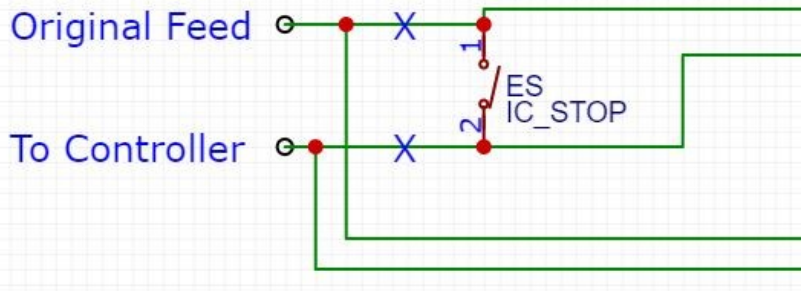FS90 Simple V8 Basic Wiring Example.
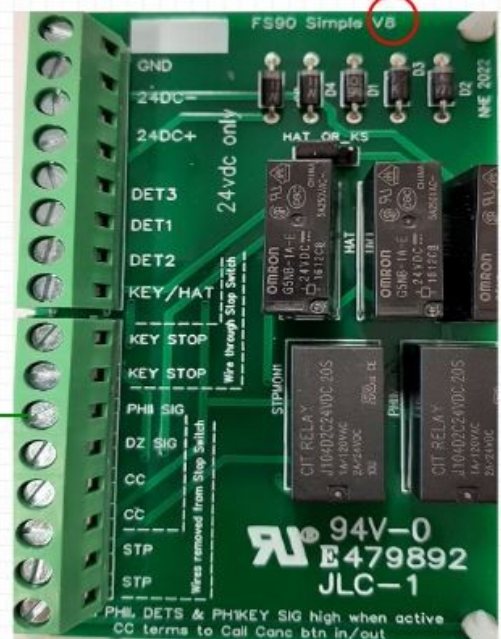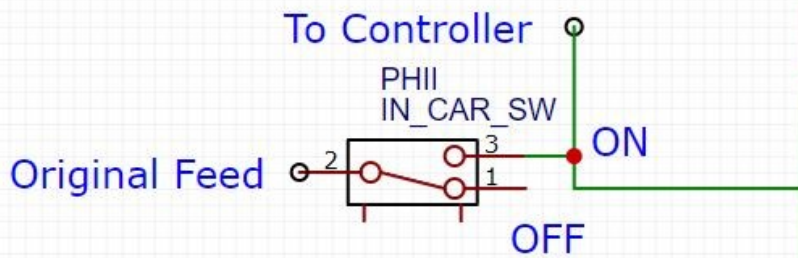Use correct connections for each individual system.

STP = terminals = N/O Relay contact
CC terminals = N/O Relay contact

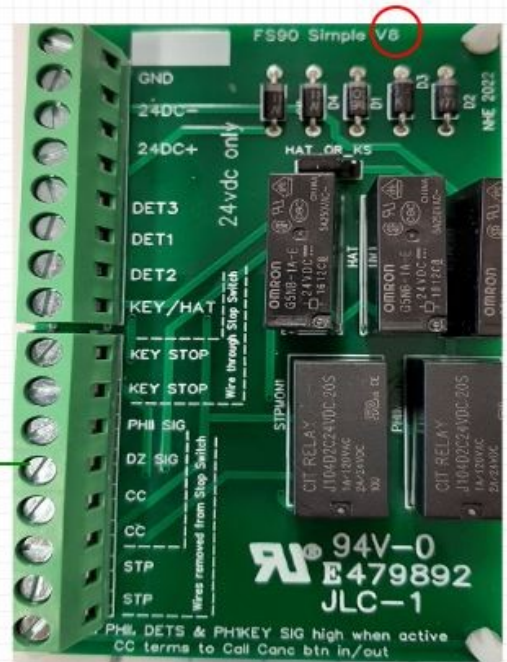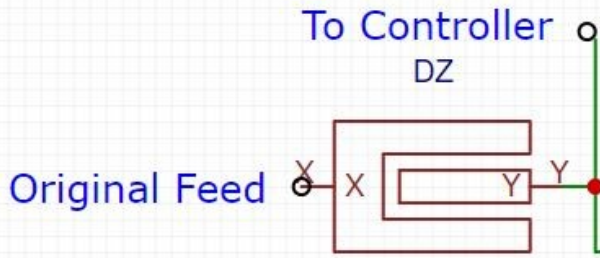All other connections are 24VDC referenced to 24vdc- terminal on FS90 Board

