

US Ascension 2000 Example Wiring diagram and instructions

Verify all connections in field.

STP and CC contacts are rated for 1A. Use these contacts to drive a larger relay if 1A will be exceeded.

This example assumes that the in car fire hat stays on when on Fire recall.

Use 24VDC Board Only.

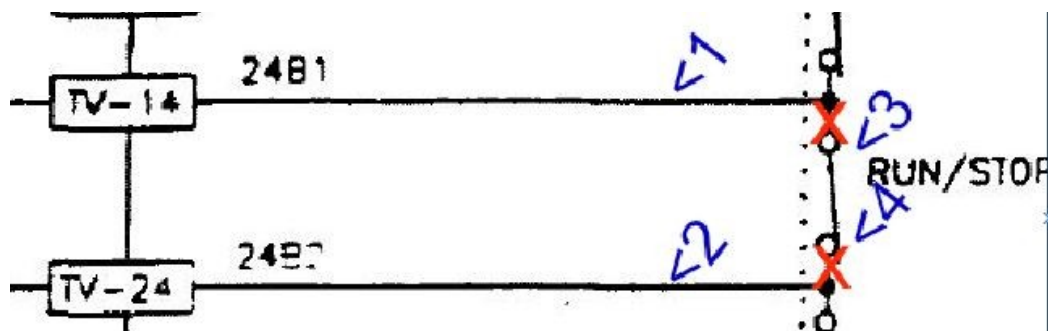
Red X indicates cut in existing circuit.

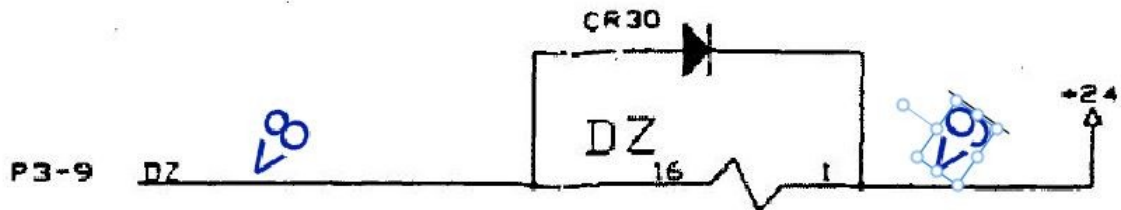
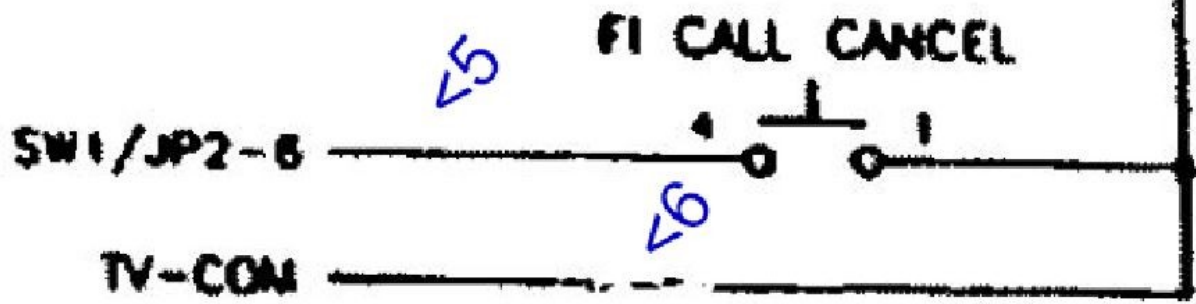
Blue numbers on marked up drawings relate to the corresponding step numbers below

Step	Wire#	Instruction
1		Connect to one of the STP terminals on the FS90 Board
2		Connect to remaining STP terminal on the FS90 Board
3		Connect to one of the KEY STOP terminals on the FS90 Board
4		Connect to remaining KEY STOP terminal on the FS90 Board
5		Connect to one CC terminal on FS90 Board
6		Connect to remaining CC terminal on FS90 Board
7		Connect to KEY/HAT terminal on FS90 board
8		SEE DZ Relay Add Below
9		SEE DZ Relay Add Below
10		
11		Connect PHIISIG terminal on FS90 board
12		
13		Connect Controller COM to 24dc- on FS90 Board
14		Connect 24VDC (TV17) to 24DC+ on FS90 Board
15		

