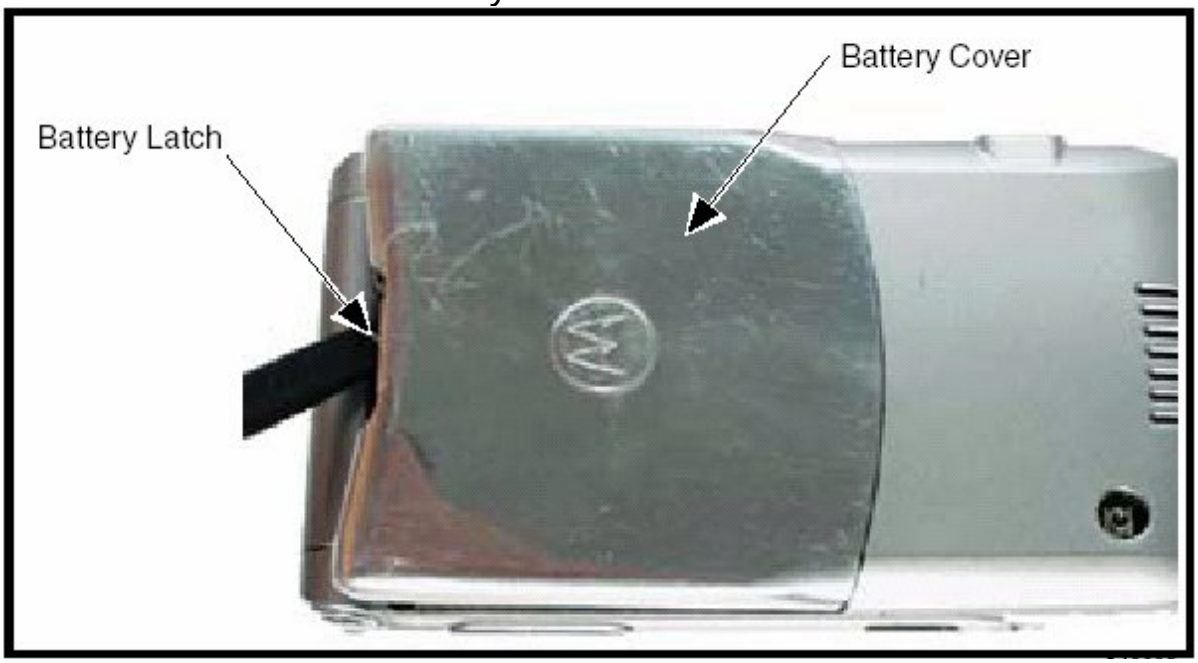
Disassembly & Assembly –V3 Razor

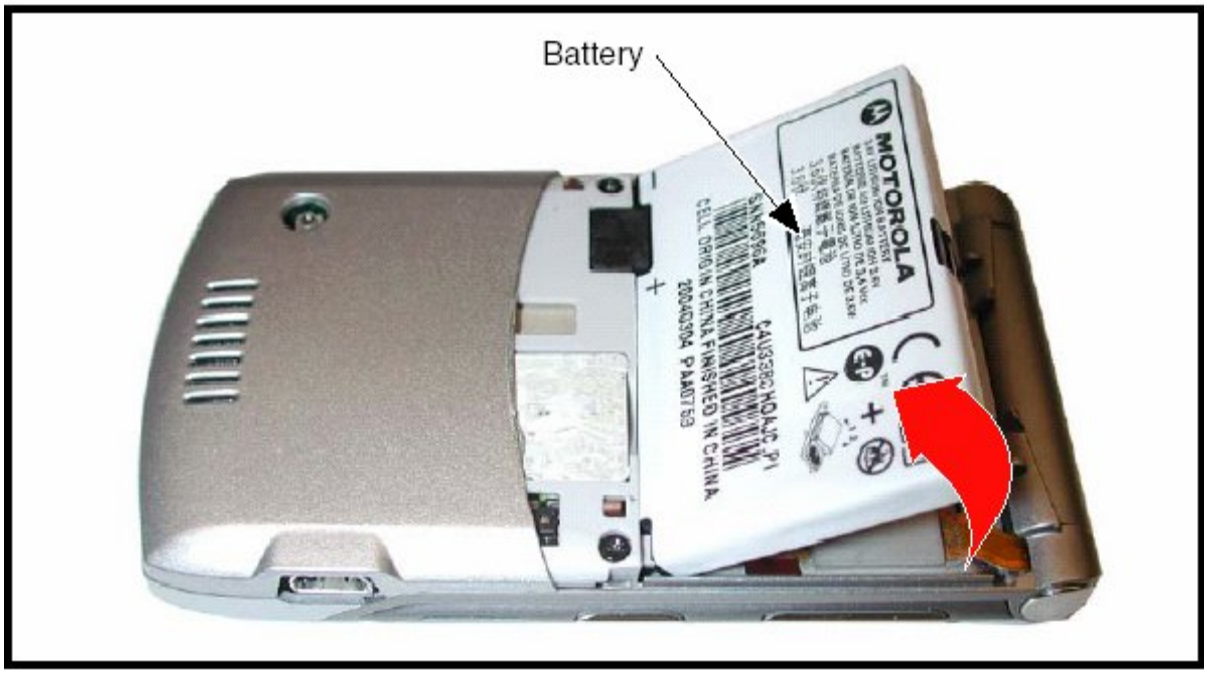
This product contains static-sensitive devices. Use anti-static handling procedures to prevent electrostatic discharge (ESD) and component damage.

