

BMW 3-Series 1999-2005, **3-Series** (coupe, convertible) **2006, M3 2001-2006** (for factory switch panel with five separate openings) **50-951**

KIT FEATURES

- ISO DDIN radio provision
- ***Painted matte black***
- ***Relocates the factory climate control and switches***
- ***Parts included to modify the factory airbox***



KIT COMPONENTS

- A) Radio trim panel • B) Back up housing • C) Radio brackets • D) Climate and switch panel housing
- E) Airbox cover • F) Cutting template • G) Climate bracket • H) Actuator arm • I) (1) #6 x 1/2" Phillips screw
- J) (4) #8 x 1/2" Phillips screws • K) (2) #8 x 3/8" Phillips screws • L) (2) panel clips • M) Vent door

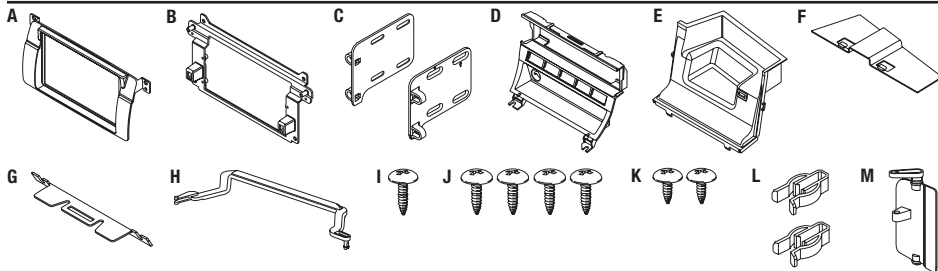


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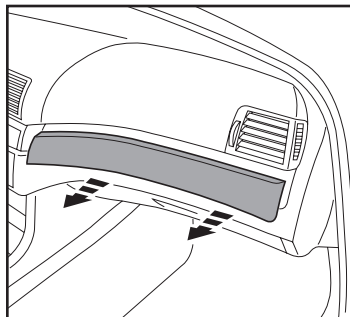
- Panel removal tool • Phillips screwdriver • Pick tool

CAUTION! All accessories, switches, climate controls panels, and especially air bag indicator lights must be connected before cycling the ignition. Also, do not remove the factory radio with the key in the on position, or while the vehicle is running.

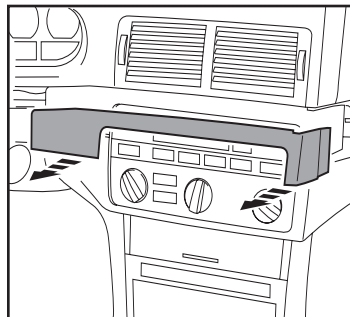
Dash Disassembly

1. Unclip and remove the trim panel above the glove box. (Figure A)
2. Unclip and remove the trim panel above the factory radio. (Figure B)
3. Remove (2) Phillips screws securing the radio and then unplug and remove the radio. (Figure C)

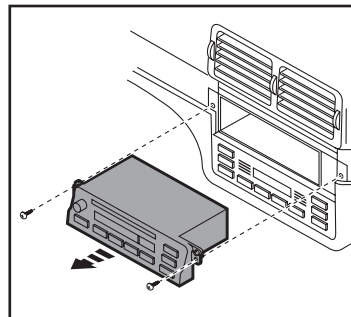
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(Figure A)



(Figure B)

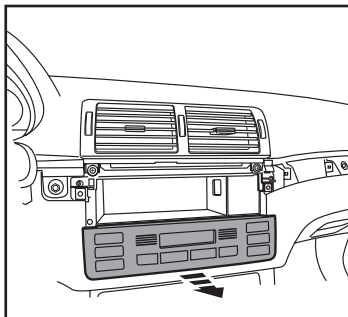


(Figure C)

