



Owner's Manual

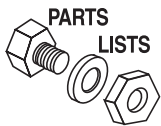
**Liquid-cooled, Prepackaged
Standby Generators**

**Model Nos. 005040-0, 005040-1 (25kW)
005053-0, 005053-1 (20kW)
005054-0, 005054-1 (15kW)**

This manual should remain with the unit.

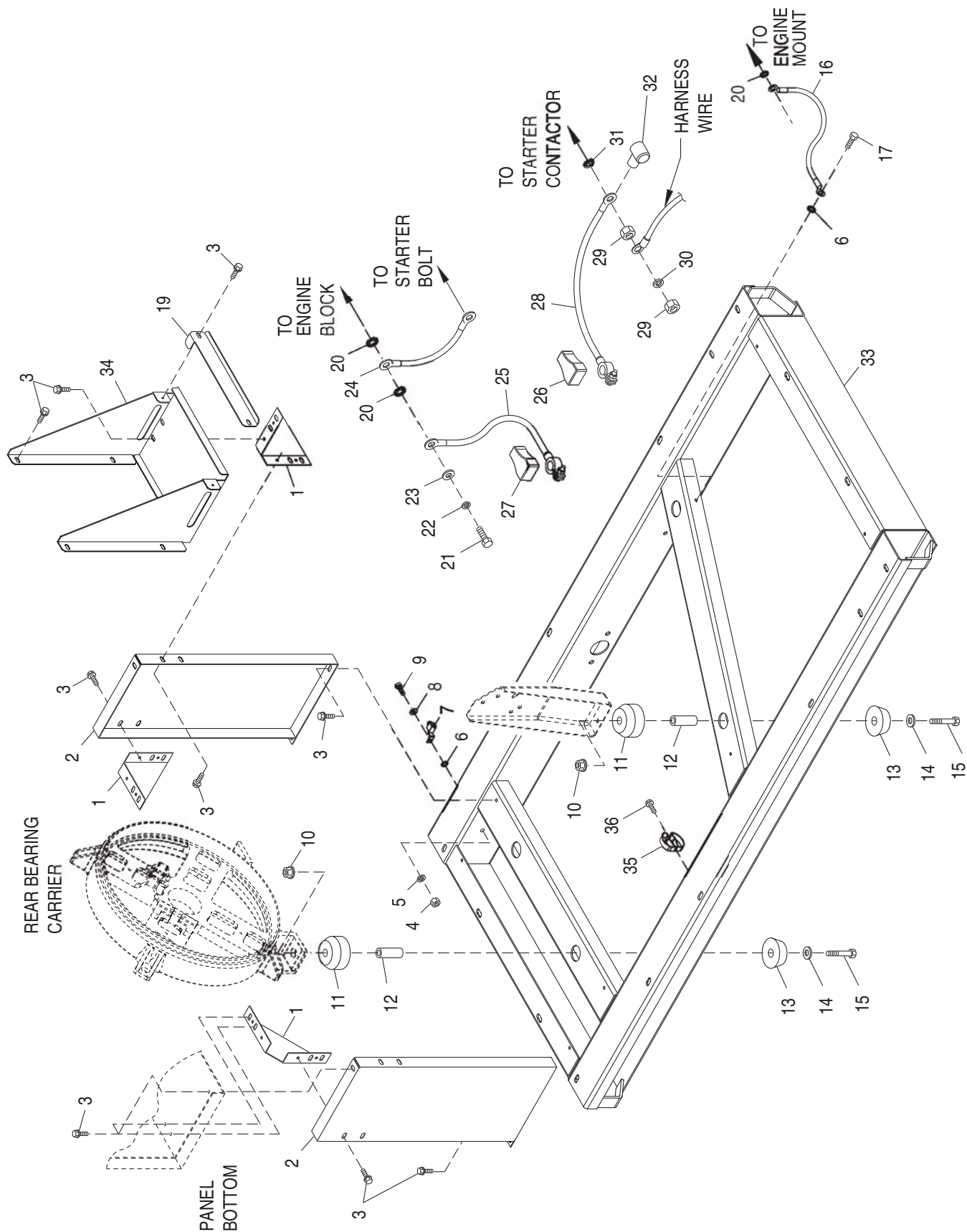


**ONLY QUALIFIED ELECTRICIANS OR CONTRACTORS
SHOULD ATTEMPT INSTALLATION!!**

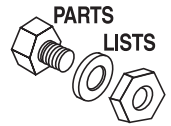


Section 8 - Exploded Views and Parts

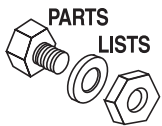
Guardian Liquid-cooled 25 kW Generator Mounting Base – Drawing No. 0E9964-E



Section 8 - Exploded Views and Parts
Guardian Liquid-cooled 25 kW Generator
Mounting Base – Drawing No. 0E9964-E

