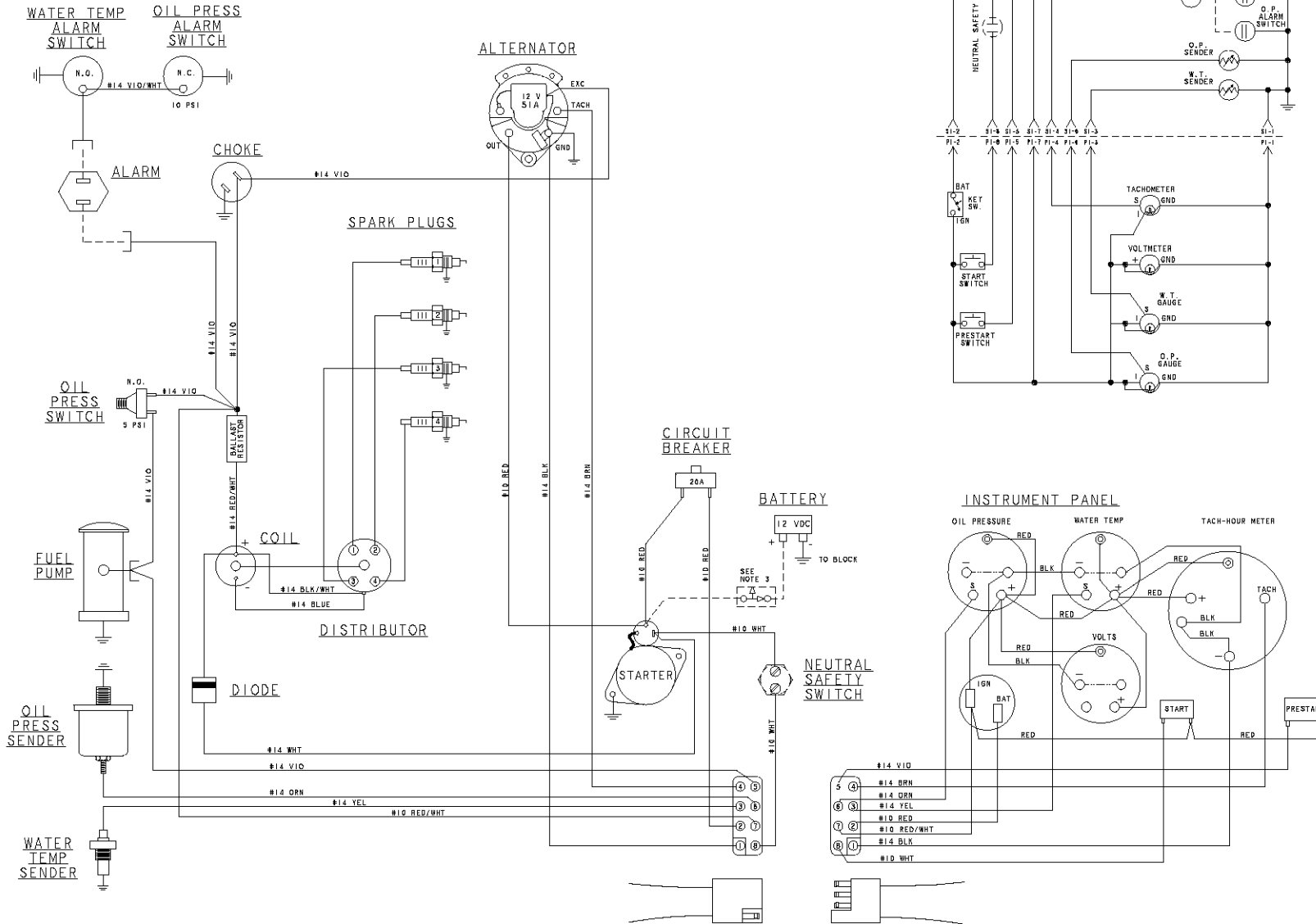


SCHEMATIC DIAGRAM

RESPONSIBILITY FOR SAFETY REGULATIONS

1. THE WESTERBEKE 706A GASOLINE MARINE PROPULSION ENGINE AS SHIPPED FROM THE FACTORY AND EXCLUSIVE OF ITS INSTRUMENT PANEL COMPLIES WITH U.S. COAST GUARD REGULATION 33 CFR-183. THE STANDARD INSTRUMENT PANEL DOES NOT NECESSARILY SO COMPLY AND IS INTENDED TO BE INSTALLED ABOVE DECK AND ISOLATED FROM GASOLINE SOURCES IN ACCORDANCE WITH 33CFR 183.410 (b).
2. IT IS THE RESPONSIBILITY OF THE BOAT MANUFACTURER TO INSURE THAT THE INSTALLATION OF THIS ENGINE AND ITS INSTRUMENT PANEL COMPLY WITH 33CFR-183.
