

# INSTALLATION / USER MANUAL



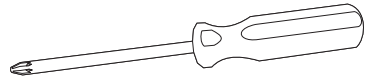
## Tools Needed

Use the following tools to make dismantling the car and the installation of the new facia easier

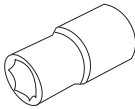
### 1. Panel Remover



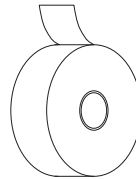
### 2. Phillips Head Screwdriver



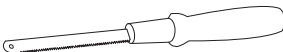
### 3. 7mm socket



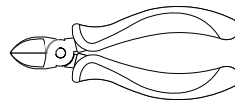
### 4. Electrical Tape



### 5. Cutting Tool (Hacksaw)



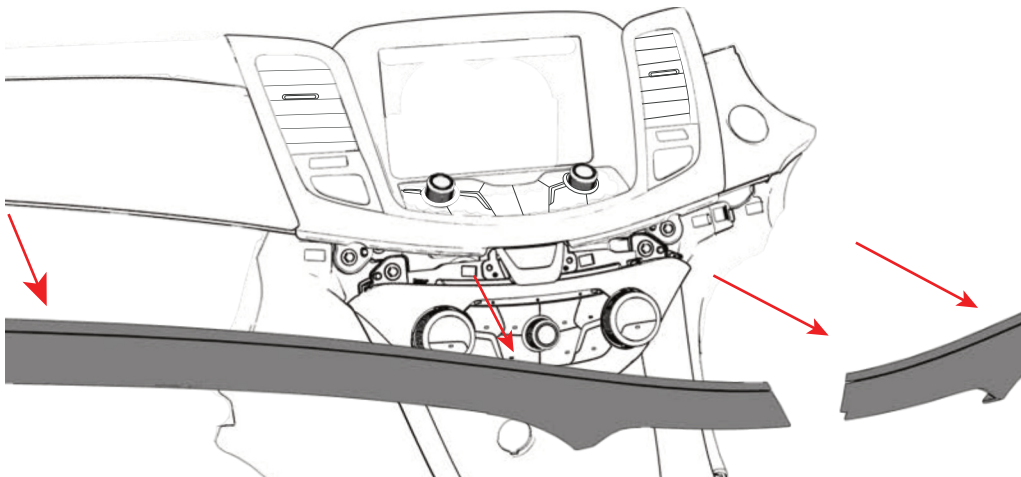
### 6. Side Cutters



## Dash Disassembly

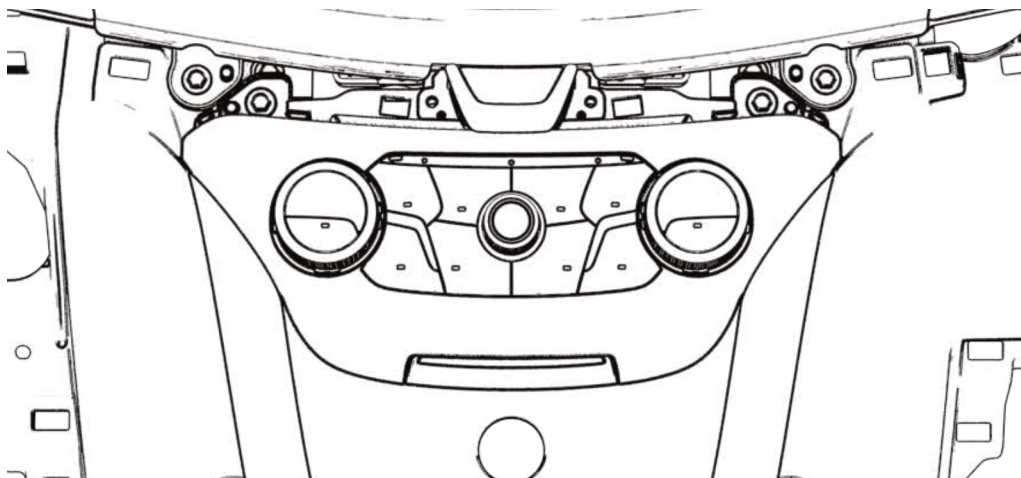
### Remove Left and Right side dash trims

Insert a panel remover and lever towards you



### Remove Left and Right side dash trims

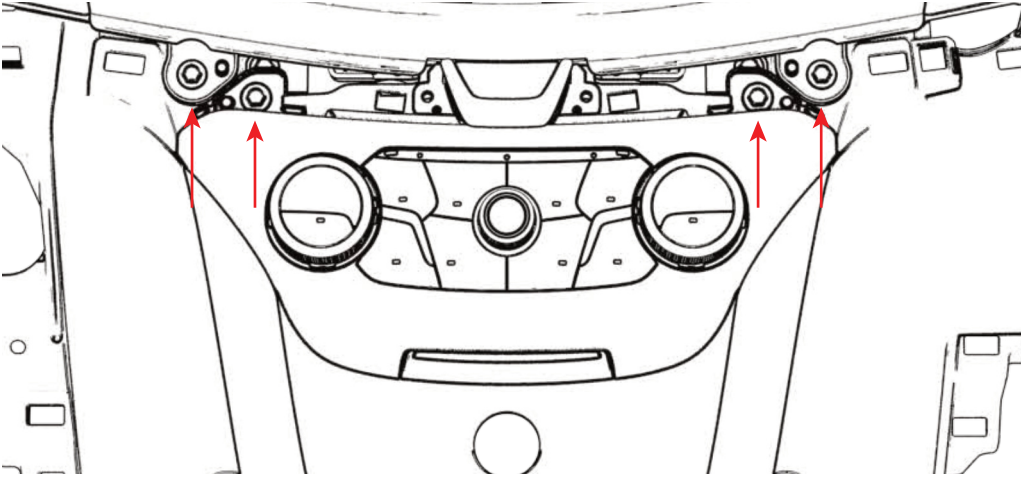
Place trim aside safely until trim reassembly



