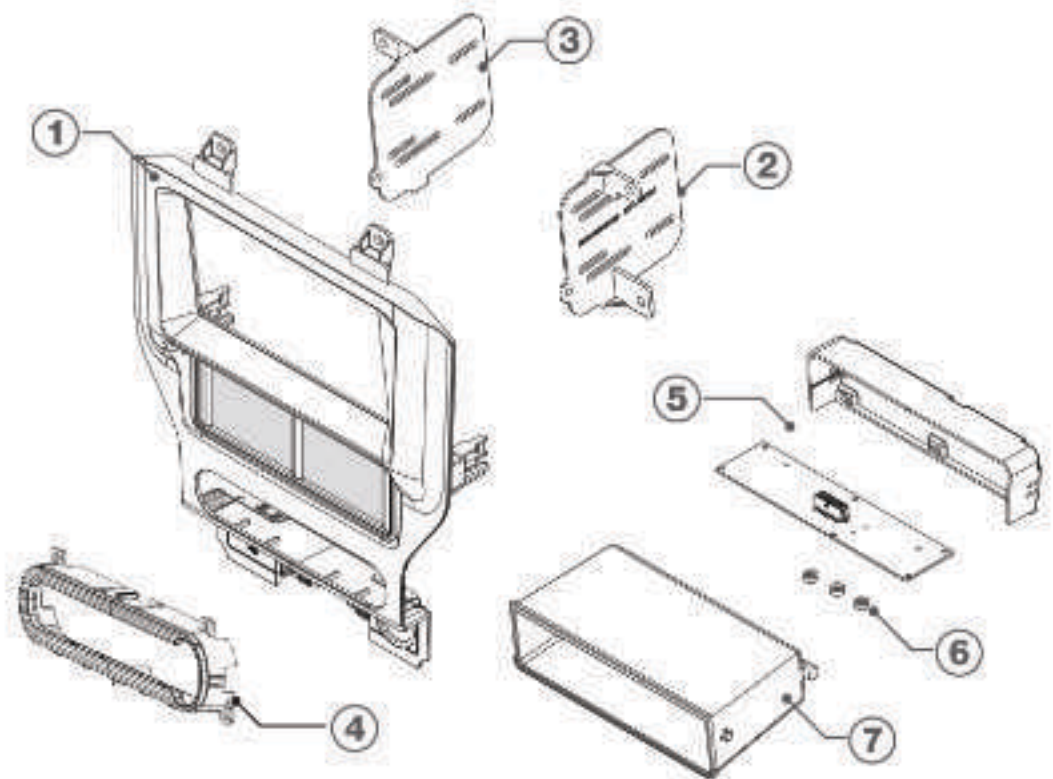


Integrated Touch Screen Control Kit for Ford Vehicles

1. Fascia Panel
2. Right Bracket
3. Left Bracket
4. Four Switch Trim
5. Back Cover
6. PCB Spacer
7. Pocket



APPLICATION

Note: Application data is subject to change at any time

Ford Mustang 2015> (Right Hand Drive Models Only)

RECOMMENDED TOOLS

- Panel Removal Tool
- Screwdriver
- Cutting Tool

FEATURES

- Allows for the installation of a double DIN aftermarket stereo
- Replaces HVAC control unit
- Retains climate controls, steering wheel controls, heated seats, vehicle OE personalisation menus and settings
- Accommodates OEM toggle or OEM push button switches
- Includes mounting brackets and fitting accessories
- Finished in gun metal to match vehicle dashboard

DISCLAIMER

The information provided in this document is subject to change without notice due to manufacturer changes and/or improvements to the product/s. This instruction manual is based on documented data and research. The manufacturer of this product cannot be held responsible for any changes made to the vehicle by the manufacturer or damages that may occur through the installation of this product in accordance with the steps outlined herein.

PRIOR TO INSTALLATION

Read the manual prior to installation. Technical knowledge is necessary for installation. The place of installation must be free of moisture and away from heat sources. Please ensure that the correct tools are used during the installation to avoid damage to the vehicle or product. Connects2 can not be held responsible for the installation of this product.

WARNING

****DASH MODIFICATION IS REQUIRED FOR FULL INSTALLATION OF A DOUBLE DIN STEREO WHEN USING THIS PRODUCT****
See Step 7 for Details

INSTALLATION GUIDE

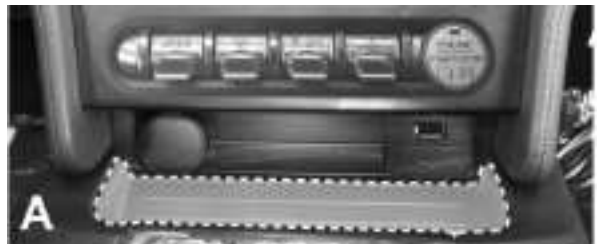
1. Remove the two (passenger and driver side) knee panels on the lower console. (A)

Next, remove the two exposed screws (B)



2. Using a panel removal tool, carefully remove the tray located below the USB and 12V socket ports, then remove and retain the two exposed screws.