Removing and Replacing the Battery Housing and Battery

1. Ensure the phone is turned off.
2. Press in and hold the battery door latch as shown.



3. Rotate the battery cover upwards and lift it completely off the phone.

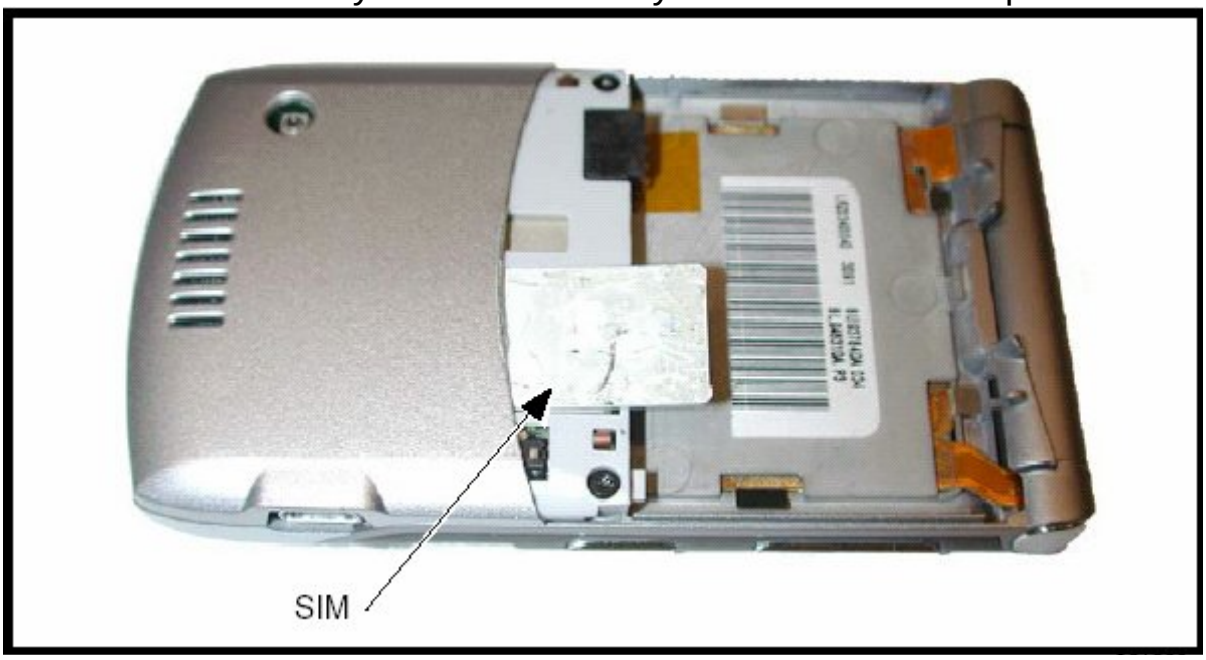


4. Lift the end of the battery first, and then remove it from the phone.
5. To replace, Align the battery with the battery compartment so the contacts on the battery match the battery contacts in the phone.

6. Insert the battery, contacts side first, into the battery compartment and push down followed by the opposite edge of the battery.
7. Insert the bottom edge of the of the battery cover into the rear housing, then push the top edge of the cover down and snap it into place.