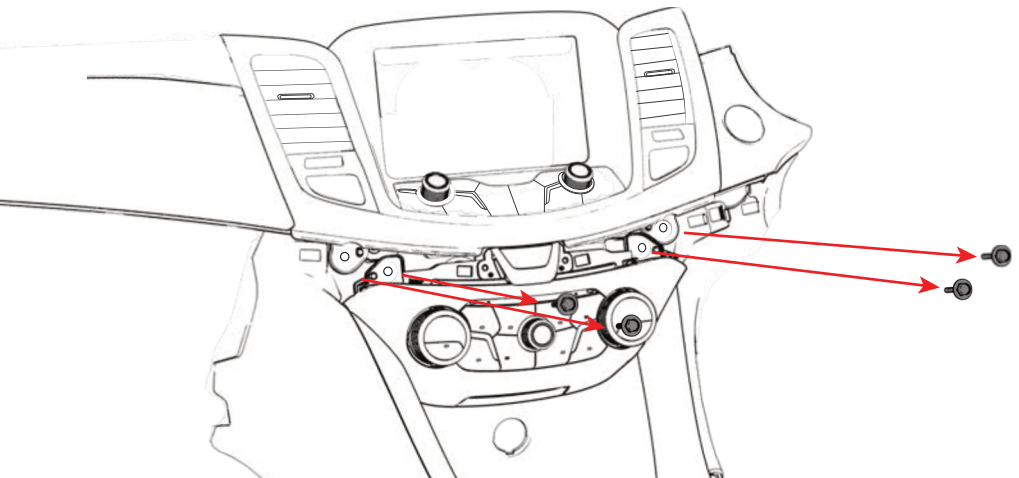
## Dash Disassembly

### Remove 4 x 7mm Bolts

Remove the 4 bolts holding in the Top monitor assembly and the HVAC assembly



### Remove 4 x 7mm Bolts

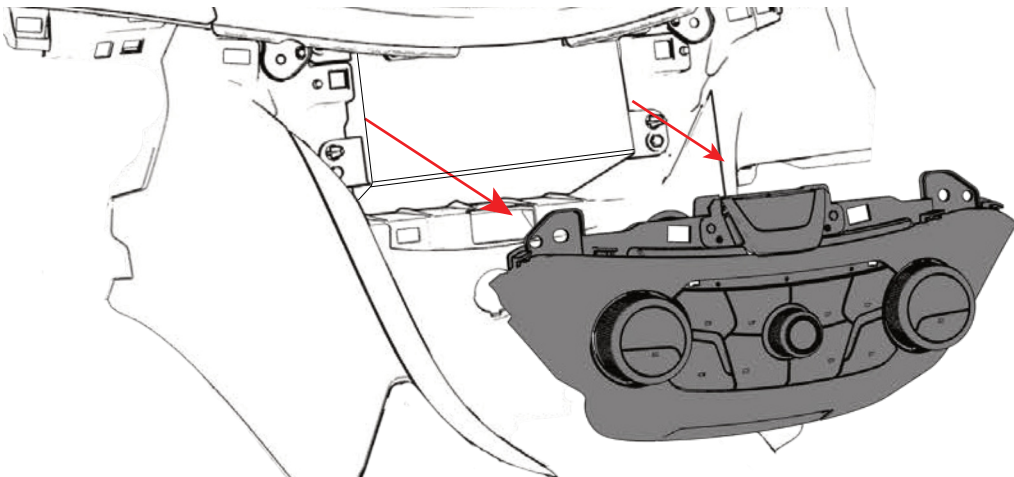


## Dash Disassembly

### Remove HVAC controls assembly

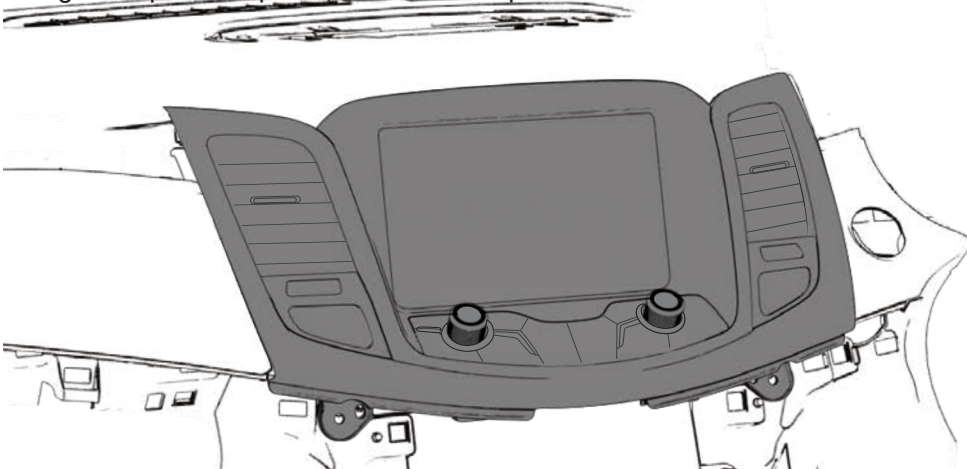
Pull the HVAC directly out towards you until it unclips.

