



REAR-VIEW & FRONT-VIEW CAMERA
INTEGRATION INTERFACE FOR
DODGE & JEEP VEHICLES 2014-UP

RVCCH-75B

DODGE

2014 - 2015 Durango
2014 - 2015 Ram*

JEEP

2014 - 2015 Grand Cherokee

APPLICATION NOTES:
FOR UCONNECT 5" AND 8.4"
DISPLAYS

This interface does not offer the
Force RVC feature.

*NOTE: Not compatible with diesel powered RAM trucks

PARTS INCLUDED

(1) CH-75B RVC Interface Module
(1) CH-75B FVC Interface Module
(1) CH-75B 52-Pin T-Harness (2663)
(1) Instruction Sheet

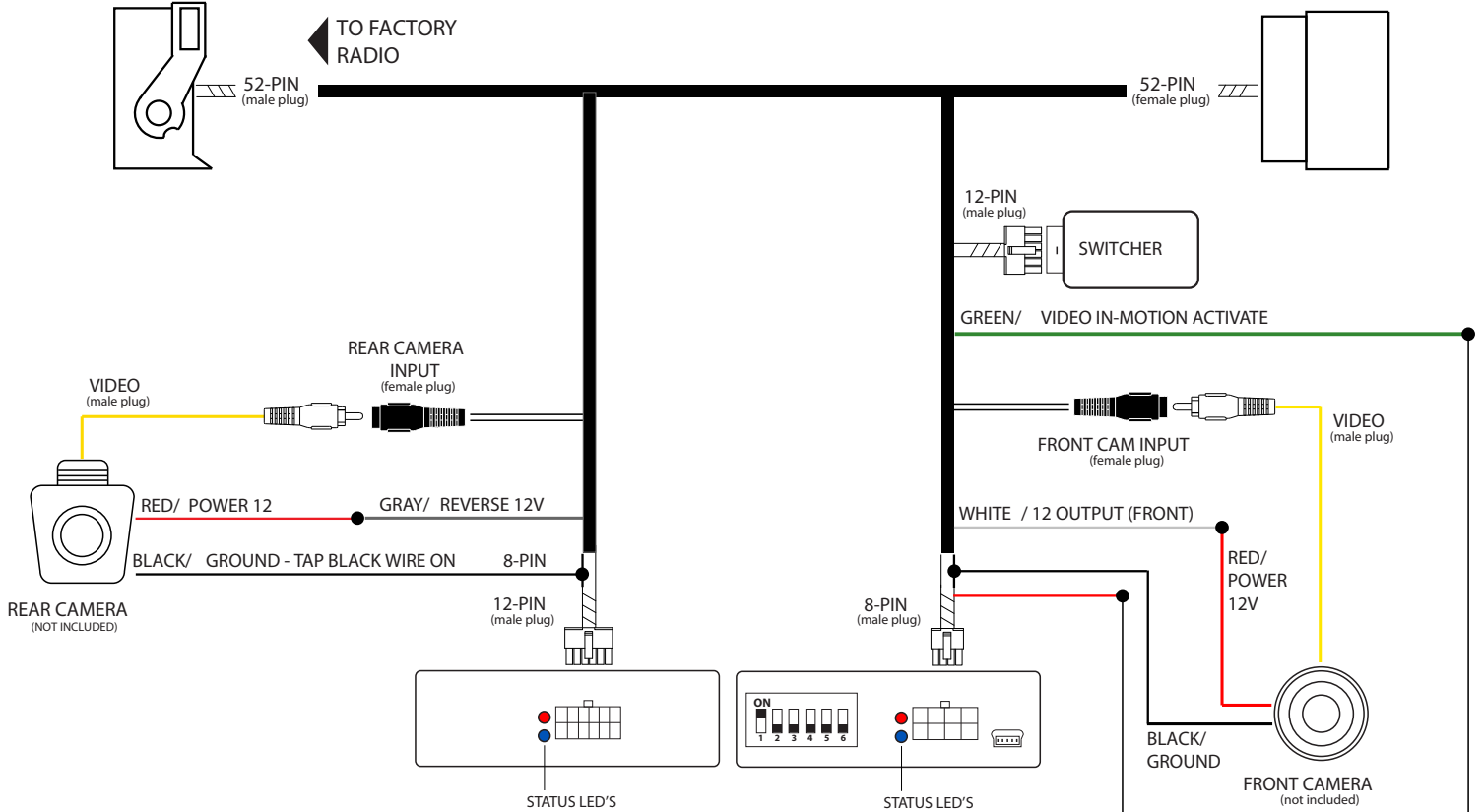
SAFETY PRECAUTIONS

1. Please read through the entire instruction manual before starting any of the installation procedures.
2. We recommend disconnecting the negative side of the battery until ready to code the vehicle.
3. Do not install any of the main modules near any major components or near the HVAC system, as placing items near the HVAC may cause damage or overheating to the interface.
4. We recommend not disconnecting any of the air bag connections behind the dash panels.
5. This product is under Crux's 1 year manufacturer's warranty. Warranty may be voided in the case where the device shows proof of being opened or improper extreme force.

