32	7203643	SPRING VALVE		2
33	79K10	O-RING		x
34	7002716	SCREW		4
35	7232745	VALVE, PROPORTIONAL		2
36	6669732	KIT SEAL		1
37	7121399	SPRING		2
38	6814694	RETAINER		2
39	15KB0606	FITTING, HYD CONNECTOR, W/O screen		1
40	7138376	BUSHING		2
41	7402759	SPOOL AUX		1
42	7246787	COUPLER, FF MALE		2
43	7202325	TUBELINE, HYD VALVE CONTROL		1
44	6665569	RING BACK-UP		1
45	7134522	PLUG, W/Ref. 22, 33 & 52		1
46	7272731	VALVE, SOLENOID, W/Ref. 36		1
47	25K20016	O-RING		1

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Title: Rear Auxiliary Valve
Model Number: S86
Serial Number: B56R11001 & Above

Ref #	Part #	Description	S/N	Q-ty
		stem		
23		STEM, STEM, NSS - Order Ref. 20		2
24	6684070	O-RING		3
25	6684071	O-RING		3
26	6684072	BACK-UP RING		3
27	6684069	KIT SEAL, Ref. 24-26		3
28	6688933	VALVE ASSY, solenoid W/coils - Ref. 21, 29 & 31-38		1
29	6688934	COIL		2
30		PLUG, PLUG, NSS - #8 SAE W/ O-ring		1
31		VALVE, VALVE, NSS - Order Ref. 28		1
32		O-RING, O-RING, NLA - Order Ref. 39		1
33	6684053	BACK-UP RING		1
34	6684054	O-RING		1
35	6684056	O-RING		1
36		BACK-UP RING, BACK-UP RING, NLA		1
37		O-RING, O-RING, NLA - Order Ref. 39		1
38		BACK-UP RING, BACK-UP RING, NLA		1
39	6684052	KIT SEAL, Ref. 32-38		1
40		VALVE, VALVE, NSS - Order Ref. 41		x
41	6685328	RELIEF VALVE, W/Ref. 24-26		1
42		PLUG, PLUG, NSS - #6 SAE W/ O-ring		4
43		PLUG, PLUG, NSS - metric		1

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