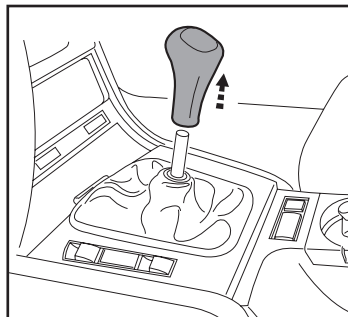
Dash Disassembly

4. Unsnap and remove the climate control panel. (Figure D)
5. Pull straight up on the shift knob to remove. (Figure E)
6. Unclip and remove the boot around the shift selector. (Figure F)

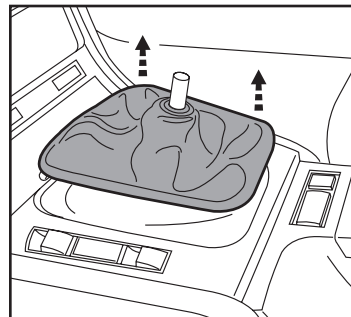
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(Figure D)



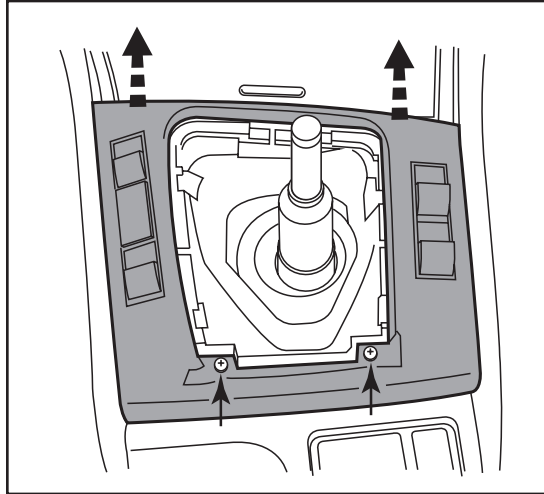
(Figure E)



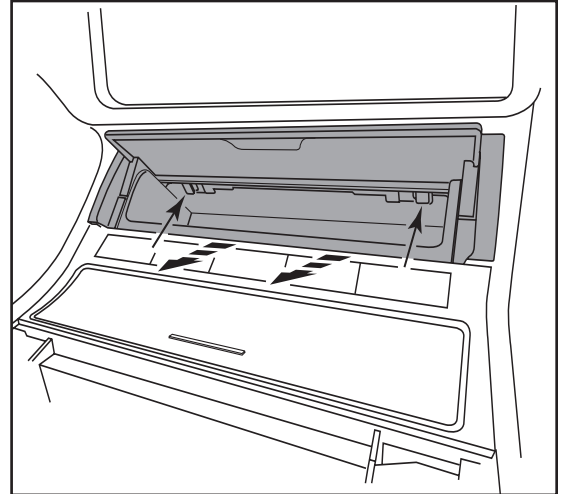
(Figure F)

Dash Disassembly

7. Remove (2) Phillips screws securing the shift selector trim panel, and then unclip and remove the panel. (Figure G)
8. Open the upper door on the lower switch panel. Using a pick tool, or something suitable, disengage (2) clips in the upper corners of the tray to remove the tray and door. (Figure H)



(Figure G)



(Figure H)

Dash Disassembly

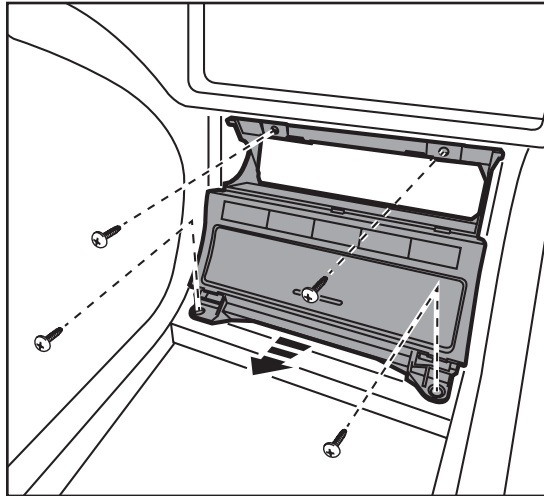
9. Remove (4) Phillips screws now exposed securing the lower switch panel, and then unplug and remove the panel. (Figure I)

Note: All of the switches will need to be removed and installed into the new switch panel provided.