TECH SERVICES

All our products are manufactured under strict quality control. Each device is being tested before shipment.

INSTALLATION OVERVIEW



DIP SWITCHES OVERVIEW

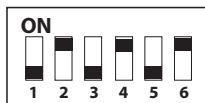
Make sure to set dip switch number 2 is turned to ON.

Dip 2 = RVC Enable

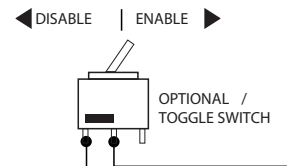
ACTIVATE
REAR-VIEW
& FRONT VIEW

NOTE: GREEN WIRE AND DIP 1 HAVE THE SAME FUNCTIONALITY. IF ONE IS BEING USED THERE'S NO USE FOR THE OTHER

8-PIN MODULE



DIP 1 = OFF
2 = ON
3 = OFF
4 = ON
5 = OFF
DIP 6 = ON



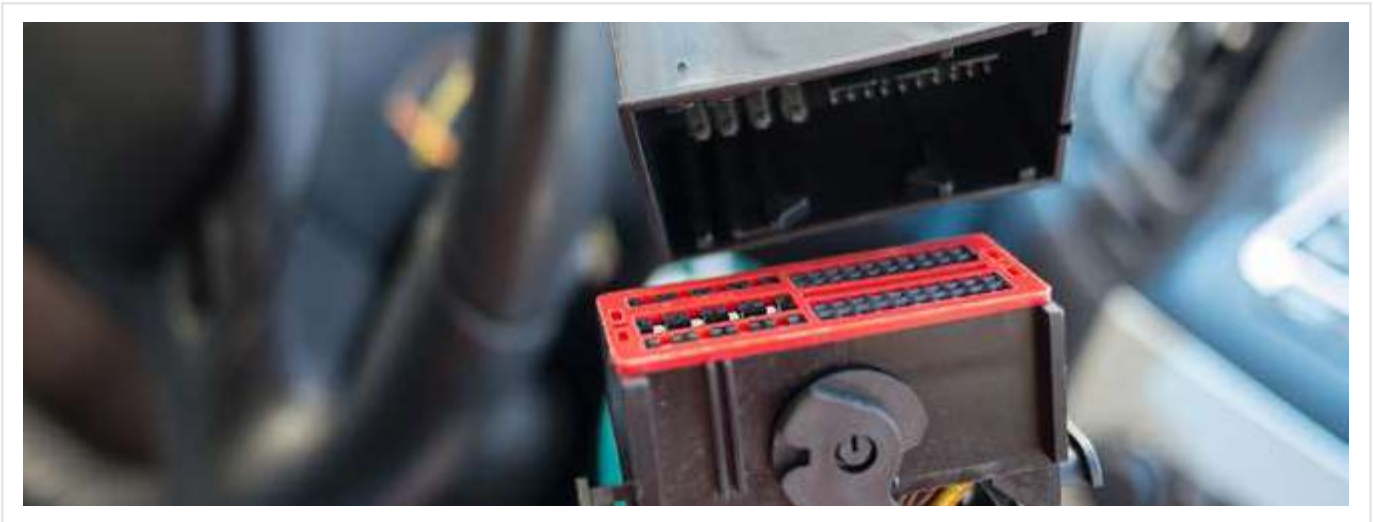
CONNECTING THE INTERFACE

Follow these steps to properly install the CAN module

- Step 1 - Remove the factory display to gain access to the factory 52-Pin (RED) connector.
Located behind the display, not the radio. Remove the factory 52-Pin connector.



- Step 2 - Using the provided 52-Pin T-Harness, mate both sides of the harness, to the factory harness and the factory display.



CONNECTING THE INTERFACE

Follow these steps to properly install the CAN module

Step 3 - Connect both the 8-Pin and 12-Pin connectors to their corresponding interface.

The 8-Pin is the only one with dip switches. Make sure all your connections are firmly inserted.



Step 4 - After connecting the module, set dip switches number "2", "4", and "6" to the "ON" position.

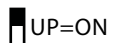
Make sure to test Front and Rear inputs.

All other dip switches are not to be used.



DIP SWITCH DESCRIPTION

IF NOT USING THE INPUT, PLACE TO OFF



UP=ON



DOWN=OFF

DIP 1 = ON = Video In-Motion Enable

DIP 2 = ON = Rear-View Camera Enable

DIP 3 = Not Used

DIP 4 = ON = Front-View Button Activation

DIP 5 = Not Used

DIP 6 = CAN Termination

LED INDICATORS

BLUE LED:

SOLID = BUS RECOGNIZED

BLINKING = NO BUS DETECT

The Blue LED will shut off when car enters sleep mode.

