Illustrated Parts Manual

Models
800S
860SJ

PVC
2001

P/N
31215050

November 1, 2019 - Rev A

ANSI

AS/NZS

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FIGURE 3-50. 2500W/110V/60HZ GENERATOR INSTALLATION - FORD ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219619	Ref	2500W GENERATOR INSTALLATION - FORD MACHINES (OPTIONAL)	E
1	0100011	AR	Compound, Locking	
2	0100048	AR	Grease, Dielectric	
3	0760610	1	Bolt M6 x 20	
4	0641508	1	Bolt 5/16 x 1	
5	0641772	1	Bolt 7/16 x 9	
6	0761016	1	Bolt M10 x 40	
7	1001155041	1	Stud	
8	2460051	1	Generator and Control Box Assembly	
8A	7012558	1	Generator Only - 110V/60Hz	
		Ref	Note: Replacement Generators come standard with pin 3580134 pulley. This pulley may not be correct for all applications. Refer to pulley options below.	
8A	7026199	1	Armature with Slip Rings	
8A	7012513	4	Cap, Brush Holder	
8A	7020108	4	Brush	
8A	7020109	4	Holder, Brush	
8A	7012514	1	Fan	
8A	7020110	1	Bell, Front	
8A	7020111	1	Bell, Rear	
8A	7020190	2	Bearing	
8B	7019680	1	Box, Control - 110V/60Hz	
8B		Ref	Receptacle Options:	
8B	4460190	1	Receptacle, Standard (110V Only)	
8B	4460027	1	Receptacle, Twistlock (110V Only)	
8B	4360542	1	Breaker, Circuit	
8B	3520028	1	Plug, Hole	
8C	2420203	1	Voltmeter	
8D	3580324	1	Pulley	
8D	7027887	1	Key, Woodruff	
9	2820031	1	Heat Shrink (Not Shown - Located at Platform)	
10	3251102	1	Nameplate Generator (Not Shown - Located at Platform)	
11	3251243	1	Decal - 120V-60Hz	
13	3311005	2	Nut #10	
14	3290601	1	Nut M6	
15	3311705	1	Nut 7/16	
16	3740080	1	Relay	
17	4060802	1	Guard Switch (Not Shown - Located at Platform)	
18	4240099	AR	Tie-Strap (Not Shown)	
19	4360336	1	Switch, Toggle (Not Shown - Located at Platform)	
20	4460321	1	Plug, Male - 4 Position	
22	4711700	2	Washer 7/16	
23	4751000	2	Washer #10	
24	4811700	1	Washer M6	
25	4891500	2	Washer 5/16	
27	4812000	1	Washer M10	
28	4812200	2	Washer M14	
29		Ref	Wiring Diagram Components (Not Shown)	
29	4922641	1	Generator On/Off Switch Harness (Not Shown - Located at	

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FIGURE 6-9. LIFT CYLINDER ASSEMBLY - MAIN BOOM (860SJ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251029	Ref	LIFT CYLINDER ASSEMBLY - MAIN BOOM	A
		Ref	Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Not Available for Purchase)	
2	70007276	1	Rod	
3	70007277	1	Head	
4	70007278	1	Cap, Tube	
5	See Note	NSS	Wiper (Note: Use Item 100)	
6	70027750	1	Ring, Retainer	
7	See Note	NSS	Seal, Rod (Note: Use Item 100)	
8	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
9	See Note	NSS	Ring, Buffer (Note: Use Item 100)	
10	70007279	1	Bearing	
11	See Note	NSS	O-Ring (Note: Use Item 100)	
12	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
13	See Note	NSS	O-Ring (Note: Use Item 100)	
14	See Note	NSS	O-Ring (Note: Use Item 100)	
15	70007280	1	Piston	
16	See Note	NSS	Seal, Piston (Note: Use Item 100)	
17	See Note	NSS	O-Ring (Note: Use Item 100)	
18	70022564	1	Steel Ball	
19	70029468	1	Setscrew	
20	0962033	4	Bushing	
21	70007281	1	Spacer	
22	2220883	5	Plug	
23	70005433	2	Plug	
24	2220885	2	Plug	
25	4641194	1	Cartridge, Relief Valve	
25	7023927	1	Seal Kit - 4641194 Valve	
26	4641234	1	Cartridge, Lift Relief Proportional Solenoid	
26	7023982	1	Cartridge - 4641234 Valve	
26	7012925	1	Seal Kit - 4641234 Valve	
26	7017451	1	Coil - 4641234 Valve	
27	4641188	1	Cartridge, Lift Holding Solenoid	
27	7023923	1	Cartridge - 4641188 Valve	
27	7023919	1	Seal Kit - 4641188 Valve	
27	7012943	1	Coil - 4641188 Valve	
28	70007282	1	Insert, Locking	
29	70026287	1	Setscrew	
100	70007283	1	Seal Kit (Includes Items 5, 7-9, 11-14, 16 & 17)	

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FIGURE 9-18. DECAL INSTALLATION - 860SJ (LATIN AMERICAN SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242695	Ref	STANDARD DECAL INSTALLATION	A
30	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
31	1704907	2	Decal - 860SJ	
32	1701501	4	Decal - Arrow	
33	1001121805	1	Decal Capacity - 500LBS Unrestricted Capacity	
34	1001121818	1	Decal Capacity - 500LBS Unrestricted Capacity	
37	1001241531	1	Decal - Legend (Platform)	
38	1001241532	1	Decal - Legend (MTB)	
39	1001175354	1	Decal - Lift Diagram	
40	1701691	4	Decal - No Step	
44	0860520	1	Box, Manual Storage	
46	3311405	4	Nut 1/4	
47	3820001	2	Rivet	
48	4751400	8	Washer 1/4	
58	0641406	4	Bolt 1/4 x 3/4	
59	1705910	1	Decal - Drive/Steer Instructions	
63	1001224049	1	Decal - Yearly Inspection	
100	1001109029	1	Decal Kit - Master (Includes Items 101-109)	
101	1701499	4	Decal - No Lift	
102	1701509	1	Decal - Manual	
103	1703811	4	Decal - Tie Down/Lift	
104	1703814	6	Decal - Tie Down	
105	1704277	4	Decal - Attach Lanyard Here	
106	1704412	1	Decal - Hydraulic Oil Chart	
109	3251243	1	Nameplate - 120V-60HZ	
200	2902311	1	Decal Kit - Country Spec (Includes Items 201-210)	
201	1704001	2	Decal - No Hands	
202	1703923	1	Decal - Warning/Danger	
203	1705917	1	Decal - Warning Inspection (MTB)	
204	1703947	5	Decal - Warning Crushing	
205	1703935	5	Decal - Danger Electrocution	
206	1703941	7	Decal - Warning Crushing	
210	1703983	1	Decal - Footswitch	
300	2902429	1	Decal Kit - Max Tire Load (Includes Item 301)	
301	1703482	4	Decal - Max Tire Load	

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