Lift and slightly pull back the centre cup holder console but do not remove the console.

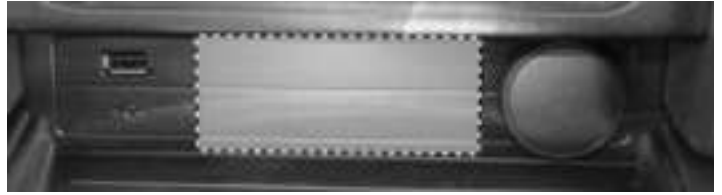


3. Using a panel removal tool, carefully remove the air vent trim surrounding the vents, temp and boost control gauge. Unplug and remove.



INSTALLATION GUIDE

4. Unclip and remove the plastic plate located inbetween the USB plug-in and the cigarette lighter



5. Remove the four screws securing the OEM panel to the dash (circled), then unplug and remove the panel



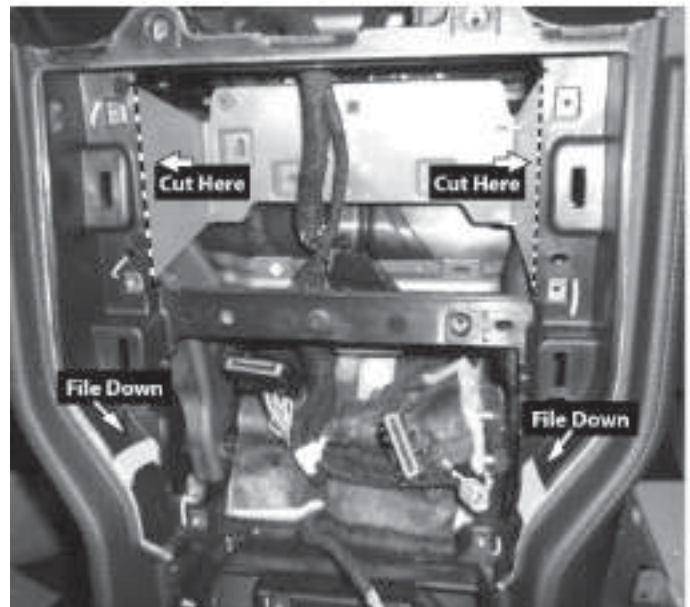
6. Remove the OEM display and the CD receiver by unscrewing the four screws for each component, then unplug all wiring and remove.

****DASH MODIFICATION****

7. Carefully cut and remove the highlighted dashed area on the sub-dashframe to create space for the double DIN stereo.

File down the ridged areas highlighted and noted in the image.

NB: Only file down the amount of plastic necessary to achieve a flush fit



INSTALLATION GUIDE

8. Remove the ten screws and the 12V socket located behind the OEM climate control panel and retain for installation. Then remove the PCB board back cover.

NB: The amount of screws may vary between vehicle models.

Retain the 12V socket from the OEM panel and place it on the aftermarket panel once removed from the OEM panel



9. Remove the five screws securing the PCB board to the panel, then remove from the panel

NB: The amount of screws may vary between vehicle models



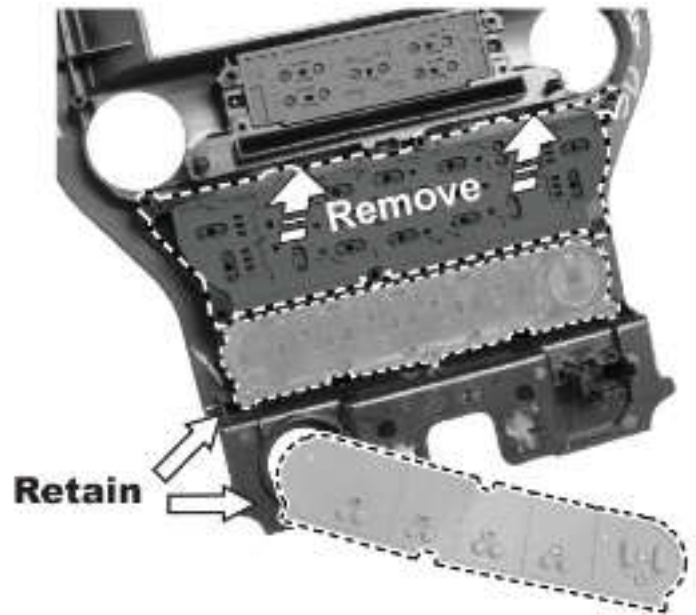
10. Lift and remove the plastic CD insert slot away from its location