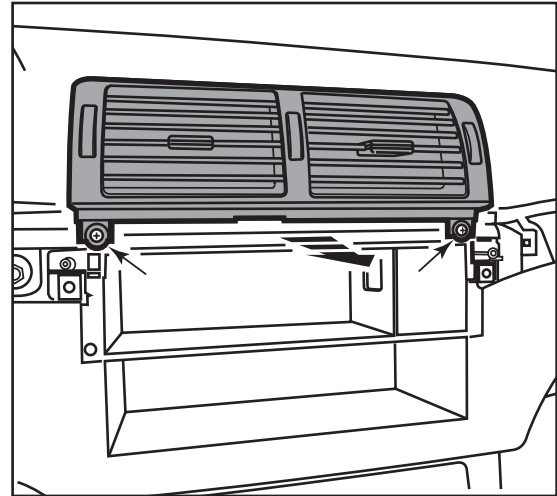
10. Remove (2) Phillips screws, and then unclip and move aside the vent assembly above the radio opening. It is not necessary to remove the assembly. But if desired, there will be a cable attached to the assembly that will need to be removed. (Figure J)

11. For non-NAV equipped cars, remove (2) Phillips screws securing the plastic radio/climate housing from the radio/climate cavity, and then remove.

Continue to sub-dash airbox modifications



(Figure I)



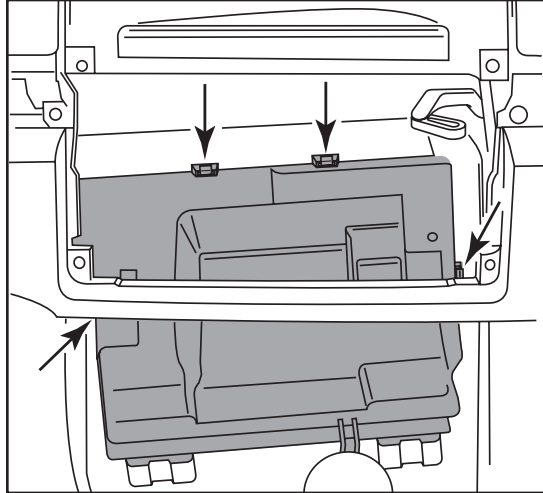
(Figure J)

Sub-dash airbox modifications

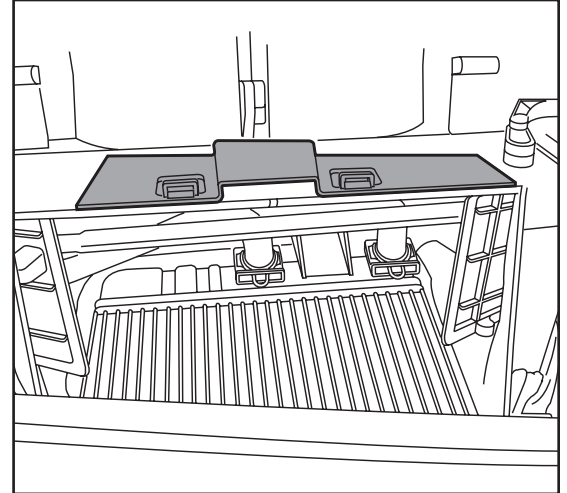
1. Remove (4) metal retaining clips holding the air box front panel in place and remove the panel.
Note: One of the retaining clips will be reused in step 7.
(Figure A)

