



Radio Replacement Kit Fits Select Dodge Durango Models (With factory 4" screen) **2014-2020**

KIT FEATURES

- Retains factory climate control buttons and adds factory-style hard buttons with laser etched graphics to retain and control functions
- Built-in OLED screen displays the visual status of climate functions such as temperature, fan speed, and vent mode that were displayed on the factory screen
- Retains steering wheel functionality
- Painted to scratch-resistant matte black with chrome accents
- ISO DIN radio provision with pocket sold separately (88-00-9004)

KIT COMPONENTS

- A) Radio trim panel • B) OLED display and buttons • C) Radio brackets • D) Panel clip brackets (4) • E) Back panel • F) #4 x 3/8" Phillips screws (12)
- G) Panel clips (4) • H) Separate interface buttons: blanks (5) and with graphics (5) (not shown) • I) Interface, harnessing and antenna adapter (not shown)

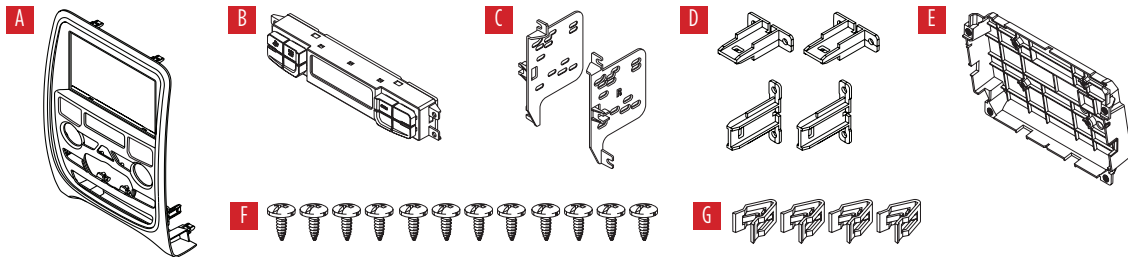


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WIRING & ANTENNA CONNECTIONS

Wiring Harness & Antenna Adapter: Included

TOOLS REQUIRED

- Panel removal tool • Phillips screwdriver
- Socket wrench

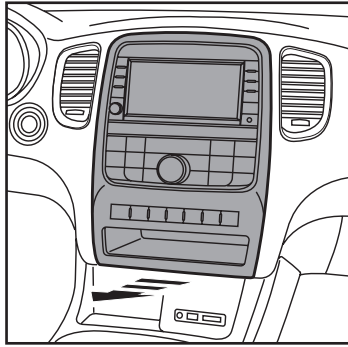
Visit MetraOnline.com for more detailed information about the product and up-to-date vehicle specific applications

ATTENTION: With the key out of the ignition, disconnect the negative battery terminal before installing this product. Ensure that all installation connections, especially the air bag indicator lights, are plugged in before reconnecting the battery or cycling the ignition to test this product. **NOTE:** Refer also to the instructions included with the aftermarket accessory before installing this device.

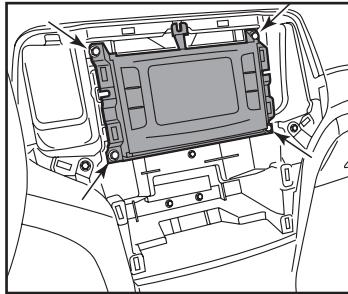
DASH DISASSEMBLY

Note: Before removing the factory radio, check for features such as heated seat, vented seat and heated steering wheel. Buttons have been included for vehicles with those options, and blank buttons have been included for vehicles without those options. See installation section of this manual for more information.

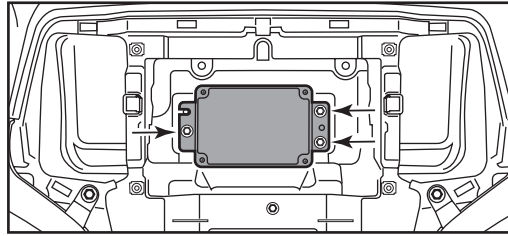
1. Using the panel removal tool, gently unclip, unplug, and remove the climate control panel. (Figure A)
2. Remove (4) 9/32" screws securing the radio/display screen, and then unplug and remove. (Figure B)
3. Remove (3) 5.5mm screws securing the black control module in the sub-dash, and then relocate lower to allow clearance for the aftermarket radio. (Figure C)



(Figure A)



(Figure B)