Place aside safely until trim reassembly



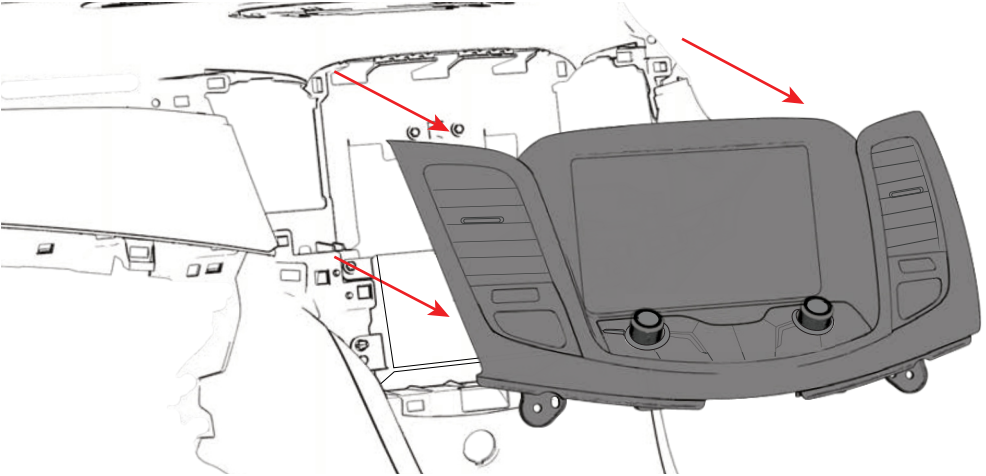
### Remove Top monitor assembly

Just like the HVAC assembly, the monitor assembly is held in by clips, located along the top. Use a panel remover to help remove this trim



## Dash Disassembly

### Remove Top monitor assembly



### Remove Radio Main Unit

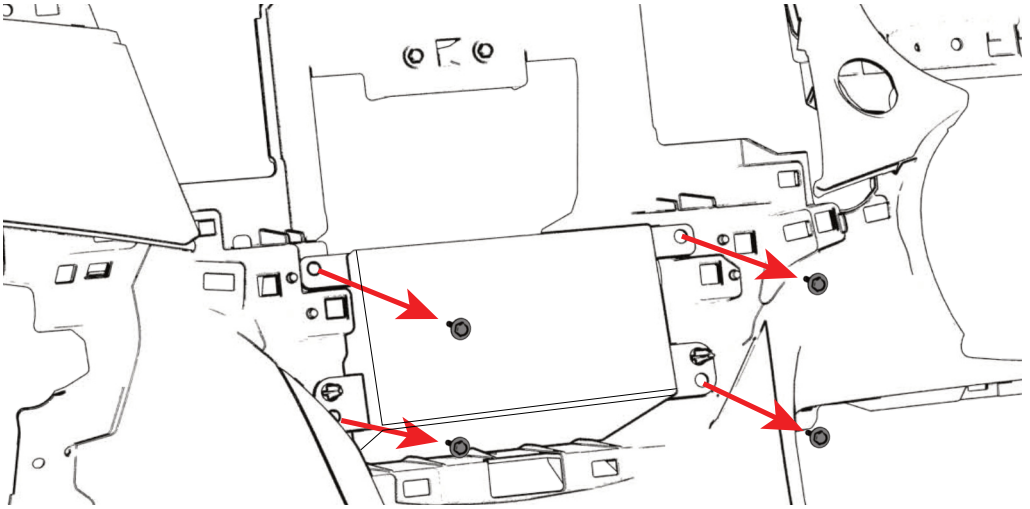
When removing the main unit it is important to note that the mounting tabs can easily scratch the 2 bottom side trims. Remove or tape these for protection