2. Clip the *cutting template* over the top edge of the air box, mark for cutting, remove the template, and then cut the marked area.
(Figure B)

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(Figure A)



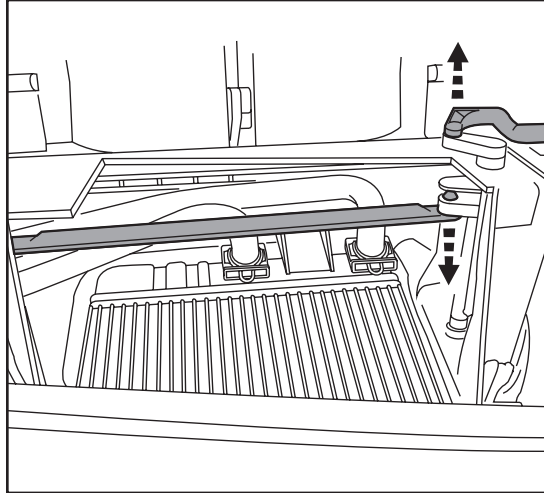
(Figure B)

Sub-dash airbox modifications

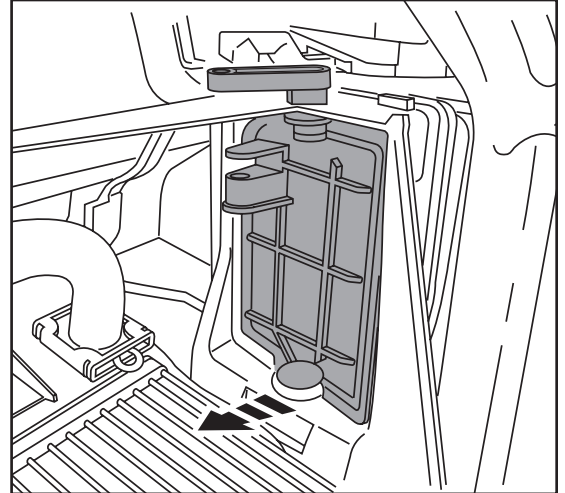
3. Remove the upper actuator arm from the passenger vent door. Remove the lower actuator arm from the vent doors. Unclip the passenger side first and then the drivers side. (Figure C)
4. Remove the passenger side vent door. Unclip from the bottom, then push and rotate the top clip out of the slot in the airbox. (Figure D)

Note: Remember the orientation of the vent door arm (approx. 11:00) when removing to ease in reinstallation.

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(Figure C)

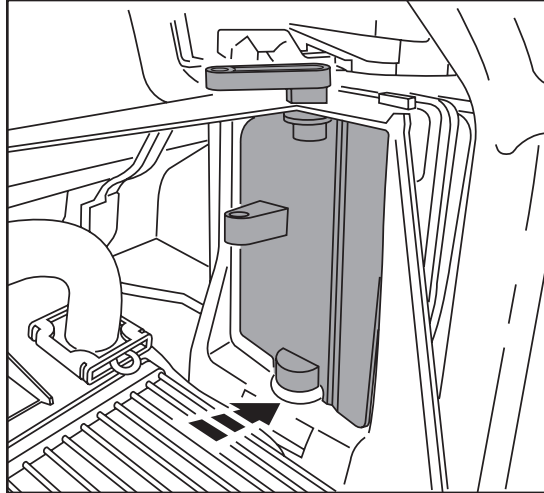


(Figure D)