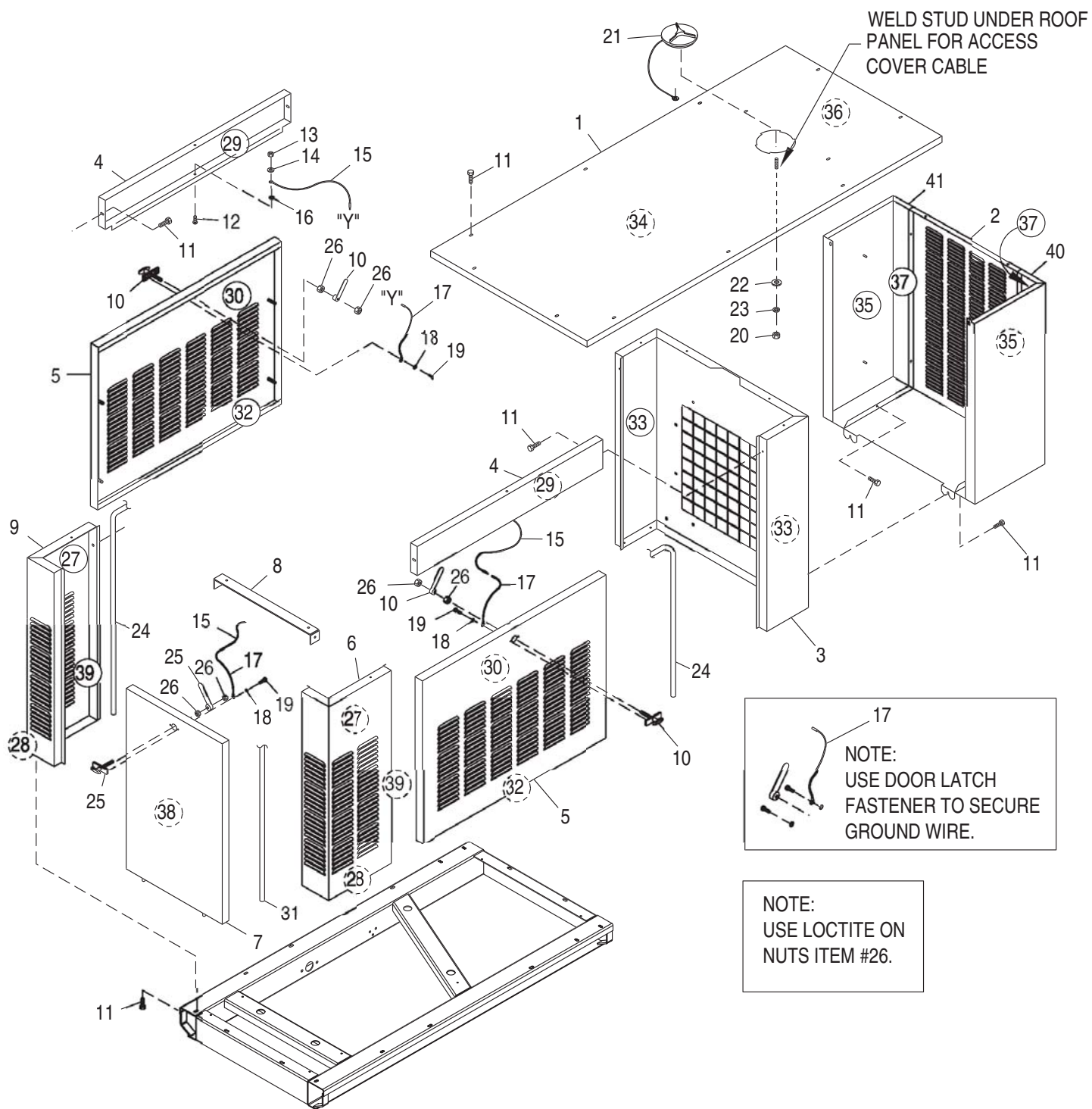


ITEM	PART NO.	QTY.	DESCRIPTION
1	0D9336	3	PANEL BRACKET
2	0E9939	2	CTRL PNL SUPPORT 2.5L FORD
3	0C2454	24	SCREW TH-FRM M6-1 X 16 N WA Z/JS
4	049813	1	NUT HEX M6 X 1.0 G8 YEL CHR
5	022097	1	WASHER LOCK M6-1/4
6	026850	2	WASHER SHAKEPROOF EXT 1/4 STL
7	055414	1	LUG SLDLSS #2-#8 X 17/64 CU
8	022473	1	WASHER FLAT 1/4-M6 ZINC
9	047411	1	SCREW HHC M6-1.0 X 16 G8.8
10	052860	4	NUT FLANGED HEX M12-1.75
11	052251	4	DAMPENER VIBRATION 40 BLUE
12	052257	4	SPACER .49 X .62 X 1.87 PWDR/ZNC
13	052252	4	DAMPENER VIBRATION
14	052259	4	WASHER FLAT M12
15	052891	4	SCREW HHC M12-1.75 X 80 G8.8
16	0536210261	1	ASSY WIRE #0 12.00"
17	074906	1	SCREW HHTT M6-1.0 X 20 BP
18	077483	REF	BATT 12VDC 75-AH 26 (NOT SHOWN)
19	0E9941	1	HOLD DOWN BATTERY 2.5L FORD
20	025507	3	WASHER SHAKEPROOF EXT 7/16 STL
21	059980	1	SCREW HHC M10-1.5 X 25 G10.9
22	046526	1	WASHER LOCK M10
23	022131	1	WASHER FLAT 3/8-M10 ZINC
24	021991	1	EARTH STRAP
25	038805J	1	CABLE BATT BLK #1 X 30.00
26	050331	REF	BATTERY POST COVER (BLACK)
27	050331A	REF	BATTERY POST COVER (RED)
28	038804J	1	CABLE BATT RED #1 X 40.50
29	045771	REF	NUT HEX M8-1.25 G8 YEL CHR
30	022129	REF	WASHER LOCK M8-5/16
31	027482	1	WASHER SHAKEPROOF EXT 5/16 STL
32	075763	1	BOOT BATTERY CABLE
33	0E9748	1	ASSY MTG BASE 2.5L FORD
34	0E9940	1	TRAY BATTERY 2.5L FORD
35	065852	1	SPRING CLIP HOLDER .37-.62
36	024469	1	SCREW HHTT #10-32 X 3/8 CZ

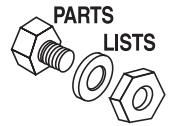


Section 8 - Exploded Views and Parts

Guardian Liquid-cooled 25 kW Generator Enclosure — Drawing No. 0E9720-D



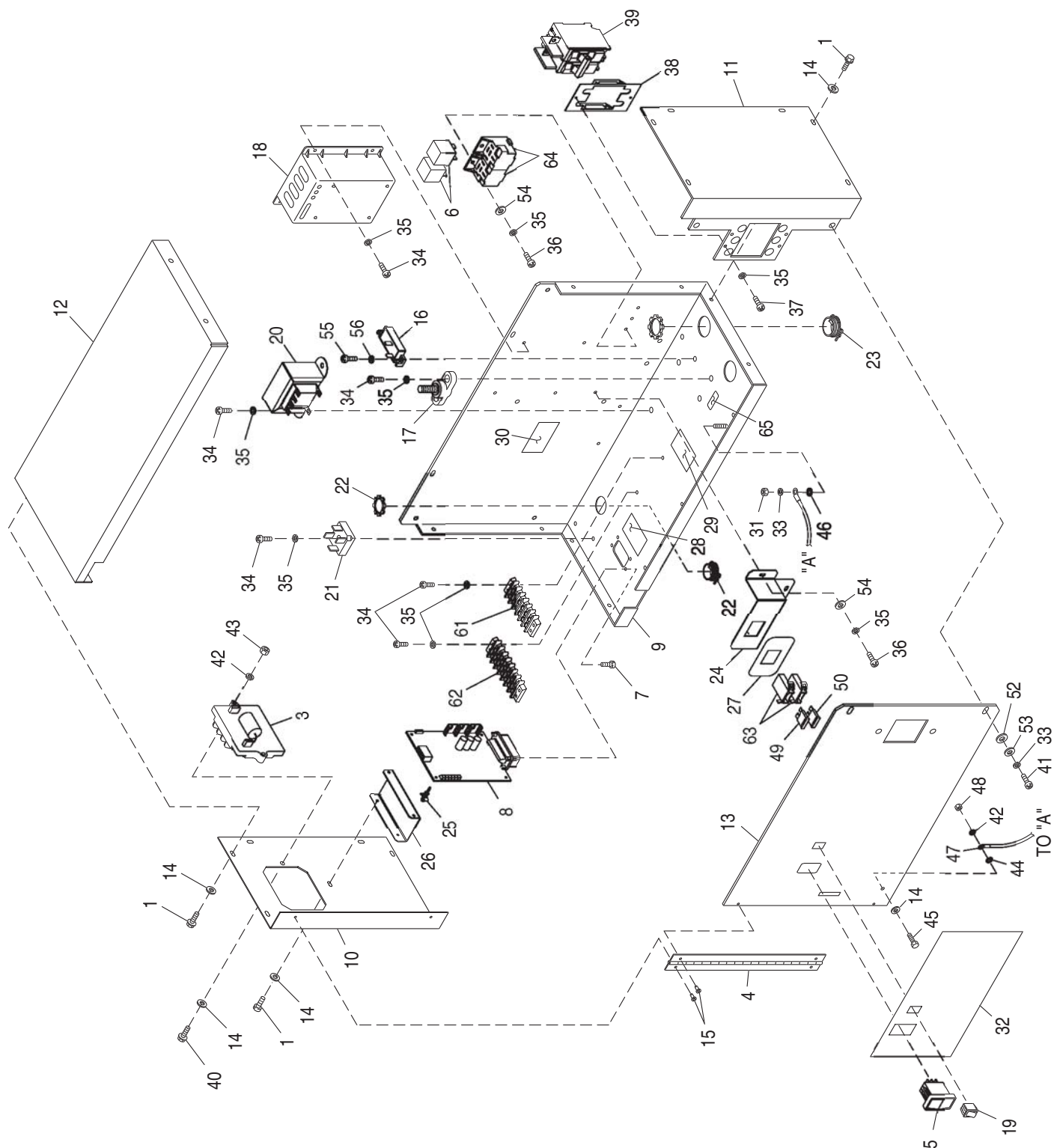
Section 8 - Exploded Views and Parts
Guardian Liquid-cooled 25 kW Generator
Enclosure – Drawing No. 0E9720-D



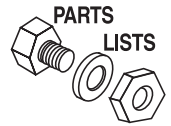
ITEM	PART NO.	QTY.	DESCRIPTION
1	0E9768	1	ROOF ACO & STD ENCL 2.5L
2	0E9862	1	DUCT, DISCHARGE MID 2.5L
3	0E9769	1	SUPPORT,RADIATOR 2.5L FORD
4	0D8660	2	BRACE SIDE 1.5L MITSU
5	0A7568	2	DOORWELDMENT 1.5EPS
6	0E9771	1	CORNER POST,REAR RH SIDE 2.5L
7	0E9773	1	DOOR REAR ENCL 2.5L FD
8	0E9772	1	BRACE, REAR 2.5L FORD
9	0E9770	1	CORNER POST,REAR LH SIDE 2.5L
10	067042	2	LATCH & CAM
11	0C2454	34	SCREW TH-FRM M6-1X16 N WA Z/JS
12	033530	3	SCREW PHM #10-32 X 5/8 ZINC
13	051716	3	NUT HEX M5-0.8 G8 YEL CHR
14	022152	3	WASHER LOCK #10
15	0912970064	3	ASSEMBLY BASE-DOOR GROUND WIRE
16	023762	3	WASHER SHAKEPROOF EXT #10 STL
17	0912970063	3	GRD WIRE ASS'Y 99HSB
18	022264	6	WASHER LOCK #8-M4
19	067035	6	SCREW PPHM #8-32 X 5/16
20	022127	1	NUT HEX 1/4-20 STEEL
21	0C2634A	1	ASSEMBLY COVER ACCESS
22	022473	1	WASHER FLAT 1/4 ZINC
23	022097	1	WASHER LOCK M6-1/4
24	0D2023	2	GASKET CLIP-ON SELF GRIPPING (89"LG)
25	0C2164	1	LATCH AND CAM
26	037337	6	NUT HEX JAM 3/8-24 SS
27	0E0072G	2	ACSTC INSLTN 1.5L RR CRNR TOP
28	0E0072J	2	ACSTC INSLTN 1.5L RR CRNR BOTT
29	0E0072L	2	ACSTC INSLTN 1.5L SIDE BRC PNL
30	0E0072M	2	ACSTC INSLTN 1.5L SIDE DR PNL
31	0D2023	1	TRIM VINYL SELF GRIPPING (80"LG)
32	0E0072P	2	ACSTC INSLTN 1.5L SIDE DR PNL
33	0E0072Q	2	ACSTC INSLTN 1.5L RAD SUPPORT
34	0E0072S	1	ACSTC INSLTN 2.5L ROOF
35	0E0072T	2	ACSTC INSLTN 2.5L DUCT L&RH SD
36	0E0072U	1	INSUL ACO 2.5L EXH ROOF PANEL
37	0E0072V	2	ACSTC INSLTN 2.5L DUCT FRNT SD
38	0E0072W	1	ACSTC INSLTN 2.5L REAR DOOR
39	0E0072X	2	ACSTC INSLTN 2.5 RR CRNR PNL S
40	0E9861	1	DUCT, DISCHARGE RH SIDE 2.5L
41	0E9860	1	DUCT, DISCHARGE LH SIDE 2.5L

