BMW E6x/E9x Android Touch Screen Radio Installation Instructions

Enjoy your new Android Radio from Bremmen Parts, we appreciate your business.

bremmen parts



Proper service and repair procedures are vital to the safe, reliable operation of all motor vehicles as well as the personal safety of those performing the repairs. Standard safety procedures and precautions (including use of safety goggles and proper tools and equipment) should be followed at all times to eliminate the possibility of personal injury or improper service which could damage the vehicle or compromise its safety.

Listed below are the components which will need to be removed in order to install the new radio:

- **1.** Factory radio screen
- 2. Dash trim panel
- **3.** Climate control panel
- 4. Factory Radio

Listed below are the different ports on the back of the radio and components we will be plugging into them:

- 1. Wiring harness
- 2. LVDS cable
- 3. GPS antenna
- 4. USB port
- 5. Ground wire

This photo shows what the radio will look like once installed. All of the stock mounting hardware is reused for an easy and reversible installation.





Here's what's included in the box:

- 1. Wiring Harness
- 2. Aux Cord
- 3. USB Port
- **4.** Component Input Adapter
- 5. GPS Antenna



Here's all the tools required for this install:

- 1. Phillips Screwdriver
- 2. T10 Torx
- **3.** Angled Pick
- 4. Trim Removal Tools

Section 1: Removing the Stock Radio

- **Step #1** Ensure that your battery is disconnected prior to beginning installation.
 - Locate and remove the two vertical screws (arrows).
- **Step #2** Rotate the screen down and pull it partially out of the dash.
- **Step #3** Disconnect the two connectors (arrows) from the back of the stock screen.
- **Step #4** Carefully pry the trim panel free from the dash.









Section 1: Removing the Stock Radio

- **Step #5** Disconnect the connector (arrow) from the back side of the vent, then set the entire trim panel aside.
- **Step #6** Locate the two screws which secure the climate control panel to the vehicle (arrows).
- **Step #7** Carefully pull the climate control panel away from the vehicle.
- **Step #8** Disconnect the three connectors (arrows) from the back of the unit, then set it aside.











Section 1: Removing the Stock Radio

- **Step #9** Remove the four screws (arrows) which secure the factory radio into the dash.
- **Step #10** Remove the big block connector (arrow) by releasing the sliding lock and pulling it free from the back side of the radio.
- **Step #11** Route the wiring harness (highlighted in **RED**) up around the vent to the screen mounting location as shown.
- **Step #12** Using a pick, release the fiber optic cable from the stock radio connector and transfer it to the new radio connector on the wiring harness.











Section 2: Installing the new Radio

- **Step #1** Connect the stock connector into the new wiring harness as shown.
- **Step #2** Reinstall the radio connector on the new harness into the back of the radio and close the sliding lock.
- **Step #3** Install the radio back into the cage and secure it with the four screws (arrows).
- **Step #4** Lift the new android radio screen up into the opening in the dash and connect the connector on the new wiring harness into the back of the new screen as shown.









Section 2: Installing the New Radio

bremmen

parts

- **Step #5** Plus the LVDS cable into the back of the new screen.
- **Step #6** Install the new GPS antenna by doing the following:
 - Find a suitable location to mount the GPS antenna which is clear of obstacles that may cause signal interference.
 - Mount the GPS antenna in the desired location using double-sided tape or the integrated magnet.
 - Route the cable from the mounting location to the back of the new radio, removing trim panels to tuck and secure the cable as needed.
- **Step #7** Install the GPS cable connector into the back of the new screen as shown.











Section 2: Installing the New Radio

Step #9 • Install the USB port by doing the following:

- Find a convenient location to mount the USB port, we found the glove compartment to work well on this model.
- Route the USB port to the desired mounting location, removing trim panels to tuck and secure the cable as needed.
- **Step #10** Locate the auxiliary ground wire on the back of the screen.
- **Step #11** Route the ground wire down to a suitable ground source, such as this metal bracket located behind the gauge cluster.
- **Step #12** Reconnect the connectors and install the climate control panel into the dash with the two screws (arrows).









Section 2: Installing the New Radio

- **Step #13** Turn the radio on and test for functionality (sound, video, steering wheel controls, GPS, Wifi, etc.) then:
 - Reconnect the connector and install the trim panel.
 - Slide the new screen into the dash and rotate it up until it sits flush.
 - Install the two vertical screws (arrows) to retain the screen in place.

Congratulations, your installation is complete!