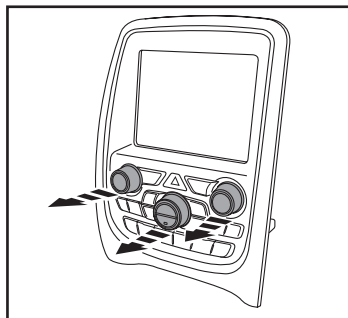


(Figure C)

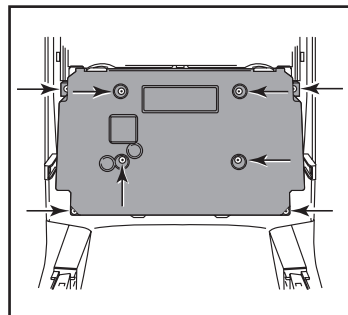
KIT PREPARATION

From the factory control panel:

1. Pull the three knobs from the front of the factory climate controls. They come apart in three pieces. An outer ring, a button and a rubber keypad or two. (Figure A)
2. Remove (8) T-8 torx screws from the back cover. (Figure B)



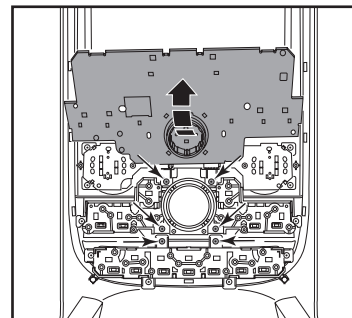
(Figure A)



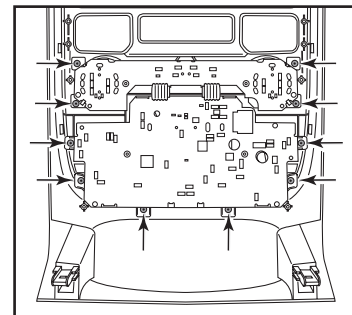
(Figure B)

3. Unclip and flip up the larger circuit board to expose and remove (6) Torx T-8 screws. (Figure C)
4. Remove 10 T-8 Torx screws from the outer edges of the circuit boards. (Figure C)
5. Remove the circuit boards, rubber keypads, and button assemblies.

Continued on the next page



(Figure C)



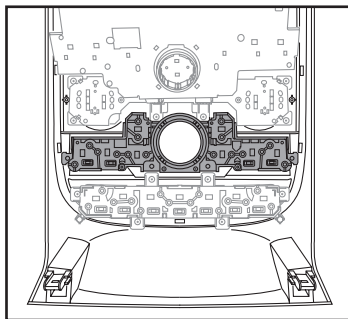
(Figure D)

KIT PREPARATION (CONT.)

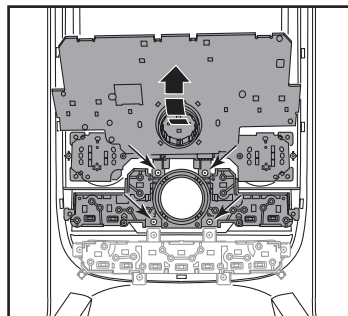
To the radio trim panel:

Place the circuit boards, rubber keypads, and button assemblies into the **radio trim panel** in the following sequence, using the factory hardware.

1. Place center circuit board into the **radio trim panel**. (Figure A)
2. Place the top circuit board into the **radio trim panel**. With the larger circuit board flipped up, secure the (4) middle T-8 screws in the center. (Figure B)



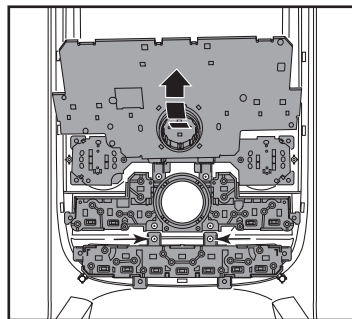
(Figure A)



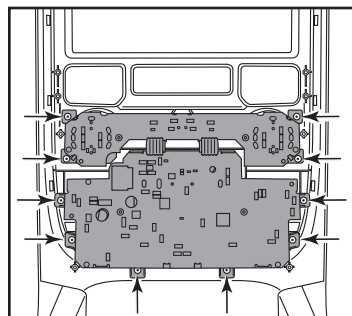
(Figure B)

3. Place the lower circuit board into the **radio trim panel**. Secure the (2) T-8 screws at the top of the circuit board (Figure C)
4. Rotate the larger circuit board down and clip into position, secure the (10) T-8 screws on the outer edges of the three circuit boards. (Figure D)

Continued on the next page



(Figure C)

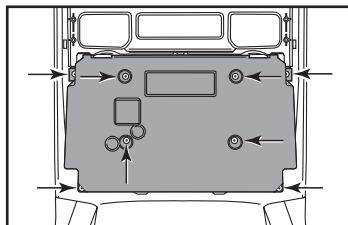


(Figure D)

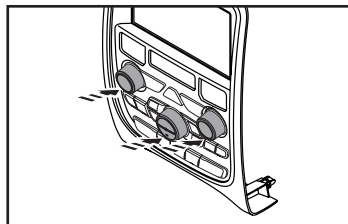
KIT PREPARATION (CONT.)

