

RVCCH-75E



U-CONNECT 8.4" SCREEN (2-PIECE RADIO)

CHRYSLER:
2011 -2014 300

DODGE:
2011 -2014 Charger
2011 -2014 Journey

REAR-VIEW & VIM INTEGRATION FOR CHRYSLER & DODGE VEHICLES 2011-UP w/ 2-PIECE RADIO

We recommend reading this installation guide first before starting any work. Following these instructions from "Start" to "Finish" will ensure a smooth and hassle free installation.
We offer telephone support M-F 9:00 AM – 5:00 PM PDT at 1 (855) 822-1348. We are here to help.

PARTS INCLUDED:

- (1) Tailgate Handle
- (1) Universal Camera
- (1) 15 ft. Extension
- (1) CH-75E Interface
- (1) CH-75E Harness
- (1) Instruction

Camera Specifications:

- Lens Angle 170 Degrees
- Resolution 420 TV Lines
- Min. Illumination 0.2Lux
- Voltage 12v
- Operating Temp. -22°F - 176°F
- NTSC
- Reference Lines
- Shutter Speed 1/60s - 20us
- Waterproof
- Pixels 656 x 492

PRECAUTIONS:

- Remove the negative side of the battery to avoid any short circuits during the installation.
- Do not install the interface near any major components or near the HVAC system. This may cause damage or overheating to the vehicle.

Please read the entire manual before installing this interface.

INSTALLING THE CAMERA AND CABLE

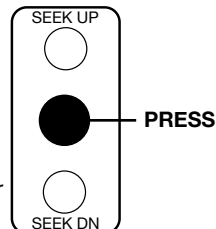
- Preliminary:** Insert the camera through the camera whole on the tailgate handle. Now proceed on to the removal of the factory handle.
1. Remove (8) T30 hex screws to remove the tailgate cover.
 2. Remove (2) 8mm screws to release the factory handle.
 3. Swap the key cylinder from the OE tailgate to the new one.
 4. Fish the wires through the tailgate and into the bottom of the truck's frame. Route towards the front of the vehicle. **Test camera angle.**
 5. Remove the factory radio to gain access to the factory connectors.
 6. Make the power and video then route the wires towards the radio and make the power connections. For powering up the camera, use the 12v OUTPUT (White Wire). (See Overview)

Note: The camera is defaulted to power down after 10 seconds.

FORCE REVERSE

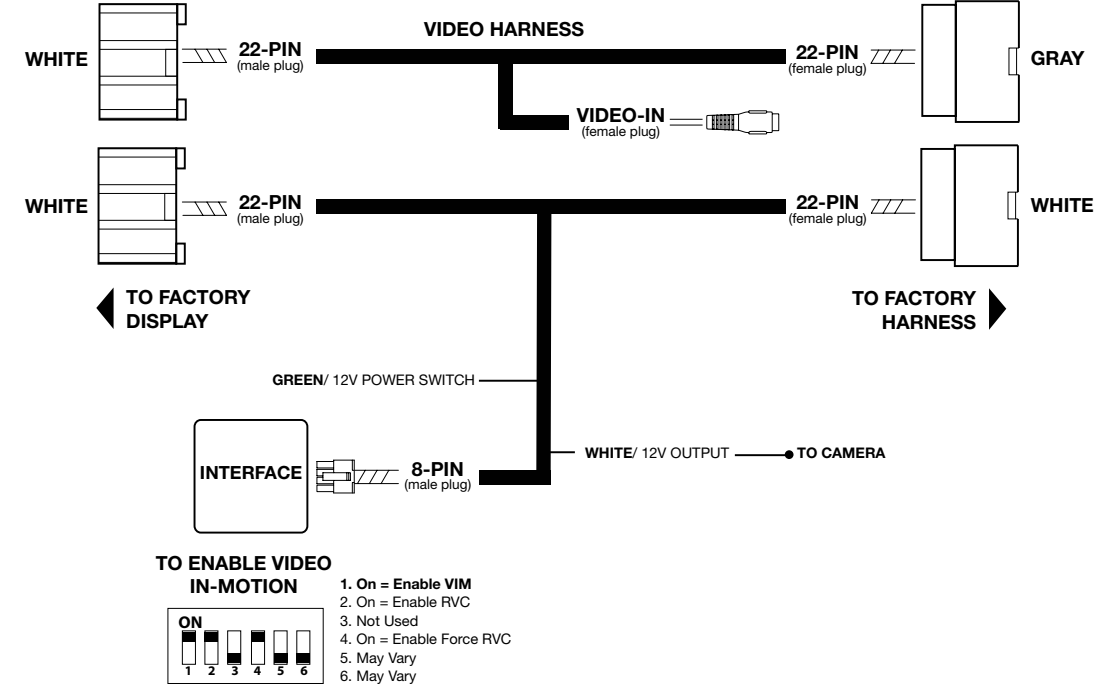
The force reverse is used to view the back-up camera when the vehicle is not in reverse gear. Allows you to view what is in the back while driving.

