

EC6010DR/Q

EC6010 DR/Q

REF #	DESCRIPTION	PART #	QTY	
1	100	YANMAR L100AE	15806-000	1 1
2	101	ENGINE HARNESS W/ CONNECT	15874-001	1 6
3	102	SAFETY SWITCH - OIL PRESS	99036-000	1 3
4	103	SAFETY SWITCH - HI TEMP	15808-002	1 4
5				5
6	114	MUFFLER, REAR OUTLET	15806-012	1 6
7	115	ADAPTER, EXHAUST	16052-000	1 7
8	116	HI-TEMP EXH WRAP (FT)	97274-000	8 8
9	118	SAFETY SWITCH - HI TEMP	15808-002	1 9
10	119	SAFETY SWITCH - HI TEMP	15808-002	1 10
11				11
12	131	VALVE, OIL DRAIN	98906-003	1 12
13	132	FILTER, OIL	OEM/YANMAR	1 13
14				14
15				15
16	210	ECM - ENG CONTROL (RSS-3)	15655-000	1 16
17	215	FUSE - 3/4 A (IN CONTROL)	95064-002	1 17
18	216	INDICATOR LAMP - 12VDC	64577-000	2 18
19	217	RUNNING TIME METER	58166-006	1 19
20				20
21	221	BOX, CONTROL (BARE)	15667-001	1 21
22	222	COVER, CONTROL	15666-001	1 22
23				23
24	251	BOX, POWER JUNCTION	15615-000	1 24
25	252	COVER, POWER JUNCTN BOX	15620-000	1 25
26				26
27				27
28	502	ROTOR THRU-BOLT (5/16-24)	23197-009	1 28
29	511	END BRACKET - ENG END	15008-001	1 29
30	512	*END BRACKET - BRG END	15533-001	1 30
31		*STEEL SHIM - BRG BKT	15688-000	1 31
32		*TOLERANCE RING - BRG BKT	15122-003	1 32
33				33
34	514	STATOR ASSEMBLY- 6000/N	15857-000	1 34
35	530	ROTOR ASSY W/BRG & FAN	15045-007	1 35
36	532	BEARING	50215-000	1 36
37	545	STATOR THRU-BOLT (1/4-20)	15068-008	4 37
38				38
39	535	DIODE - Forward Polarity	15047-001	1 39
40	536	DIODE - Reverse Polarity	15047-002	1 40
41	581	END COVER	15086-000	1 41
42		Capacitor - 15051-000		2 42
43				43
44	601	BASE	15797-000	1 44
45	603	SHOCK MOUNT	98807-000	4 45
46	608	UPPER HEAT SHIELD/BAFFLE	15791-000	1 46
47	609	LOWER HEAT SHIELD/BAFFLE	15819-000	1 47
48				48
49				49
50				50

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REF #	DESCRIPTION	PART #	QTY		
51	811	KIT, FUEL CONNECTION	15958-000	1	51
52	812	FUEL SOLENOID - W/CONNECT	97302-004	1	52
53	813	SOLENOID, FUEL (BASIC)	99008-003	1	53
54					54
55	825	FUEL FILTER ASSEMBLY	97303-000	1	55
56	826	ELEMENT, FUEL FILTER	RACOR-10MCN-	1	56
57	827	PUMP, FUEL	81332-001	1	57
58	828	HOSE, FUEL (4.1FT)	40078-000	1	58
59					59
60					60
61	901	DECAL - WARNING	97832-000	1	61
62	902	DECAL SET - WARNING	15209-000	1	62
63	903	DECAL - FUEL	97381-000	1	63
64	904	DECAL - GEN CONNECTION	15859-000	1	64
65	905				65
66					66
67	906	NAMEPLATE	63966-000	1	67
68					68
69	998	OPERATORS MANUAL	60706-118	1	69
70		REPAIR PARTS LIST	60701-118	1	70



97303-001

FOLLOWING INFORMATION IS FOR REFERENCE ONLY

000	COMPLETE UNIT ASY -EC6010	15534-001	--
200	ENGINE CONTROL ASSY.	15764-001	1
500	GEN. ASSY. - COMPLETE	15041-024	--
535	FAN	15136-002	1
800	FUEL SYSTEM-	15869-000	1