Removing and Replacing the Subscriber Identity Module (SIM)

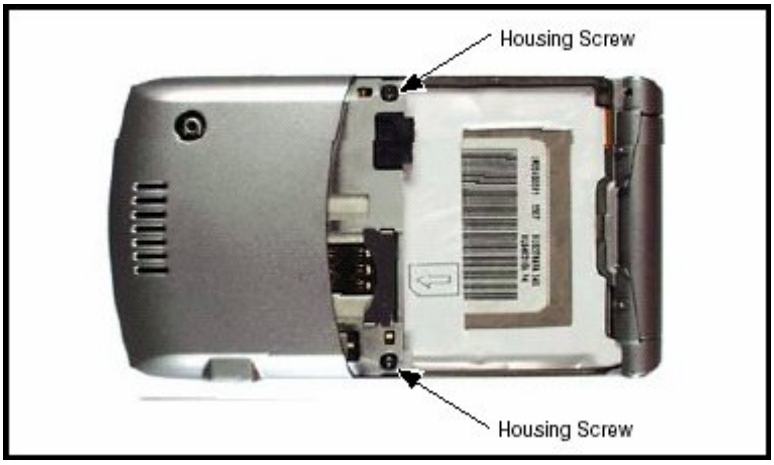
1. Remove the battery cover and battery as described in the procedures.



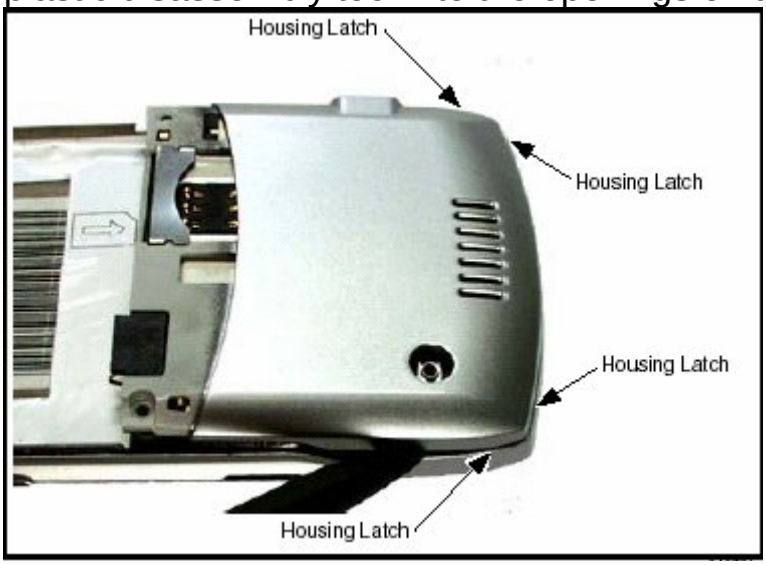
2. Slide the SIM card out of the phone as shown.
3. Carefully lift the SIM from the phones.
4. To replace, insert the SIM into the holder, ensuring the keyed corner of the SIM faces the outside of the phone.
5. Replace the battery and battery door as described in the procedures.

Removing and Replacing the Rear Housing

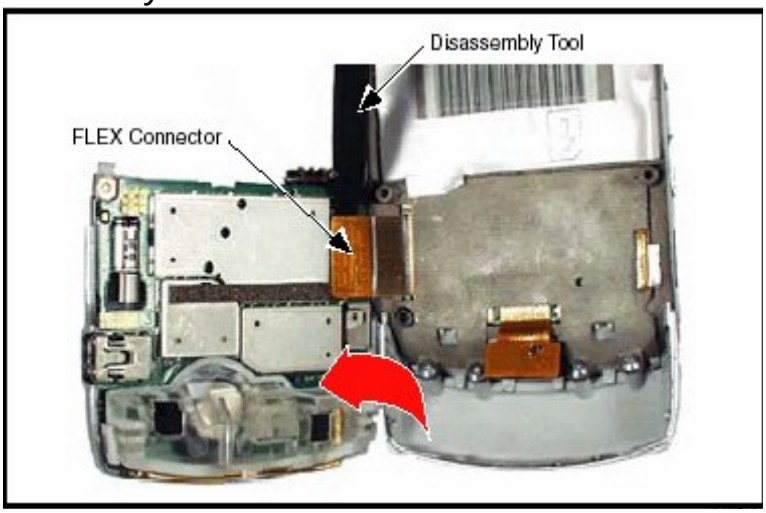
1. Remove the battery cover, battery, and SIM as described in the procedures.
2. Using a Torx driver with a T-5 bit, remove the screws at each side of the phone. Retain the screws for reassembly..