To the radio trim panel: cont.

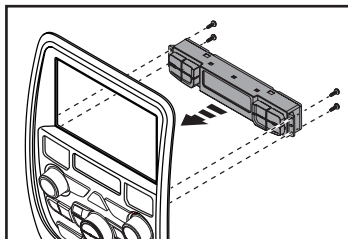
5. Secure the factory back panel with the remaining (8) T-8 screws. (Figure E)
6. Install the three knobs to the front of the factory climate controls. (Figure F)
7. Secure the **display and buttons** to the **radio trim panel** using (4) of the #4 x 3/8" Phillips screws provided. (Figure G)



(Figure E)



(Figure F)

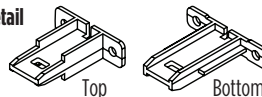


(Figure G)

8. Attach the **panel clip brackets** to the **radio trim panel** using (8) of the #4 x 3/8" Phillips screws provided. (Figure H)

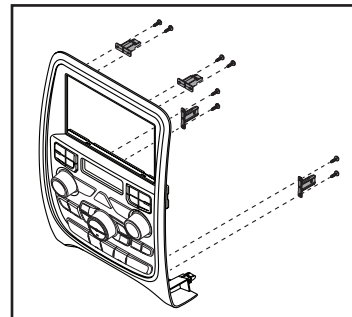
Note: There are two different size **panel clip brackets**. The smaller ones are used at the top of the panel and the larger are used at the bottom sides. (See detail)

Detail

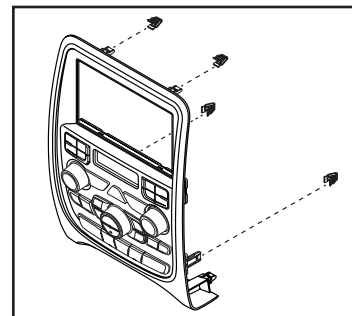


9. Install the **panel clips** to the **panel clip brackets**. (Figure I)

Continue to Dash Preparation



(Figure H)

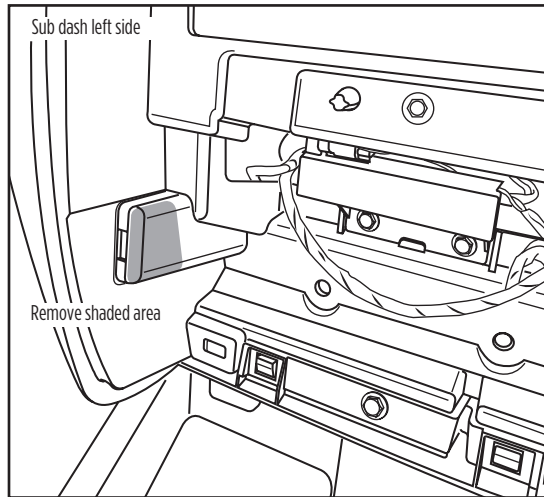


(Figure I)

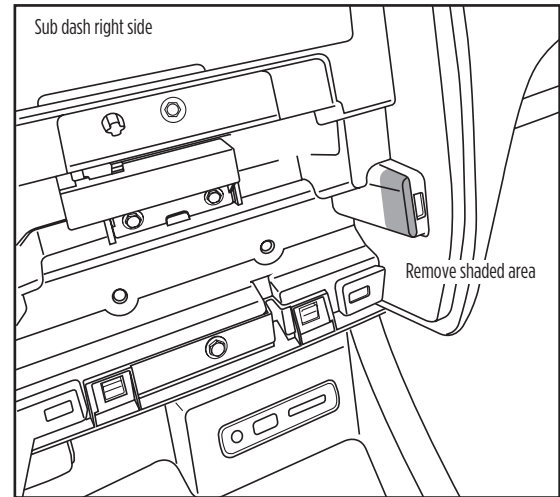
DASH PREPARATION

1. Make two small cuts in the sub dash near the bottom outside clip locations as shown. (Figures A and B)

Continue to Kit Assembly



(Figure A)