3. AN ON-OFF SWITCH MUST BE INSTALLED IN THIS LINE TO DISCONNECT THE STARTER CIRCUIT FROM THE BATTERY IN AN EMERGENCY AND WHEN LEAVING THE BOAT. TWELVE VOLT STARTERS TYPICALLY DRAW 200 TO 300 AMPS WHEN CRANKING. THE DURATION OF INDIVIDUAL CRANKING CYCLES SHOULD NOT EXCEED 30 SECONDS. A SWITCH WITH A CONTINUOUS RATING OF 175 AMPS AT 12 VOLTS WILL NORMALLY SERVE THESE FUNCTIONS BUT SUCH A SWITCH MUST NEVER BE USED TO "MAKE" THE STARTER CIRCUIT.
4. THIS PRODUCT IS PROTECTED BY A MANUAL RESET CIRCUIT BREAKER LOCATED NEAR THE STARTER AND AS CLOSE TO THE SOURCE OF CURRENT AS POSSIBLE. EXCESSIVE CURRENT DRAIN ANYWHERE IN THE INSTRUMENT PANEL, WIRING OR ENGINE WILL CAUSE THE BREAKER TO TRIP. IN THIS EVENT MOST ENGINE MODELS WILL SHUT DOWN BECAUSE THE OPENED BREAKER DISCONNECTS THEIR FUEL SUPPLY. THEREFORE THE BUILDER OWNER MUST BE SURE THAT THE INSTRUMENT PANEL WIRING AND ENGINE ARE INSTALLED TO PREVENT CONTACT BETWEEN ELECTRICAL DEVICES AND SALT WATER.



TOLERANCES (UNLESS OTHERWISE NOTED)		WESTERBEKE CORPORATION TAUNTON, MA. 02780	
INCHES	MILLIMETERS	WIRING DIAGRAM 706A GASOLINE PROPULSION ENGINE	
1/16" ± 0.005	0.5 ± 0.13	FORM NO.	DATE
1/32" ± 0.002	0.25 ± 0.06	APPROVED BY	DATE
3/16" ± 0.004	0.75 ± 0.19	SCALE NONE	SIZE
1/2" ± 0.008	1.25 ± 0.38	FILE NUMBER	QUANTITY ORDERED
3/4" ± 0.012	1.75 ± 0.56	REV. 1	DATE
1" ± 0.015	2.5 ± 0.76	REV. 2	DATE
1 1/2" ± 0.020	3.75 ± 1.14	REV. 3	DATE
2" ± 0.025	5.0 ± 1.52	REV. 4	DATE
2 1/2" ± 0.030	6.25 ± 1.90	REV. 5	DATE
3" ± 0.035	7.5 ± 2.28	REV. 6	DATE
3 1/2" ± 0.040	8.75 ± 2.67	REV. 7	DATE
4" ± 0.045	10.0 ± 3.05	REV. 8	DATE
4 1/2" ± 0.050	11.25 ± 3.43	REV. 9	DATE
5" ± 0.055	12.5 ± 3.81	REV. 10	DATE
5 1/2" ± 0.060	13.75 ± 4.19	REV. 11	DATE
6" ± 0.065	15.0 ± 4.57	REV. 12	DATE
6 1/2" ± 0.070	16.25 ± 4.95	REV. 13	DATE
7" ± 0.075	17.5 ± 5.33	REV. 14	DATE
7 1/2" ± 0.080	18.75 ± 5.71	REV. 15	DATE
8" ± 0.085	20.0 ± 6.09	REV. 16	DATE
8 1/2" ± 0.090	21.25 ± 6.47	REV. 17	DATE
9" ± 0.095	22.5 ± 6.85	REV. 18	DATE
9 1/2" ± 0.100	23.75 ± 7.23	REV. 19	DATE
10" ± 0.105	25.0 ± 7.62	REV. 20	DATE
10 1/2" ± 0.110	26.25 ± 8.00	REV. 21	DATE
11" ± 0.115	27.5 ± 8.38	REV. 22	DATE
11 1/2" ± 0.120	28.75 ± 8.76	REV. 23	DATE
12" ± 0.125	30.0 ± 9.14	REV. 24	DATE
12 1/2" ± 0.130	31.25 ± 9.52	REV. 25	DATE
13" ± 0.135	32.5 ± 9.90	REV. 26	DATE
13 1/2" ± 0.140	33.75 ± 10.28	REV. 27	DATE
14" ± 0.145	35.0 ± 10.67	REV. 28	DATE
14 1/2" ± 0.150	36.25 ± 11.05	REV. 29	DATE
15" ± 0.155	37.5 ± 11.43	REV. 30	DATE
15 1/2" ± 0.160	38.75 ± 11.81	REV. 31	DATE
16" ± 0.165	40.0 ± 12.19	REV. 32	DATE
16 1/2" ± 0.170	41.25 ± 12.57	REV. 33	DATE
17" ± 0.175	42.5 ± 12.95	REV. 34	DATE
17 1/2" ± 0.180	43.75 ± 13.33	REV. 35	DATE
