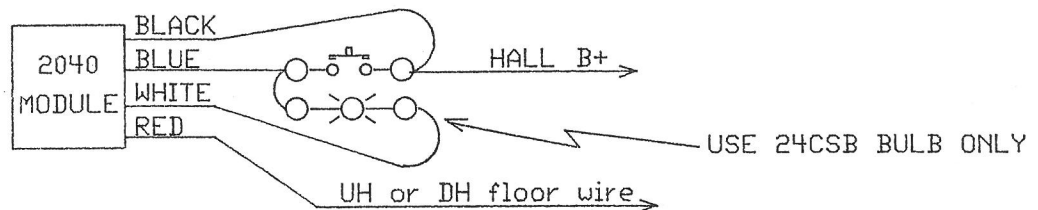


HALL BUTTON

You need one module per button, for example a UP and DOWN hall push button station needs two modules, one for each button.

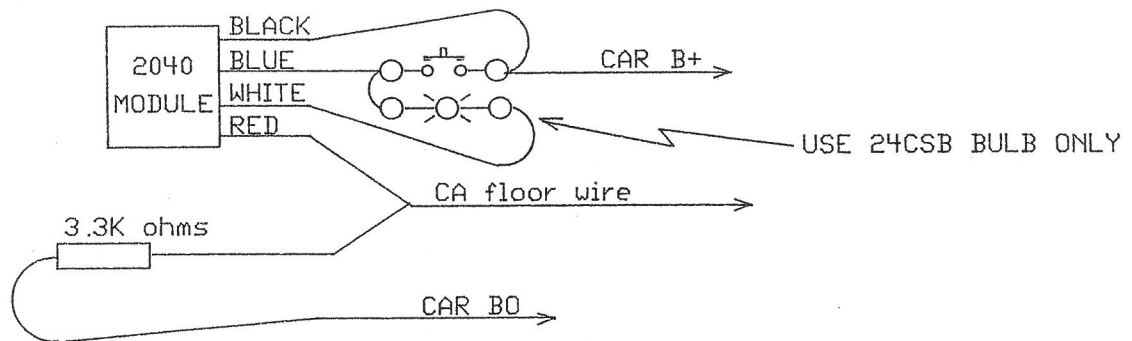
The new push buttons may be wired with on or off, once wired you may close up the station for there is no further wiring changes.



NOTE: The B- wire should be taped up and left disconnected.

CAR BUTTON

The wiring for the car button is basically the same as the hall button wiring with the exceptions indicated.



The 3.3k ohms, 2 watt resistor is originally located in the Otis car touch button panel. When replacing the panel, these resistors must be installed in the car panel or in the car junction box, or at the selector.

GENERAL NOTES:

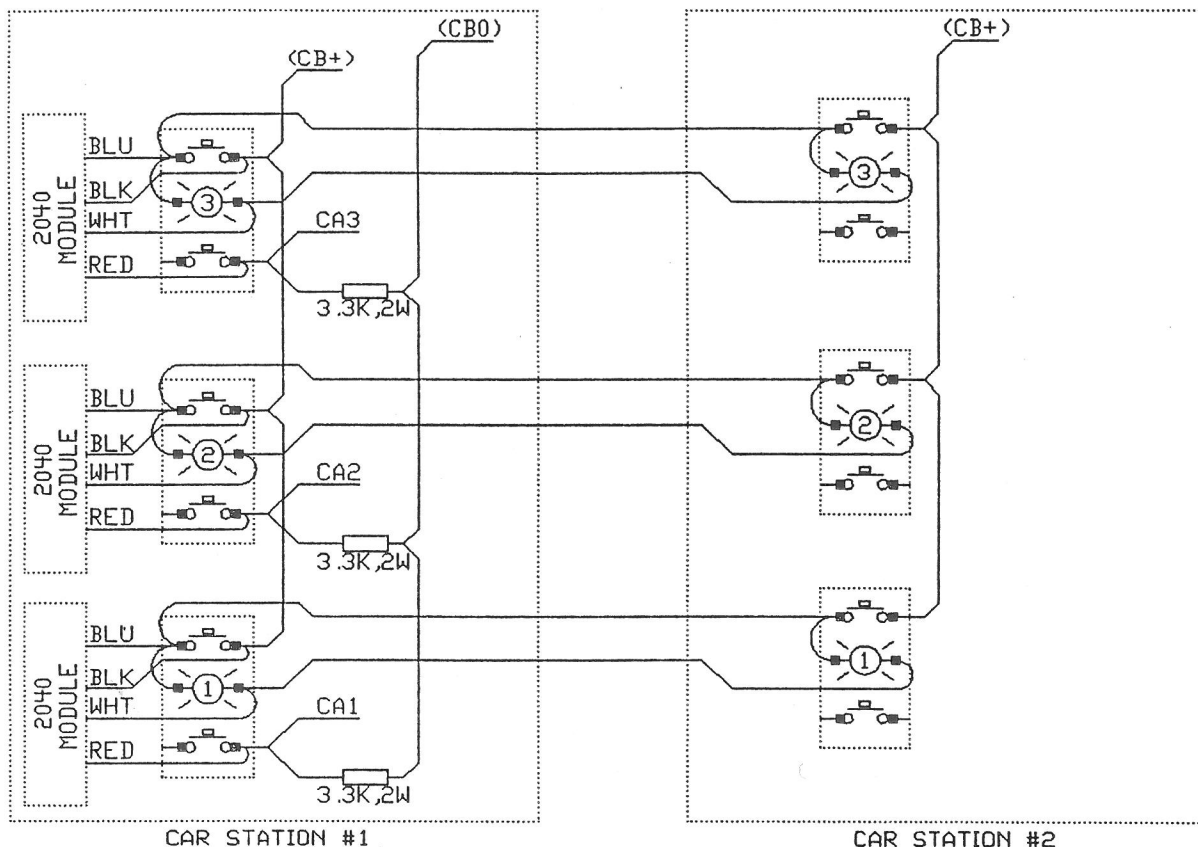
If you need to trouble shoot a problem with Otis button circuitry, check for these voltages:

from BO to B+, you should read approximately 130 to 135 vdc.

from BO to AC1, you should read approximately 100 vac.

