

INSTALLATION INSTRUCTIONS

FOR

ESCON MODEL E-E

TAB AND BACKSPACE

PARTS LIST

Typewriter Assembly

Tab Actuator Assembly (Part Number 239A310)	1
Backspace Actuator Assembly (Part Number 239B300)	1
6/32 X 1/4 flathead screws	2

4. Insert and tighten the two screws.
5. Place the end of the magnet lever between the side of the clevis and the link.
6. With the blade of a screwdriver between the lever and the link, spread the clevis until the lever can be moved under the clevis pin. To avoid changing the existing tab adjustment do not rotate the clevis. If the adjustment is inadvertently lost, it may be regained by rotating the clevis until the tab key operates properly.
7. When the clevis pin has passed through the holes in the link, the lever, and the opposite side of the clevis as shown in Figure 2D or E, the mechanical installation is complete. Move the lever by hand to be sure it is free from binds. Also operate the tab key to assure proper operation.
8. Replace the support bracket in the position marked by the pencil lines.
9. Connect the magnet wires as shown in Figure 5, attaching them to the appropriate positions on the typewriter board. No further wiring is necessary, as all electronic components and cabling is included with the Universal Interface. For systems utilizing the ESCON S-100 board, a separate Backspace and Tab manual is provided.

Backspace Magnet Assembly (Refer to Figure 4A)

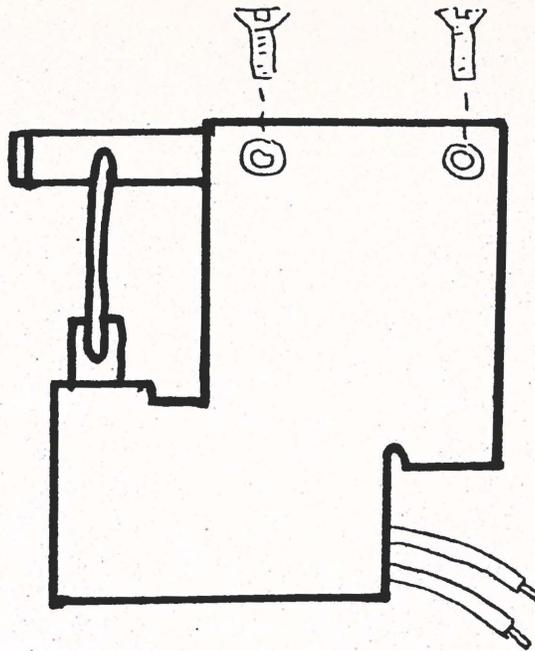
Installation Procedure

1. Remove the upper clamp screws, D, in Figure 4. Loosen the other clamp screws E and F. Unscrew E until its end reaches the surface of the clamp.
2. Turn the right-hand clamp about 90 degrees from its normal position as shown in Figure 4B.
3. Slide the left clamp behind the frame at the left side of the opening B, Figure 3. The magnet lever will pass between the second and third interposer from the left and enter the slot in the second interposer as shown in Figure 4C.
4. Rotate the right-hand clamp to the vertical position and insert the screw. Tighten the three screws just enough to take up the play but still allow the assembly to be moved up, down, and sideways.
5. Position the assembly so that the lever does not bind against the interposer. It should be possible to move the lever slightly with your fingers.
6. Tighten the screws. The mechanical assembly is now complete.
7. Connect the magnet wires to the printed circuit typewriter board as shown in Figure 5.
8. If the backspace operates erratically or not at all, check the lever for binding. If the lever is free, loosen the two screws J and K which hold the magnet, and slide the magnet a short distance, about 1/32 of an inch, to the left or right. Sliding it to the left increases the magnet gap. If the gap is too large, the