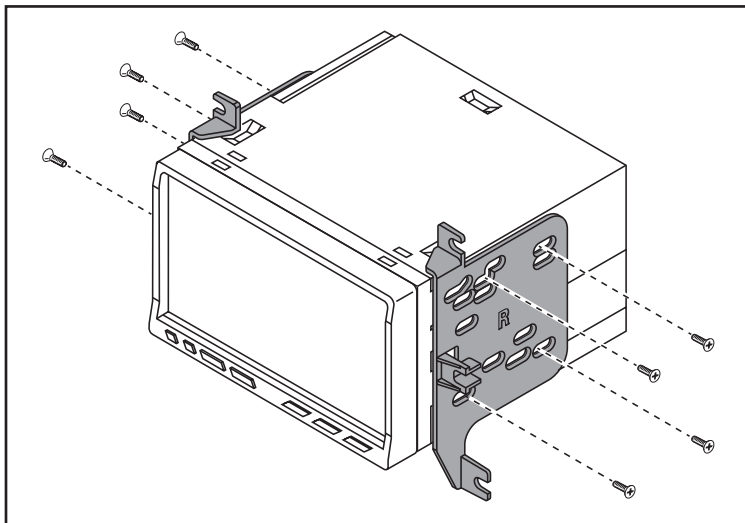


(Figure B)

KIT ASSEMBLY

1. Attach the **radio brackets** to the radio using screws supplied with the radio, and then secure into the dash opening. (Figure A)
2. Refer to AXCESS wiring section.

*Continue to Axxess
Interface Installation*



(Figure A)

AXXESS INTERFACE INSTALLATION

INTERFACE FEATURES

- Provides accessory power (12-volt 10-amp)
- Retains R.A.P. (retained accessory power)
- Provides illumination, parking brake, reverse, and speed sense outputs
- Retains audio controls on the steering wheel
- Allows retention and adjustment of the personalization options
- Retains safety chimes
- Retains the factory backup camera
- Retains the factory AUX-IN jack (base models only)
- Can be used in amplified or non-amplified models
- Retains balance and fade*
- Micro “B” USB updatable

** Non-amplified models only*

INTERFACE COMPONENTS

- Axxess interfaces
- Vehicle harness (LD-BX-CH5)
- 16-pin harness (LD-ZNAVAMP)
- Hazard harness (LD-DURTAC)
- 3.5mm adapter

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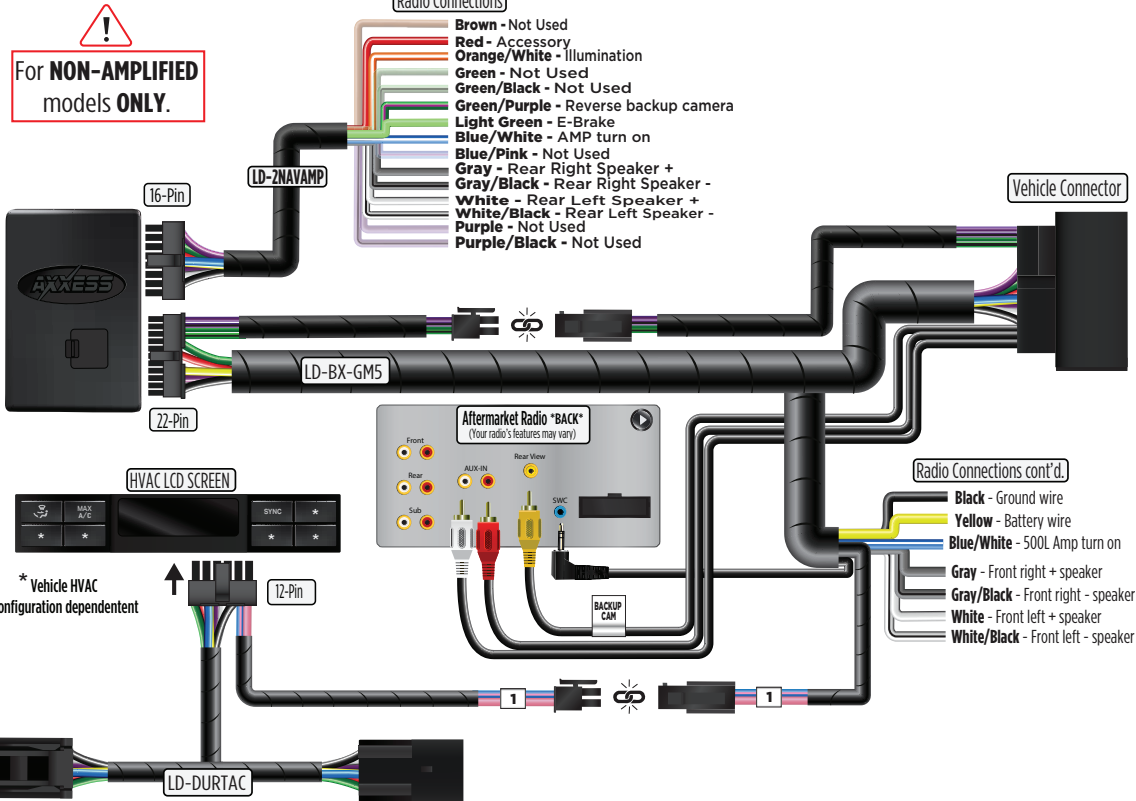
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TOOLS REQUIRED