## Dash Disassembly

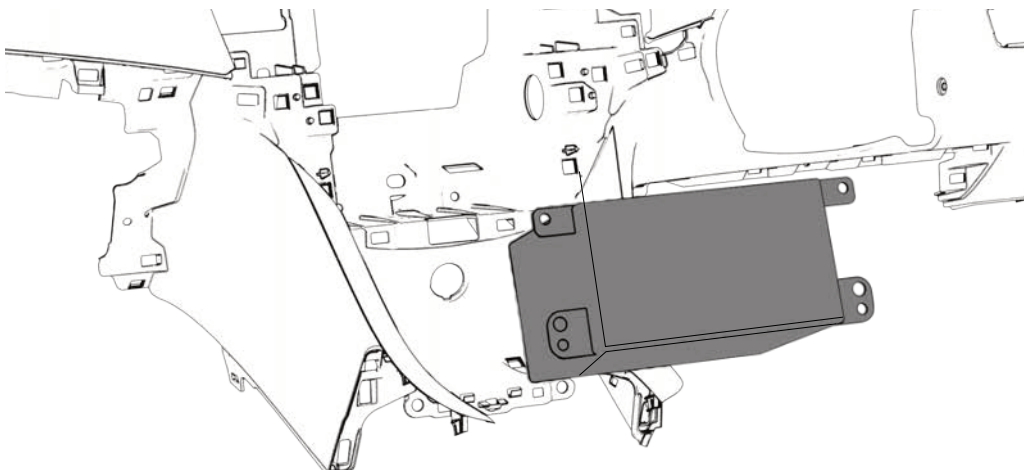
### Remove Radio Main Unit

Remove the 4 x 7mm bolts holding in the Main Unit



### Remove Radio Main Unit

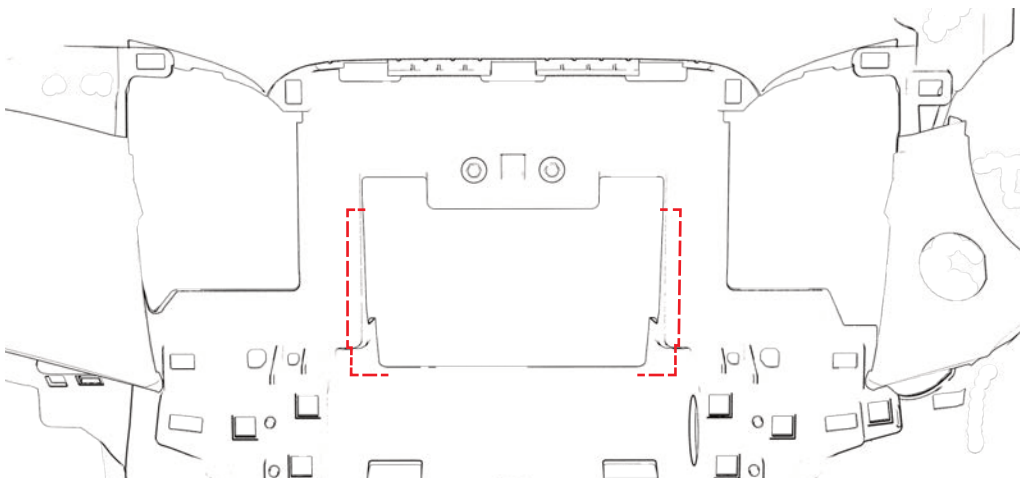
Unplug all connectors from the rear of the Main Unit and remove from car



## Kit Assembly

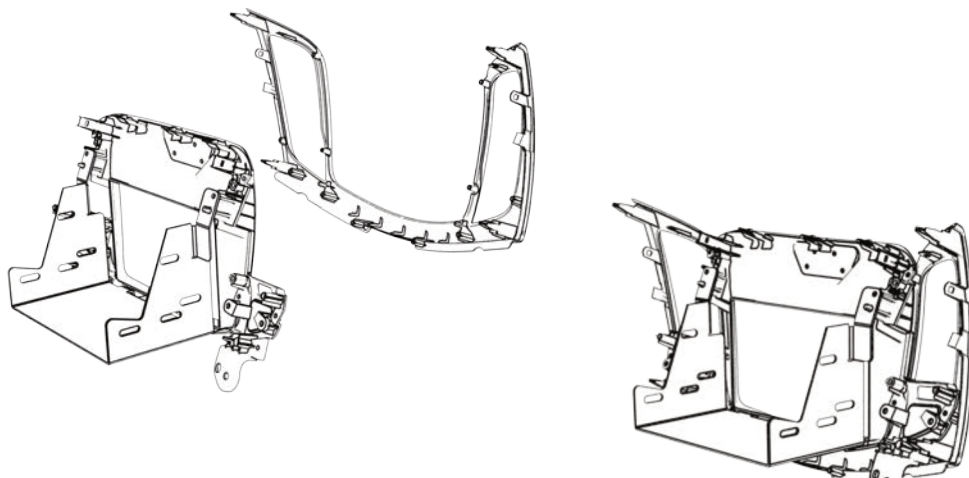
### Prepare for the aftermarket stereo installation

To Install an aftermarket stereo to the vehicle, some modifications need to be made to the dash cavity



### Prepare for the aftermarket stereo installation

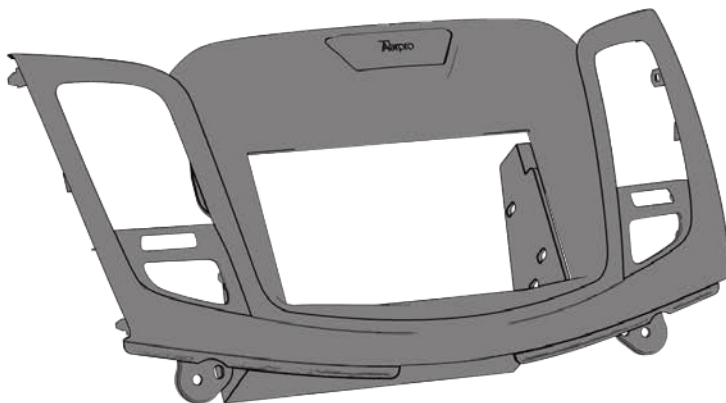
Separate the Vents and Vent trim from the Screen trim and mount them to your new FP9353 trim using the same screws. \*TIP\* Leave vents off until later



## Dash Adjustment

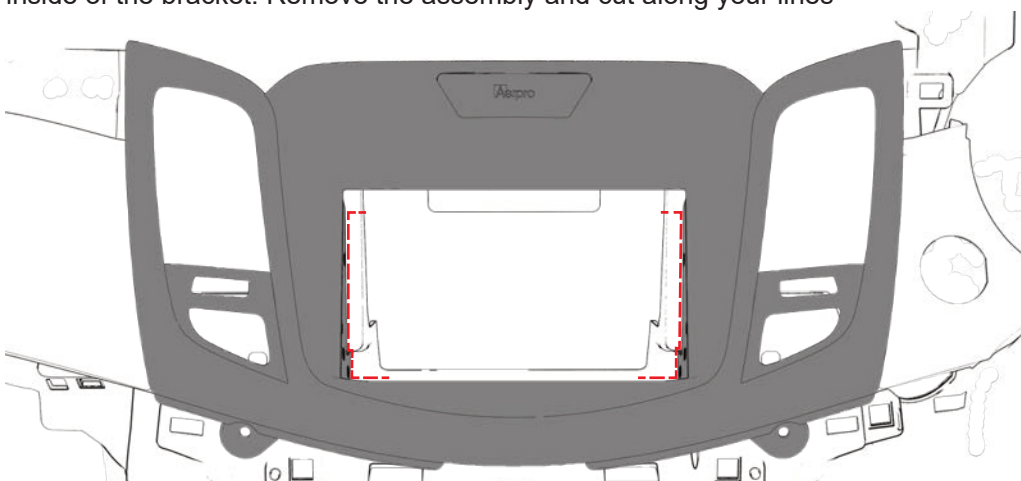
### Prepare for the aftermarket stereo installation