After each change of the DIP switch settings, we recommend powering down the module, then restarting the vehicle.

LED INDICATORS

RED LED:

ON = Power On

OFF = Power OFF

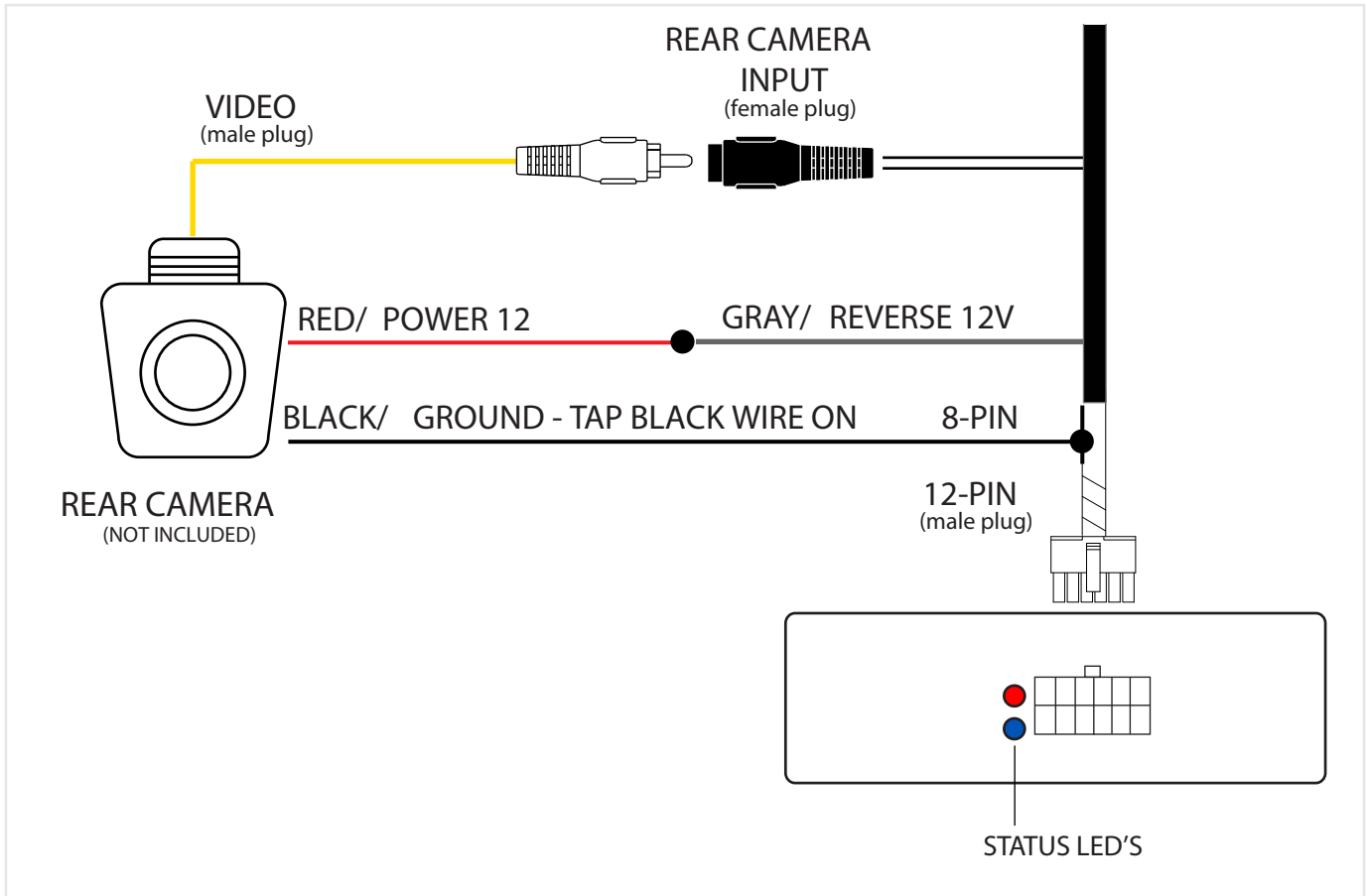
CONNECTING THE REAR-VIEW CAMERA

In order to activate the Rear-View Camera feature, make sure Dip switch number 2 is set to "ON".

Step 5 - Make note that the Rear-View Camera is not included and can be purchased separately.

Connect the RED power 12V cable from the camera to the GRAY Reverse (12V) trigger on the T-Harness.

Tap the BLACK wire on the T-Harness 8-Pin connector for the GROUND to the camera.