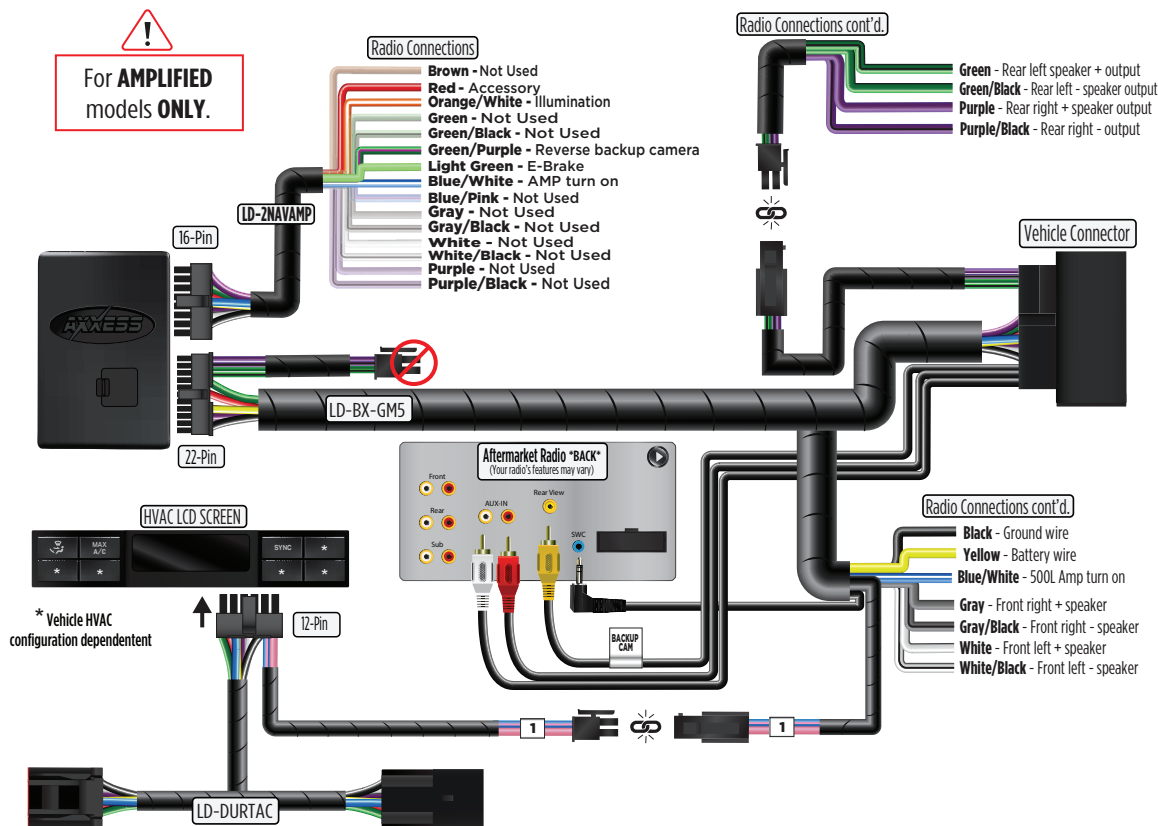
- Crimping tool and connectors, or solder gun, solder, and heat shrink
- Tape • Wire cutter • Zip ties

Attention! This interface will work with models that are either non-amplified, or amplified. Please follow the instructions carefully for your model vehicle. Failure to do so will result in either no sound, or low sound. If you are unsure if your vehicle is factory amplified or not, please contact your local dealership.