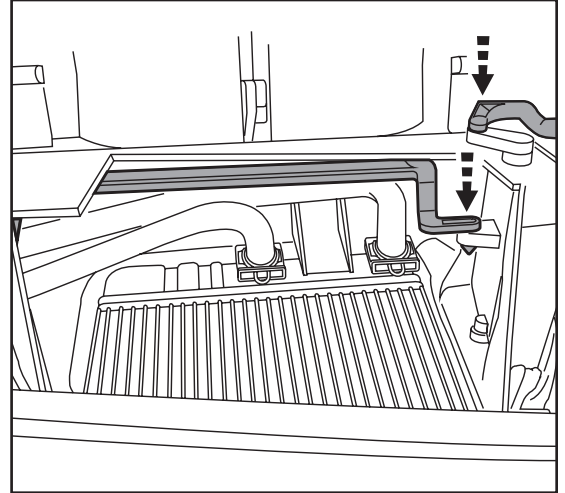
Sub-dash airbox modifications

5. Replace the factory passenger side vent door with the supplied *vent door*. Rotate the *vent door* into the upper slot and clip into the lower socket. (Figure E)
6. Replace the factory actuator arm with the supplied *actuator arm*. Clip the drivers side in first and then the passenger side. Reconnect the upper actuator arm to the passenger vent door. (Figure F)

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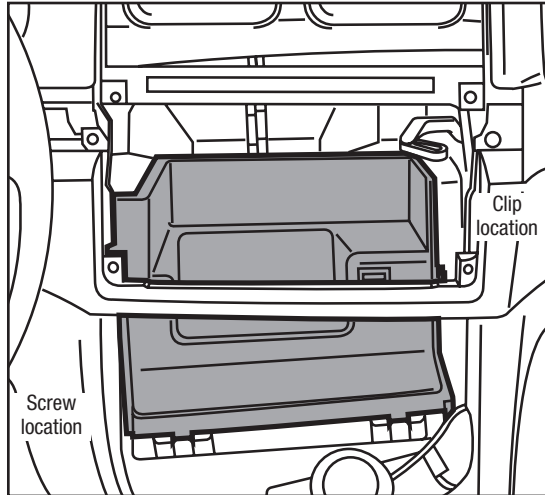
(Figure E)



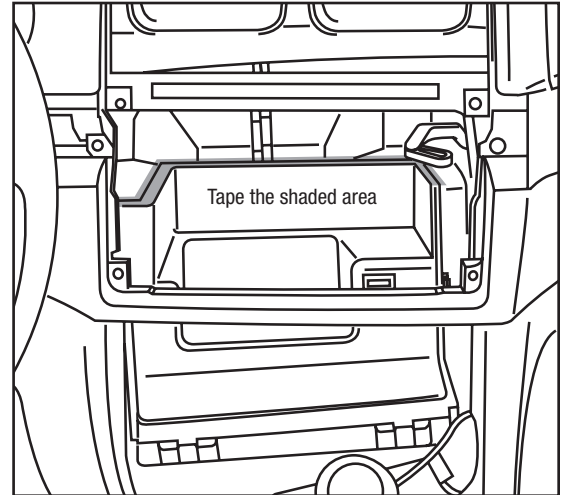
(Figure F)

Sub dash airbox modifications

7. Set the *air box cover* into place and secure the right side with the metal retaining clip removed in step 1. Secure the left side with the (1) #6 x 1/2" Phillips screw supplied. (Figure G)
8. We recommend using tape along the upper edge of the *air box cover* where the cut was made. Duct tape or A/C aluminum tape is suggested. (Figure H)
Continue to kit assembly



(Figure G)

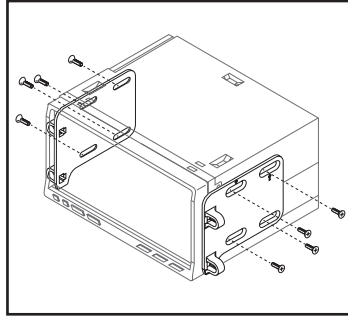


(Figure H)

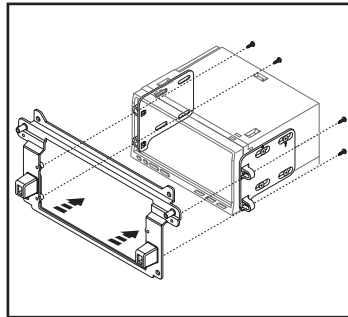
Kit Assembly

1. Attach the *radio brackets* to the radio using the screws supplied with the radio. (Figure A)
2. Attach the *back-up housing* to the radio/bracket assembly with the (4) #8 x 1/2" Phillips screws supplied. (Figure B)
3. Locate the factory wiring harness and antenna connector in the dash, and complete all necessary connections to the radio and climate control panel. Test the radio for proper operation.