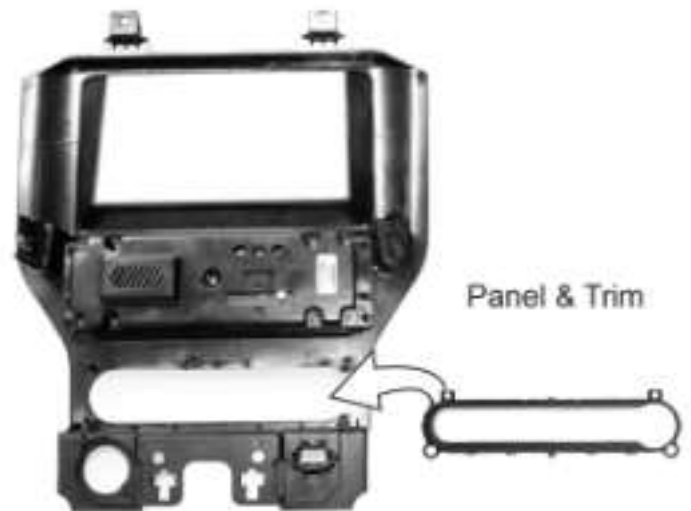
INSTALLATION GUIDE

11. Lift and remove the drive train/ignition controls and rubber pad from the OEM panel and retain for later install

NB: Remove rubber and plastics blocking pieces needed in order to remove the ignition controls



12. Place the drive train/ignition control trim into the fascia panel



13. Place the OEM drive train/ignition control buttons (retained in Step 11) into the trim from Step 12.

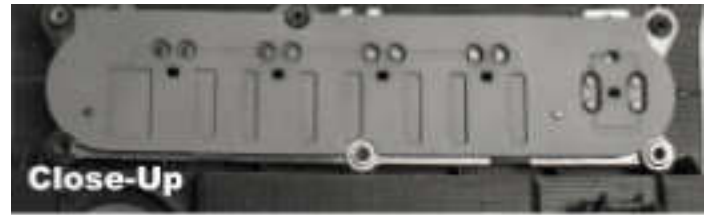
Next, place the three provided PCB spacers indicated by the arrows on top of the button controls.



NB: Image is for illustration purposes only and may not represent the vehicle's exact ignition control button configuration

INSTALLATION GUIDE

14. Place the rubberpad from the OEM drive train controls onto the back of the buttons, being careful not to knock over the spacers placed in the previous step.



15. Carefully align the circuit board over the rubber pad



16. Place the back cover plate over the PCB and secure using the six screws retained in disassembly

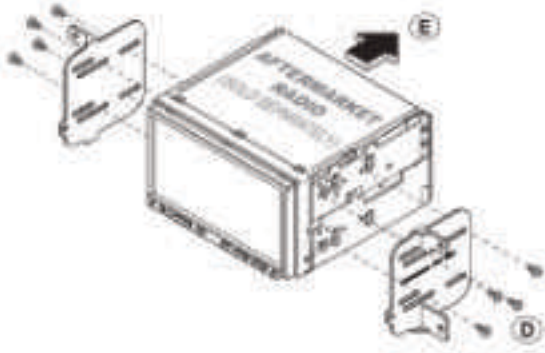
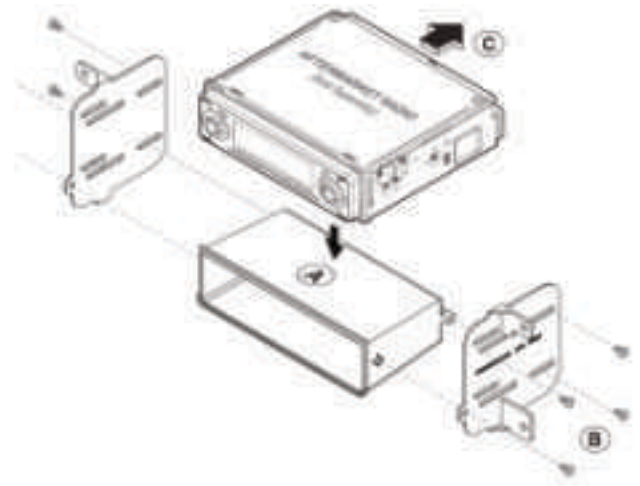
NB: Use the screws attained from the OEM PCB cover plate



INSTALLATION GUIDE

17. For Single DIN Installation:

Attach the brackets provided to the pocket (A), then secure the stereo to the brackets (B). Lastly, secure stereo assembly into dash cavity (C).