3. Release the four housing latches by inserting the pointed end of the plastic disassembly tool into the openings on the rear housing.



4. Carefully rotate the rear housing away from the front housing and flip assembly.



5. Use the disassembly tool to unseat the flex connector from it's socket.
6. Lift the rear housing assembly away from the phone.
7. To replace, carefully align the flex connector to it's socket on the rear housing assembly, then gently press down on the flex connector until it is properly seated in it's socket.

8. Rotate the rear housing assembly so it sits over the phone.
9. Align the housing latches with the corresponding openings on the front housing. Gently press the housings together until the catches snap into place.
10. Replace the 2 housing screws and tighten to a final torque setting of 1.5 inch pounds. Do not over tighten.
11. Replace the antenna, SIM, battery, and battery cover as described in the procedures.

Removing and Replacing the Antenna

1. Remove the battery cover, battery, SIM, and rear housing assembly as described in the procedures.
2. Use the metal tweezers to grasp the rubber antenna grommets and carefully remove them from the antenna assembly. See Figure 7. Set the rubber grommets aside for reuse.

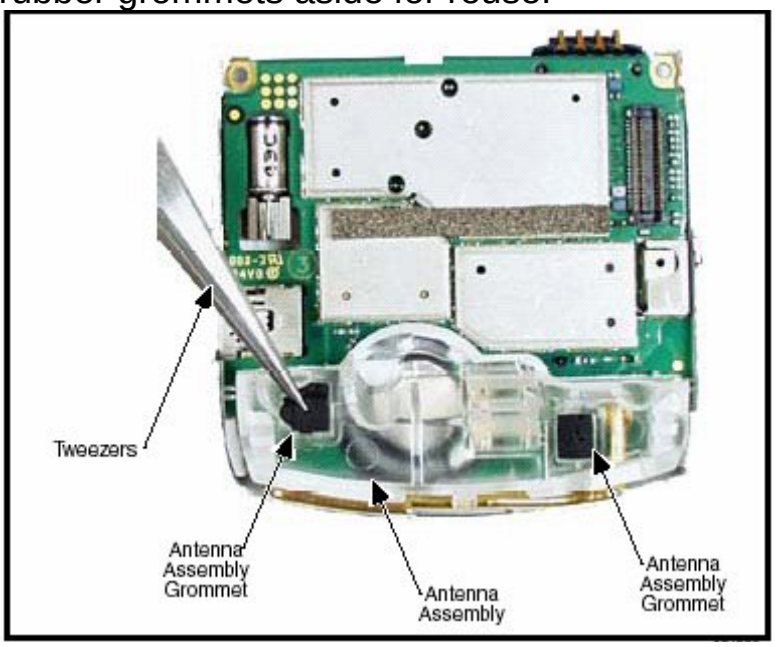


Fig7

3. Use the disassembly tool to release the antenna assembly as shown in Figure 8.

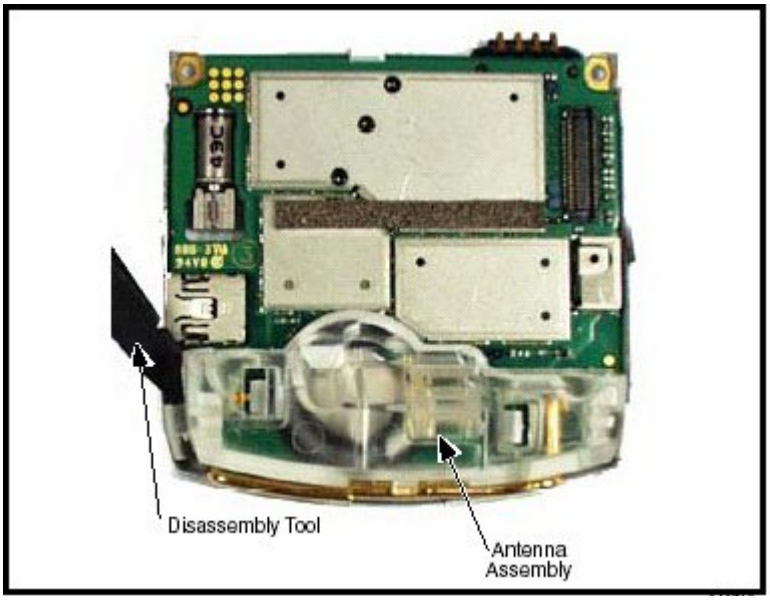


Fig8

4. Carefully lift the antenna assembly away from the phone.
5. To replace, align the antenna assembly to the phone.
6. Carefully press the antenna assembly into position until the antenna assembly latches snap into position.
7. Reinstall the rubber antenna assembly grommets into their slots. Each antenna grommet is uniquely shaped to fit into its respective position.
8. Replace the rear housing assembly, SIM, battery and battery cover as described in the procedures.