18" ± 0.185	45.0 ± 13.71	REV. 36	DATE
18 1/2" ± 0.190	46.25 ± 14.09	REV. 37	DATE
19" ± 0.195	47.5 ± 14.47	REV. 38	DATE
19 1/2" ± 0.200	48.75 ± 14.85	REV. 39	DATE
20" ± 0.205	50.0 ± 15.23	REV. 40	DATE
20 1/2" ± 0.210	51.25 ± 15.61	REV. 41	DATE
21" ± 0.215	52.5 ± 15.99	REV. 42	DATE
21 1/2" ± 0.220	53.75 ± 16.37	REV. 43	DATE
22" ± 0.225	55.0 ± 16.75	REV. 44	DATE
22 1/2" ± 0.230	56.25 ± 17.13	REV. 45	DATE
23" ± 0.235	57.5 ± 17.51	REV. 46	DATE
23 1/2" ± 0.240	58.75 ± 17.89	REV. 47	DATE
24" ± 0.245	60.0 ± 18.27	REV. 48	DATE
24 1/2" ± 0.250	61.25 ± 18.65	REV. 49	DATE
25" ± 0.255	62.5 ± 19.03	REV. 50	DATE
25 1/2" ± 0.260	63.75 ± 19.41	REV. 51	DATE
26" ± 0.265	65.0 ± 19.79	REV. 52	DATE
26 1/2" ± 0.270	66.25 ± 20.17	REV. 53	DATE
27" ± 0.275	67.5 ± 20.55	REV. 54	DATE
27 1/2" ± 0.280	68.75 ± 20.93	REV. 55	DATE
28" ± 0.285	70.0 ± 21.31	REV. 56	DATE
28 1/2" ± 0.290	71.25 ± 21.69	REV. 57	DATE
29" ± 0.295	72.5 ± 22.07	REV. 58	DATE
29 1/2" ± 0.300	73.75 ± 22.45	REV. 59	DATE
30" ± 0.305	75.0 ± 22.83	REV. 60	DATE
30 1/2" ± 0.310	76.25 ± 23.21	REV. 61	DATE
31" ± 0.315	77.5 ± 23.59	REV. 62	DATE
31 1/2" ± 0.320	78.75 ± 23.97	REV. 63	DATE
32" ± 0.325	80.0 ± 24.35	REV. 64	DATE
32 1/2" ± 0.330	81.25 ± 24.73	REV. 65	DATE
33" ± 0.335	82.5 ± 25.11	REV. 66	DATE
33 1/2" ± 0.340	83.75 ± 25.49	REV. 67	DATE
34" ± 0.345	85.0 ± 25.87	REV. 68	DATE
34 1/2" ± 0.350	86.25 ± 26.25	REV. 69	DATE
35" ± 0.355	87.5 ± 26.63	REV. 70	DATE
35 1/2" ± 0.360	88.75 ± 27.01	REV. 71	DATE
36" ± 0.365	90.0 ± 27.39	REV. 72	DATE
36 1/2" ± 0.370	91.25 ± 27.77	REV. 73	DATE
37" ± 0.375	92.5 ± 28.15	REV. 74	DATE
37 1/2" ± 0.380	93.75 ± 28.53	REV. 75	DATE
38" ± 0.385	95.0 ± 28.91	REV. 76	DATE
38 1/2" ± 0.390	96.25 ± 29.29	REV. 77	DATE
39" ± 0.395	97.5 ± 29.67	REV. 78	DATE
39 1/2" ± 0.400	98.75 ± 30.05	REV. 79	DATE
40" ± 0.405	100.0 ± 30.43	REV. 80	DATE
40 1/2" ± 0.410	101.25 ± 30.81	REV. 81	DATE
41" ± 0.415	102.5 ± 31.19	REV. 82	DATE
41 1/2" ± 0.420	103.75 ± 31.57	REV. 83	DATE
42" ± 0.425	105.0 ± 31.95	REV. 84	DATE
42 1/2" ± 0.430	106.25 ± 32.33	REV. 85	DATE
43" ± 0.435	107.5 ± 32.71	REV. 86	DATE
43 1/2" ± 0.440	108.75 ± 33.09	REV. 87	DATE
44" ± 0.445	110.0 ± 33.47	REV. 88	DATE
44 1/2" ± 0.450	111.25 ± 33.85	REV. 89	DATE
45" ± 0.455	112.5 ± 34.23	REV. 90	DATE
45 1/2" ± 0.460	113.75 ± 34.61	REV. 91	DATE
46" ± 0.465	115.0 ± 34.99	REV. 92	DATE
46 1/2" ± 0.470	116.25 ± 35.37	REV. 93	DATE
47" ± 0.475	117.5 ± 35.75	REV. 94	DATE
47 1/2" ± 0.480	118.75 ± 36.13	REV. 95	DATE
48" ± 0.485	120.0 ± 36.51	REV. 96	DATE
48 1/2" ± 0.490	121.25 ± 36.89	REV. 97	DATE
49" ± 0.495	122.5 ± 37.27	REV. 98	DATE
49 1/2" ± 0.500	123.75 ± 37.65	REV. 99	DATE
50" ± 0.505	125.0 ± 38.03	REV. 100	DATE