Once the trims are mounted together, mount the assembly into the vehicle. The brackets have been designed to act as a guide for trimming the dash



### Prepare for the aftermarket stereo installation

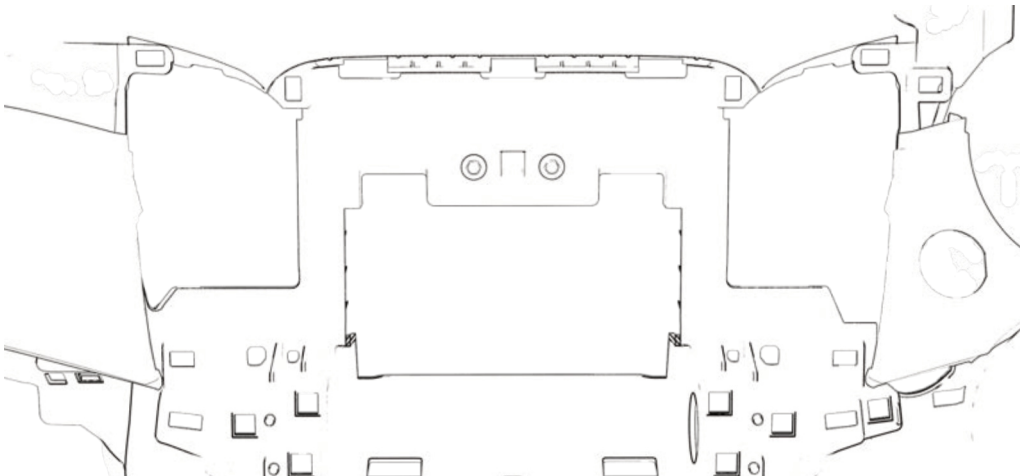
With the assembly in the vehicle, use a whiteout pen or scribe to mark along the inside of the bracket. Remove the assembly and cut along your lines



## Kit Installation

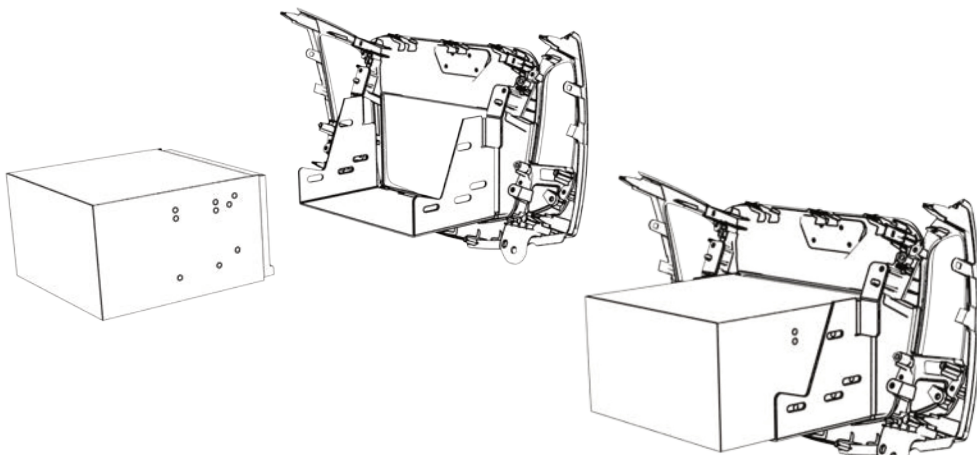
### Prepare for the aftermarket stereo installation

With the dash trimmed for the aftermarket head unit, you can now assemble the kit and head unit completely



### Mount the aftermarket headunit

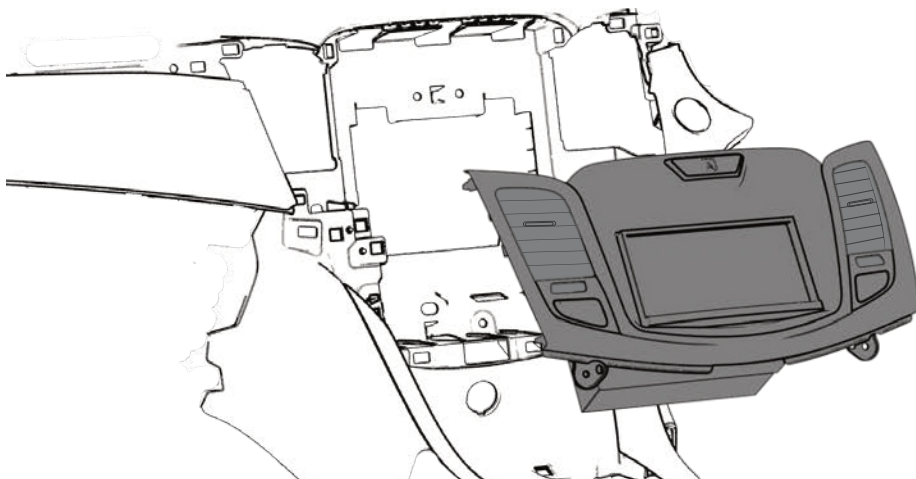
Mount the headunit to the kit as well as the vents (if you have not done so already)



