

RVCCH-75E

Rear View Integration Interface for CHRYSLER & DODGE Vehicles with 8.4" Screen

PRODUCT FEATURES:

- Activates Uconnect Touchscreen Radio for enabling Video features
- Aftermarket Rear-view Camera included
- · Automatically switches to Rear-view when car is in Reverse mode
- Forced reverse camera view feature
- VIM function
- Plug & Play Installation

INSTALLATION DIAGRAM:

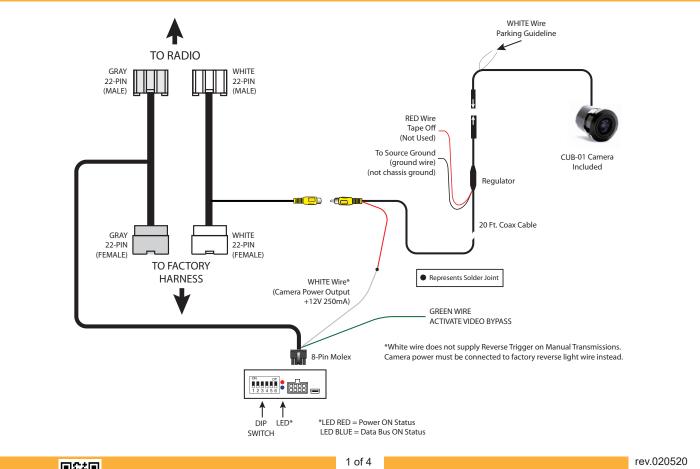
PARTS INCLUDED:





RVCCH-75E Module

RVCCH-75E Harness



Crux Interfacing Solutions • 21541 Nordhoff St., Unit C, Chatsworth, CA 91311 phone: (818) 609-9299 • fax: (818) 996-8188 • www.cruxinterfacing.com



RVCCH-75E

Rear View Integration Interface for CHRYSLER & DODGE Vehicles with 8.4" Screen

DIP SWITCH SETTINGS:

DIP SWITCH FUNCTIONS:

DIP 1 = Video in Motion Activation ON / OFF DIP 2 = Rear View Camera ON / OFF DIP 3 = Not Used DIP 4 = Forced RVC ON / OFF DIP 5 = Camera/ParkAssist Coding (see page 5) DIP 6 = Varies - Defaulted to both OFF*

*DIP 5 & 6 If the radio is having turn-on issues, please try the following: Attempt 1: Set 5 & 6 to ON Attempt 2: Set 5 to ON and 6 to OFF Attempt 3: Set 5 to OFF and 6 to ON

INSTALLATION INSTRUCTIONS:

INSTALLING THE BULLET CAMERA AND CABLE

The kit includes a universal bullet camera that can be mounted in different ways. On way is to mount it on the third brake light. Please see page 3 for installation instructions. Once the camera has been installed, route the camera cable towards the radio.

INSTALLING THE RVCCH-75E MODULE

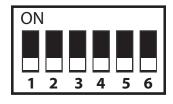
Remove the radio to gain access to the connectors. Unplug the factory WHITE and GRAY connectors and plug them into the WHITE and GRAY connectors of the RVCCH-75E T-harness. Mate the YELLOW male and female video RCAs of the RVCCH-75E T-harness and the camera cable. Use the thin RED wire on the camera cable to power the camera. Connect the thin RED wire to the WHITE wire on the RVCCH-75E harness. The RED wire near the camera is not used and needs to be insulated with tape. Connect the BLACK ground wire near the camera to chassis ground. See diagram on page 1. Test the system for functionality before reinstalling the radio.

FORCED VIEW OF REVERSE CAMERA

The RVCCH-75E has a feature that allows the user to view the reverse camera while driving. To activate this feature, set DIP#4 to ON. Press and hold the middle button on the left side SWC behind the steering wheel for 2-3 seconds. Press it again to deactivate this feature. The camera is defaulted to power off after 10 seconds.









RVCCH-75E

Rear View Integration Interface for CHRYSLER & DODGE Vehicles with 8.4" Screen



1. Remove the third brake light assembly. Use the supplied drill saw and drill a hole on the back side of the third brake light housing.



2. Continue drilling until the pilot drill bit is visible on the front side of the third brake light.



3. Turn over the third brake light assembly start drilling from the front side. Carefully drill thru the red plastic lens.



4. Insert the camera cable and the camera thru the hole but DO NOT FULLY INSERT. This will allow you to rotate the camera to the right position. Turn the ignition key to ON but do not start the engine. Put the gear in reverse and check the camera view. Adjust as necessary.



5. Route the camera cable towards the radio/RVCCH-75E location.

6. The CUB-01 bullet camera has parking guide lines that can be turned ON or OFF. The parking guide line is defaulted to ON from the factory. To turn OFF the parking guide lines, cut the thin WHITE wire on the camera cable around 4 feet away from the camera. Insulate with tape. Unplug the 4-pin barrel connector near the thin WHITE wire. Align the arrows on the 4 pin barrel connector and plug them together. Make sure that the connectors are plugged in all the way.





Rear View Integration Interface for CHRYSLER & DODGE Vehicles with 8.4" Screen

VEHICLE APPLICATIONS:

CHRYSLER
CINCIPLEN

2011 - 2015	300 (see note below)

DODGE 2011 - 2014 Charger 2011 - 2016 Journey

NOTES:

1) On 2015 Chrysler 300 without a separate CD slot (one piece radio), use part# RVCCH-75C instead.

2) Not compatible on vehicles with heated seats or heated steering wheel.

COMPATIBLE RADIOS:

8.4" Screen with separate CD slot (two piece radio).



For radios without a separate CD slot (one piece radio) use part# RVCCH-75C.





4 of 4 Crux Interfacing Solutions • 21541 Nordhoff St., Unit C, Chatsworth, CA 91311 phone: (818) 609-9299 • fax: (818) 996-8188 • www.cruxinterfacing.com rev.020520