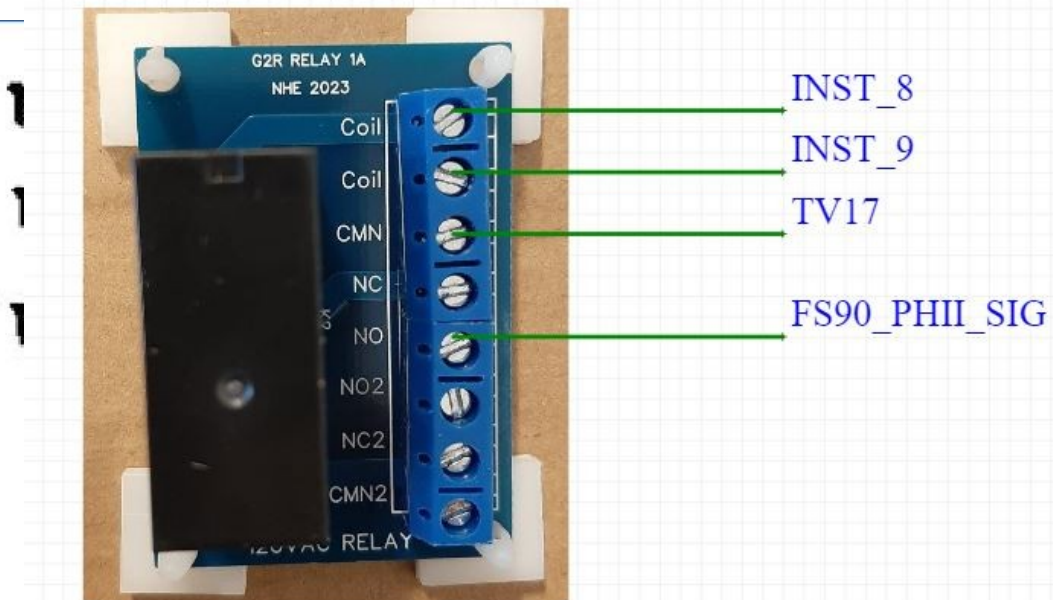
NOTE:

* Test PHII doors while holding the CC button before beginning. If doors do not operate properly you may have to break up the Car Call button feed instead of using the CC terminals to parallel the Call Cancel Button. In this case, you'd use the CC terminals to pull a relay and break a n/c contact that would normally feed the Car Calls. See below

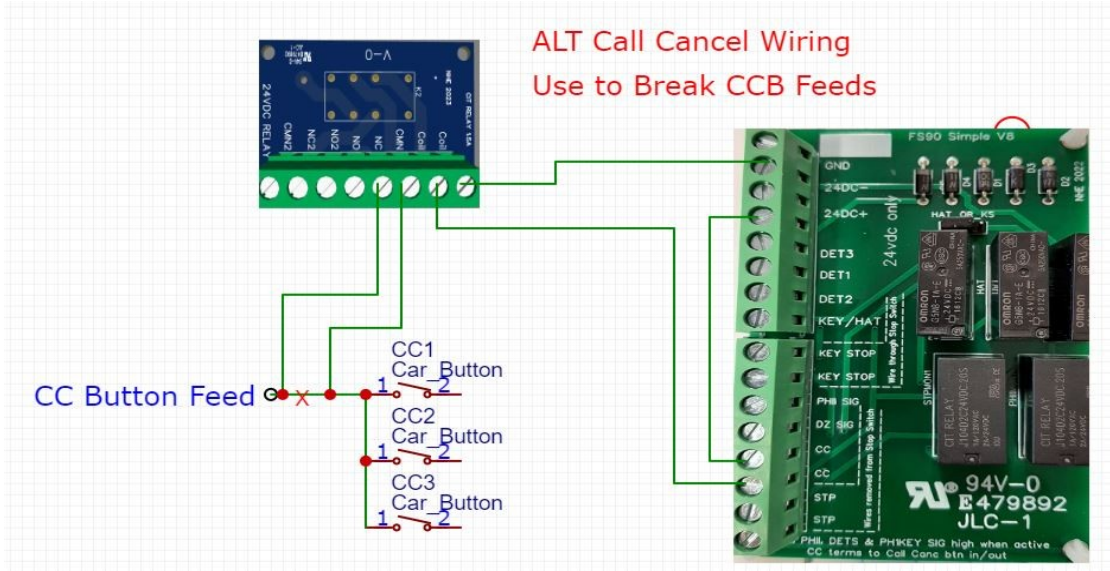




DZ RELAY ADD



ALT Call Cancel Wiring
Use to Break CCB Feeds



GENERIC WIRING EXAMPLES

FS90 Simple V8

Use correct connections for each individual system.