## Kit Installation

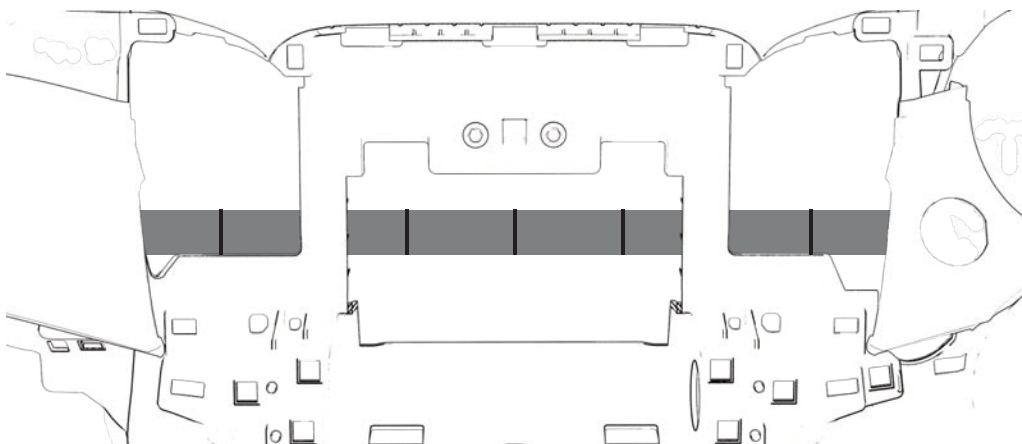
### Connect harnesses

Once the kit is assembled with the new Headunit, connect all relevant harnesses to the vehicle and to headunit



### Mount assembly to vehicle

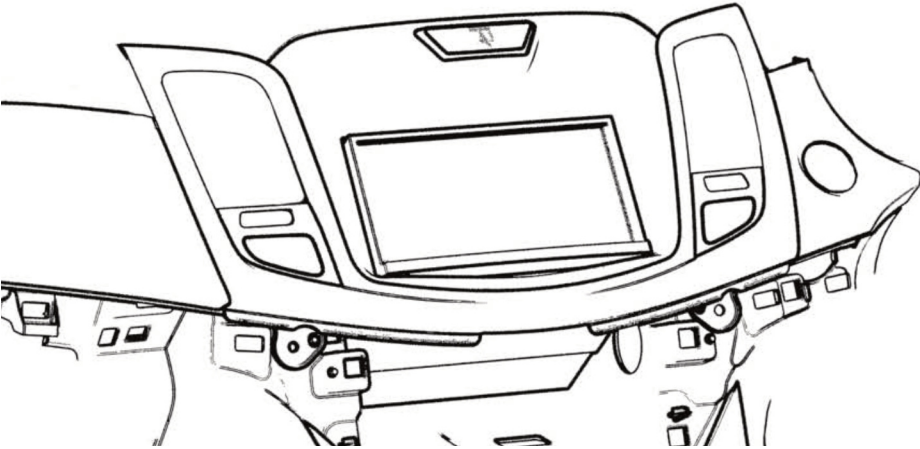
When installing the assembly into the vehicle, please be aware that you may have an issue with the vehicle loom obstructing the headunit



## Kit Installation

### Mount assembly to vehicle

Once the kit is mounted to the vehicle and everything is functioning as intended, begin the process of re-assembling the vehicle to finish the installation



### Headunit Test

Before re-assembling the dash, turn vehicle on to ensure the headunit and infodapter are all working as intended

## Wiring Key

### ISO CONNECTOR WIRING KEY

**Purple** Right Rear Speaker +  
**Purple/Black** Right Rear Speaker -  
**Green** Left Rear Speaker +  
**Green/Black** Left Rear Speaker -

**Grey** Right Front Speaker +  
**Grey/Black** Right Front Speaker -  
**White** Left Front Speaker +  
**White/Black** Left Front Speaker -