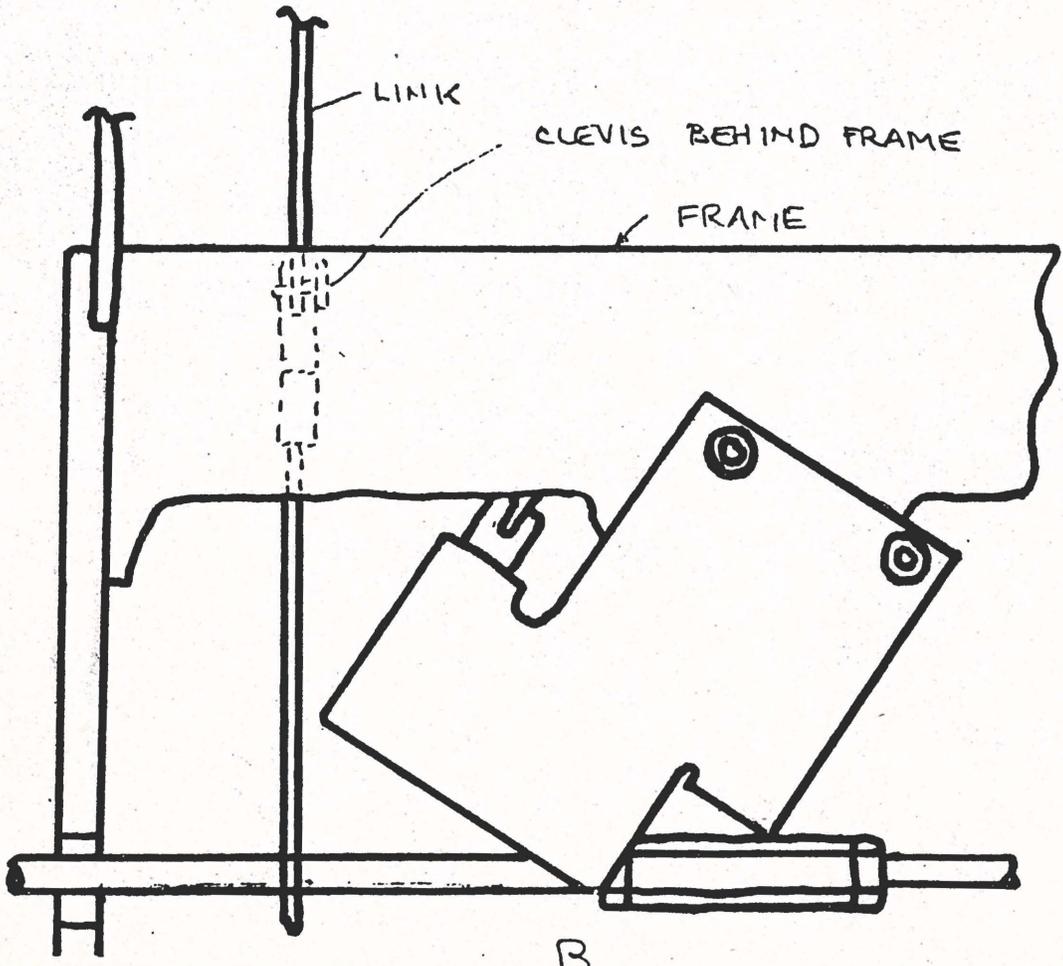
lever can be moved by pulling it outward with a long-nosed pair of pliers, but the magnet will not move it. If the magnet is too far to the right, the lever cannot move far enough to trip the latch. The magnet is adjusted at the factory for the average machine, but variations from one machine to another may necessitate readjustment. The position of the assembly will also affect adjustment.

OPERATION

The Universal Interface utilizes the standard ASCII values for backspace and tab control signals. The commands used in BASIC to access these features are: CHR\$(8) for backspace, and CHR\$(9) for horizontal tab.