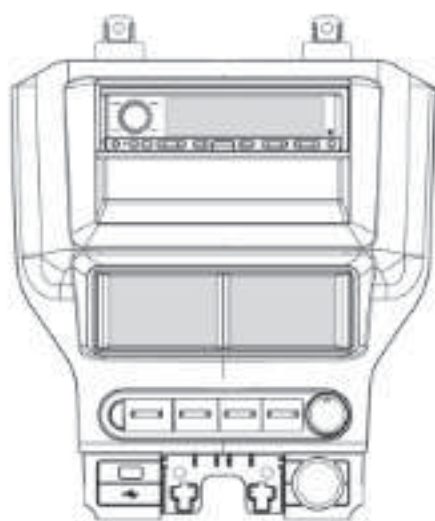


For Double DIN Installation:

Attach the brackets provided to the aftermarket stereo (D), then secure stereo assembly into dash cavity (E).

18. Connect and reassemble everything in the reverse order of disassembly to complete the installation

NB: 12V/cigarette plug is retained from OEM panel



Single DIN
Sample Illustration



Double DIN
Sample Illustration

CONNECTING THE PATCH LEAD

Configuration Assignments (1=Link made, 0=No Link)

J1	J2	J3	Systems	Connector
1	0	0	JVC	Jack/Key1
0	1	0	BEAT/Philips/Nakamichi	Key1
1	1	0	Clarion	Jack
0	0	1	Kenwood	Key1
1	0	1	Alpine	Jack
0	1	1	Panasonic	Key1
1	1	1	Sony/LG/Pioneer	Jack
1 (Pin12)	1 (Pin10)	0	Zenec	Key1

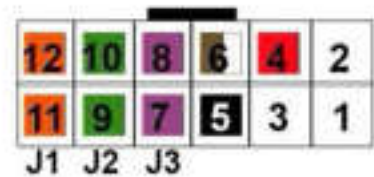
Pin Configuration

Pin 1	Description
1	Reserved
2	Reserved
3	Reserved
4	Analog 2 Swc
5	GND Swc
6	Analog 1 Swc
7	Link J3
8	Link J3
9	Link J2
10	Link J2
11	Link J1
12	Link J1

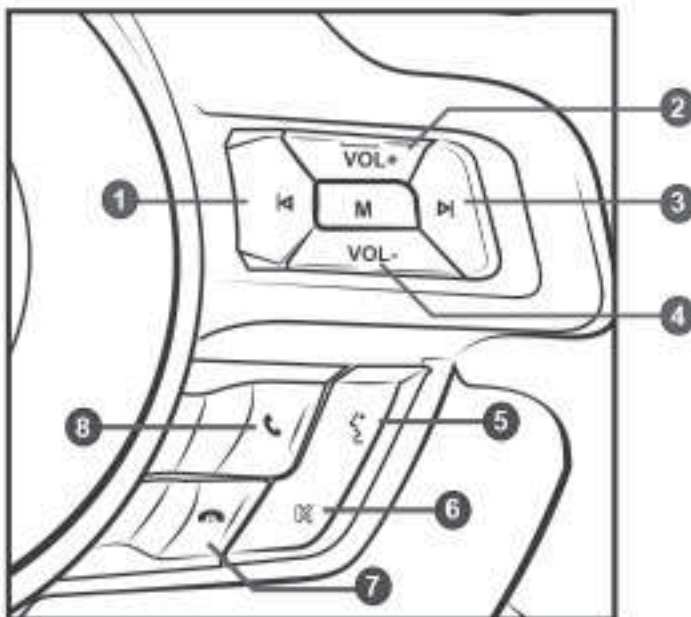
Here are some example of how to make various patch leads:

Example 1: Alpine –Cut Link J2, then use the Jack Connector to connect the patch lead to the head unit

Example 2: Kenwood –Cut Link J1 and J2, then use the wire connector to connect the patch lead to the head unit