Section 8 - Exploded Views and Parts

Guardian Liquid-cooled 25 kW Generator Control Panel – Drawing No. 0E9719-E



Section 8 - Exploded Views and Parts
Guardian Liquid-cooled 25 kW Generator
Control Panel – Drawing No. 0E9719-E



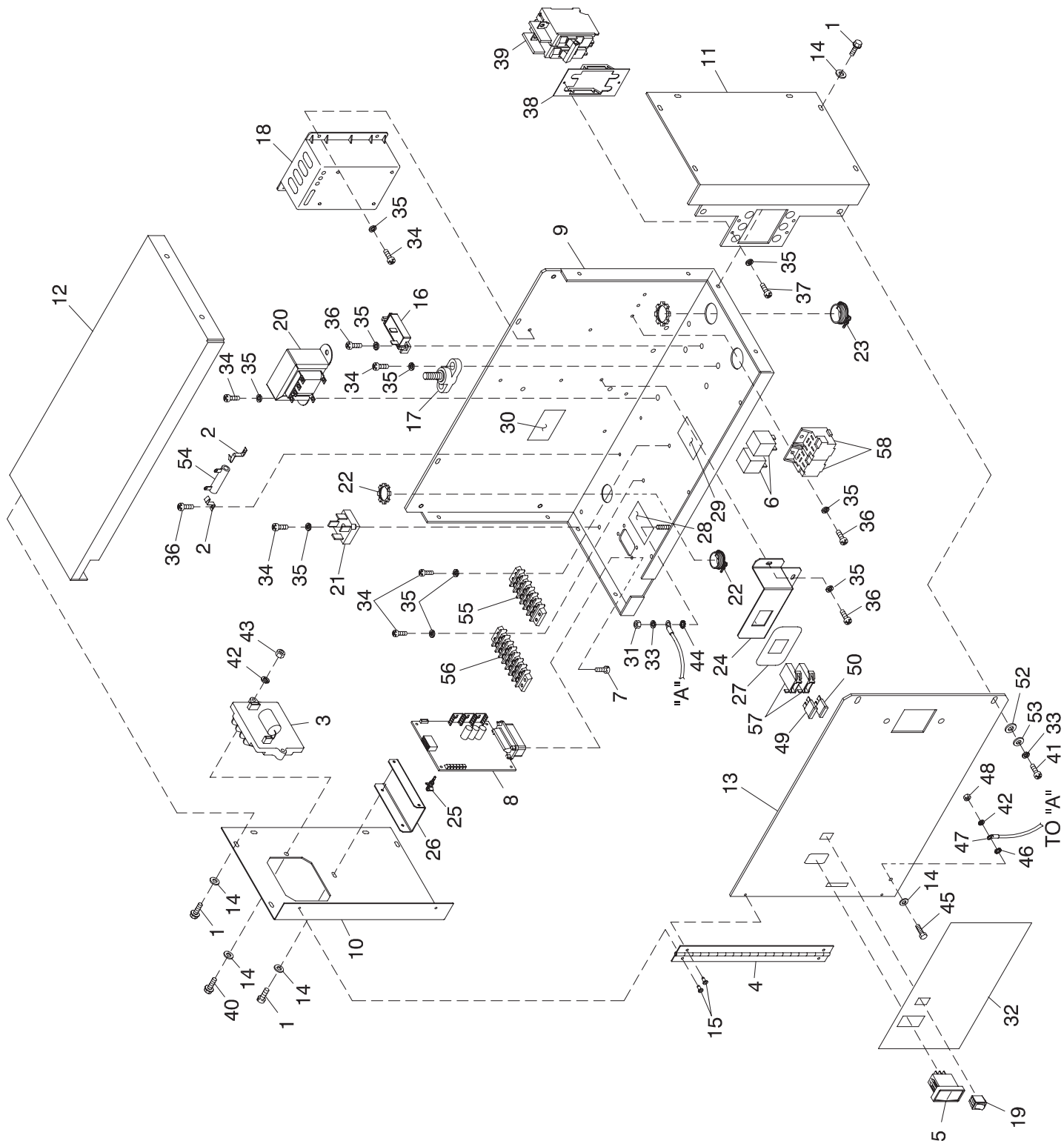
ITEM	PART NO.	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION
1	0C2267	16	SCREW HHTT M5-0.8 X 12 BP	37	023965	2	SCREW RHM #8-32 X 3/8
3	0D5070A	1	ASSY 2A 12V UL BATTERY CHARGER	38	039782	1	BRKT MTG CB BQ
4	0D8671	1	HINGE CONTINUOUS 1.5L CTRL PNL	39	0A2077	1	CB 0125A 2P 240V S BQ2 LL
5	0E4494	1	SWITCH ROC DPDT ON-OFF-ON	40	020911	2	SCREW PPHM M5-0.8 X 30 ZINC
6	0E6875A	2	RELAY, 12VDC C FORM W/DIODE	41	0A8955	2	SCREW PHM M6-1.0 X 20MM
7	0E7358	4	SCREW PPPH HI-LO #4-24 X 3/8	42	022152	3	WASHER LOCK #10
8	0E9704	1	ASSY PCB HSB CONTROLLER 2.5L	43	051716	2	NUT HEX M5-0.8 G8 YEL CHR
9	0E9934	1	CTRL PNL BACK & BOTTOM 2.5L	44	023762	1	WASHER SHAKEPROOF EXT #10 STL
10	0E9935	1	CTRL PNL LH SIDE 2.5L FORD	45	033121	1	SCREW HHC #10-32 X 1/2
11	0E9936	1	CTRL PNL RH SIDE 2.5L FORD	46	026850	1	WASHER SHAKEPROOF EXT 1/4 STL
12	0E9937	1	CTRL PNL TOP 2.5L FORD	47	0912970087	1	ASSY WIRE 14AWG 16" #0 GRN/YEL
13	0E9938	1	CTRL PNL FRONT 2.5L FORD	48	022158	1	NUT HEX #10-32 STEEL
14	023897	19	WASHER FLAT #10 ZINC	49	0E7403C	1	FUSE ATO TYPE 15 AMP (BLUE)
15	036261	4	RIVET POP .125 X .275 AL	50	0E7403A	1	FUSE ATO TYPE 5 AMP (TAN)
16	054450	1	CIRCT BRK 5.5 X 1 ETA 46-500-P	51	0F0526	1	HARN CTRL PNL 2.5L FD (NOT SHOWN)
17	057073	1	JUNCTION BLOCK 3/8-16	52	0A2115	2	WASHER NYLON .257
18	067680	1	ASSY VOLTAGE REGULATOR 60HZ	53	022473	2	WASHER FLAT 1/4-M6 ZINC
19	082573	1	SWITCH ROC DPST 125V SPD	54	038150	5	WASHER FLAT #8 ZINC
20	0C3910	1	TRANSFORMER 240/16V 1VA & 56VA	55	0C2428	2	SCREW PHTT #6-32 X 1/2 ZYC
21	029673	1	DIO BRIDGE 25A 600V	56	022155	2	WASHER LOCK #6
22	034616	1	FITTING STRAIGHT 3/4	57 *	052619	2	SCREW HHC M5-0.8 X 20 G8.8
23	0E2514	1	FITTING CONDUIT STR 1-1/2"	58 *	023897	4	WASHER FLAT #10 ZINC
24	0F0581	1	BRACKET FUSE HOLDER 2.5L FORD	59 *	049226	2	WASHER LOCK M5
25	040213	2	PCB SUPPORT SNAP-IN 1/4"	60 *	051716	2	NUT HEX M5-0.8 G8 YEL CHR
26	0F0558	1	BRACKET PCB SUPPORT 2.5L FORD	61 **	046357	REF	BLOCK TERM 20A 6 X 6 X 1100V
27	0F0598	1	DECAL FUSES 2.5L CNTRL PANEL	62 **	047822	REF	BLOCK TERM 20A 7 X 6 X 1100V
28	0F0599	1	DECAL TB1 2.5L CONTROL PANEL	63 **	0F1467	REF	ASSY WIRE FUSE HOLDER
29	0F0600	1	DECAL ICT 2.5L CONTROL PANEL	64 **	0E6881	REF	SOCKET RELAY
30	054199	1	DECAL DANGER HIGH VOLTAGE	65	0A9457	1	DECAL NEUTRAL
31	049813	1	NUT HEX M6 X 1.0 G8 YEL CHR				
32	0F0653	1	DECAL CONTROL HSB 2.5L FORD				
33	022097	3	WASHER LOCK M6-1/4				
34	0C2212	13	SCREW PHTT M4-0.7 X 16 ZYC				
35	022264	20	WASHER LOCK #8-M4				
36	0C2265	5	SCREW PHTT M4-0.7 X 12 ZYC				

* NOT SHOWN. HARDWARE FOR ATTACHING WIRES TO I/N 39.