To activate this feature make sure the dip switch settings are correct. Then simply **press the center button** once on the **Left Hand** steering wheel control.



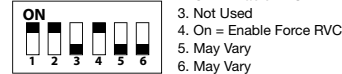
Note: The camera is defaulted to power down after 10 seconds.

CONNECTIONS OVERVIEW



SETTING THE DIP SWITCHES

TO ENABLE VIDEO IN-MOTION



- Dip 1:** Activates the Video In-Motion feature. The dip switch is the permanent solution for keeping the VIM unlocked. Use the Green wire with a toggle switch for a non-permanent solution. (Switch not included)
- Dip 2:** Activates the Rear-View Camera image when the vehicle is in reverse gear.
- Dip 4:** Activates the "Force Rear-View Camera" while driving. Force Rear-View Camera allows the driver to view the rear-view camera when not in the Reverse gear.
- Dip 5 & 6:** Varies, these switches are defaulted both to OFF. If the radio is having turn-on issues please try the following:

- Attempt One: Set both 5 & 6 to the ON position.
Attempt Two: Set 5 to On and 6 to OFF.
Attempt Three: Set 5 to OFF and 6 to ON.

If none of the above solutions work out for your vehicle please contact tech support.

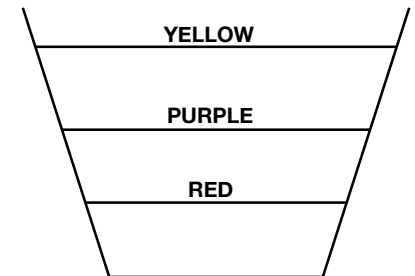
TROUBLE SHOOTING

1. No video display while in reverse.
 - Make sure the dip switches are in the correct position. More support contact us.

MAKE SURE TO TEST THE CAMERA ANGLE BEFORE RE-INSTALLING THE TAILGATE COVER.

PARKING LINE

The parking lines are there to assist you while reversing. What the lines mean:
Yellow Line: CLEAR
Purple Line: GETTING CLOSE
Red Line: WARNING - VERY CLOSE



IMPORTANT:
Compatible Radio Type:
U-CONNECT 8.4" SCREEN

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HOW TO DRILL THE WHOLE: USING THE NON-CAMERA THIRD BRAKE LIGHT

Step 1. After you have removed the 3rd brake light from the trunk lid, use the supplied drilling template to begin drilling the hole on the back side of the brake light.



Step 2. Continue drilling through the back and into the front side of that brake light. This will allow you a guide hole when you begin drilling on the front side.



Step 3. Turn over the brake light and continue clearing the hole on the front side of the brake light. Be very careful when drilling, take your time and cleanly drill.



Step 4. Clean and clear the hole for the camera to be inserted.



Step 5. Insert the cables and camera through the drilled hole but DO NOT FULLY INSERT, this will allow you to rotate and camera and position it when testing the camera view from the 4.3" display in the car.



Step 6. Route your power and RCA cable towards the front of the vehicle and finish making your connections behind the CD portion of the radio.

See installation video on our website!