CONNECTIONS



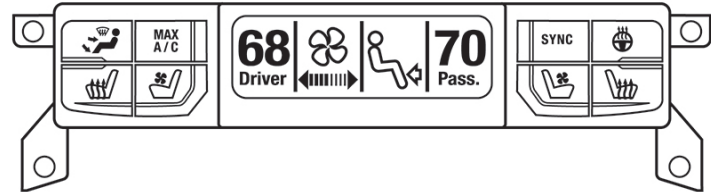
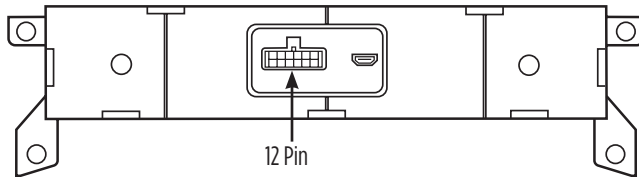
CONNECTIONS (CONT.)



INSTALLATION

With the vehicle completely off:

1. Connect 16-pin connector to interface
2. Connect 22-pin connector to interface
3. From the **vehicle** & **hazard** harnesses, connect the 2-pins (labeled :1) to each other.
4. Connect main harness to vehicle
5. Connect the 12-pin of the **hazard** to the HVAC LCD SCREEN
6. Locate the factory antenna connector in the dash and complete all necessary connections to the radio. Use the antenna adapter provided to adapt the factory antenna to the aftermarket radio.



Description of button Assignments



Direction of air flow

**MAX
A / C**

Max A/C



Driver enable/disable heated seat



Driver enable/disable cool seat



Enable/disable heated steering wheel

SYNC

Synchronization of temperatures to match driver's



Passenger enable/disable heated seat



Passenger enable/disable cool seat

Note: Heated seat, vented seat and heated steering wheel buttons have been included for vehicles with those options. Blank buttons have been included for vehicles without those options.

For the steps below, the LED located inside the interface can only be seen while active.























The interface does not need to be opened to see the LED





























































- Start the vehicle.
- Connect the vehicle harness to the wiring harness in the vehicle.
- The LED will initially turn on solid **Green**, then turn off for a few seconds while it auto detects the radio installed
- The LED will then flash **Red & Green** in different patterns (see chart) indicating which radio is connected to the interface, and then turn off for a couple of seconds. Pay close attention to the **RED & Green LED pattern**. This will help in troubleshooting, if need be. Refer to the **LED Feedback** section for more information.
- After a couple seconds the LED will turn on solid **Red** while the interface auto detects the vehicle. The radio will shut off at this point. This process should take 5 to 30 seconds.
- Once the vehicle has been auto detected by the interface, the LED will turn on solid **Green**, and the radio will come back on, indicating programming was successful.
- Test all functions of the installation for proper operation, before reassembling the dash.
If the interface fails to function, refer to **Resetting the Interface Functions** of this product.

Note: The LED will turn on solid **Green** for a moment, and then turn off under normal operation after the key has been cycled.

STEERING WHEEL CONTROL SETTINGS

LED Feedback: The **Red & Green LED** flashes represent different radio manufacturer for the **SWC interface** to detect. For example, if you are installing a **JVC** radio, the **SWC interface** will flash **Red** (1) time, then stop. Following is the **LED Feedback Legend**, which indicates the flash count of the radio manufacturer.

RADIO		LED PATTERN
Pioneer/Jensen	G	
JVC	R	
KENWOOD	GG	 
SONY/DUAL	GR	 
Reserved for future use	RG	 
ALPINE	RR	 
ALPINE (type 2)	GGG	  
AXXERA	GGR	  
AXXERA (type 2)	GRG	  
MAGNADYNE	GRR	  

RADIO		LED PATTERN
BOSS	RGG	  
Reserved for future use	RGR	  
CLARION (type 1)	RRG	  
CLARION (type 2)	RRR	  
Reserved for future use	GGGG	   
Reserved for future use	GGGR	   
Reserved for future use	GGRG	   
Reserved for future use	GGRR	   
Reserved for future use	GRGG	   
Reserved for future use	GRGR	   
Resistive Radio #1	GRRG	   
Resistive Radio #2	GRRR	   
Resistive Radio #3	RGGG	   
Resistive Radio #4	RGGR	   
Resistive Radio #5	RGRG	   
Resistive Radio #6	RGRR	   

- 1) If the LED pattern shows **JVC**, but a **JVC** radio isn't installed, change the radio type to Kenwood. Refer to the **Changing Radio Type** document.
- 2) If the LED pattern shows **Alpine**, but an **Alpine** radio isn't installed, make sure the 3.5mm jack is plugged into the radio.
- 3) If no SWC, change the radio type to the opposite radio type. Refer to the **Changing Radio Type** document.