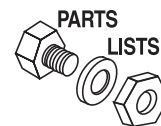
** PART OF I/N 51, P/N 0F0526 CONTROL PANEL HARNESS.

Section 8 - Exploded Views and Parts

Guardian Liquid-cooled 25 kW Generator Control Panel – Drawing No. 0F1378-D



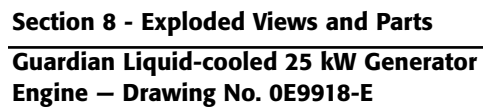
Section 8 - Exploded Views and Parts
Guardian Liquid-cooled 25 kW Generator
Control Panel – Drawing No. 0F1378-D



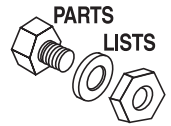
ITEM	PART NO.	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION
1	0C2267	16	SCREW HHTT M5-0.8 X 12 BP	35	022264	22	WASHER LOCK #8-M4
2	064733	2	RES MTG BRACKET	36	0C2265	13	SCREW PHTT M4-0.7 X 12 ZYC
3	0D5070A	1	ASSY 2A 12V UL BATTERY CHARGER	37	023965	2	SCREW RHM #8-32 X 3/8
4	0D8671	1	HINGE CONTINUOUS 1.5L CTRL PNL	38	039782	1	BRKT MTG CB BQ
5	0E4494	1	SWITCH ROC DPDT ON-OFF-ON	39	0D5544	1	CB 0100A 2P 240V S BQ2 LL (20KW)
6	0E6875A	2	RELAY 12VDC C FORM W/DIODE		0D5541	1	CB 0070A 2P 240V S BQ2 LL (15KW)
7	0E7358	4	SCREW PPPH HI-LO #4-24 X 3/8	40	020911	2	SCREW PPHM M5-0.8 X 30 ZINC
8	0E9704	1	ASSY PCB HSB CONTROLLER 2.5L	41	0A8955	2	SCREW PHM M6-1.0 X 20MM
9	0E9934	1	CTRL PNL BACK & BOTTOM 2.5L	42	022152	3	WASHER LOCK #10
10	0E9935	1	CTRL PNL LH SIDE 2.5L FORD	43	051716	2	NUT HEX M5-0.8 G8 YEL CHR
11	0E9936	1	CTRL PNL RH SIDE 2.5L FORD	44	023762	1	WASHER SHAKEPROOF EXT #10 STL
12	0E9937	1	CTRL PNL TOP 2.5L FORD	45	033121	1	SCREW HHC #10-32 X 1/2
13	0E9938	1	CTRL PNL FRONT 2.5L FORD	46	026850	1	WASHER SHAKEPROOF EXT 1/4 STL
14	023897	19	WASHER FLAT #10 ZINC	47	0912970087	1	ASSY WIRE 14AWG 16" #0 GRN/YEL
15	036261	4	RIVET POP .125 X .275 AL	48	022158	1	NUT HEX #10-32 STEEL
16	048468	1	CIRCT BRK 8 X 1 ETA 46-500-P	49	0E7403C	1	FUSE ATO TYPE 15 AMP (BLUE)
17	057073	1	JUNCTION BLOCK 3/8-16	50	0E7403A	1	FUSE ATO TYPE 5 AMP (TAN)
18	067680	1	ASSY VOLTAGE REGULATOR 60HZ	51	0F0526A	1	HARN CTRL PNL 2.5L FD (NOT SHOWN)
19	082573	1	SWITCH ROC DPST 125V SPD	52	0A2115	2	WASHER NYLON .257
20	0C3910	1	TRANSFORMER 240/16V 1VA & 56VA	53	022473	2	WASHER FLAT 1/4-M6 ZINC
21	029673	1	DIO BRIDGE 25A 600V	54	048352	1	RES 5R 5% 25W
22	034616	1	FITTING STRAIGHT 3/4	55 *	046357	REF	BLOCK TERM 20A 6 X 6 X 1100V
23	0E2514	1	FITTING CONDUIT STR 1-1/2"	56 *	047822	REF	BLOCK TERM 20A 7 X 6 X 1100V
24	0F0581	1	BRACKET FUSE HOLDER 2.5L FORD	57 *	0F1467	REF	ASSY WIRE FUSE HOLDER
25	040213	2	PCB SUPPORT SNAP-IN 1/4"	58 *	0E6881	REF	SOCKET RELAY
26	0F0558	1	BRACKET PCB SUPPORT 2.5L FORD	59 **	049226	2	WASHER LOCK M5
27	0F0598	1	DECAL FUSES 2.5L CNTRL PANEL	60 **	051716	2	NUT HEX M5-0.8 G8 YEL CHR
28	0F0599	1	DECAL TB1 2.5L CONTROL PANEL	61 **	052619	2	SCREW HHC M5-0.8 X 20 G8.8
29	0F0600	1	DECAL ICT 2.5L CONTROL PANEL	62 **	023897	4	WASHER FLAT #10 ZINC
30	054199	1	DECAL DANGER HIGH VOLTAGE				
31	049813	1	NUT HEX M6 X 1.0 G8 YEL CHR				
32	0F0653	1	DECAL CONTROL HSB 2.5L FORD				
33	022097	3	WASHER LOCK M6-1/4				
34	0C2212	9	SCREW PHTT M4-0.7 X 16 ZYC				

* PART OF I/N 51, P/N 0F0526A CONTROL PANEL HARNESS.

** NOT SHOWN. HARDWARE FOR ATTACHING WIRES TO I/N 39.



Section 8 - Exploded Views and Parts
Guardian Liquid-cooled 25 kW Generator
Engine — Drawing No. 0E9918-E