**Yellow** Permanent 12V  
**Black** Ground  
**Red** Ignition 12V  
**Orange** Illuminator

### FLYING WIRE

### WIRING KEY

### OUTPUTS & RATINGS

**Pink** Speed Pulse - 0 to 12V  
Square Wave @ 1Hz/Kph  
**Green** Park Brake 200mA

**Purple/White** Reverse Gear - 250mA  
**Orange** Illumination - 250mA

**Blue** Amplifier Turn-on  
**Yellow RCA** Camera

Standby Current <3mA

Operating Voltage 6V to 16V

Operating Temperature -20C to 85C  
\*rated at 25 degrees Centigrade

## Dipswitch Configuration

| MANUFACTURER         | SYSTEM  | DIPSWITCH CONFIGURATION |     |     |     | CONNECTION           |
|----------------------|---------|-------------------------|-----|-----|-----|----------------------|
|                      |         | 1                       | 2   | 3   | 4   |                      |
| RESERVED             | NA      | OFF                     | OFF | OFF | OFF | SOFTWARE UPDATE MODE |
| AERPRO               | Analog  | OFF                     | OFF | ON  | ON  | MALE 3.5MM JACK      |
| ALPINE               | IR DATA | OFF                     | ON  | OFF | OFF | MALE 3.5MM JACK      |
| ANALOG SINGLE EXTEND | Analog  | ON                      | ON  | ON  | ON  | BROWN SWC IR         |
| ANALOG SINGLE WIRE   | Analog  | ON                      | ON  | ON  | OFF | BROWN SWC IR         |
| CLARION              | IR DATA | ON                      | OFF | OFF | ON  | MALE 3.5MM JACK      |
| CUSTOM               | IR DATA | ON                      | OFF | ON  | OFF | HEAD UNIT DEPENDANT  |
| GRUNDIG              | IR DATA | OFF                     | ON  | OFF | ON  | BROWN SWC IR         |
| JVC                  | IR DATA | OFF                     | OFF | ON  | OFF | BROWN SWC IR         |
| KENWOOD 1            | IR DATA | ON                      | OFF | OFF | OFF | BROWN SWC IR         |
| KENWOOD 2            | IR DATA | ON                      | ON  | OFF | OFF | BROWN SWC IR         |
| KEY 1 / KEY 2        | Analog  | OFF                     | ON  | ON  | OFF | KEY1 / KEY 2 WIRES   |
| KEY 1 / KEY 2 EXTEND | Analog  | OFF                     | ON  | ON  | ON  | KEY1 / KEY 2 WIRES   |
| PHILIPS              | IR DATA | OFF                     | ON  | OFF | ON  | BROWN SWC IR         |
| PIONEER 1            | Analog  | OFF                     | OFF | OFF | ON  | MALE 3.5MM JACK      |
| PIONEER 2            | Analog  | OFF                     | OFF | ON  | ON  | MALE 3.5MM JACK      |
| SONY                 | Analog  | ON                      | OFF | ON  | ON  | MALE 3.5MM JACK      |
| ZENEC                | IR DATA | ON                      | ON  | OFF | ON  | BROWN SWC IR         |

### DIPSWITCH 5 to 8

Dipswitch 5 to 8 are reserved for vehicle specific configuration.

|                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>KEY1 and KEY2</b>                                    | KEY1 and KEY2 are specifically tailored for analog learning mode-style radios. Our SWC module is designed with a resistor chain that precisely matches the required resistance for seamless compatibility with this type of head unit.                                                                                                                                                                                                                                                                                              |
| <b>KEY1 and KEY2 EXTEND</b>                             | This mode extends every button press to 2 seconds during the learning process. However, with roll-y wheel-designed steering wheel buttons, holding for 2 seconds isn't feasible. Our KEY1 and KEY2 extend feature addresses this by automatically prolonging each press, simplifying head unit programming even in such scenarios. Extend mode is not intended for normal use, it is only used in the teaching process.                                                                                                             |
| <b>ANALOG SINGLE WIRE and ANALOG SINGLE WIRE EXTEND</b> | This function operates similarly to KEY1 and KEY2 but transmits all unique values through the IR SWC single wire. This is crucial for compatibility with learning-style head units featuring only one learning input wire. To ensure compatibility, we've incorporated this feature into our steering wheel control interface, ensuring seamless operation across various head unit setups.<br>The Analog Extend mode functions identically to its counterpart within the KEY1 and KEY2 system but transmits through a single wire. |

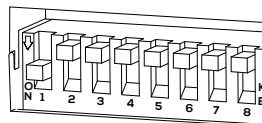
## Connection Guide

### BEFORE INSTALLATION

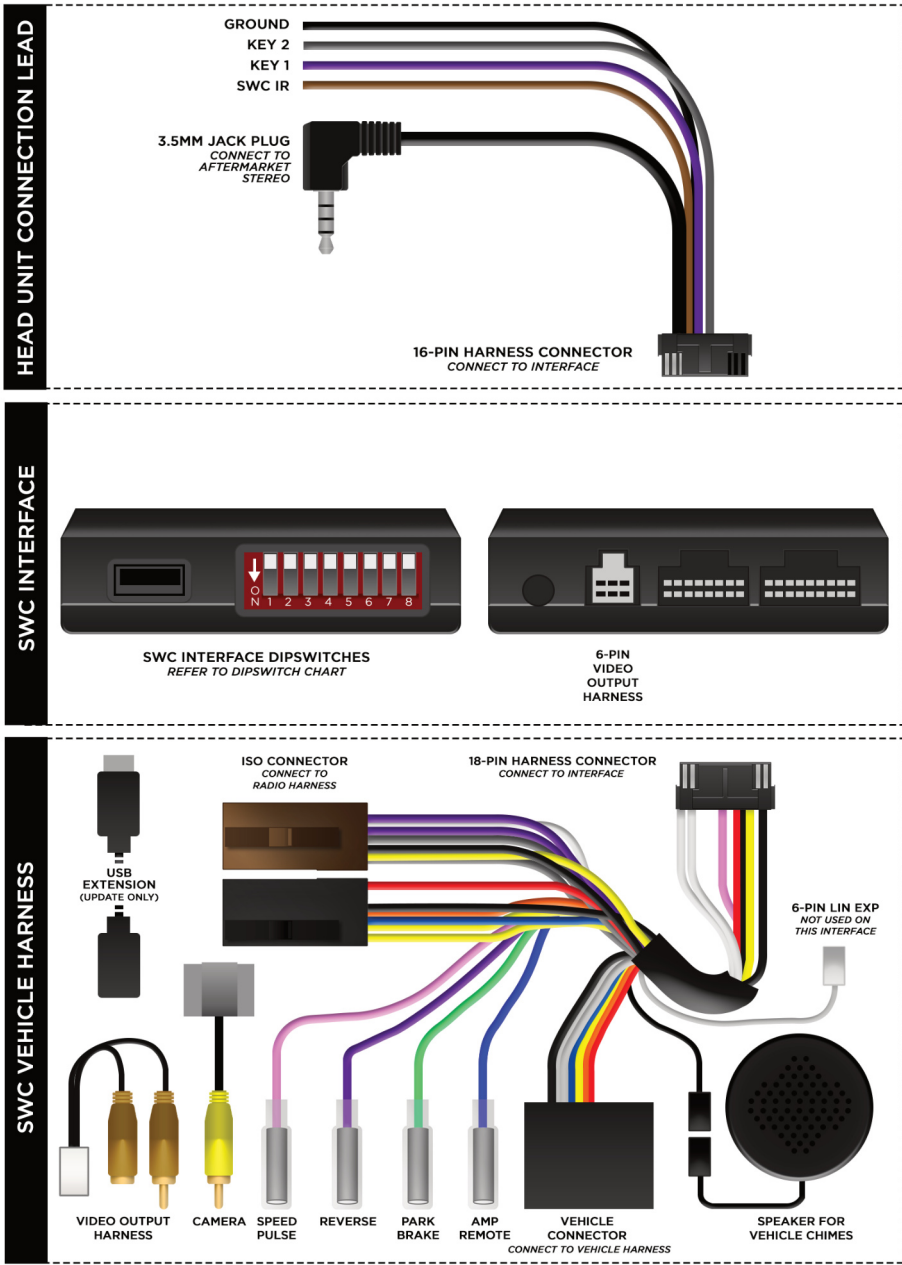
Prior to installing the interface, it is essential to remove and disconnect the factory stereo. For guidance on this process, please refer to the vehicle owner's manual/handbook or seek assistance from a professional.