(the AC1 voltage is use to pickup CBS or HS relay and for cancelling)

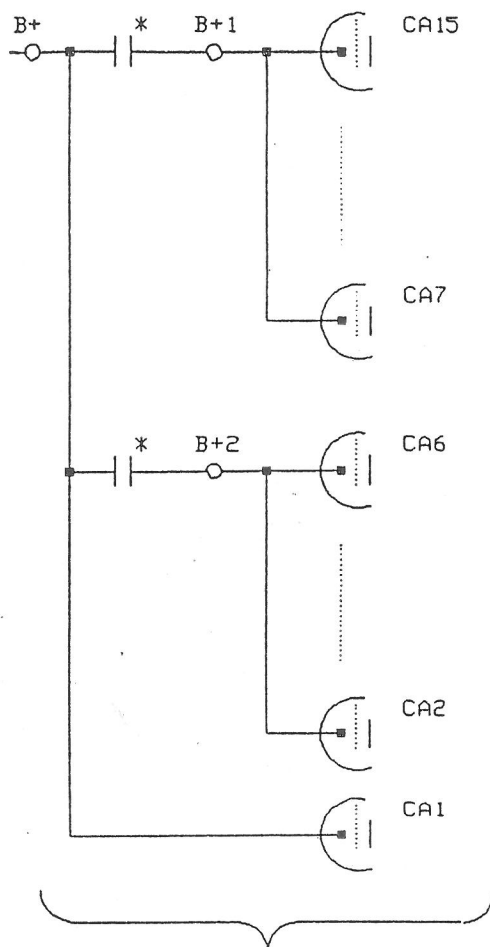
from BO to CA floor wire, you should read approximately 0 volts DC, with no call registered. With the call registered, you should read approximately 62 vdc and across the button (B+ to the CA wire) you should read approximately 73 vdc.



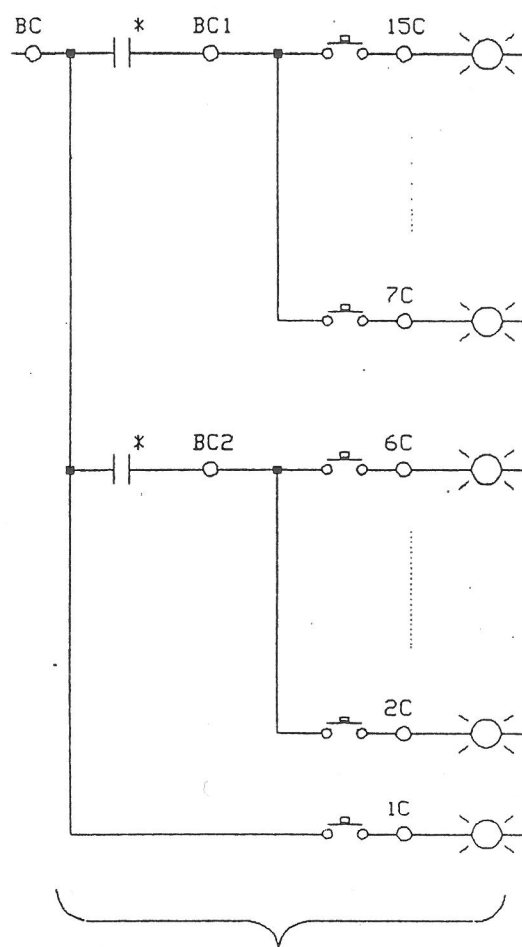
NOTES:

- ... INSTALL 2040 MODULE FOR EACH CAR CALL AS SHOWN.
- ... ADD ONE 3.3K, 2 WATT RESISTOR PER CAR CALL.
THIS REPLACES THE RESISTOR THAT WAS DISCARDED
FROM THE OLD CAR STATION.
- ... MUST USE 24CSB BULB
- ... TO CROSS-FIRE CAR STATION PUSHBUTTONS
THE BUTTON WIRE AND THE BULB WIRE OF EACH PUSHBUTTON
MUST BE CONNECTED TOGETHER AS SHOWN
- ... AS GENERAL INFORMATION, THE 3.3K 2W RESISTOR
MAY BE INSTALL ANYWHERE B0, CA1, CA2 etc. WIRES ARE.
FOR EXAMPLE: THE CAR JUNCTION BOX OR THE SELECTOR.

CLADDAGH ELECTRONICS, LTD.
CAR STATION WIRING
2040 TOUCH BUTTON REPLACEMENT



EXISTING TOUCH BUTTONS
WITH RELAY CONTACTS TO
CUT-OUT CAR CALLS



NEW CAR PUSHBUTTONS
REUSING EXISTING RELAY CONTACTS
TO CUT-OUT CAR CALLS BY
OPENING THE BUTTON COMMON (BC).

NOTE:

* EXISTING CUT-OUT RELAY CONTACTS ON THE CONTROLLER.

CLADDAGH ELECTRONICS, LTD.
CAR CALL CUT-OUT
2040 TOUCH BUTTON REPLACEMENT

718-784-0571