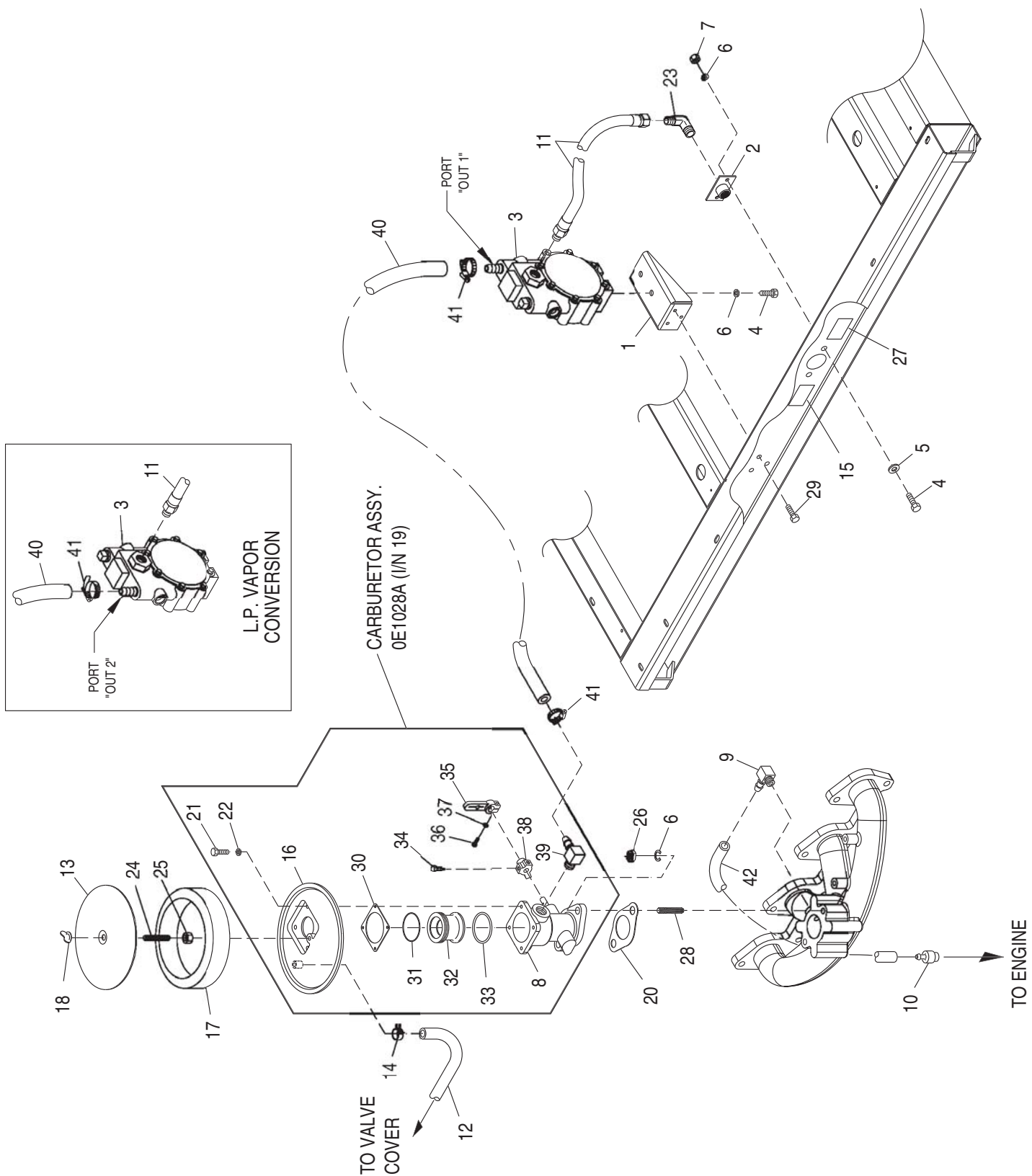


ITEM	PART NO.	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION
1	0E9909	REF	ENGINE 2.5L FORD	33	0E9680	1	GASKET, 2.5L FORD EXHAUST MAN.
2	0E9739	1	PULLEY, 2.5L FORD WATER PUMP	34	0E9609	1	MANIFOLD, EXHAUST (MACHINED)
3	049814	8	SCREW HHC M10-1.5 X 25 G8.8	35	0E9930	1	HEAT SHIELD, EXHAUST MANIFOLD
4	0F0001	1	CLUTCH, COOLING FAN 2.5L FORD	36	049821	3	SCREW SHC M8-1.25 X 30 G12.9
5	0D3488B	1	SERPENTINE BELT - 41 3/8" LENGTH	37	0E9747	1	STARTER, 12 VOLT
6	0A8584	1	SWITCH,OIL PRESSURE,10PSI,2POL	38	043116	5	SCREW HHC M6-1.0 X 12 G8.8
7	0E0561	1	ASSY WATER LEVEL SENSOR C/E	39	022473	6	WASHER FLAT 1/4-M6 ZINC
PL				40	045772	2	NUT HEX M10-1.5 G8 YEL CHR
8	0A6751	1	SW-TMP 245DEG 3/8NPT	41	064416	2	SCREW HHC M10-1.5 X 45 G8.8
9	035579	1	BUSHING REDUCER 1/4 TO 1/8	42	0F0252	1	SPRING BUSHING
10	026925	1	PLUG STD PIPE 3/8 STEEL SQ HD	43	0E9868	1	ALTERNATOR, D.C
11	0E9611	1	MANIFOLD, INTAKE (MACHINED) (STEPPER MOTOR)	44	0F0035	1	BRKT,D.C. ALTERNATOR(MACHINED)
	0E9611A	1	MANIFOLD INTAKE MACH BOSCH32 (BOSCH GOV.) (NOT SHOWN)	45	026082	1	SCREW HHC 3/8-16 X 2-1/4 G5
12	0E9681	1	GASKET, 2.5L FORD INTAKE MAN.	46	0E9928	1	TENSIONER, D.C. ALTERNATOR
13	039253	4	SCREW HHC M8-1.25 X 20 G8.8	47	0F0383	1	HOSE,2.5L FORD COOLANT BY-PASS
14	097962	4	SCREW SHC M6-1.0 X 25 G12.9 ZP	48	057823	2	CLAMP HOSE #10 .56-1.06
15	022145	8	WASHER FLAT 5/16-M8 ZINC	49	0E9737	1	LOWER HOSE ADAPTER,2.5L FORD
16	022097	11	WASHER LOCK M6-1/4	50	0F0393	1	O-RING 1-3/16 X 1-7/16 X 1/8
17	022129	16	WASHER LOCK M8-5/16	51	045757	2	SCREW HHC M6-1.0 X 25 G8.8
18	043107	11	SCREW HHC M8-1.25 X 25 G8.8	52	069860C	1	HOSE OIL DRAIN ASSY 21"
19	022131	19	WASHER FLAT 3/8-M10 ZINC	53	048031J	REF	HOSE CLAMP BAND 5/8"
20	046526	30	WASHER LOCK M10	54	055596	1	BARBED STR 3/8NPT X 3/8
21	052625	2	SCREW SHC M10-1.5 X 35 G12.9	55	077456	1	ADAPTER M12-1.75 3/8NPT
22	0E9708	2	ENGINE FOOT, 2.5L FORD	56	052677	1	WASHER NYLON .50 X .87 X .06
23	0E9738	1	DIPSTICK, 2.5L FORD	57	049813	1	NUT HEX M6 X 1.0 G8 YEL CHR
24	0E9929	1	BRACKET, DIPSTICK TUBE	58	0E9738A	1	DIPSTICK TUBE, 2.5L FORD
25	0F0230	1	FAN 16" COOLING	59	0F1132	1	COVER, R/H SIDE ENGINE ADAPTOR
26	0E9834	1	HARNESS, 2.5L FORD ENGINE (GENERAC & GUARDIAN) (NOT SHOWN)	60	0F1133	1	COVER, L/H SIDE ENGINE ADAPTOR
	0E9834A	1	HARNESS,2.5L FORD (QUIET SOURCE) (GENERAC-BOSCH GOV.) (NOT SHOWN)	61	059355	8	SCREW SHC M10-1.50 X 50 G12.9
27	0D5417	6	SCREW HHC M10-1.0 X 25 G10.9	62	076749	1	TANK COOLANT RECOVERY
28	0E5048B	1	FLEXPLATE 2.5L FORD	63	029032	1	HOSE 9/32 ID (39"LG)
29	0E9655	1	ADAPT CASTING MACH 2.5L FORD	64	0F1433	1	BRACKET,2.5L FORD WATER BOTTLE
30	057192	4	SCREW SHC M10-1.5 X 30 G12.9	65	070007	3	WASHER FLAT M6 SS
31	060619	2	SCREW SHC M10-1.50 X 40 G12.9	66	070005	3	WASHER LOCK M6 SS
32	0E8940	1	SPACER FLEXPLATE HSB	67	080826	3	SCREW HHC M6-1.0 X 12 SS
				68	045771	1	NUT HEX M8-1.25 G8 YEL CHR
				69	048031C	2	CLAMP HOSE BAND 1/4

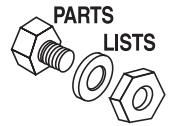
Section 8 - Exploded Views and Parts

Guardian Liquid-cooled 25 kW Generator

Fuel System – Drawing No. 0E9980-D

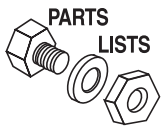


Section 8 - Exploded Views and Parts
Guardian Liquid-cooled 25 kW Generator
Fuel System – Drawing No. 0E9980-D



