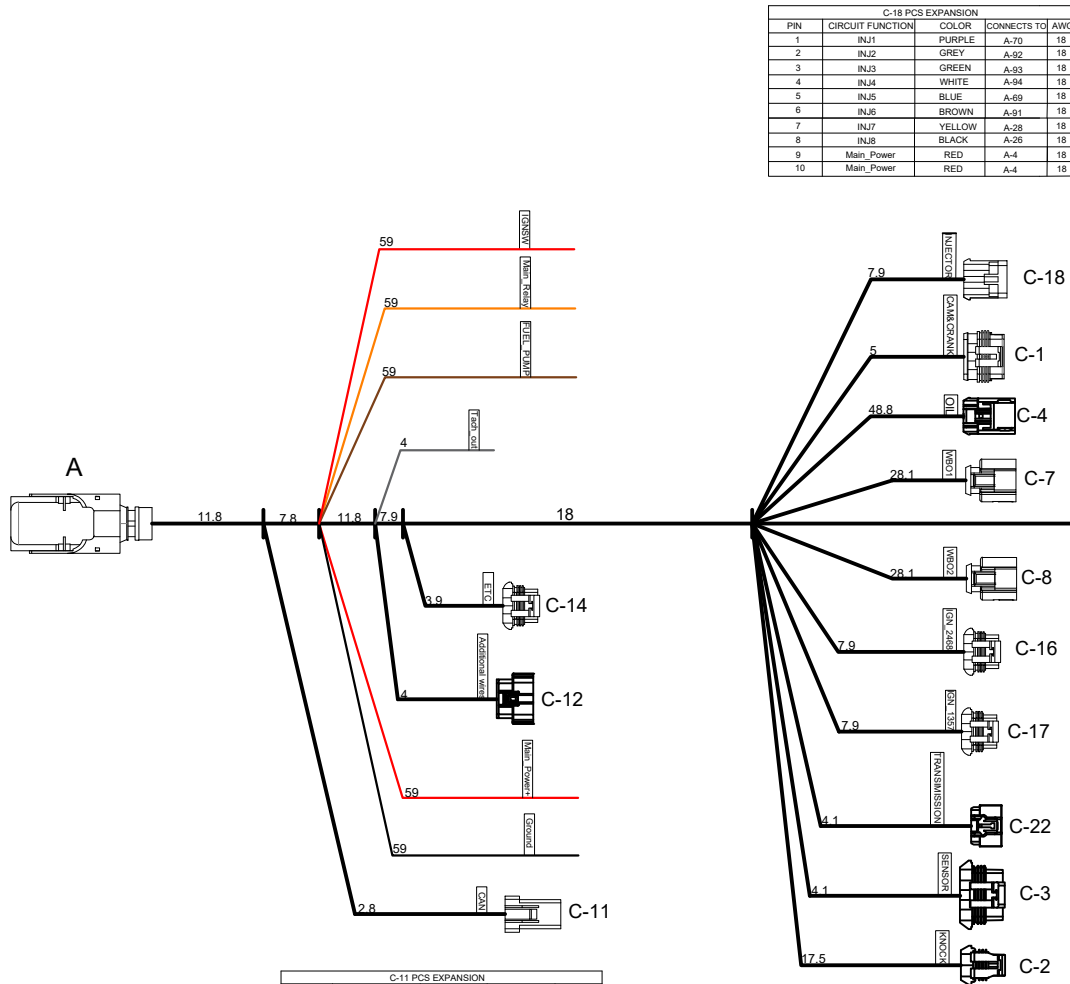




C-18 PCS EXPANSION				
PIN	CIRCUIT FUNCTION	COLOR	CONNECTS TO	AWG
1	INJ1	PURPLE	A-70	18
2	INJ2	GREY	A-92	18
3	INJ3	GREEN	A-93	18
4	INJ4	WHITE	A-94	18
5	INJ5	BLUE	A-69	18
6	INJ6	BROWN	A-91	18
7	INJ7	YELLOW	A-28	18
8	INJ8	BLACK	A-26	18
9	Main_Power	RED	A-4	18
10	Main_Power	RED	A-4	18

C-7 PCS EXPANSION				
PIN	CIRCUIT FUNCTION	COLOR	CONNECTS TO	AWG
1	APE1	PURPLE	A-58	20
2	IPN1	GREEN	A-81	20
3	HT1	ORANGE	A-7	20
4	Main_12V_out	RED	A-51	20
5	RT1	YELLOW	A-16	20
6	RE1+	BLUE	A-59	20

C-1 PCS EXPANSION				
PIN	CIRCUIT FUNCTION	COLOR	CONNECTS TO	AWG
1	SSV	RED	A-11	20
2	Main_12V_out	RED	A-51	20
3	Ground	BLACK	A-7	20
4	CRANK	GREEN	A-85	20
5	CAM	PURPLE	A-90	20

C-4 PCS EXPANSION				
PIN	CIRCUIT FUNCTION	COLOR	CONNECTS TO	AWG
1	Sensor_Ground	BLACK	A-17	20
2	SSV	RED	A-52	20
3	OPS	YELLOW	A-78	20

C-5 PCS EXPANSION				
PIN	CIRCUIT FUNCTION	COLOR	CONNECTS TO	AWG
1	SSV	RED	A-52	20
2	Sensor_Ground	BLACK	A-17	20
3	FPS	BLUE	A-35	20