Continued on the next page

STEERING WHEEL CONTROL SETTINGS (CONT.)

Attention: The **Axxess Updater App** can also be used to program the following (3) sub-sections as well, after the interface has been initialized and programmed.

Changing Radio Type

1. If the LED flashes do not match the radio you have connected, you must manually program the **steering wheel control portion of this product** to tell it what radio it is connected to.
2. Three (3) seconds after turning the key on, press and hold the **Volume-Down** button on the steering wheel until the LED in the interface turns a solid green.
3. Release the Volume-Down button; the LED will go out indicating we are now in **Changing Radio Type** mode.
4. Refer to the **Radio Legend** to know how many flashes are required to reach the after-market radio.
5. Press and hold the **Volume-Up** button until the LED goes solid, and then release. Repeat this step for the desired radio number you have selected.
6. Once the desired radio number has been selected, press and hold the **Volume-Down** button on the steering wheel until the LED goes solid. The LED will remain on for about (3) seconds while it stores the new radio information.
7. Once the LED goes off, the **Changing Radio Type** mode will then end. You can now test the steering control wheel controls.

Note: If at any time the user fails to press any button for a period longer than (10) seconds, this process will abort.

Note: Refer to **LED Feedback Legend** for number of flashes, and for more information regarding specific radios.

Flash Count Radio Legend		
1 Pioneer/Jensen	10 MAGNADYNE	19 Reserved
2 JVC	11 BOSS	20 Reserved
3 KENWOOD	12 Reserved	21 Resistive Radio #1
4 SONY/DUAL	13 CLARION (type 1)	22 Resistive Radio #2
5 Reserved	14 CLARION (type 2)	23 Resistive Radio #3
6 ALPINE	15 Reserved	24 Resistive Radio #4
7 ALPINE (type 2)	16 Reserved	25 Resistive Radio #5
8 AXXERA	17 Reserved	26 Resistive Radio #6
9 AXXERA (type 2)	18 Reserved	

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STEERING WHEEL CONTROL SETTINGS (CONT.)

Remapping the steering wheel control buttons

Let's say you have **steering wheel control portion of this product** initialized and you want to change the button assignment for the steering wheel controls. For example, you would like "Seek-Up" to be "Mute". Follow the steps below to remap the steering wheel control buttons:

1. Ensure the interface is visible so you can see the LED flashes to confirm button recognition.

Tip: Turning the radio off is recommended.

2. Within the first 20 seconds of turning the ignition on, press and hold the "Volume-Up" button on the steering wheel until the LED goes solid.
3. Release "Volume-Up", the LED will then go out; "Volume-Up" has now been programmed.
4. Follow the list in the **Button Assignment Legend**, to reference the order in which the steering wheel control buttons need to be programmed.

Note: If the next function on the list is not on the steering wheel, press the Volume-Up button for (1) second until the LED comes on, and then release the Volume-Up button. This will tell the 6560 interface that this function is not available and it will move on to the next function.

5. To complete the remapping process, press and hold the Volume-Up button on the steering wheel until the LED in the 6560 goes out.

Button Assignment Legend

1. Volume-Up	5. Source/Mode	10. Band	14. Off-Hook
2. Volume-Down	6. Mute	11. Play/Enter	15. Fan-Up *
3. Seek-Up/Next	7. Preset-Up	12. PTT (Push to Talk)	16. Fan-Down *
4. Seek-Down/Prev	8. Preset-Down	13. On-Hook	17. Temp-Up *
	9. Power		18. Temp-Down *

Note: Not all radios will have all of these commands. Please refer to the manual provided with the radio, or contact the radio manufacturer for specific commands recognized by that particular radio.

Continued on the next page

Remapping the steering wheel control buttons

Let's say you have **steering wheel control portion of this product** initialized and you want to change the button assignment for the steering wheel controls. For example, you would like "Seek-Up" to be "Mute". Follow the steps below to remap the steering wheel control buttons:

1. Ensure the AX-CH5-SWC is visible so you can see the LED flashes to confirm button recognition.
Tip: Turning the radio off is recommended.
2. Within the first 20 seconds of turning the ignition on, press and hold the "Volume-Up" button on the steering wheel until the LED goes solid.
3. Release "Volume-Up", the LED will then go out; "Volume-Up" has now been programmed.
4. Follow the list in the **Button Assignment Legend**, to reference the order in which the steering wheel control buttons need to be programmed.

Note: If the next function on the list is not on the steering wheel, press the Volume-Up button for (1) second until the LED comes on, and then release the Volume-Up button. This will tell the 6559 interface that this function is not available and it will move on to the next function.