Removing and Replacing the Transceiver Board Assembly

1. Remove the battery cover, battery, SIM, antenna, rear housing and battery tray as described in the procedures.
2. Lift the transceiver board assembly out of the front housing with the metal tweezers. See Figure 9.

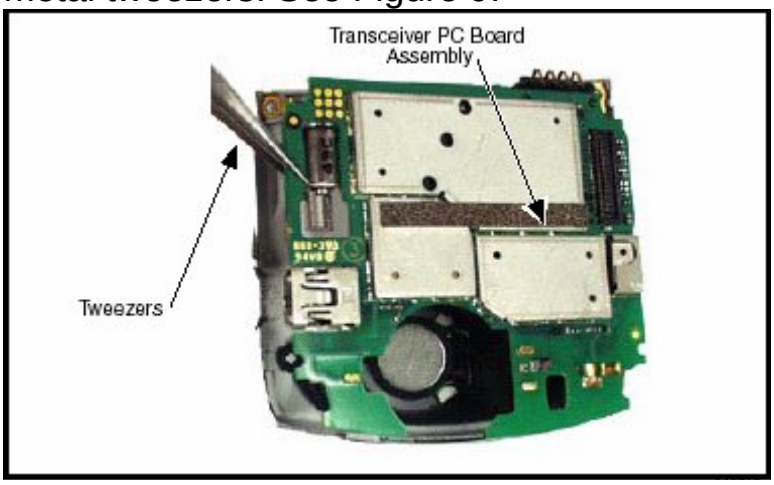


Fig9

3. To replace, insert the transceiver board assembly into the rear housing.

4. Carefully and gently press the transceiver board into position and until it snaps into place.
5. Replace the antenna assembly, rear housing, SIM, battery, and battery
cover as described in the procedures.

Removing and Replacing the Flip Assembly Cover

1. Remove the battery cover, battery, SIM, antenna, rear housing, and transceiver board assembly as described in the procedures.
2. Remove the 4 flip assembly screw caps.
3. Use the T-5 driver to remove the 4 screws from the flip assembly (see Figure10). Retain the screws for re-assembly.



Fig10

4. Before removing the flip cover, note the locations of the smart buttons on the sides of the flip assembly.
5. Use the disassembly tool to gently pry off the flip cover (see Figure 11).



Fig 11

6. Remove the smart buttons on the side of the flip assembly. Set them aside for reassembly.
7. Lift the flip cover away from the flip assembly. Be careful not to damage the display flex cable (see Figure 12).



Fig 12

8. To replace, insert the smart buttons into the phone. Ensure the buttons contact their respective switches on the display assembly.
9. Align the flip cover to the flip assembly, gently press the flip cover onto the flip assembly until the flip cover latches engage.
10. Insert and tighten the 4 screws to secure the flip cover to the flip assembly. Avoid damage to the flex cable.
11. Insert the 4 rubber screw covers over the flip assembly screws.
12. Replace the transceiver board assembly, rear housing, antenna

assembly, SIM, battery, and battery cover as described in the procedures.

Removing and Replacing the Camera Assembly

1. Remove the battery cover, battery, SIM, antenna, rear housing, and transceiver board assembly, flip assembly cover, and CLI lens cover as described in the procedures.
2. Unlock the ZIF connector and remove the camera assembly flex connector.
3. Carefully lift the camera assembly and flex out of the flip assembly (see Figure 13).