C-6 PCS EXPANSION				
PIN	CIRCUIT FUNCTION	COLOR	CONNECTS TO	AWG
A	CTS	GRAY	A-13	20
B	Sensor_Ground	BLACK	A-17	20

C-8 PCS EXPANSION				
PIN	CIRCUIT FUNCTION	COLOR	CONNECTS TO	AWG
1	APE2	BLUE	A-60	20
2	IPN2	YELLOW	A-84	20
3	HT2	WHITE	A-29	20
4	Main_12V_out	RED	A-51	20
5	RT2	BROWN	A-39	20
6	RE2+	BLACK	A-38	20

C-16 PCS EXPANSION				
PIN	CIRCUIT FUNCTION	COLOR	CONNECTS TO	AWG
B	IGN2	GRAY	A-44	18
C	IGN4	WHITE	A-89	18
E				
F	IGN6	BROWN	A-88	18
G	IGN8	ORANGE	A-42	18
H	Main_Power	RED	A-4	18

C-17 PCS EXPANSION				
PIN	CIRCUIT FUNCTION	COLOR	CONNECTS TO	AWG
B	IGN7	YELLOW	A-65	18
C	IGN5	BLUE	A-27	18
E				
F	IGN3	GREEN	A-66	18
G	IGN1	PURPLE	A-45	18
H	Main_Power	RED	A-4	18

C-2 PCS EXPANSION				
PIN	CIRCUIT FUNCTION	COLOR	CONNECTS TO	AWG
1	KS1	BROWN	A-75	20
2	KS2	ORANGE	A-53	20

C-22 PCS EXPANSION				
PIN	CIRCUIT FUNCTION	COLOR	CONNECTS TO	AWG
1	Main_12V_out	RED	A-73	18
2	Ground	BLACK	A-2	18
3	VSS+	BLUE	A-57	20
4	Turbine_speed+	BLUE	A-79	20
5	VSS-	BLACK	A-82	20
6	ATF	YELLOW	A-12	20
7	Sensor_Ground	BLACK	A-40	20
8	SOL_A	PURPLE/WHITE	A-23	20
9	SOL_B	GRAY/GREEN	A-24	20
10	LINEPRESSURE	WHITE	A-49	20
11	Range_A	PURPLE	A-32	20
12	Range_B	GREEN	A-10	20
13	Range_C	YELLOW	A-31	20
14	3-2 SOLENOID	BROWN	A-68	20
15	TCC_CONTROL	GRAY	A-50	20
16	TCC SOLENOID	BLUE	A-25	20
17	Turbine_speed-	BLACK	A-19	20
18				

C-3 PCS EXPANSION				
PIN	CIRCUIT FUNCTION	COLOR	CONNECTS TO	AWG
A	OUTA	ORANGE	A-63	20
B	OUTB	YELLOW	A-64	20
C	OUTC	PURPLE	A-86	20
D	OUTD	GREEN	A-87	20
E	Sensor_Ground	BLACK	A-17	20
F	IAT	WHITE	A-55	20
G	MAP	BLUE	A-54	20
H	Sensor_Ground	BLACK	A-40	20
J	TPS	BROWN	A-33	20
K	SSV	RED	A-74	20

C-11 PCS EXPANSION				
PIN	CIRCUIT FUNCTION	COLOR	CONNECTS TO	AWG
1	IGNSW	RED	A-80	20
2	Ground	BLACK	A-76	20
3	CANH	WHITE	A-46	20
4	CANL	GREEN	A-47	20

	CIRCUIT FUNCTION	COLOR	CONNECTS TO	AWG
	Main_Power+	RED	A-3	12
	Ground	BLACK	A-1	12
	IGNSW	RED	A-80	20
	FUEL_PUMP	BROWN	A-43	20
	Main_Relay	ORANGE	A-71	20
	Tach_out	GREY	A-41	20

C-14 PCS EXPANSION				
PIN	CIRCUIT FUNCTION	COLOR	CONNECTS TO	AWG
A	ETC1	YELLOW	A-6	18
B	ETC2	ORANGE	A-5	18
C	Sensor_Ground	BLACK	A-40	20
D	SSV	RED	A-74	20
E	TPS	PURPLE	A-33	20
F	TPSRD	GREEN	A-34	20
G	PPS	YELLOW	A-55	20
H	PPSRD	BLUE	A-77	20

C-12 PCS EXPANSION				
PIN	CIRCUIT FUNCTION	COLOR	CONNECTS TO	AWG
1	Main_12V_out	RED	A-3	14
2	LAUNCH	BLUE	A-8	20
3	Custom_12V	YELLOW	A-9	20
4	BURN	YELLOW	A-15	20
5	FAN1	PURPLE	A-18	20
6	VSS-	BLACK	A-82	20
7	Nitrous_in	BROWN	A-30	20
8	Ground trigger	BLUE	A-41	20
9	FAN2	GREEN	A-48	20
10	Charging	RED	A-21	20
11	Brake_S/W	BROWN	A-36	20
12	VSS+	BLUE	A-57	20
13	VSS_OUT	BROWN	A-61	18
14	Relay	BLACK	A-83	18
15	Fuel_Level	PURPLE	A-14	20
16	Dome pressure	GREEN	A-37	20
17	Sensor_Ground	BLACK	A-61	18
18	SSV	RED	A-83	18
19	Waste1	BROWN	A-14	20
20	Waste2	GREY	A-37	20

Name		Hemi II-AH2032		NO.	HK_Hemi II_002	REV.	1.0
Design	Tom	Drawn	Kevin	UNIT	IN	Page	1/1
Check	Ike	Review	Tom	 ACES Fuel Injection			
APR	Tom	Date	2025/07/28				