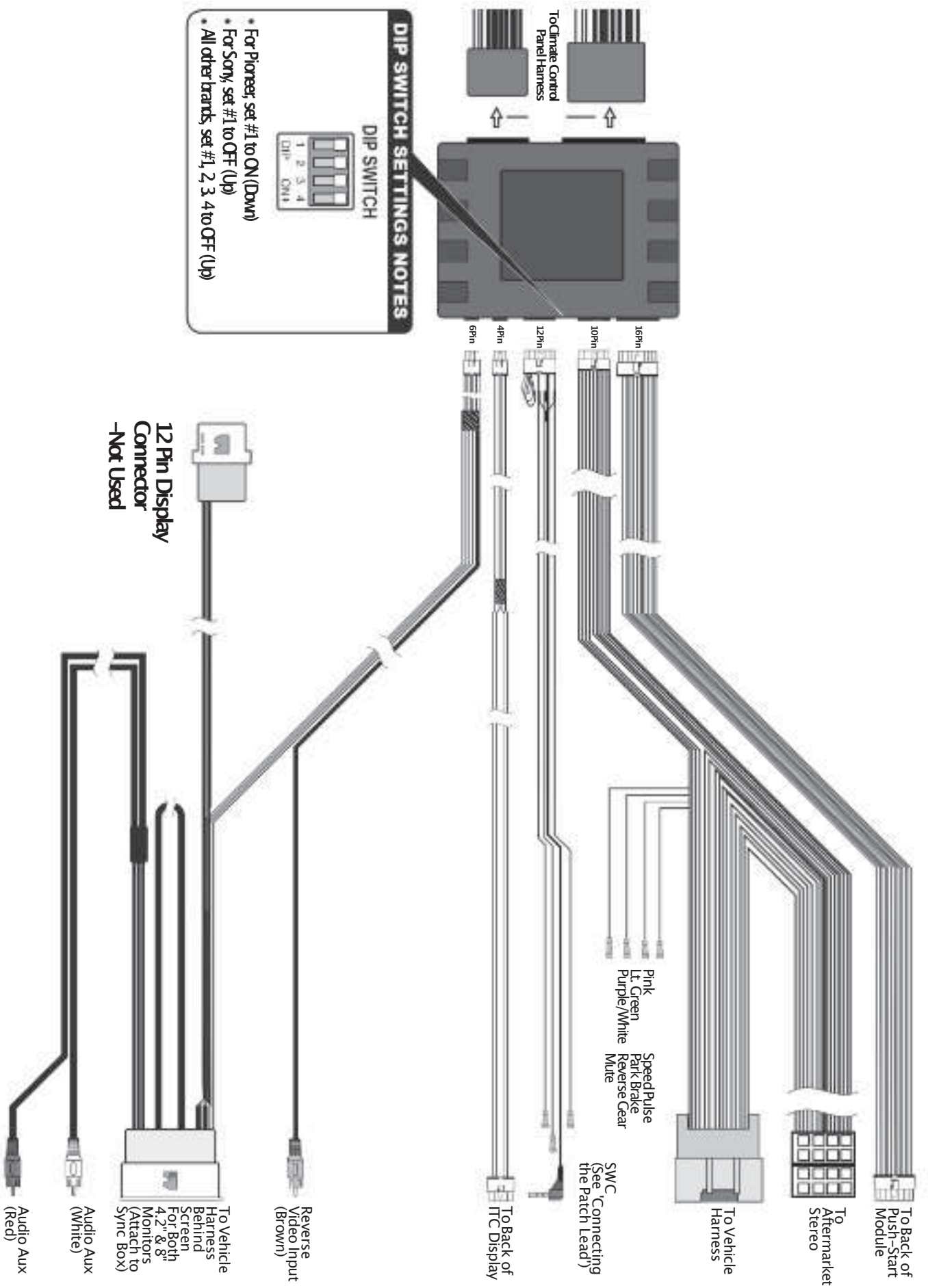


STEERING WHEEL CONTROL CONFIGURATION



1. Track -
2. Volume +
3. Track +
4. Volume -
5. Voice Command (For JVC/Alpine/Pioneer Units with Voice Command Capabilities)
6. Mute
7. Hang Up (BT HU Only)
8. Pick Up (BT HU Only)