Note: *After all testing has been performed, disconnect the climate control panel, relocate the harness to the lower switch panel area, and then proceed to the next step.*



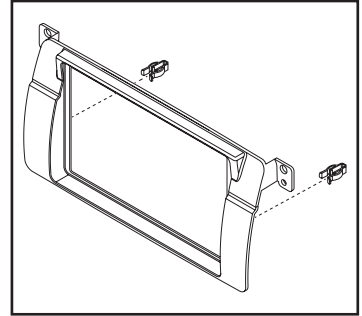
(Figure A)



(Figure B)

4. Secure the completed assembly into the radio/climate cavity using the (2) #8 x 3/8 inch screws supplied.
5. Secure the vent assembly to the vehicle using the (2) factory Phillips screws removed in step 10 of dash disassembly.
6. Attach (2) *panel clips* provided with the kit onto the *radio trim panel* (Figure C), and then attach the panel to the radio assembly. Secure the assembly to the vehicle using the (2) factory Phillips screws removed in step 3 of dash disassembly.

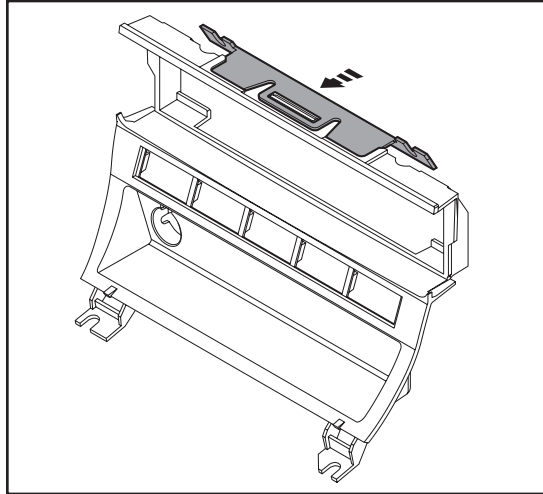
Continue to climate and switch panel assembly



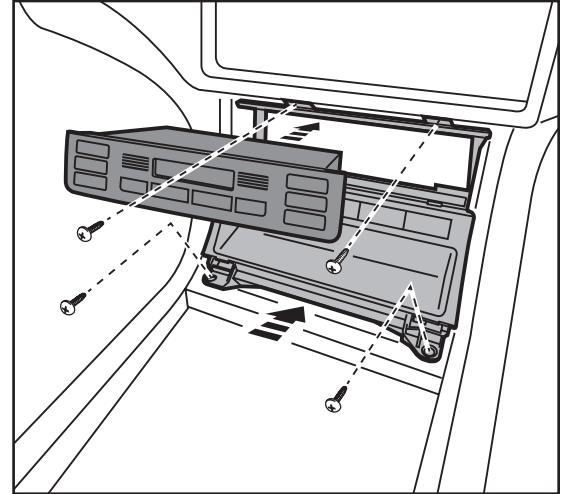
(Figure C)

Climate and switch panel assembly

1. Secure the *climate bracket* onto the top of the *climate and switch panel housing*. (Figure A)
2. Secure the *climate and switch panel housing* into the lower dash opening with the (4) factory screws removed in step 9 of dash disassembly. (Figure B)
3. Connect all electrical connectors to the climate control panel and then snap the panel into the housing. (Figure B)
4. Reassemble the dash in reverse order of disassembly.



(Figure A)



(Figure B)