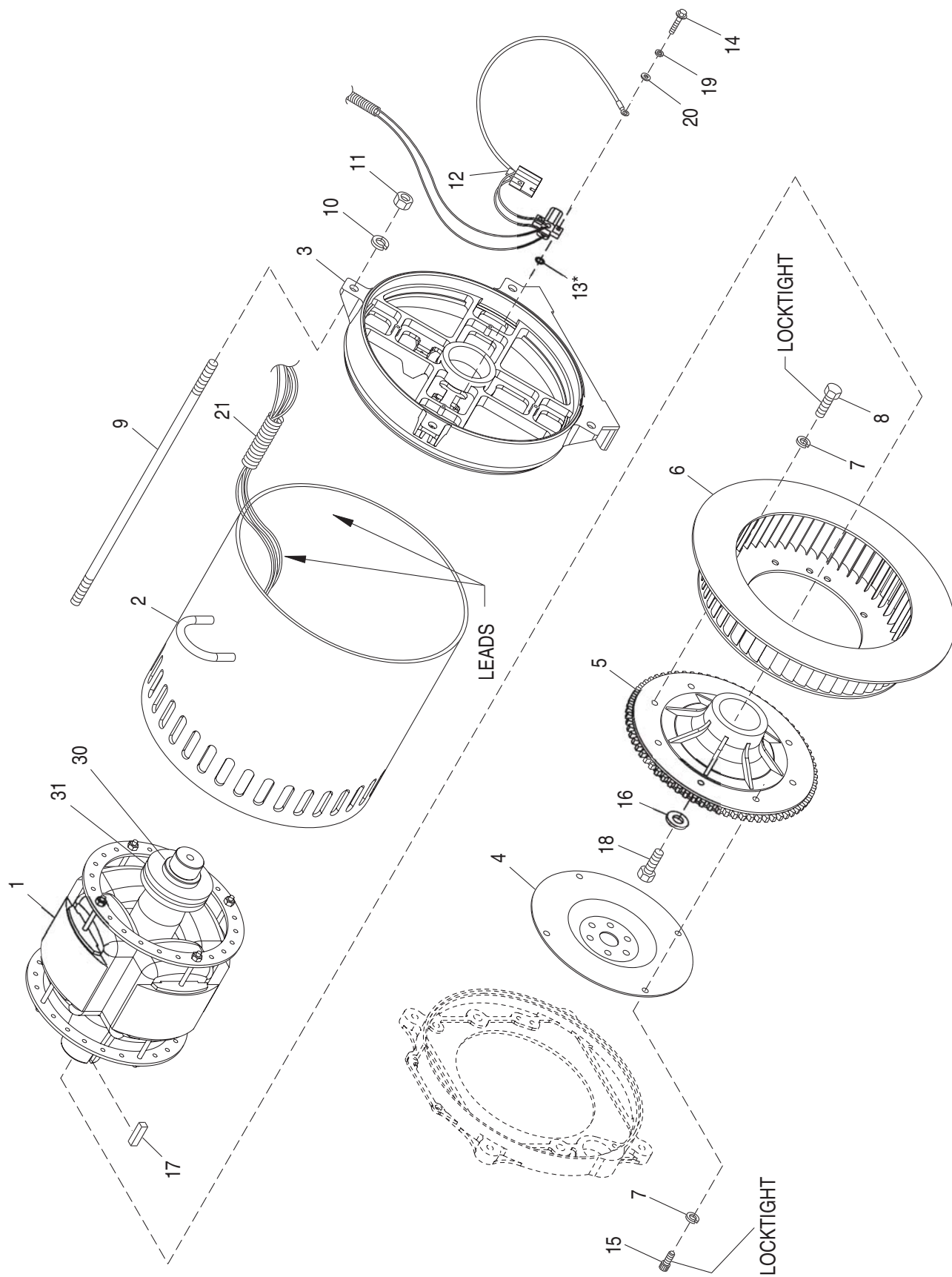
ITEM	PART NO.	QTY.	DESCRIPTION
1	0E8456	1	BRACKET FUEL REGULATOR
2	075580	1	FLANGE FUEL INLET
3	0E9967	1	ASSY FUEL REG 2.5L FRD N/G-L/P
4	039253	4	SCREW HHC M8-1.25 X 20 G8.8
5	022145	2	WASHER FLAT 5/16 ZINC
6	022129	6	WASHER LOCK M8-5/16
7	045771	2	NUT HEX M8-1.25 G8 YEL CHR
8 *	0F1570	1	BODY CARBURETOR ASSEMBLY
9	0A6344	1	BARBED EL 90 1/8 NPT X 3/8
10	0F3994	REF.	PCV VALVE 2.5L FORD
11	0E1056	1	FUEL HOSE ASSM. NAT. GAS/L.P.V.
12	0F0397	1	HOSE CRANKCASE BREATHER
13	0A5547	1	COVER AIR CLEANER
14	048031C	2	CLAMP HOSE BAND 1/4
15	0D1509	1	DECAL INLET PRESSURE
16 *	0E0591	1	ADAPTER CARB. TO AIR CLNR
17	059402	1	FILTER ELEMENT
18	037561	1	NUT WING 1/4-20 NYLK
19	0E1028A	1	CARBURETOR ASSY. 2.5L FORD
20	059401	1	CARBURETOR GASKET
21 *	091526	4	SCREW PPHM M5-0.8 X 12 ZNC
22 *	049226	4	WASHER LOCK M5
23	026307	1	ELBOW 90D STREET 3/4
24	062522	1	STUD TH 1/4-20 X 3 G2 ZNC FULL
25	022127	1	NUT HEX 1/4-20 STEEL
26	022259	2	NUT HEX 5/16-18 STEEL
27	050279	1	DECAL FUEL INLET NG
28	0A6125	2	STUD 5/16-18 X 1.25 F THR
29	0C2454	3	SCREW TH-FRM M6-1 X 16 N WA Z/JS
30*	0E1104	1	GASKET, AIR CLEANER ADAPTER
31*	0E0668	1	O-RING 2-028 1.38 X 1.50 X .06
32*	0E0590A	1	VENTURI 20MM
33*	0C5133	1	O-RING 29.82 X 2.62
34*	0E0665	1	SCREW THROTTLE PIN STOP
35*	0E1108	1	THROTTLE ARM REWORK
36*	033138	1	SCREW HHM #10-32 X 5/8
37*	022152	1	WASHER LOCK #10
38*	0E0645	1	LEVER, THROTTLE STOP
39*	034339	1	BARBED EL 90 3/8 NPT X 5/8
40	059194	1	HOSE 5/8 ID LPG & NG (24" LG)
41	057823	2	CLAMP HOSE #10 .56 - 1.06
42	0F0382	1	HOSE 3/8" 90 DEG 2.5L PVC

* INCLUDED IN ITEM 19 (CARBURETOR ASSY)

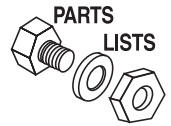


Section 8 - Exploded Views and Parts

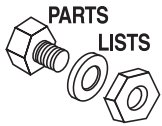
Guardian Liquid-cooled 25 kW Generator Alternator – Drawing No. 0E8660-C



Section 8 - Exploded Views and Parts
Guardian Liquid-cooled 25 kW Generator
Alternator – Drawing No. 0E8660-C