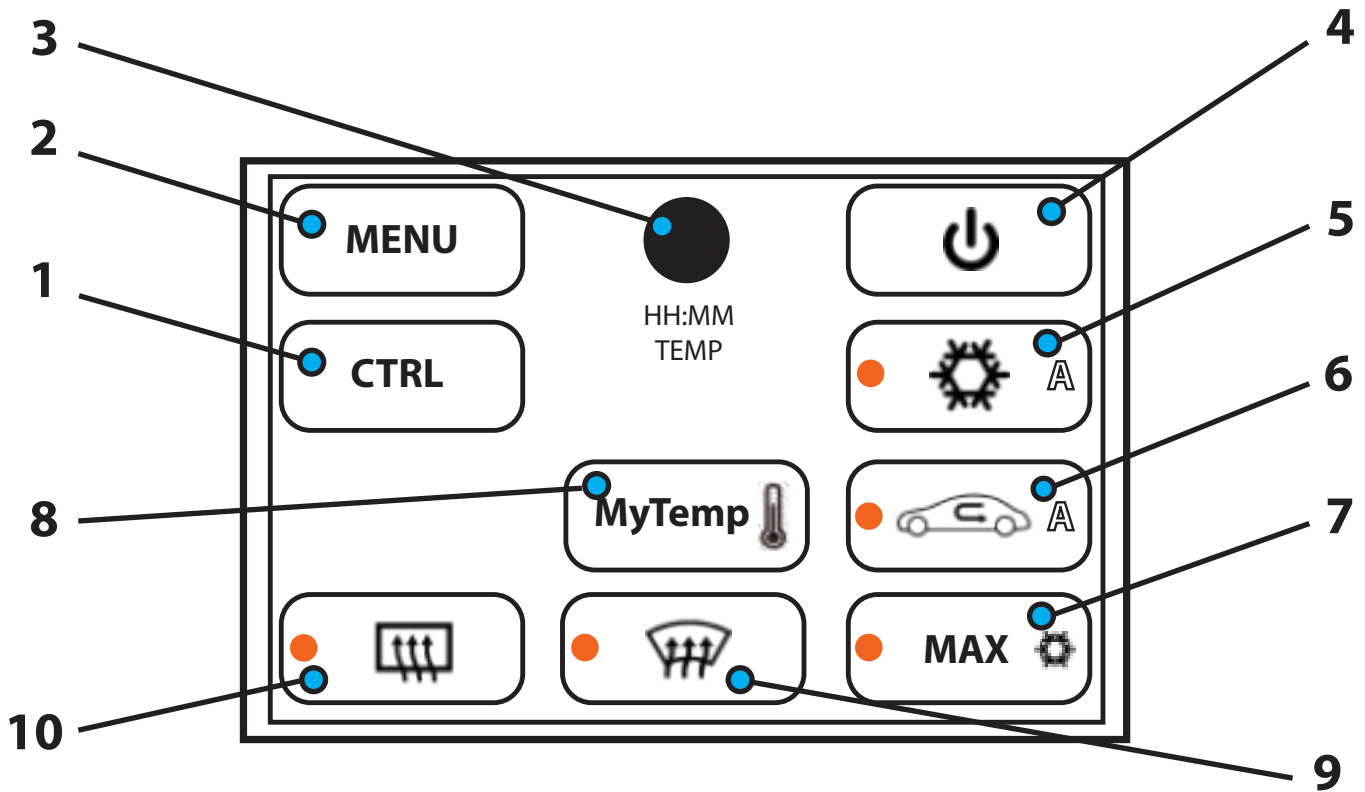
WIRING DIAGRAM



CLIMATE/CONVENIENCE CONTROLS

The touchscreen interface replaces the factory climate, convenience and personalisation controls built into the factory Ford stereo/dash panel. This solution provides improved ergonomics whilst adding touchscreen capabilities unique to this system. Read the following sections to familiarise yourself with the operating controls and settings.

LEFT TOUCHSCREEN BUTTON LAYOUT



1. Change on-screen button configuration to show controls for heated and cooled seats (if vehicle is equipped). Level for both driver and passenger side seats can be adjusted up or down independently.

2. Access menu. See 'Menu Structure' for more information.

3. Quick press four times and hold to enable Installer Menu. The Installer Menu can be found under 'Vehicle Settings' by pressing the MENU button (4) on the screen.

4. Press the POWER button to toggle the climate controls on or off.

5. Press to toggle Automatic Air Conditioning on or off (indicated by the orange icon).

6. Press to turn on Air Recirculation feature. When on, air will be recirculated inside the vehicle to quickly cool the interior and prevent outside air or odors from entering.

Note: Operating this function when the A/C is off increases humidity and may cause the windows to fog. This feature is not available when Defrost or Defog modes are active.

7. Activates maximum cooling with temperature automatically adjusted to the lowest setting and fan speed increased to the highest setting. Press the button again to return to the previously selected fan speed and temperature setting.

8. A preset/favourite temperature for the driver zone can be stored using the MyTemp function. Once a desired temperature for the driver has been set, long press/hold MyTemp button until a beep is heard. A short press of the MyTemp button will now instantly restore the preset driver temperature.

