

INSTRUCTIONS FOR INSTALLING THE 115385  
SET OF PARTS TO MODIFY AN ASID FOR USE  
IN SECO SYSTEM

DESCRIPTION

The 115385 set of parts provides the necessary wiring and slip connection facilities to adapt an ASID for operation in conjunction with a SECO secondary control unit. It consists of the following:

- 1 Slip Connection Block Assembly consisting of:
- |    |        |                                       |
|----|--------|---------------------------------------|
| 2  | 8333   | Screw 10-32                           |
| 6  | 110180 | Screw 4-40                            |
| 1  | 113170 | Slip Connection Block (32 Point Male) |
| 22 | 113184 | Spring (Right)                        |
| 22 | 113185 | Spring (Left)                         |
| 22 | 113186 | Insulator                             |
| 1  | 115374 | Insulating Strip                      |
| 1  | 115376 | Mounting Block                        |
| 1  | 115527 | Slip Connection Block (12 Point Male) |
- 1 115378 Cable

INSTALLATION

- (1) Remove the cover from the ASID.
- (2) Remove and discard the screws and nuts which mount the cover on the ASID frame.
- (3) Loosen the two screws which mount the ASID to the housing and swing the ASID to a vertical position.
- (4) Cut the cable, which runs from the ASID to the slip connection terminal block on the transmitter distributor base, about 12 inches from the ASID.
- (5) Remove the ASID from the housing. Remove and discard the long mounting screw from the ASID.
- (6) Remove and discard the bracket, to which the cable is tied, from the bottom of the ASID.
- (7) Remove and discard the screw which mounts the right-hand side of the filter pack to the ASID frame. Using the two 8333 (10-32) screws furnished, mount the slip connection block assembly to the bottom of the rack on the terminal side of the ASID so that the cut-out portion of the mounting block fits over the hexagonal nut on the rack. Use one screw in the filter pack mounting hole, and the other in the hole provided in the frame on the opposite side of the filter pack.
- (8) Form the cable, which was cut in Paragraph 4, along the terminal block. Lace the cable with twine and cut the individual wires to meet the required terminal connection on the block as indicated on Figure 1 and

as follows: (Use test lamp.)

<u>Terminal No.</u>	<u>Wire Color</u>	<u>Connection in ASID</u>
32	Green and White	Resistor CT
31		No Connection
30	Red and White	Resistor TLO
29	Orange and White	1 (SS) through 100 ohm filter resistor
28	Black and White (2 wires)	1 (ST), 4T (TT)
27	Blue	TC (D)
26	Orange and Green	1T (CP)
25	Orange and Brown	10 (CO)
24	Orange and White	1T (BP)
23	Orange and Slate	6 (CO)
22	Orange	3T (CP)
21	Blue	8T (TT)
20	Red and Slate	4B (TT)
19	Red and Green	6B (TT)
18	Red and Blue	8B (TT)
17	Slate and White	10B (TT)
16	Brown and Slate	Resistor TLO
15	Brown and White	5T (TT)
14	Green and Slate	7T (TT)
13	Green and Brown	3B (TT)
12	Green and White	5B (TT)
11	Orange and Slate	7B (TT)
10	Orange and Brown	9B (TT)
9	Orange and Green	6B (BP)
8	Orange and White	2B (CP)
7	Blue and Orange	1B (BP)
6	Blue and White	5T (BP)
5	Slate	Resistor CT
4	Slate	TC (OL)
3	Blue and Orange	To 4 (SS) through 100 ohm filter
2		No Connection
1	Blue	BC (SS)

- (9) Remove the slip connection block assembly from the ASID and solder the wires, as formed, to the 113170 (32 point) block as indicated in Paragraph 8.
- (10) Place the 115378 cable (furnished) between the cable connected to the 32 point slip connection block and the base, and extend it along the right edge (viewed from the terminal side) of the ASID. Solder the wires to the (12 point) slip connection block as follows: (See Figure 2. Use test lamp.)

- #33 Red to 3T (BP)
- #34 Green to 4T (BP)
- #35 Blue to 2 (ST)
- #37 Orange spliced to O=W wire disconnected from 9 (CO)
- #36 Brown to 9 (CO)
- #38 Yellow to 2T (8)
- #39 Red to 2T (TT)

- #40 Green to top coil contact of (Relay 6 for 2 letter identification.  
(Relay 7 for 3 letter identification.
- #41 White to TC (CP)
- #42 Slate to TC (CO)
- #44 Orange to C ER wire (2 wires) disconnected from 9B (TT)
- #43 Blue to 9B (TT)

- (11) Dress the wire with relation to the terminals and remount the slip connection assembly in place on the ASID.
- (12) Solder the remaining wires of the 115378 cable to the relay terminals as indicated in Paragraph 10. See Figure 2.