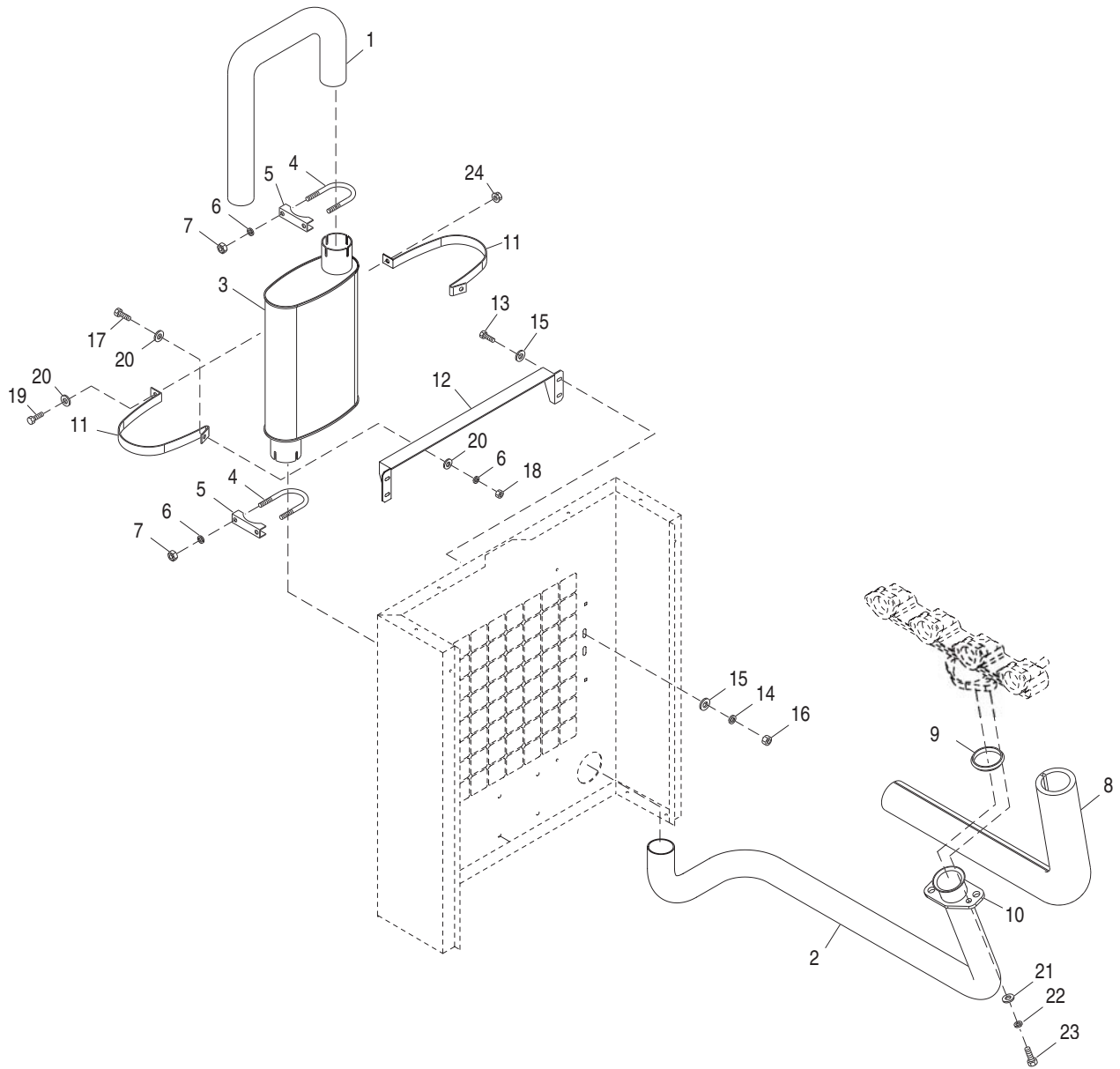


ITEM	PART NO.	QTY.	DESCRIPTION
1	0F1659A	1	ROTOR 390 15KW 1P DIRECT HSB (2.5L FORD)
	0F1657A	1	ROTOR 390 20KW 1P DIRECT HSB (2.5L FORD)
	0F1655A	1	ROTOR 390 25KW 1P DIRECT HSB (2.5L FORD)
	0E5093A	1	ROTOR 390 30KW 1P DIRECT HSB (3.0L FORD & 2.5L FORD)
	0E7413A	1	ROTOR 390 40KW 1P DIRECT HSB (3.9L CHRYSLER)
2	0F1660A	1	STR 390 15AD HSB (382MM LONG)(2.5L FORD)
	0F1658A	1	STR 390 20AD HSB (382MM LONG)(2.5L FORD)
	0F1656A	1	STR 390 25AD HSB (382MM LONG)(2.5L FORD)
	0E5094A	1	STR 390 35AD1 HSB (382MM LONG)(3.0L FORD & 2.5L FORD)
	0E7412A	1	STR 390 40AD HSB (433MM LONG)(3.9L CHRYSLER)
3	0E5706	1	REAR BEARING CARRIER 390/DRCT
4	0E5048	REF	FLEXPLATE 3.0L FORD
	0E5048A	REF	FLEXPLATE 3.9L HSB
	0E5048B	REF	FLEXPLATE 2.5L FORD
5	0E6668	1	FLYWHEEL ASSY 3.0L HSB LG GEAR
6	0E6076	1	REVCOR FAN 10.75 X 2 W/PRESS DIS
7	046526	8	WASHER LOCK M10
8	051755	4	SCREW HHC M10-1.5 X 16 G8.8
9	04576100BK	4	STUD M14-2.0 X 490 G5 ZINC (3.0L FORD & 2.5L FORD)
	04576100BF	4	STUD M14-2.0 X 540 G5 ZINC (3.9L CHRYSLER)
10	043123	4	WASHER LOCK M14
11	051779	4	NUT HEX M14-2.0 G8 YEL CHR
12	0E7587	1	ASSY BRUSH HOLDER 390/HSB
13	023365	1	WASHER SHAKEPROOF INT #8
14	0C3993	4	SCREW HHTT M4-0.7 X 25 BP
15	057192	4	SCREW SHC M10-1.5 X 30 G12.9
16	0A2602	1	WASHER FLAT .688 ID X 3.25 OD
17	042558	1	KEY SQ 3/8 X 1 STEEL
18	0A2601	1	SCREW HHC M16-2.0 X 45 G8.8
19	022264	4	WASHER LOCK #8-M4
20	038150	4	WASHER FLAT #8 ZINC
21	077043F	1	CONDUIT FLEX 1-1/4" (30" LG - 3.0L FORD & 3.9L CHRYSLER)
	077043F	1	CONDUIT FLEX 1-1/4" (18" LG - 2.5L FORD)
ROTOR REPLACEMENT PARTS			
30	047248	1	BALL BEARING-45 MM
31	070892	1	SLIP RING -MACHINED-



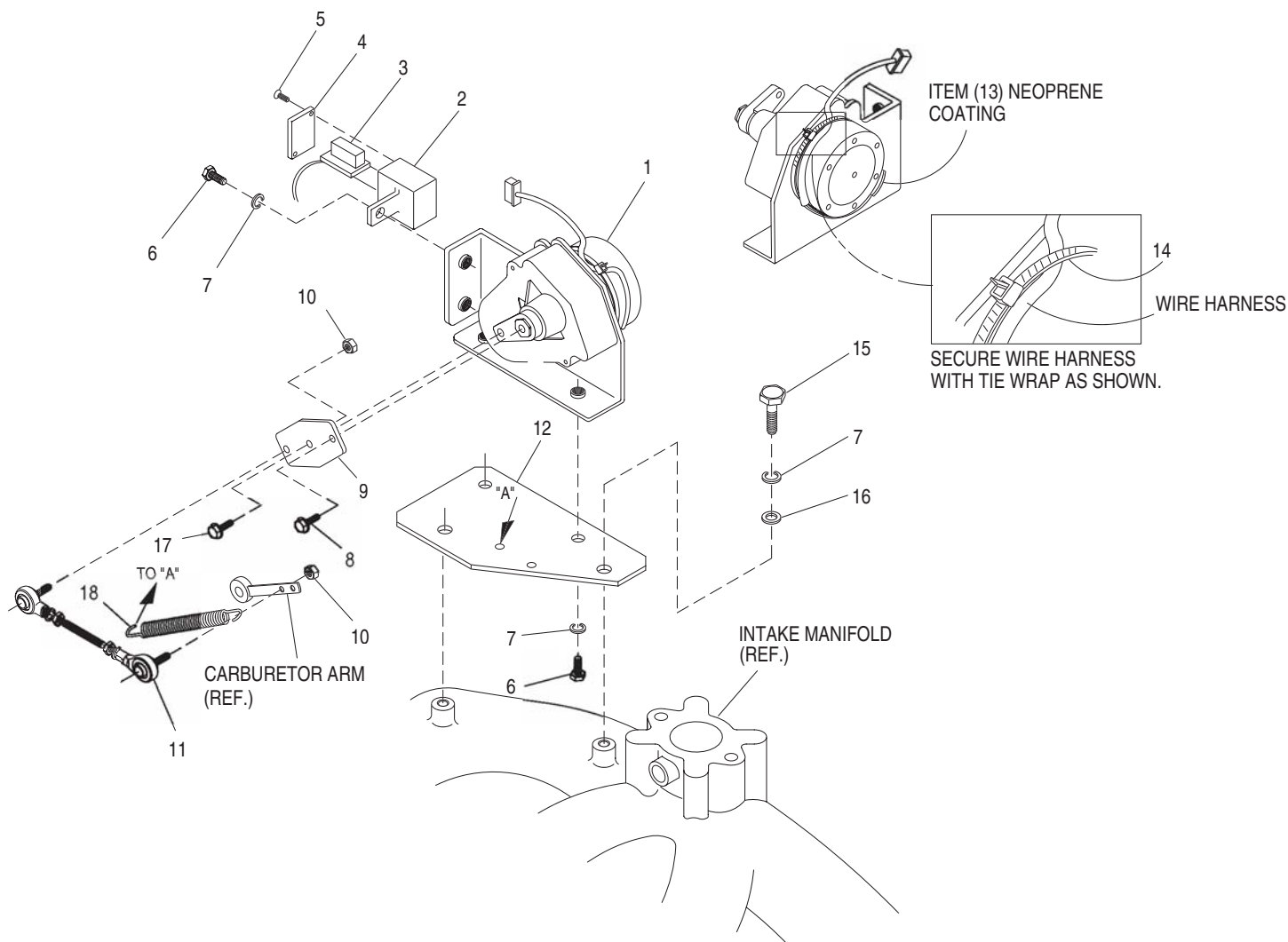
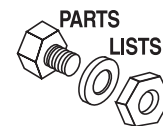
Section 8 - Exploded Views and Parts