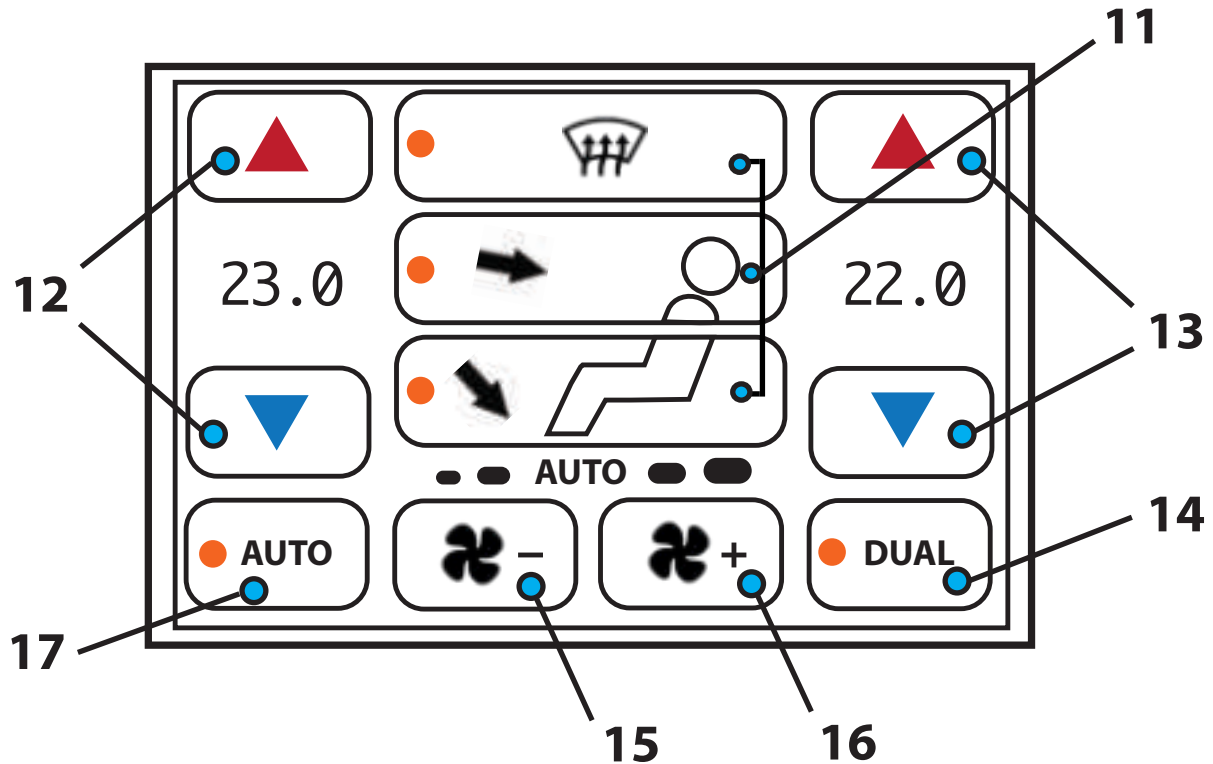
9. Press to direct air at the front windscreen to help clear fog or moisture. A light will illuminate in the button to indicate the active/inactive status of the Defrost mode.

Note: For best results, clear the windows of snow or ice before activating Defrost mode. Do not attempt to operate the vehicle until windows are clear.

10. Press to defog the rear window. A light will illuminate in the button to indicate the active/inactive status of the Defog mode. The Defog mode will also be turned off when the vehicle ignition is turned off.

CLIMATE/CONVENIENCE CONTROLS

RIGHT TOUCHSCREEN BUTTON LAYOUT



11. Touch the vent control mode icons to select desired vent mode. Graphics are displayed according to the selected vent and airflow pattern. Air can be directed through the instrument panel, floor, side and windshield outlets as desired.

12. Select the desired temperature for the driver zone by using the two arrow buttons.

13. Select the desired temperature for the passenger zone by using the two arrow buttons.

14. Toggle 'Dual Mode' function to enable different temperatures to be selected for driver and passenger zones. Turn off to lock both zones to identical temperatures.

15. Increase fan speed using the Fan + button

16. Decrease the fan speed using the Fan - button

17. Toggle 'AUTO' on to engage Auto mode for all functions (Air Direction, Air Conditioning, Recirculation, Fan Speed). Whilst in Auto mode, the vehicle will try to reach the selected temperature in the most efficient way possible.

Note: The 'AUTO' button will perform a different function depending on whether the climate controls are being adjusted manually, semi-automatically, or fully automatically.