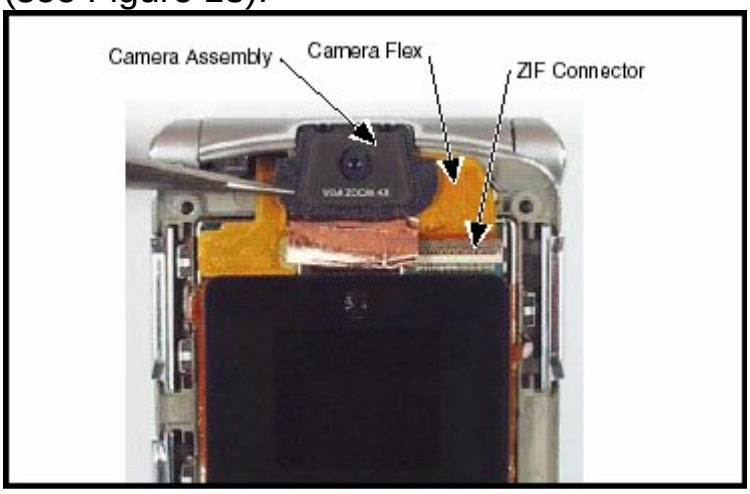


Fig 13

4. To replace, carefully press the camera assembly into its slot in the flip assembly.
5. Insert the end of the camera assembly flex cable into its slot in the ZIF connector on the flip display assembly. Avoid damage to the flex cable.
6. Replace the flip assembly cover, transceiver board, rear housing, antenna, SIM, battery, and battery cover as described in the procedures.

Removing and Replacing the Display Module Assembly

1. Remove the battery cover, battery, SIM, rear housing, antenna, transceiver board assembly, flip assembly cover, and camera assembly, as described in the procedures.
2. Use the disassembly tool to unseat the display module assembly flex connector from its socket (see Figure 14)

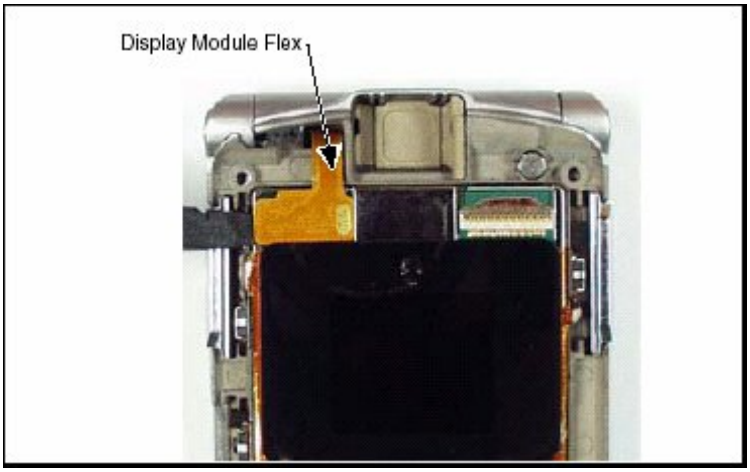


Fig 14

3. Carefully and gently lift one corner of the display module assembly out of the flip assembly.
4. Avoid damage to the electrical components on the flex while carefully removing the display module assembly from the flip assembly.
5. Carefully lift the display lens away from the flip assembly.

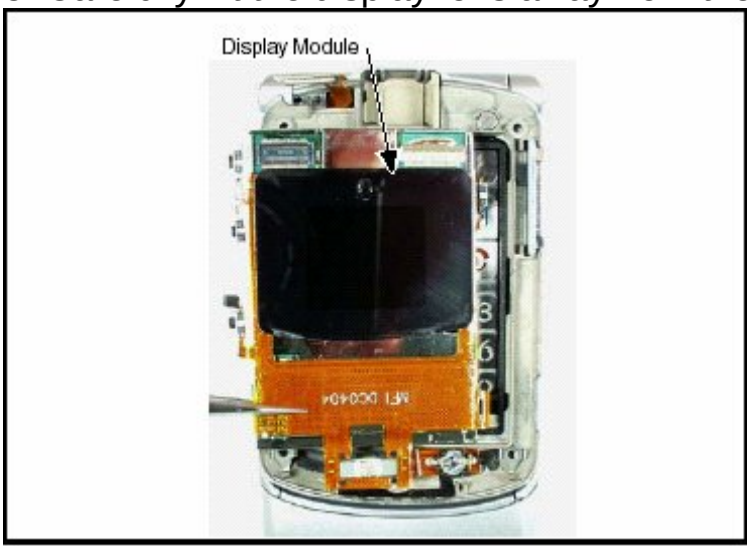


Fig 15

6. To replace, align the display module assembly to the flip assembly.
7. Carefully lower the display module into the flip assembly. Ensure that all of the display none of the display assembly components are damaged.
8. align the flip display flex to the flex connector on the flip display assembly and gently press down on the flex connector until properly seated.
9. Replace the camera assembly, flip assembly cover, transceiver board, rear housing, antenna, SIM, battery, and battery connector as described in the procedures.