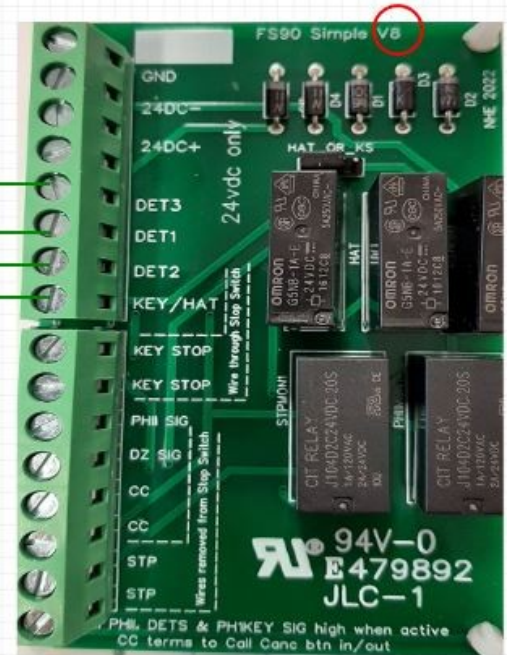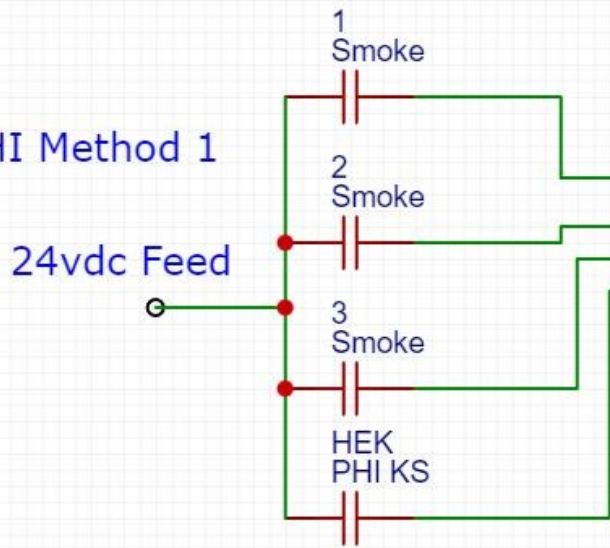Final In Car Stop Wiring

Original Feed

To Controller

ES
IC_STOP

PHII Final

To Controller

PHII
IN_CAR_SW

Original Feed

ON

OFF

Final DZ Wiring

To Controller
DZ

Original Feed

N/O PHI Method 1

24vdc Feed

1 Smoke

2 Smoke

3 Smoke

HEK
PHI KS

PHI Method 2

24vdc Feed Active High

HAT_OR_KS
Jumper on HAT side

PHI_IC
BULB

GND
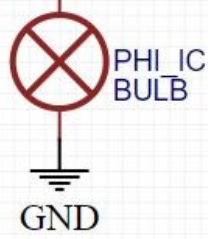
PHI Method 3

24vdc Feed

PHI_IC1
BULB

HAT_OR_KS
Jumper on KS side

CONTROLLER
Sinks

GND
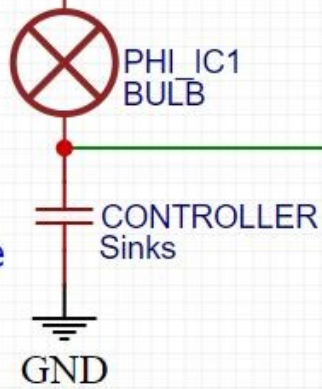
ALT Call Cancel Wiring
Use to Break CCB Feeds