If all functions are under manual control, pressing 'AUTO' will activate full auto mode (all functions under automatic control). If only some functions are under manual control, then pressing 'AUTO' will return all functions to manual control. A second press of 'AUTO' will then activate full auto mode.

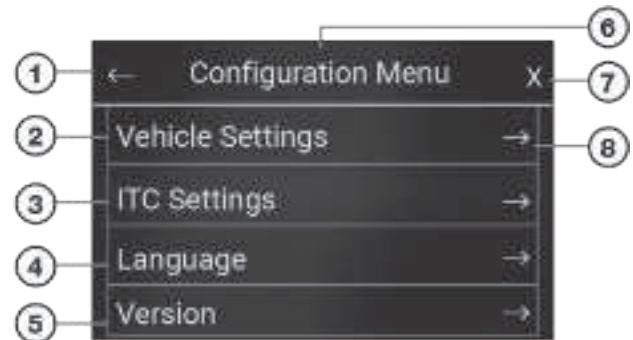
MENU NAVIGATION

Press the MENU button to access the Configuration menu and adjust Vehicle, ITC Interface, Language and Version settings.

The following screenshots are sample menu displays to assist in the navigation of the user interface. Use the Return Arrow to go back to the previous menu. Press the X to close the menu window and return to the TFT colour touch screen home screen. For further setting options, refer to the charts in the following pages of this manual.

Main Menu Navigation

1. Return to previous menu
2. Enter **Vehicle Settings** menu
3. Enter **ITC Settings** menu
4. Enter **Language** menu
5. Enter **Module Version** menu
6. Header
7. Close menu settings
8. Enter Sub-menu for selected option



Sub-Menu Navigation

1. Return to previous menu
2. Sub-menu configuration options
3. Header
4. Close menu
5. Scroll bar (Scroll Up/Down for more options)



Setting Configuration Options

1. Return to previous menu
2. Setting highlighted when selected
3. Scroll bar (Use to customise setting)
4. Press to select option
5. Close menu
6. Current value (Adjust with slider)
7. Scroll bar (Scroll Up/Down for more options)



VEHICLE CONFIGURATION SETTINGS CHART

Use the charts on the following pages of this instruction manual to navigate through the various menus and settings offered by the kit.

Feature Name	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6	Option 7
Time/Date	Hours	Minutes	Year	Month	Day	Set Time Format	Set Date Format
	00-23	00-59	2000-2099	Jan-Dec	1st - 31st	DD.MM.YYYY MM.DD.YYYY YYYY.MM.DD	12HR/24HR
	<i>Note: Adjust desired setting using the slide bars (-/+ on touch screen)</i>						
Distance Units	KM	Miles					
Temp. Units	°C	°F					
Installer Menu							

VEHICLE SETTINGS (INSTALLER MENU)

To access the Installer Menu, quick press the Menu icon on the touch screen display four times. A popup will appear with the notification: "Installer Menu Enabled".

Feature Name	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6	Option 7
Select Vehicle	Mustang (RHD)	Mustang (LHD)	Mondeo (RHD)	Mondeo (LHD)			
Dual Zone	Fitted	Not Fitted					
Heated Seats	Fitted	Not Fitted					
Heated/Cooled Seats	Fitted	Not Fitted					
Heated Front Screen	Fitted	Not Fitted					
Heated Rear Screen	Fitted	Not Fitted					
Camera Type*	None	Type 1	Type 2				
OE Amplifier Type**	None	SHAKER					
Diagnostics	Fault Codes	Live View					

*Set 'Camera Type' to 'Type 2' for Mustang application to enable Zoom feature. If Zoom feature does not work, select 'Type 1'.

**Please note that an additional module is required in order to retain the Shaker amplified system in vehicles with this OEM option.

ITC SETTINGS CHART

Feature Name	Option 1	Option 2	Option 3
Brightness (Day)	0% to Auto (100%)		
	<i>Note: Use the +/- touch screen buttons to scroll and set %</i>		
Brightness (Night)	0% to Auto (100%)		
	<i>Note: Use the +/- touch screen buttons to scroll and set %</i>		
Day/Night Automatic	Day	Night	Automatic
Touch Volume	0% to 100%		
	<i>Note: Use the +/- touch screen buttons to scroll and set %</i>		
Display External Temp.	Yes	No	
Park Brake Source	Brake	Speed	
Enhanced Park Pilot	Off	On	
Camera Delay	Off	On	

LANGUAGE & SOFTWARE SETTINGS CHART

Feature Name	Option 1	Option 2	Option 3
Language	Select Language from List (Total: 14 Languages)		
Version	Access for Version/Software Details		

