m906 RCU 7-Segment Display Replacement

Remote Control Disassembly & Display Removal

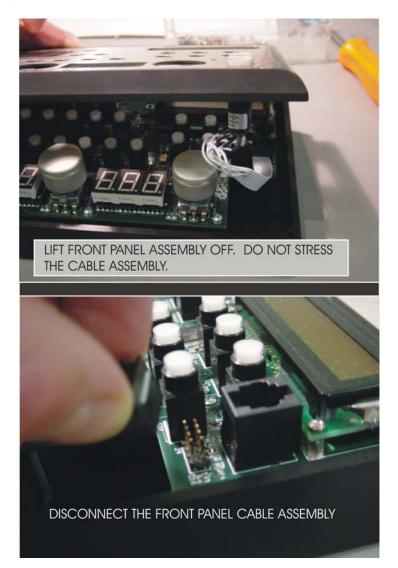
1) Remove the rubber o-ring from both the MAIN and HEADPHONE Level knobs.



 Turn over the remote and locate the four screws positioned in each corner. Using a #1 Phillips driver remove each of these. Use caution as this will release the front panel assembly from the remote control.

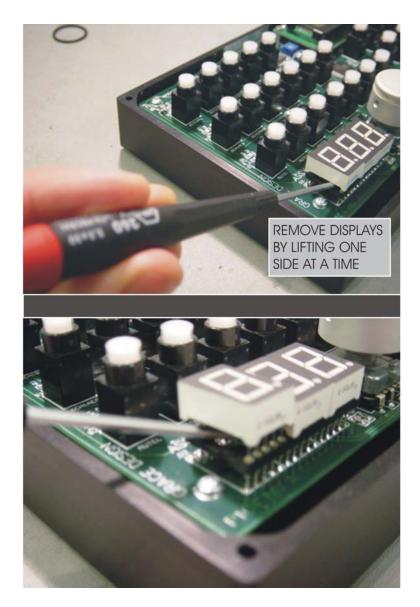


3) Turn the remote back over and carefully lift the front panel assembly up. Notice that the SPK SEL and TALKBACK switch wire assembly is connected to the remote control circuit board. Disconnect the SPK SEL / TALKBACK switch wire assembly from the remote circuit board by pulling up on the connector. Set the front panel assembly aside taking care not to stress the front panel switch wire terminations.



4) Using a small flathead screwdriver remove the faulty 7-segment displays. Begin with the most significant headphone level digit and work to the right.

As the photo series below shows, it is easiest to remove the displays by inserting the screwdriver under the open side of the component and lifting one side at a time.

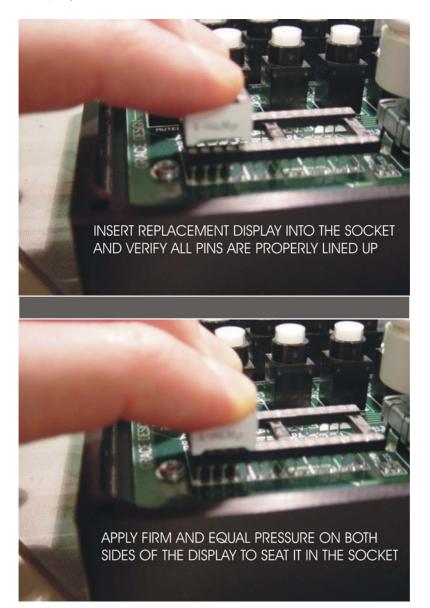


Pry up to release the display from the socket. Repeat for the other side. (It may be helpful to use your free hand to also pull up on the display to aide in removal, especially on the harder to access MAIN Level displays.)

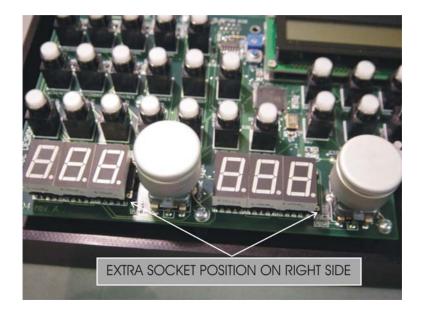
Display Installation

- Before installing the replacement displays, verify that the leads coming off each of the components are straight. If any of them appear bent, straighten those using pliers before attempting to install.
- 2) Starting with the HEADPHONE Level most significant digit, insert the new display in the socket. Orient the display such that the decimal point is

located towards the bottom of the remote. Make sure all of the pins line up properly with the mounting socket. Using an evenly distributed force, push the display down flush to the socket.



3) Repeat this for the five remaining displays. Note that there will be one unused socket position following the least significant digit at both the MAIN and HEADPHONE display positions.



4) Finally, do a visual inspection of the displays to confirm that they properly aligned horizontally. If any of the display alignments are skewed, apply pressure to the side with your hand. This will bend the leads slightly and allow you to align the display.

Remote Control Reassembly

- Before reinstalling the front panel assembly, verify there is no debris on the inside of the front cover. If there is, simply blow if out using compressed air. Clean any finger prints from the inside of the display windows.
- 2) Connect the front panel ribbon cable assembly to the remote circuit board.
- 3) Seat the front panel assembly on the remote chassis. Verify the alignment of the top cover assembly by inspecting for any overhang of the front panel or the remote chassis. Once the front panel and remote chassis alignment is set, reinstall the four bottom screws. Do not overtighten these screws as doing so may strip the tapped holes.
- 4) Reinstall the two rubber o-rings.