

ATTENTION:

OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC DEVICES

Removal/Installation of Touchscreen - The Vibe and Vibe w/ Coin

NOTE: Do NOT attempt to remove the monitor or motherboard from The Vibe. If these components need to be replaced, contact Merit Customer Service at 1-800-445-9353 or (215) 639-4700 outside the USA and Canada to arrange to have your game sent in for repair.

Touchscreen Removal

1. Turn off and unplug the game.
2. Unlock and open the CPU section.
3. Games with bill acceptors only: Remove the clamp fastening the bill acceptor sensor cable to the VGA monitor cable. Then disconnect the 12-pin power connector from the side of the bill acceptor and remove the 4 screws and washers securing the bill acceptor to the CPU. You will then be able to remove the bill acceptor.
4. Disconnect the VGA monitor cable connector and the screw fastening the cable to the monitor mounting plate, and also disconnect the ground screw. Then disconnect the monitor power connector. See Figure 1.
5. Remove the 2 thumbnuts securing the touchscreen controller to the game and remove the controller from the mounting screws. Then disconnect the cable from the back of the controller and disconnect the Molex connector (orange and gray wires) running from the touchscreen controller cable to the main power harness. Also disconnect the ground screw. See Figure 1.
6. Using Figure 1, remove the 10 screws fastening the monitor to the bezel (2 screws also fasten strain relief cords on either side of the CPU) and carefully pull the monitor assembly away from the bezel until you're able to access the touchscreen. NOTE: Keep track of all hardware removed in the touchscreen replacement process.
7. Note the orientation of the touchscreen cable before removing the screen. Then use dental floss to carefully cut the foam tape holding the touchscreen to the monitor until you are able to completely remove the screen. Note the manner in which the 2 layers of foam tape are placed on the front edge of the screen.
8. Remove any remaining adhesive residue with denatured alcohol, then clean the monitor glass with the supplied alcohol wipe.

Touchscreen Installation

1. Clean the reverse side of the replacement touchscreen with the supplied alcohol wipe.
2. If there is no tape already on the touchscreen, cut pieces of the supplied 1/2" double-sided foam tape long enough to cover each edge of the screen without overlapping. After the tape is in place on the screen, peel off the backing.
3. Replace the new touchscreen over the monitor in the same manner as the old screen, making sure the screen is properly and evenly aligned over the monitor glass. Then clean the front of the screen with the supplied alcohol wipe.
4. Using the original touchscreen for reference, cut pieces of the supplied 1/2" single-sided foam tape long enough to cover each edge of the front of the screen without overlapping, then place

Troubleshooting Information - Removal/Installation of Touchscreen - The Vibe and Vibe w/ Coin

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Removal/Installation of Touchscreen - The Vibe and Vibe w/ Coin (cont'd)

the tape on the screen. After the tape is in place, repeat this step so there are two layers of tape on the screen.

5. Connect the new touchscreen controller cable in the back of the controller and secure the controller on the mounting screws in the game with the existing hardware. Also connect the Molex connector (orange and gray wires) to the main power harness.
6. Replace the monitor assembly in the bezel, lining up the screw holes in the monitor with the holes in the bezel, then replace the 10 screws. See Figure 1.
7. Reconnect the VGA monitor cable connector and the screw fastening the cable to the monitor mounting plate, and also reconnect the ground screw. Then reconnect the monitor power connector. See Figure 1.
8. Games with bill acceptors only: Replace the bill acceptor in the CPU section (make sure the touchscreen controller cables do not interfere) and fasten it with the 4 screws and washers. Then reconnect the 12-pin bill acceptor power connector. It is also recommended you use a cable clamp to refasten the bill acceptor sensor and VGA monitor cables.
9. Plug in and turn on the game.
10. When the game is finished booting, calibrate the touchscreen.
11. Close and lock the CPU section.

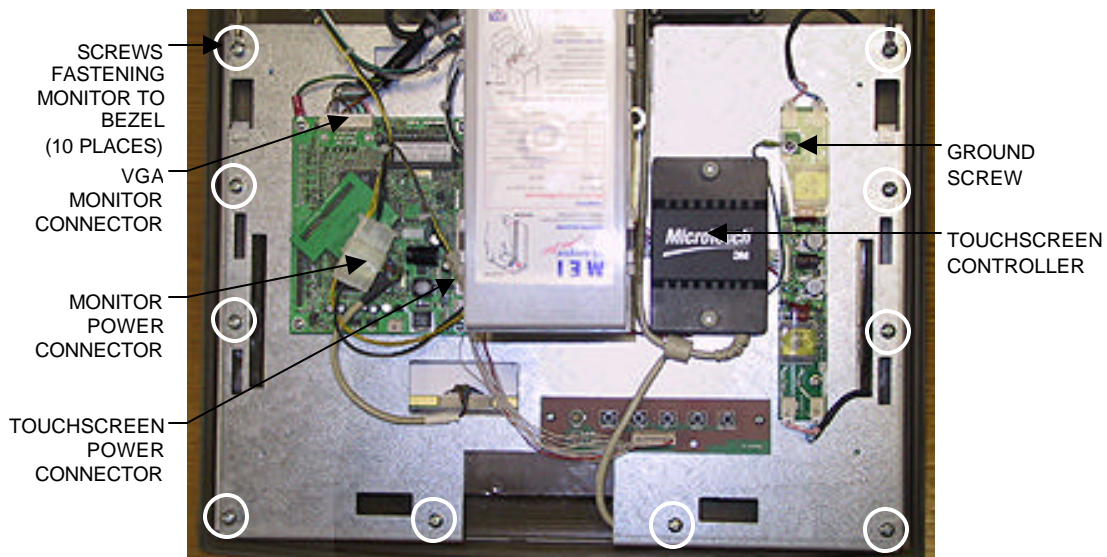


FIGURE 1 - FORCE VIBE - MONITOR REMOVAL