SKYJACK

PARTS MANUAL

SJ1256 THS

TELEHANDLERS



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3.2 Engine & Poweshift Transmission - S/N 87 410 838 and below

Index No.	Skyjack Part No.	Qty.	Description
-	191182	1	ASSEMBLY, ENGINE/TRANSMISSION SUBGROUP, DEUTZ 3.6 107 HP
1	(Ref).	1	• ASSEMBLY, Engine Deutz TCD 3.6 T4F 107 HP (For components, refer to Section 3.4)
2	(Ref).	1	• ASSEMBLY, Transmission VDT 12000 12 K (For components, refer to Section 3.6)
3	190712	1	• MOUNT, Tranmission - inner
4	190709	1	• MOUNT, Transmission - outer
5	190715	1	• MOUNT, 3.6 L engine - outer
6	190718	1	• MOUNT, 3.6 L engine - inner
7	933630	14	• WASHER, Structural M12 Hard
8	600572	10	• WASHER, Flat M10 OD 20.0
9	116995	15	• WASHER, Lock M12 plated DIN 127B
10	130884	10	• WASHER, Lock M10-plated DIN 127B
11	933659	14	• BOLT, Hex head M12 x 1-3/4"x 30 mm CL 10.9
12	933658	10	• BOLT, Hex head M10 x 1-1/2" x 30 mm Gr. 10.9 YE
13	152324	1	• BOLT, Hex head M12 x 1-3/4" x 25 mm Gr. 8.8 ZP
14	103404	6	• WASHER, Lock 5/16"
15	103996	6	• WASHER, Flat 5/16"
16	158320	6	• BOLT, Hex head 5/16"-18 x 3/4" Gr. 8
17	171177	1	• CLAMP - Loop vinyl coated - 2"
18	232529	1	• BOLT, Socket head M10-1-1/2" x 30
19	133598	4	• SPACER, 3/8" x 1-1/2"
20	103995	4	• WASHER, Flat 1/4"
21	104000	4	• WASHER, Lock 1/4"
22	103861	4	• BOLT, Hex head 1/4"-20 x 2-1/2" Gr. 5
23	108675	4	• WIRE PROTECTOR, 1/2" DIA (Not Shown)

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6.2 Boom Installation - Dual Tilt - S/N 87 410 638 and above

Index No.	Skyjack Part No.	Qty.	Description
-	232344	1	SUBGROUP, BOOM 1256
1	(Ref.)	1	BOOM ASSEMBLY, 1256 (For components, refer to Section 6.3)
2	(Ref.)	2	CYLINDER, LIFT 1256 (For components, refer to Section 7.2)
3	(Ref.)	2	CYLINDER, TILT COMP 1256 (For components, refer to Section 7.4)
4	(Ref.)	1	CYLINDER, FORK TILT 1256 (For components, refer to Section 7.3)
5	220521	4	PIN, 2.00ODx5.281
6	191866	2	PIN, 1.75 DIA X 4.75 LG
7	191232	2	PIN, ANCHOR
8	196586	4	SPACER, LIFT CYL 10K
9	931602	2	WASHER THRUST 2" ID X 2.74" OD - 0.092"THK
10	102027	2	FTG GREASE 1/8 NPT STRAIGHT
11	230941	4	PLUG, EXTERNAL HEX PIPE 1/8"
12	191833	24	WASHER, FLAT #6
13	144279	2	FTG, 8 SAE TO -12 JIC
14	104379	12	Washer Flat 0.500 Hard
15	169942	5	BOLT, HXHD .500-13x1.250 GR8 ZN
16	190547	2	SENSOR, INDUCTIVE PROXI 15MM
17	191826	1	PLATE, SENSOR MOUNT 70 - 10K
18	191825	1	PLATE, SENSOR MOUNT 40 - 10K
19	103956	8	SCREW, RND HD MACHINE 6-32 x 1.000
20	196306	8	NUT, LOCK 6-32 GR5 - NYL
21	197449	2	PLUG 1/2" WIDE FLANGE
22	114583	8	FTG, 90 DEG (08JICM-08ORBM)
23	159860	6	KEEPER PIN - 0.625 SHORT
24	220526	7	SPACER, .641ODx.531IDx.688LG
25	220578	7	BOLT, HEX HD\PATCH\0.5-13 X 1.50 gr8 ZP
26	230936	2	PIN, 2.00ODx7.531 NO GREASE
27	132565	2	CAP, GREASE GC5
28	235241	2	PIN WLDT, 1.375 DIA X 4.375 LG
29	235248	2	PIN WLDT, 1.375 DIA X 4.875 LG
30	110554	2	FTG, RUN TEE (8JICM-8ORBM-8JICM)
31	236328	8	THRUST WASHER, 1.375ID X 2.062OD X .03THK

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Index No.	Skyjack Part No.	Qty.	Description
-	197113	-	RESERVE BRAKE GROUP
1	103472	6	• WASHER, Flat 3/8" SAE
2	103999	6	• WASHER, Lock 3/8"
3	103473	6	• BOLT, Head head -16 X 1" Gr. 5
-	191720	1	• ASSEMBLY, Reserve brake manifold
-	190558	1	• • MANIFOLD, Reserve brake sub assembly
4	190357	1	• • • MANIFOLD, Reserve brake
5	707234	1	• • • FITTING, 45° (04 JICM - 06 ORBM)
6	129127	1	• • • FITTING, 90° (04 JICM - 06 ORBM)
7	114583	3	• • • FITTING, 90° (08 JICM - 08 ORBM)
8	114578	1	• • • FITTING, 90° (06 JICM - 06 ORBM)
9	191742	1	• • • FITTING, Run tee (08 JICM - 06 ORBM - 08 JICM)
10	104402	1	• • • FITTING, (6 SAE TO 8 JIC)
11	103996	14	• • WASHER, Flat 5/16" SAE
12	103869	3	• • BOLT, Hex head 5/16"-18 X 4-1/2" Gr. 5
13	103984	7	• • NUT, Lock with nylon insert 5/16"-18 Gr. 5
14	191729	1	• • BRACKET, Reserve brake
15	191721	2	• BRACKET, Accumulator
16	400947	2	• ACCUMULATOR, Diaphragm, 3/4L low T°
17	104437	1	• PLUG, Fitting- (06 orb hex socket)
18	110554	1	• FITTING, Run tee (08 JICM - 08 ORBM - 08 JICM)
19	190562	2	• CLAMP, Accumulator
20	112532	4	• BOLT, Hex head 5/16"-18 X 1-1/4" Gr. 5
21	190563	1	• HARNESS, Reserve brake
22	191463	1	• INDICATOR, Reserve brake / positive shutoff
23	150943	1	• FITTING, 90° LLL (08 JICM - 08 ORBM)

Index No.	Skyjack Part No.	Qty.	Description
24	197114	1	• INSTRUCTIONS, Reserve Brake Installation

Index No.	Hose P/N	From		To	
		Description	Port	Port	Description
-	191718	ASSEMBLY, Hose reserve brake	-	-	-
25	H310400480	Reserve brake manifold	ST LS	ST LS	Main mainifold
26	H310401740	Reserve brake manifold	STEER	LS	Steering control unit
27	H310601620	Reserve brake manifold	A1	P	Brake pedal
28	H310800100	Accumulator			
29	H310800260	Reserve brake manifold	A2		Accumulator
30	H310801790	Reserve brake manifold	P	P	Steering console
31	H340800490	Reserve brake manifold	T	DR3	Main manifold
32	H340800820	Reserve brake manifold	P	CF	Main manifold

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