The serial number plate should be removed from the top of the ASID cover and attached to the frame of the ASID opposite capacitor "COM P CCL."

- (1) With a small punch remove the four drive screws which mount the plate to the cover. Retain the drive screws for remounting the plate.
- (2) Remove two screws which mount the "COM P CCL" capacitor (the one near center) to the ASID frame and move the capacitor aside. Exercise care with the wires to avoid breakage or disconnections.
- (3) Place the serial number plate midway between the capacitor mounting holes and as near the corner of the angle iron frame as possible, and transfer from the underside, the four holes from the plate to the ASID frame with a #52 drill.
- (4) Remount the capacitor.
- (5) Turn the ASID over. With the four drive screws, mount the plate to the angle iron frame on the side opposite the capacitor so that it may be read (lettering upright) from the position which it is to occupy in the SECO cabinet (bottom of plate toward center of ASID).

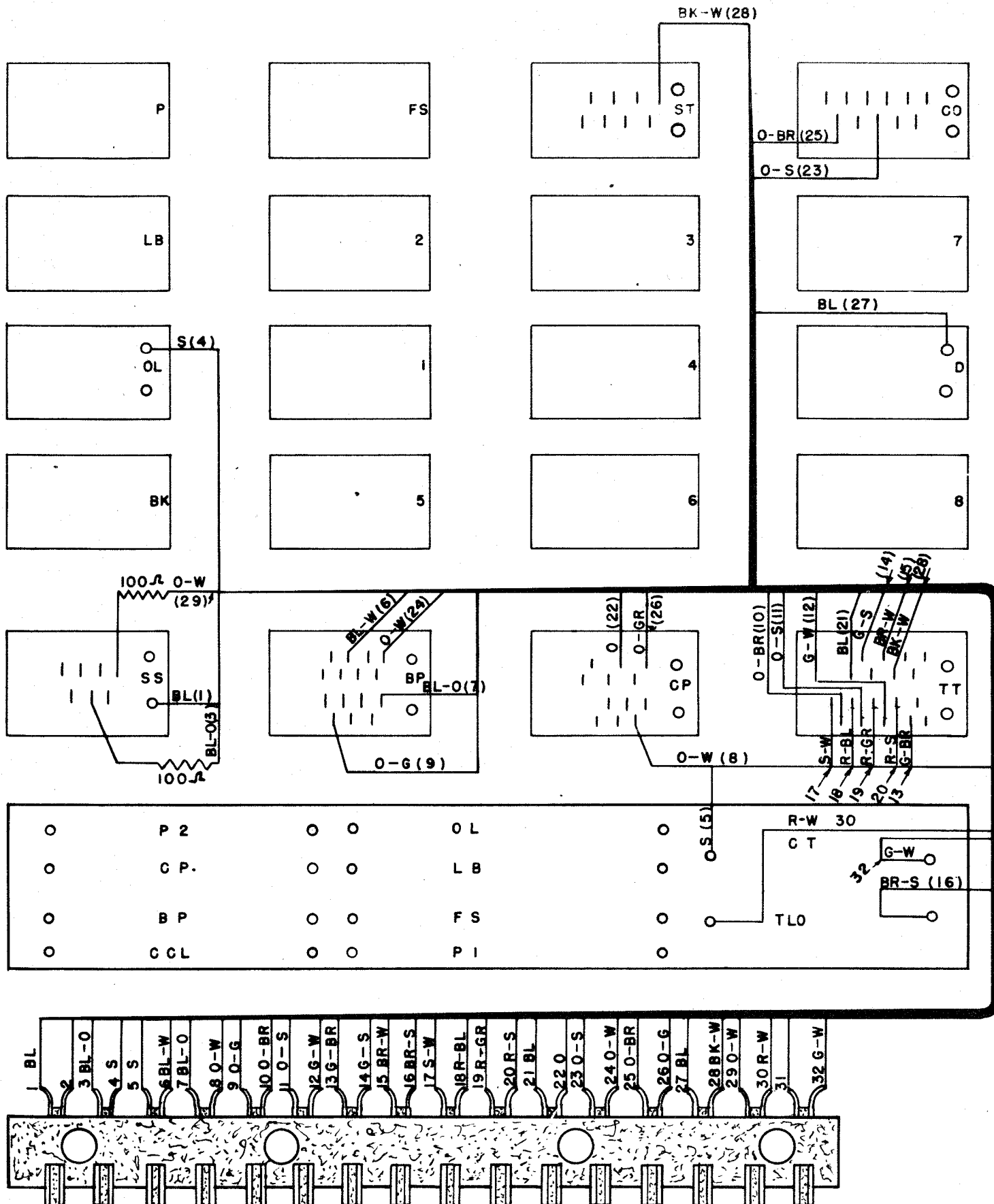


FIGURE 1

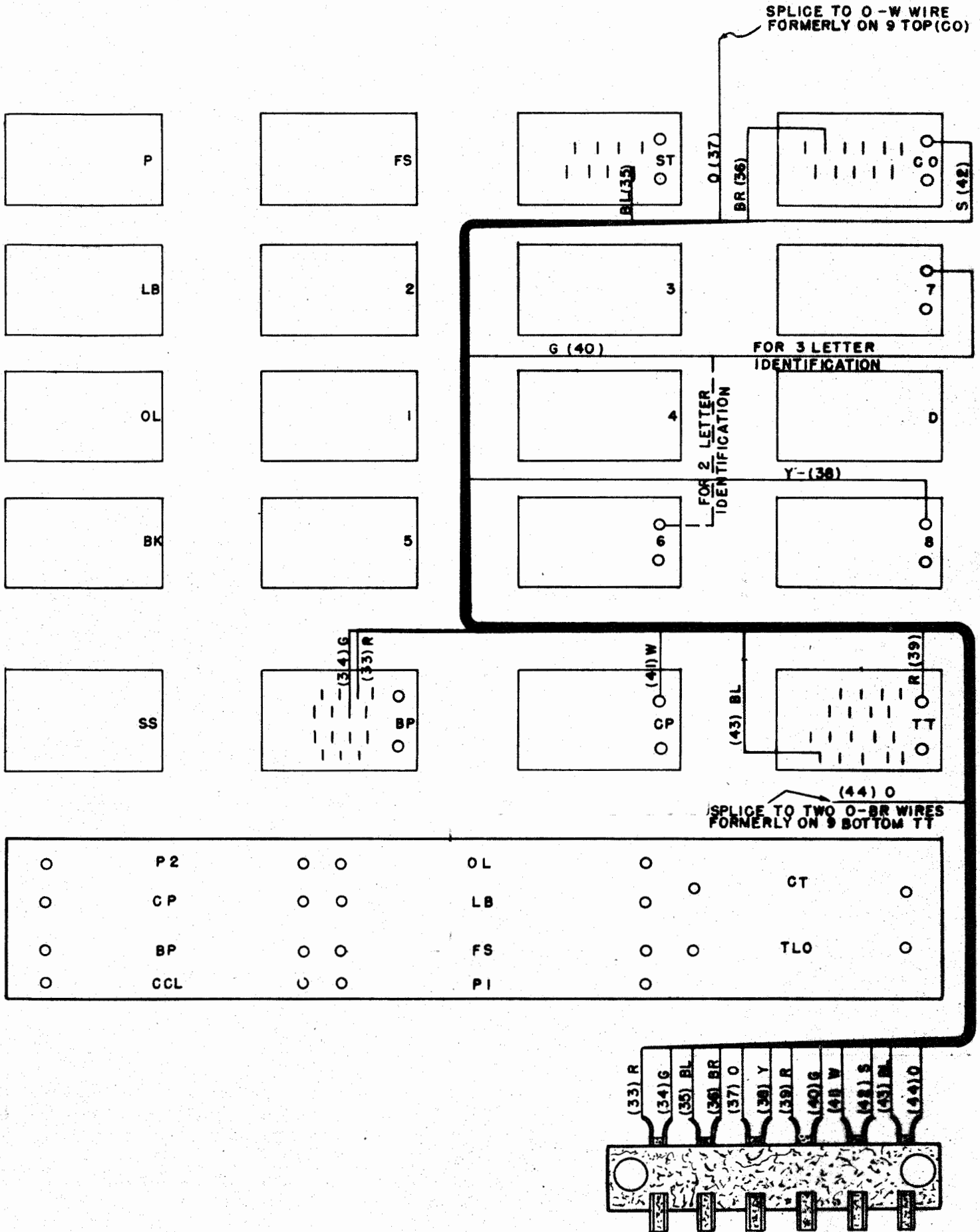


FIGURE 2