A



B

FIGURE 1

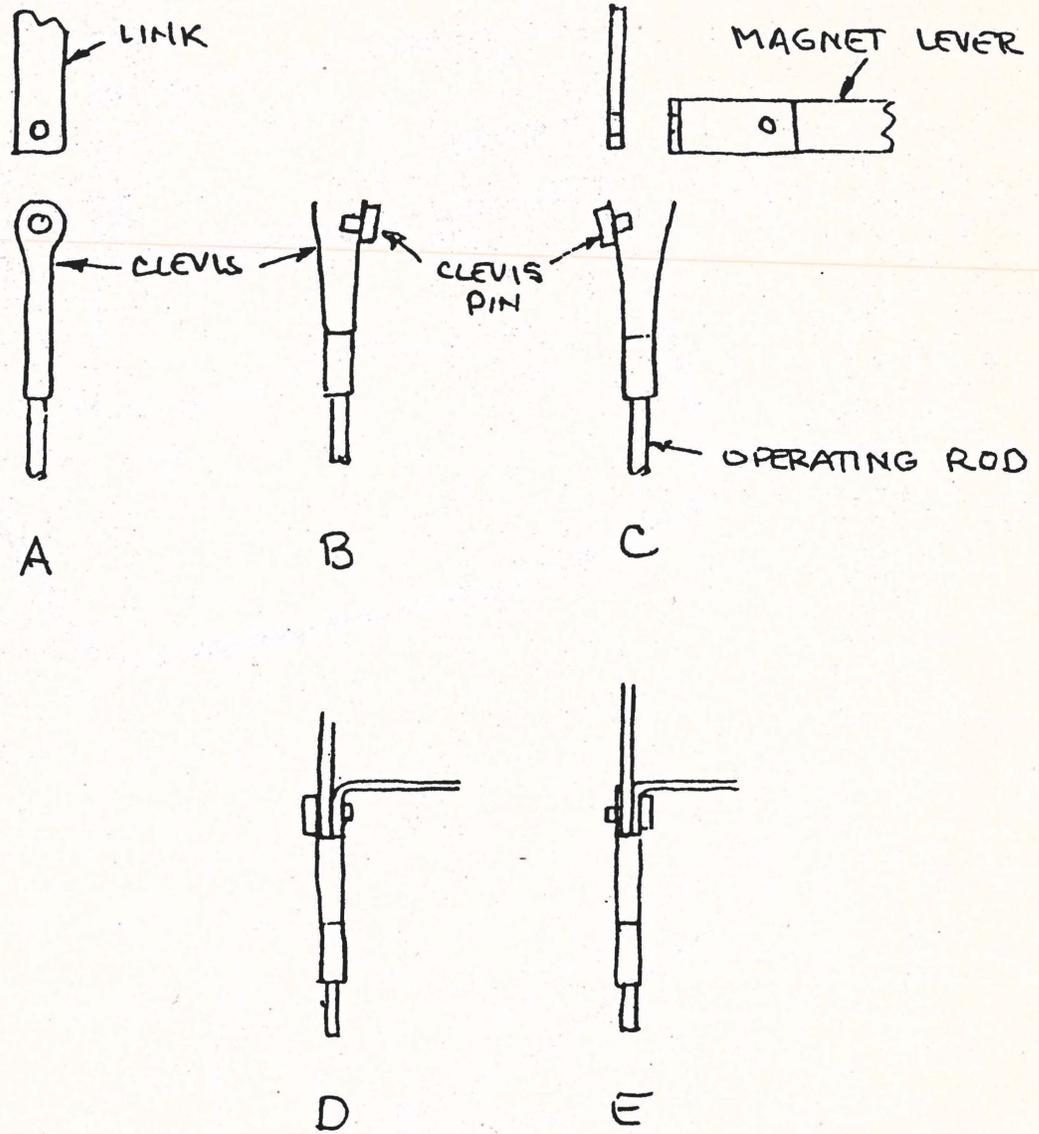