### SETTING THE DIPSWITCHES

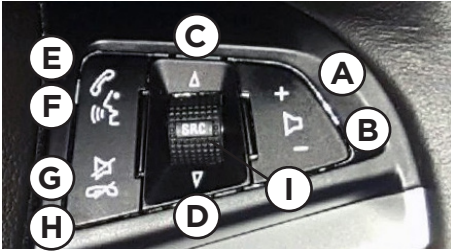
This interface includes a set of dipswitches. Consult the dipswitch selection guide to select the appropriate configuration. To activate a dipswitch, press it downward into the 'ON' position. Refer to the diagram for an example of the 'KENWOOD' dipswitch configuration.



Interface Connections



## Steering Wheel Controls



The provided diagram, while meticulously researched, serves as an example only. Actual steering wheel control configurations may vary dependant on each vehicle.

- |                      |                                |                               |
|----------------------|--------------------------------|-------------------------------|
| <b>A</b> Volume Up   | <b>D</b> Track Down            | <b>G</b> Hang Up (Long Press) |
| <b>B</b> Volume Down | <b>E</b> Voice (Long Press)    | <b>H</b> Mute (Short Press)   |
| <b>C</b> Track Up    | <b>F</b> Pick Up (Short Press) | <b>I</b> Source               |

### MENU NAVIGATION

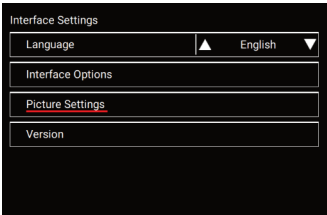
To access the menu, press and hold **D (Track Down)** button. This will open the menu.

Use **A** and **B (Vol Up/Down)** buttons to navigate through the menu options. To select an option, press **D (Track Down)** button, and press **C (Track Up)** to go back.

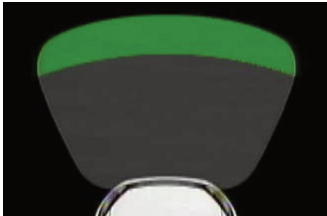
**SWC Configuration:** On first installation, steering wheel controls may operate incorrectly. To switch SWC mode, press the Track Down button 5 times quickly. The interface will then change to the correct configuration.

## INTERFACE SETTINGS, & PARK ASSIST

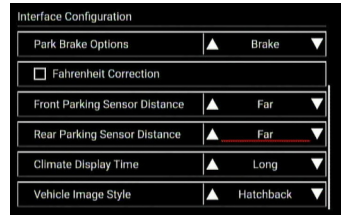
**Vehicle Settings Menu** – Access the same vehicle settings and configuration menus available on the original OEM display.



**Interface Settings** Select language. Supports English, German, Spanish, Italian, French



**Front / Rear Parking Sensor Distance**  
Sets when the outermost PDC segment is displayed as an obstacle approaches.



**Fahrenheit Correction** Enable only if the vehicle is set to °F and the climate temperatures shown on-screen do not match the vehicle's climate controls.

## Installer Notes

This image shows a single page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page, leaving small margins at the top and bottom. There are no vertical margin lines, and the page is completely blank except for the lines themselves.

## Technical assistance

If you need assistance setting up or using your Aerpro product now or in the future, call Aerpro Support. Australia

TEL: 03 – 8587 8888

FAX: 03 – 8587 8866



Mon-Fri 9am – 5pm AEST

Please retain this user guide for future reference.

If you would like to download a digital copy of this manual, or other Aerpro manuals/software, please visit the <http://aerpro.com> website and click on 'Firmware & Manuals' for information on where to find the manuals/software.

This manual is considered correct at time of printing but is subject to change. For latest manuals and updates refer to the website.

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