

All conductors Type 'E' Teflon insulation 3x 24AWG, 4x 18AWG (2X twisted pair)

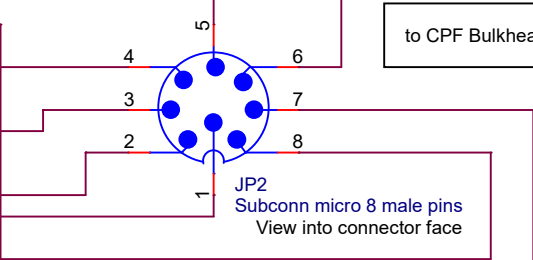
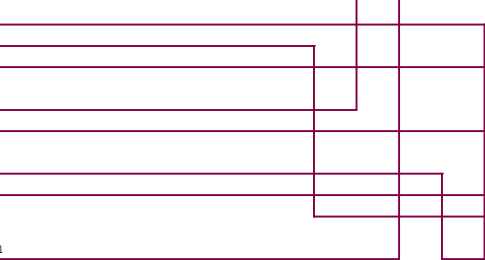
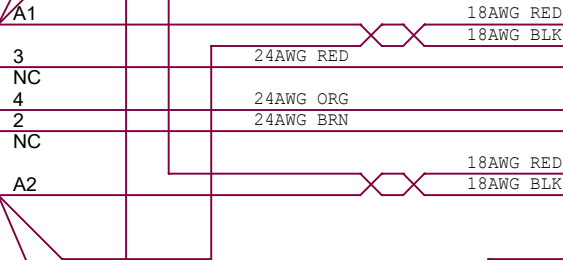
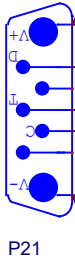
<----- Length = 72 inches----->

Ampehnol L177TWA7W2S with L17DM53744-1 pins
(See notes)

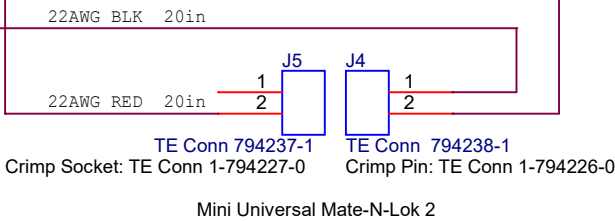
Center Label:
WH-Batt Chgr External

End Label:
BH-J6
Charger

to Inspired Energy
PH4000A/E/U
Smart Charger



to CPF Bulkhead BH-J6



Subconn Pinout	
1	Chgr --
2	Chgr --
3	SCI
4	SDa
5	T
6	Pilot36V+
7	Chgr +
8	Chgr +

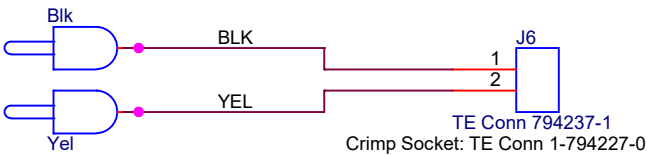
Subconn Wire Colors	
1	BLACK
2	WHITE
3	RED
4	GREEN
5	ORANGE
6	BLUE
7	WHITE/BLACK
8	RED/BLACK

All conductors Type 'E' Teflon insulation 22 AWG

<----- Length = 22 inches----->

External Supply
if needed

24-36VDC @ 20-30mA
Pilot Signal for
Deadface Relays



Center Label:
WH-Batt Chgr External Pilot Supply

NOTES:

- Encase 72in (6ft) length in 3/8 mesh braid.
- 22AWG blue wire is to run through mesh, and extend back 20in to 2-circuit connector
- Used Norcomp 680M7W2203L201 (D-K A1309-ND) 7W2S connector to allow installation of all wires

E	25Sep2020	PC	Corrected lengths and added colors and build notes; added 7W2S connector option in notes
D	24Oct2019	GM	Added label to pilot harness, removed 12" length spec to be replaced with actual length from current as built harness
C	18 Oct 19	ECM	Add labels, change names and title per Top Level dwg
B	27 Aug 19	ECM	Add Mini Universal MNL2 connector for pilot signal
A	17 Jul 19	ECM	Flip JP2 (SubConn) to correspond to male connector face

Title		
WH-Chgr-Ext: Wire Harness, External Charger to Bulkhead		
Size B	Document Number <Doc>	Rev E
Date:	Tuesday, September 29, 2020	Sheet 1 of 1