5. To complete the remapping process, press and hold the Volume-Up button on the steering wheel until the LED in the 6559 goes out.

Button Assignment Legend

1. Volume-Up	6. Mute	11. Play/Enter	16. Fan-Down *
2. Volume-Down	7. Preset-Up	12. PTT (Push to Talk)	17. Temp-Up *
3. Seek-Up/Next	8. Preset-Down	13. On-Hook	18. Temp-Down *
4. Seek-Down/Prev	9. Power	14. Off-Hook	
5. Source/Mode	10. Band	15. Fan-Up *	

Note: Not all radios will have all of these commands. Please refer to the manual provided with the radio, or contact the radio manufacturer for specific commands recognized by that particular radio.

Continued on the next page

STEERING WHEEL CONTROL SETTINGS (CONT.)

Dual assignment instructions (long button press)

The **steering wheel control portion of this product** has the capability to assign (2) functions to a single button, except Volume-Up and Volume-Down. Follow the steps below to program the button(s) to your liking.

Note: Seek-Up and Seek-Down come pre-programmed as Preset-Up and Preset-Down for a long button press.

1. Turn on the ignition but do not start the vehicle.
2. Press and hold down the steering wheel control button that you want to assign a long press function to for about (10) seconds, or until the LED flashes rapidly. At this point release the button; the LED will then go solid.
3. Press and release the Volume-Up button the number of times corresponding to the new button number selected. Refer to the **Dual Assignment Legend**. The LED will flash rapidly while the Volume-Up button is being pressed, and then go back to a solid LED once released. Go to the next step once the Volume-Up button has been pressed the desired number of times.

Caution: If more than (10) seconds elapses between pressing the Volume-Up button, this procedure will abort, and the LED will go out.
4. To store the long press button in memory, press the button that you assigned a long press button to (the button held down in Step 2). The LED will now go off indicating the new information has been stored.

Note: These steps must be repeated for each button you would like to assign a dual purpose feature to. To reset a button back to its default state, repeat Step 1, and then press the Volume-Down button. The LED will go out, and the long press mapping for that button will be erased.

Dual Assignment Legend

- | | | | |
|-------------------|----------------|----------------|-----------------|
| 1. Not allowed | 6. ATT/Mute | 11. Play/Enter | 16. Fan-Down * |
| 2. Not allowed | 7. Preset-Up | 12. PTT | 17. Temp-Up * |
| 3. Seek-Up/Next | 8. Preset-Down | 13. On-Hook | 18. Temp-Down * |
| 4. Seek-Down/Prev | 9. Power | 14. Off-Hook | |
| 5. Mode/Source | 10. Band | 15. Fan-Up * | |

* Not applicable in this application

FACTORY CONTROL PANEL BUTTON FUNCTIONS

Factory Control panel will vary from vehicles (refer to images provided)

Note: Some factory controls are retained (ex. Audio and HVAC can be controlled from factory panel with our 95-6559 installed) the following buttons will not work or will perform a different action.

Buttons not working or have a different assignment

- Screen OFF : NA
- BACK : EXITS PREVIOUS SCREEN FROM VEHICLE OPTIONS SECTION
- Right Rotary Knob: will change to previous track or cycle through stations. (When button is pressed as “Enter” you will be able to cycle through the Vehicle options that were equipped with, by turning the knob and then pressing the enter once option is reached. Turn knob to make change on option(refer to owner’s manual for setting and selectable options)



4.0 NAV with Automatic Temperature Control

TROUBLESHOOTING

Resetting the interface

1. The Blue reset button is located inside the interface, between the two connectors. The button is accessible outside the interface, no need to open the interface.
2. Press and hold the reset button for two seconds, and then let go to reset the interface.
3. Refer to **“Programming the Interface”** from this point.

Redirecting Vehicle Options (Vehicle Options may vary, refer to vehicle's owner's manual for vehicle options that came equipped with vehicle) on the HVAC LCD.

1. With vehicle running (On Position/Ignition On)
2. Change to vent mode.



95-6559B
INSTALLATION INSTRUCTIONS



Having difficulties? We're here to help.



Contact our Tech Support line at:

386-257-1187



Or via email at:

techsupport@metra-autosound.com

Tech Support Hours (Eastern Standard Time)

Monday - Friday: 9:00 AM - 7:00 PM

Saturday: 10:00 AM - 5:00 PM

Sunday: 10:00 AM - 4:00 PM



**Metra recommends MECP
certified technicians**