

HANDLE LEADS:		1	2	3	4	5	6	7	8	EEC-3 v3.5 ALARM/WARNING CODES AND DESCRIPTIONS			ALARM OR WARNING:
FLASH/BEEP RATE:		SLOW				FAST							
CONTROL HANDLE LEADS:		TAKE	SYNC	WARM	TROLL	TAKE	SYNC	WARM	TROLL				
DECIMAL:		1	2	4	8	16	32	64	128				
HEX:		01	02	04	08	10	20	40	80				
CP RELATED ALARMS/WARNINGS:						ALARM/WARNING CODE:				ALARM/WARNING DESCRIPTION:			
0	00									No fault code stored in this location	Not a fault code		
1	01	X								Same handle ID alarm	Detected multiple handles with the same handle ID at startup	A	
2	02		X							Low battery alarm	Combined battery input below 9V for 12V or 18V for 24V systems.	A	
3	03	X	X							No handle alarm.	No handle connected at startup.	A	
3-10										Unused	Unused		
11	0B	X	X		X					Handle #1 port pot fault	Port potentiometer reading below 0.25V or above 4.75V.	W	
12	0C			X	X					Handle #2 port pot fault	Port potentiometer reading below 0.25V or above 4.75V.	W	
13	0D	X		X	X					Handle #3 port pot fault	Port potentiometer reading below 0.25V or above 4.75V.	W	
14	0E		X	X	X					Handle #4 port pot fault	Port potentiometer reading below 0.25V or above 4.75V.	W	
15	0F	X	X	X	X					Handle #5 port pot fault	Port potentiometer reading below 0.25V or above 4.75V.	W	
16	10					X				Handle #6 port pot fault	Port potentiometer reading below 0.25V or above 4.75V.	W	
17-20										Unused	Unused		
21	15	X		X		X				Handle #1 stbd pot fault	Stbd potentiometer reading below 0.25V or above 4.75V.	W	
22	16		X	X		X				Handle #2 stbd pot fault	Stbd potentiometer reading below 0.25V or above 4.75V.	W	
23	17	X	X	X		X				Handle #3 stbd pot fault	Stbd potentiometer reading below 0.25V or above 4.75V.	W	
24	18				X	X				Handle #4 stbd pot fault	Stbd potentiometer reading below 0.25V or above 4.75V.	W	
25	19	X			X	X				Handle #5 stbd pot fault	Stbd potentiometer reading below 0.25V or above 4.75V.	W	
26	1A		X		X	X				Handle #6 stbd pot fault	Stbd potentiometer reading below 0.25V or above 4.75V.	W	
27-30										Unused	Unused		
31	1F	X	X	X	X	X				Handle #1 communication fault	CP lost communication with handle #1.	W/A	
32	20						X			Handle #2 communication fault	CP lost communication with handle #2.	W/A	
33	21	X					X			Handle #3 communication fault	CP lost communication with handle #3.	W/A	
34	22		X				X			Handle #4 communication fault	CP lost communication with handle #4.	W/A	
35	23	X	X				X			Handle #5 communication fault	CP lost communication with handle #5.	W/A	
36	24			X			X			Handle #6 communication fault	CP lost communication with handle #6 (will not be stored).	W/A	
Note: Fault codes 31-36 will cause an alarm condition if the handle loosing communication is the active handle at the time of the fault.													

EEC-3 ALARM/WARNING COUNT

HANDLE LEDS:		1	2	3	4	5	6	7	8	ALARM / WARNING COUNT:
BEEP RATE:		SLOW				FAST				
CONTROL HANDLE LEDS:		TAKE	SYNC	WARM	TROLL	TAKE	SYNC	WARM	TROLL	
DECIMAL:		1	2	4	8	16	32	64	128	
HEX:		01	02	04	08	10	20	40	80	
0	00									0
1	01	X								1
2	02		X							2
3	03	X	X							3
4	04			X						4
5	05	X		X						5
6	06		X	X						6
7	07	X	X	X						7
8	08				X					8
9	09	X			X					9
10	0A		X		X					10
11	0B	X	X		X					11
12	0C			X	X					12
13	0D	X		X	X					13
14	0E		X	X	X					14
15	0F	X	X	X	X					15
16	10					X				16
17	11	X				X				17
18	12		X			X				18
19	13	X	X			X				19
20	14			X		X				20
21	15	X		X		X				21
22	16		X	X		X				22
23	17	X	X	X		X				23
24	18				X	X				24
25	19	X			X	X				25
26	1A		X		X	X				26
27	1B	X	X		X	X				27
28	1C			X	X	X				28
29	1D	X		X	X	X				29
30	1E		X	X	X	X				30
31	1F	X	X	X	X	X				31

CP LEDS:		1	2	3	4	5	6	7	8	ALARM / WARNING COUNT:
BEEP RATE:		SLOW				FAST				
CONTROL HANDLE LEDS:		TAKE	SYNC	WARM	TROLL	TAKE	SYNC	WARM	TROLL	
DECIMAL:		1	2	4	8	16	32	64	128	
HEX:		01	02	04	08	10	20	40	80	
32	20						X			32
33	21	X					X			33
34	22		X				X			34
35	23	X	X				X			35
36	24			X			X			36
37	25	X		X			X			37
38	26		X	X			X			38
39	27	X	X	X			X			39
40	28				X		X			40
41	29	X			X		X			41
42	2A		X		X		X			42
43	2B	X	X		X		X			43
44	2C			X	X		X			44
45	2D	X		X	X		X			45
46	2E		X	X	X		X			46
47	2F	X	X	X	X		X			47
48	30					X	X			48
49	31	X				X	X			49
50	32		X			X	X			50
51	33	X	X			X	X			51
52	34			X		X	X			52
53	35	X		X		X	X			53
54	36		X	X		X	X			54
55	37	X	X	X		X	X			55
56	38				X	X	X			56
57	39	X			X	X	X			57
58	3A		X		X	X	X			58
59	3B	X	X		X	X	X			59
60	3C			X	X	X	X			60
61	3D	X		X	X	X	X			61
62	3E		X	X	X	X	X			62
63	3F	X	X	X	X	X	X			63