FIGURE 2

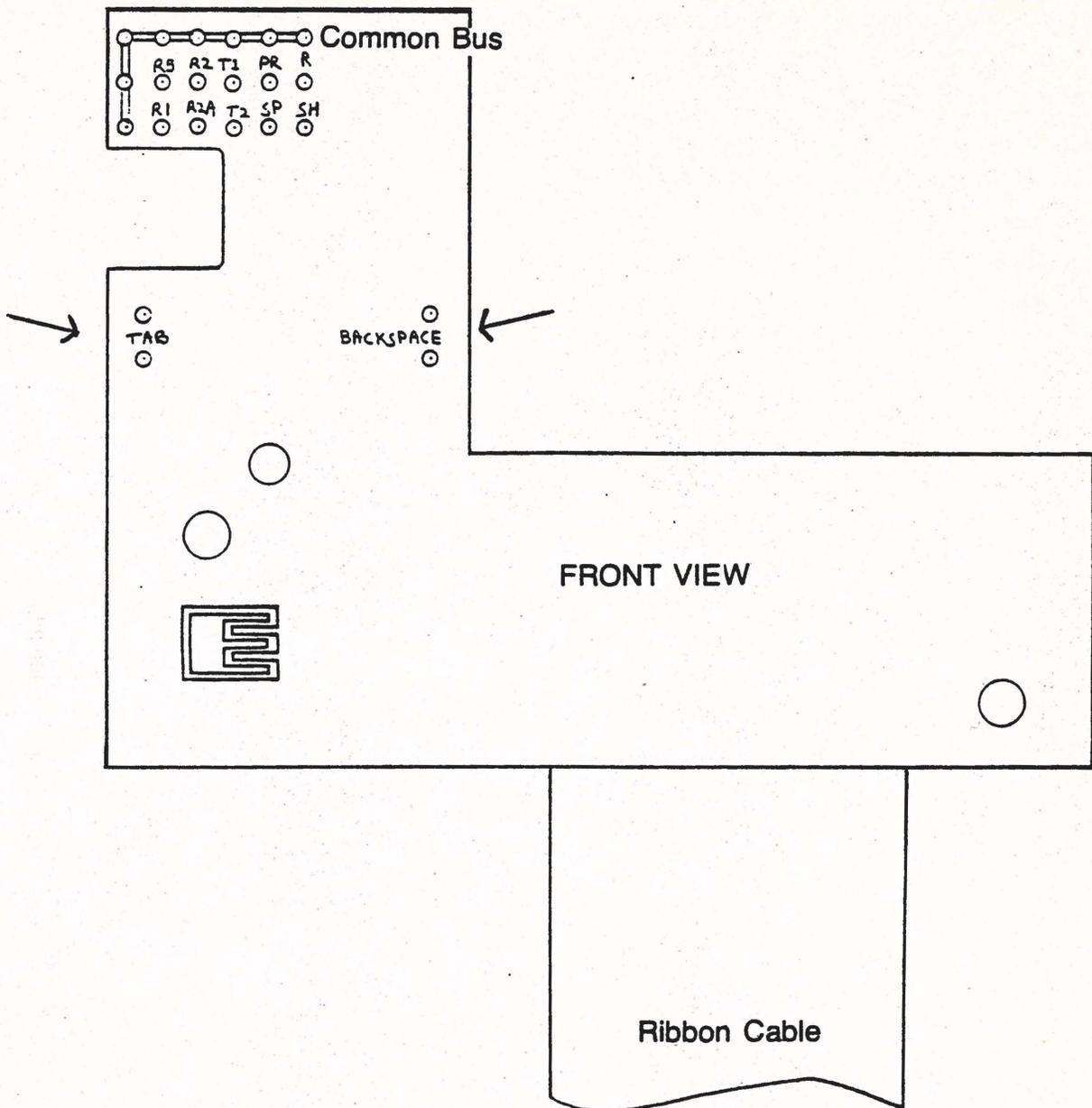


Figure 5