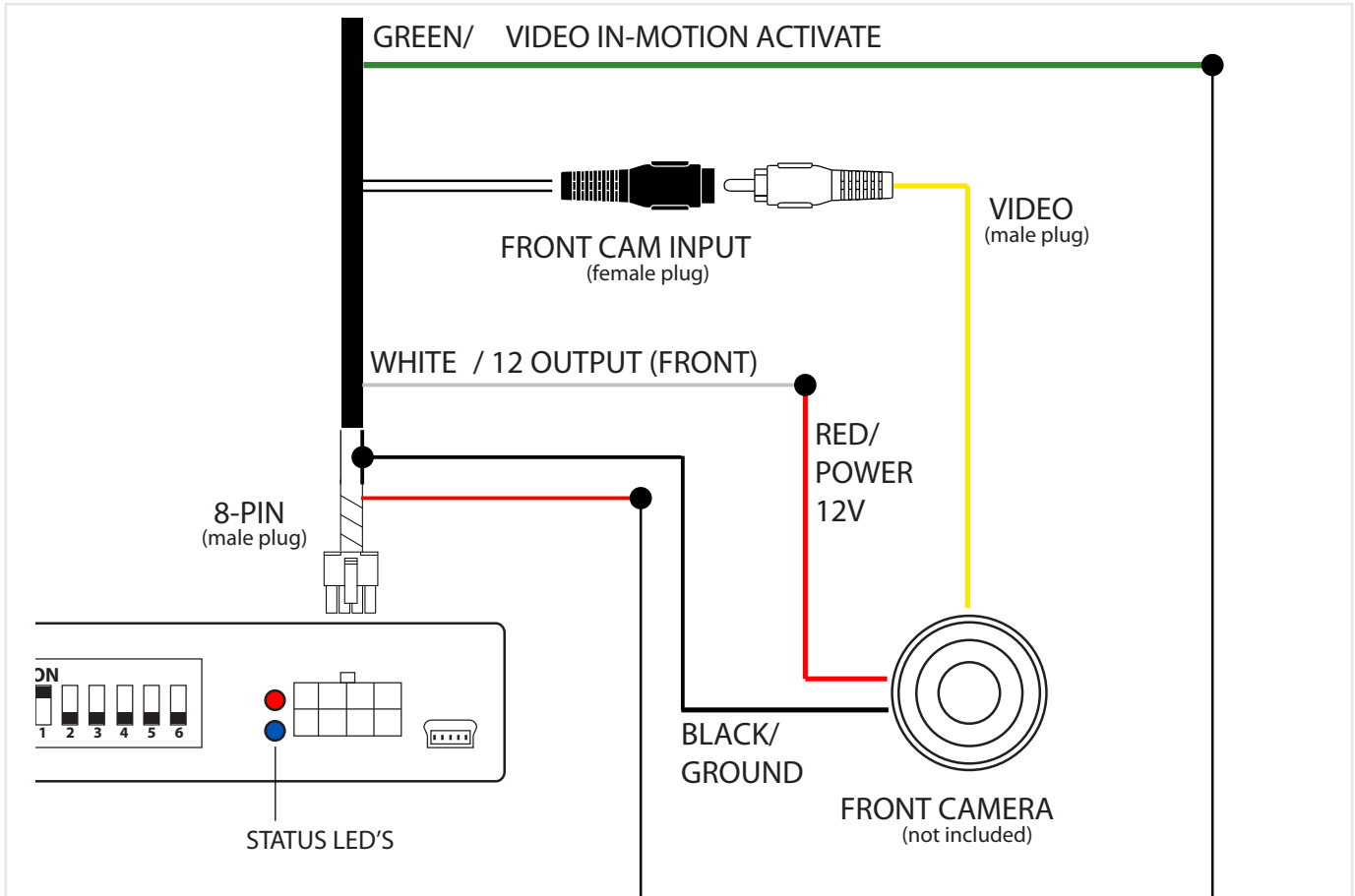
Be sure to test the camera by placing the vehicle in REVERSE and confirming the camera display.

CONNECTING FRONT-VIEW CAMERA

In order to activate the FVC INPUT feature, make sure Dip switch number 4 is set to "ON" on the 8-Pin Module.

Step 6 - Using the provided RCA input, connect your FRONT camera to the input.

Use the WHITE wire to POWER the FVC. (See below)



SWITCHING TO THE FRONT-VIEW CAMERA

To switch to the new Front-View camera, simply press the " BACK " once. Make sure Dip Switch number "4" is set to ON for this to work. To Exit the FVC press BACK once again.



COMPATIBLE RADIOS - ALL RADIO MUST BE 1-PIECE RADIOS (NO SEPARATE CD SLOT)

8.4" UConnect



5" UConnect (1-Piece)