STP = terminals = N/O Relay contact

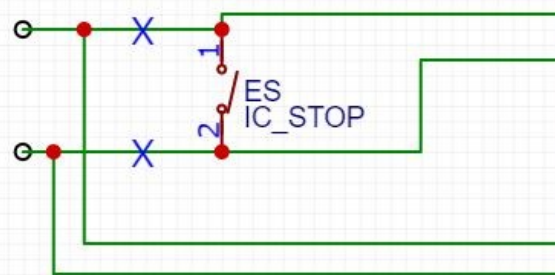
CC terminals = N/O Relay contact

All other connections are 24VDC referenced to 24vdc- terminal on FS90 Board

Final In Car Stop Wiring

Original Feed

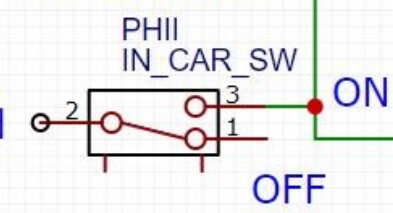
To Controller



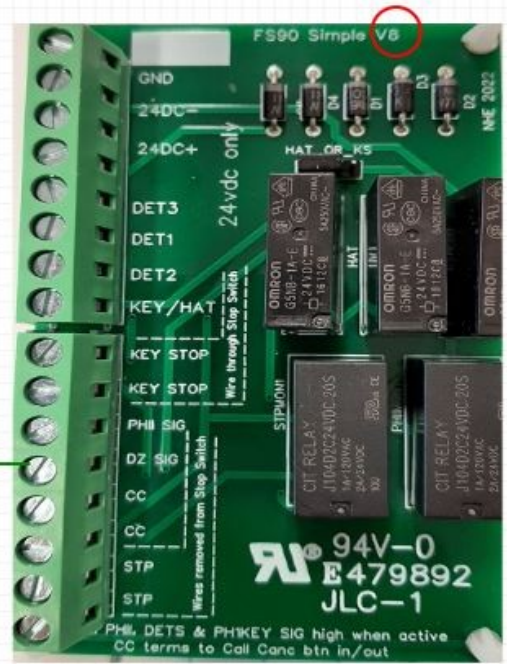
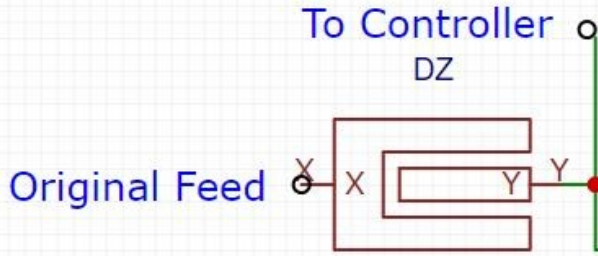
PHII Final

To Controller

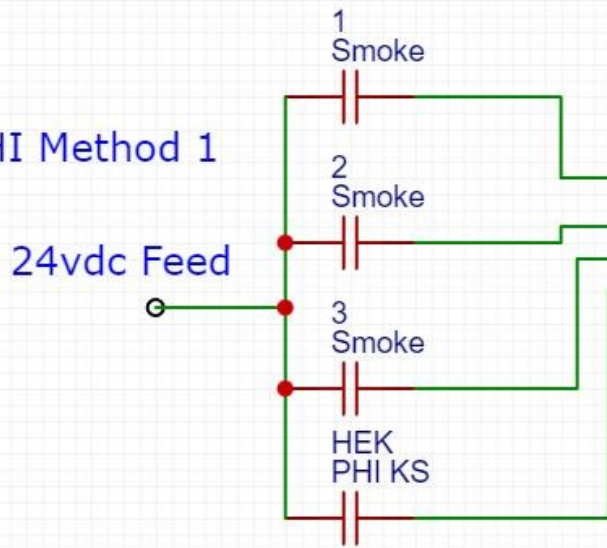
Original Feed



Final DZ Wiring



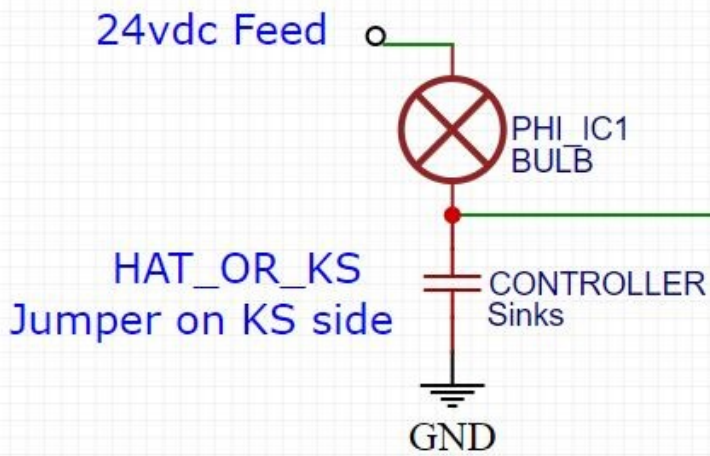
N/O PHI Method 1



PHI Method 2



PHI Method 3



NC SMOKE AND PHII SW