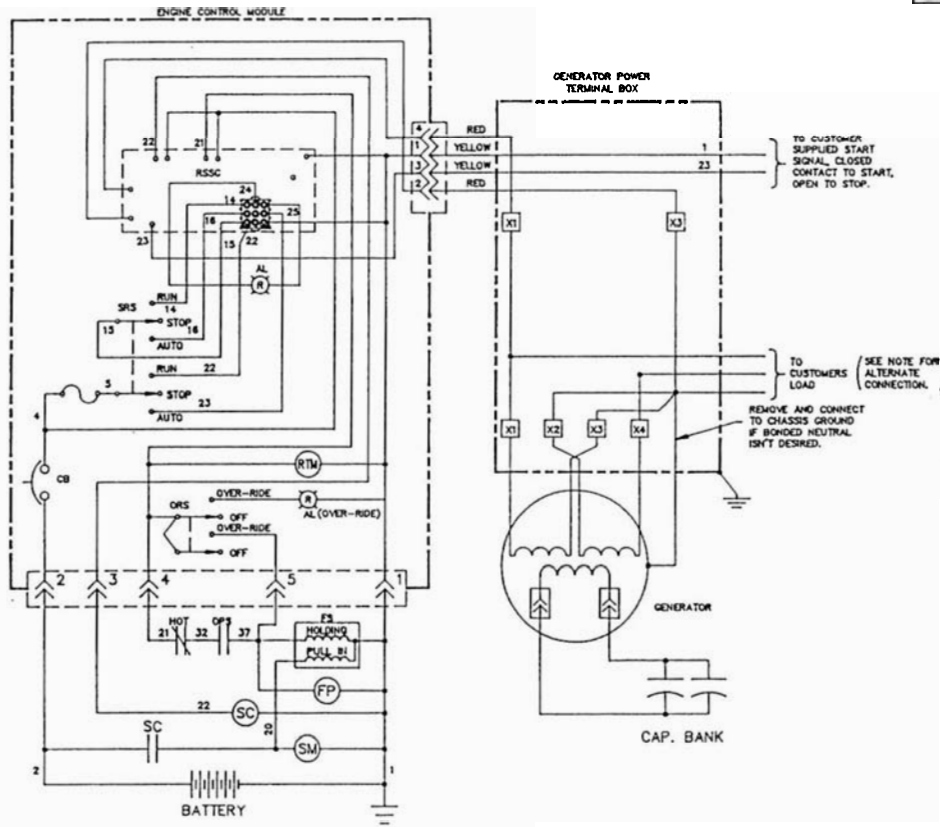
UNIT MODEL SERIES	EC6010DR/Q
AC RESIDUAL VOLTS	7.0 VAC L-L
G1 WIND. RESISTANCE	0.23 OHMS
G3 WIND. RESISTANCE	0.23 OHMS
'Q' WIND. RESISTANCE	0.56 OHMS
FIELD RESISTANCE	1.05 OHMS
WINDING SPEC. (SS#)	1560
ARM. CONNECTION (AC#)	381

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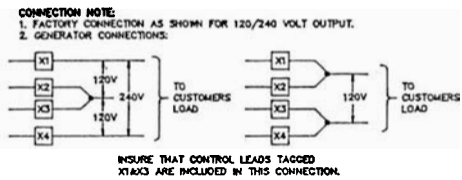
PROBLEM (SYMPTOMS)	POSSIBLE CAUSES
Won't Start (manual)	*Fouled fuel injector. *Out of fuel.
Won't Start (electric)	*Dead battery. *Defective start switch. *Defective start solenoid.
Battery not re-charging	*Broken or loose charging wire. *Defective charging circuit (engine). *Defective battery.
Voltage too low	*Engine speed is too low. *Generator overloaded. *Defective rectifier. *Defective stator. *Defective rotor (field).
Circuit Breaker Trips	*Defective load. *Defective receptacle.
Voltage too high	*Engine speed is too high.
Generator overheating	*Overloaded. *Insufficient ventilation.
No output voltage	*Short in load (disconnect). *Broken or loose wire. *Defective receptacle. *No residual magnetism in generator. *Defective stator. *Defective rotor (field). *Shorted capacitor. *Defective rectifier.

B-15766-1

REVISION RECORD					
ISSUE	E.C.O. NO.	DESCRIPTION	DATE	BY	APPR.
1	---	ORIGINAL	---	---	---
2	---	GEN. LEAD I.D. WAS G1,G3 & N	8-19-93	D.W.	---



- LEGEND**
- AL ALARM LAMP
 - CB CIRCUIT BREAKER
 - FP FUEL PUMP
 - FS FUEL SOLENOID
 - X1,X2,X3 & X4 GENERATOR LEAD IDENTIFICATION
 - HOT HIGH OIL TEMPERATURE SWITCH
 - N NEUTRAL
 - OPS LOW OIL PRESSURE SWITCH
 - ORS OVER-RIDE SWITCH
 - RSSC REMOTE START-STOP CONTROL MODULE
 - RTM RUNNING TIME METER
 - SC STARTER MOTOR CONTACTOR
 - SM STARTER MOTOR
 - SR3 RUN-STOP-REMOTE SWITCH



UNLESS OTHERWISE SPECIFIED		MACHINED SURFACE TEXTURE		ALL DIMENSIONS GIVEN IN INCHES			
FRACTIONS ±	ANGULAR ±			WORK TO DIMENSIONS			
1. PLACE DEC. ±	±			- DO NOT SCALE -			
2. PLACE DEC. ±							
3. PLACE DEC. ±							
THIS DRAWING CONTAINS PROPRIETARY INFORMATION BELONGING TO WINGCO. UNAUTHORIZED USE IS PROHIBITED.	DRAWN BY	DATE	CHK'D BY	DATE	APP'D BY	DATE	SCALE
	RH	3/17/93			RH	5/28/93	1"=3"
	MATERIAL						
	FINISH	TITLE					
ASS'Y	SCHEMATIC						
MOOD.	EC6010DR						
						PART NO.	
						B-15766-1	