CC Button Feed

CC1 Car_Button
CC2 Car_Button
CC3 Car_Button

NC SMOKE, PHI & PHII SW

Provided Jumper

1 Smoke
2 Smoke

Original Feed

HEK1 PHI KS

PHII1 IN_CAR_SW

Original Feed

OFF
ON
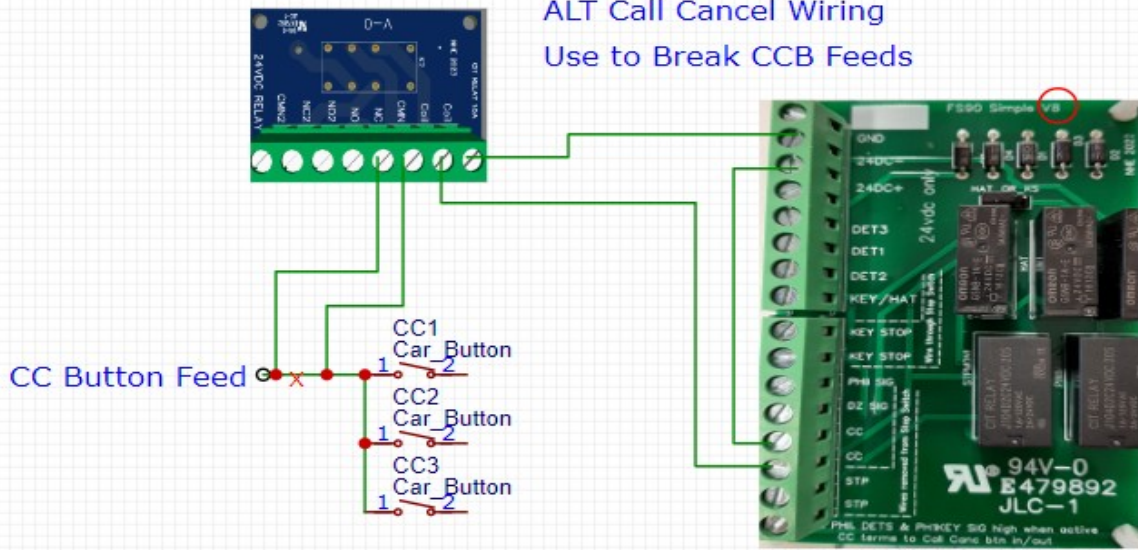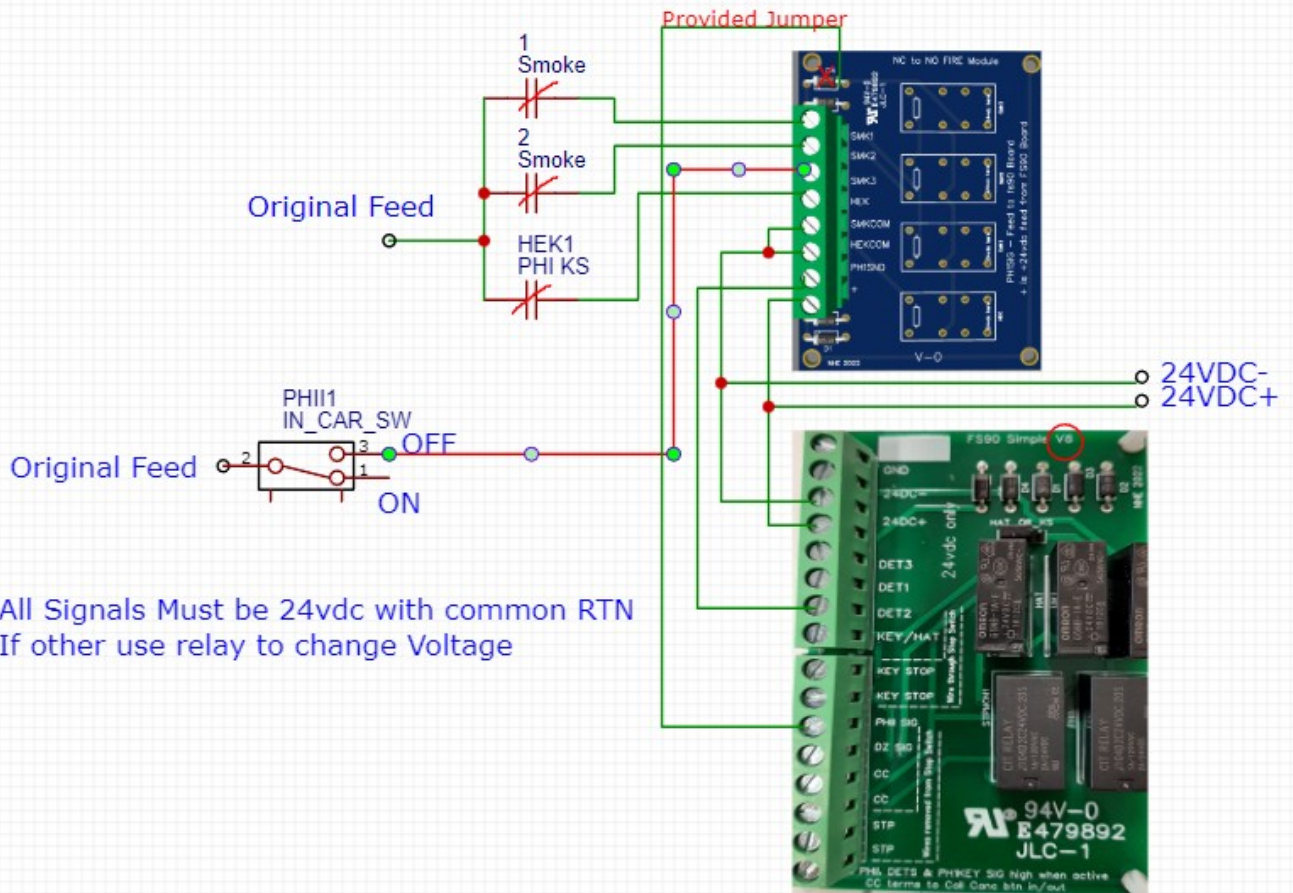
24VDC-
24VDC+

All Signals Must be 24vdc with common RTN
If other use relay to change Voltage

LRV NC SMOKE, PHII SW, Sinking HEK
This drawing does not conform to example steps
Verify all in Field

Provided Jumper

FSEN2 Smoke   8

FSEN1 Smoke   9

R5 1k
DC5_FEED

Otis_13

Remove Resistor

Otis_/HEK

HEK1
PHI_KS

Otis_HL1

13

14

11

12

PHII3
IN_CAR_SW

Original Feed   2   3   ON

1   OFF

10

94V-0
E479892
JLC-1