Guardian Liquid-cooled 25 kW Generator Muffler – Drawing No. 0F2930-B

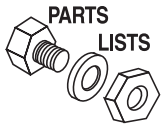


ITEM	PART NO.	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION
1	0F2912	1	PIPE MUFFLER OUT	13	047411	4	SCREW HHC M6-1.0 X 16 G8.8
2	0F2869	1	PIPE EXHAUST 2.5L FORD	14	022097	4	WASHER LOCK M6-1/4
3	0F2823	1	MUFFLER 2.5L FORD	15	022473	8	WASHER FLAT 1/4-M6 ZINC
4	036434	2	BOLT U 5/16-18 X 2.09	16	049813	4	NUT HEX M6 X 1.0 G8 YEL CHR
5	036449	2	SADDLE 2 INCH	17	039253	2	SCREW HHC M8-1.25 X 20 G8.8
6	022129	6	WASHER LOCK M8-5/16	18	045771	2	NUT HEX M8-1.25 G8 YEL CHR
7	022259	4	NUT HEX 5/16-18 STEEL	19	0A4010	1	SCREW HHC M8-1.25 X 60 G8.8 FT
8	0E0170A	1	EXHAUST BLANKET 938MM	20	022145	5	WASHER FLAT 5/16-M8 ZINC
9	044149	1	GASKET EXHAUST RING	21	022131	2	WASHER FLAT 3/8-M10 ZINC
10	0E8816	1	EXHAUST FLANGE 2" PIPE	22	085917	2	WASHER LOCK 3/8 SS
11	0F2925	2	STRAP MUFFLER	23	0D2611	2	SCREW HHC 3/8-16 X 1-3/4 SS
12	0F2926	1	BRACKET, MUFFLER	24	052858	1	NUT TOP LOCK FL M8-1.25

Section 8 - Exploded Views and Parts
Guardian Liquid-cooled 25 kW Generator
Stepper Motor – Drawing No. 0E9979-C

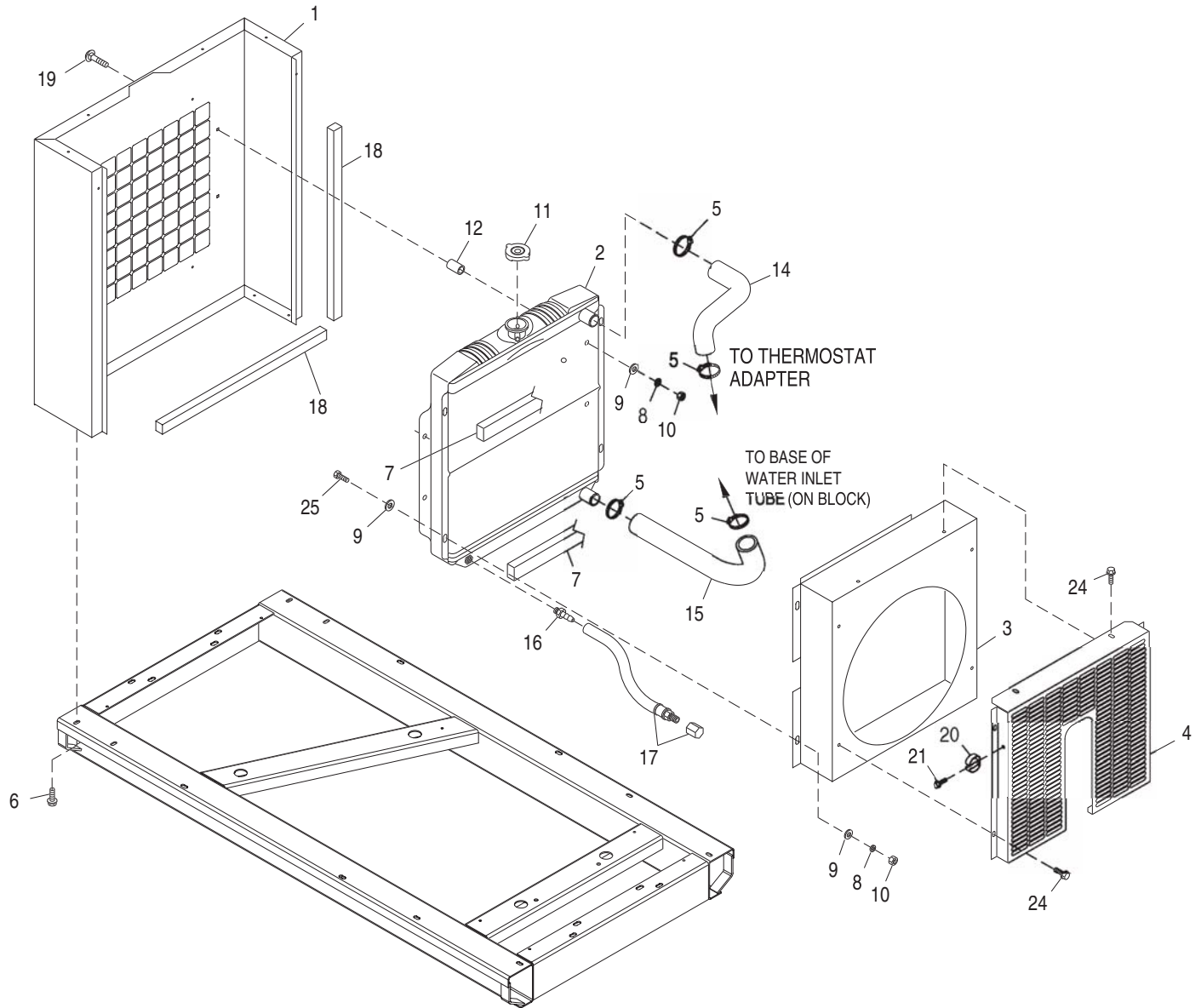


ITEM	PART NO.	QTY.	DESCRIPTION
1	098290	1	ASM MOTOR STEPPER
2	098941A	1	HOUSING GOVERNOR CONNECTOR
3	0F0454	REF	HARN GOV 2.5L FORD
4	098942A	1	COVER CONNECTOR HOUSING
5	098225	2	SCREW PFHST #2 X 5/8
6	043146	3	SCREW HHC M6-1.0 X 10 G8.8
7	022097	5	WASHER LOCK M6-1/4
8	0E7358	REF	SCREW PPPH HI-LO #4-24 X 3/8
9	098783	1	LEVER STEPPER MOTOR
10	037398	2	NUT LOCK HEX #10-32 NYL INS
11	0E1326	1	ASSY. CARBURETOR LINKAGE ROD
12	0A7106	1	BRACKET STEPPER MOTOR
13	074031	AR	LIQUID NEOPRENE
14	029333A	1	TIE WRAP 7.4"X.19" BLK UL
15	022507	2	SCREW HHC 1/4-20 X 1/2 G5
16	022473	2	WASHER FLAT 1/4 ZINC
17	064526	1	SCREW TAP HWH #6-25 X 3/8 ZINC
18	0E1694	1	SPRING,ANTI LASH



Section 8 - Exploded Views and Parts

Guardian Liquid-cooled 25 kW Generator Radiator — Drawing No. 0E9965-D



ITEM	PART NO.	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION
1	0E9769	REF	SUPPORT,RADIATOR 2.5L FORD	14	0F0127	1	HOSE, UPPER RADIATOR 174MM TAL
	0F0779	REF	SUPPORT RADIATOR 2.5L AL	15	0E9833	1	HOSE, 2.5L FORD LOWER RADIATOR
2	0E9837	1	RADIATOR, 2.5L FORD	16	035461	1	BARBED STR 1/4NPT X 3/8
3	0F0123	1	VENTURI, 16" FAN 2.5L FORD	17	069860C	1	HOSE OIL DRAIN ASSY 21"
4	0F0118	1	GUARD, FAN 2.5L FORD	18	0A7275	4	FOAM 1.5 X 1 ADHESIVE BACKING (21.5" LG)
5	099502	4	CLAMP HOSE #24 B1.06-2.00	19	031669	4	BOLT CARR 1/4-20 X 1-3/4 JS500
6	0C2454	REF.	SCREW THF M6-1X16 N WA Z/JS	20	065852	1	SPRING CLIP HOLDER .37-.62
7	052250	2	TAPE FOAM 1 X 1 (17"LG)	21	0A2111	1	SCREW SWAGE 10-32 X 5/16 Z/YC
8	022097	8	WASHER LOCK M6-1/4	24	0C2454	6	SCREW TH-FRM M6-1X16 N WA Z/JS
9	022473	12	WASHER FLAT 1/4 ZINC	25	022287	4	SCREW HHC 1/4-20 X 3/4 G5
10	022127	8	NUT HEX 1/4-20 STEEL				
11	046627	1	CAP RADIATOR				
12	060035	4	SPACER .41 X .75 X .87 ST/ZNC				