



Pacific Accessory Corporation

NU-CHY2

Chrysler/Dodge/Jeep Navigation Unlock Integration Interface

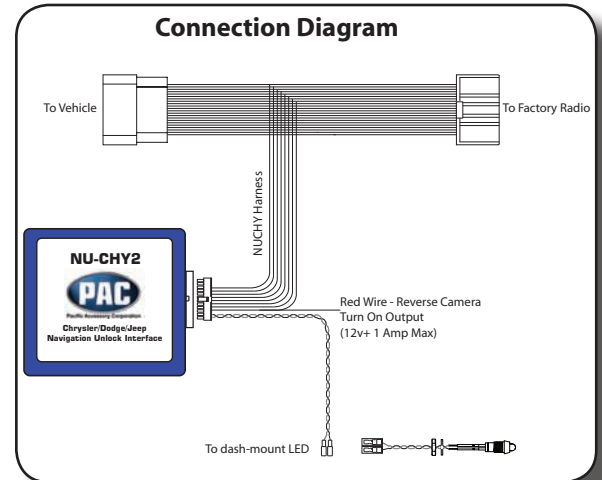
The NU-CHY2 is a Navigation Unlock integration interface that allows the factory navigation features of your Chrysler/Dodge/Jeep radio or the reverse camera to be used by the passenger at anytime.

Installation

Installation: Disconnect the main 22-pin harness from the back of the radio. Plug the male connector on the NU-CHY2 harness into the 22-pin port on the back of the radio. Connect the factory 22-pin harness into the female connector on the NU-CHY2 harness. Plug the Black micro-fit 24-pin connector on the NU-CHY2 harness into the NU-CHY2. Mount the LED in a location that is visible to the driver.

If you wish to enable the reverse camera unlock feature you must power up the factory reverse camera (this does not apply to the 2010+ Dodge Ram or 2011+ Jeep Grand Cherokee). To do this a wire must be ran from the NU-CHY2's red camera turn on wire to the factory power wire for the reverse camera. The location of this wire will vary depending upon which vehicle you are installing the NU-CHY2 into. Please see below for the different locations.

Please Note: If the customer does not wish to use the Reverse Camera unlock feature you do not have to locate and connect this wire.



Reverse Camera Wire Location Dodge Caravan/Chrysler Town & Country/VW Routan

1. You will need to locate the reverse camera wire in the rear harness located above the rear door trim panel (Fig A).
2. The reverse camera wire is the white/green wire (test with a DMM to verify 12v when the vehicle is shifted into reverse) (Fig- B).
3. Connect the red camera turn on wire from the NU-CHY2 to the white/green wire using a diode (Fig C). The diode is needed to prevent the reverse lights from coming on when the reverse camera is activated.
4. Verify that the reverse lights do not come on when the reverse camera unlock feature is being used.

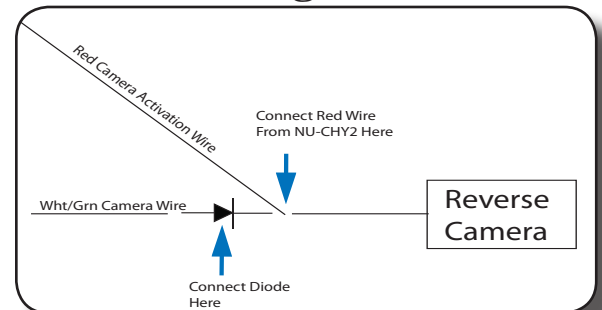
Fig A



Fig B



Fig C



Reverse Camera Wire Location Dodge Journey

1. You will need to locate the reverse camera wire in the reverse camera harness located in the liftgate. (Fig A).
2. The reverse camera wire is the white/green wire (test with a DMM to verify 12v when the vehicle is shifted into reverse) (Fig- B).
3. Connect the red camera turn on wire from the NU-CHY2 to the white/green wire using a diode (Fig C). The diode is needed to prevent the reverse lights from coming on when the reverse camera is activated.
4. Verify that the reverse lights do not come on when the reverse camera unlock feature is being used.

Fig A



Fig B

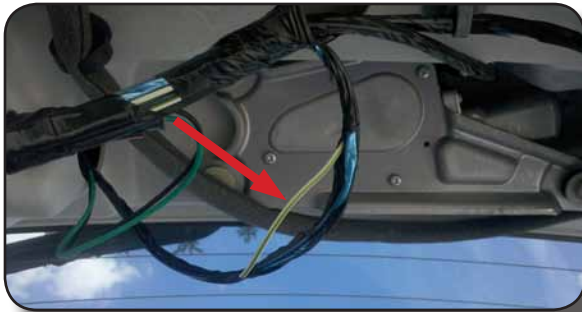
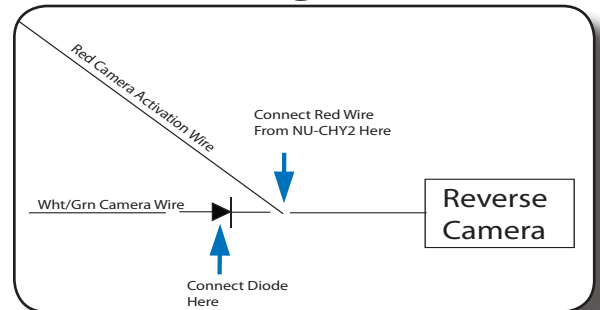
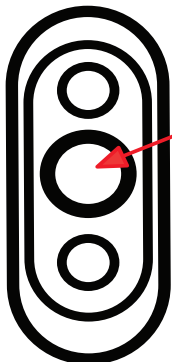


Fig C



Operation - Vehicles With Steering Wheel Controls

NU-CHY2 Controls

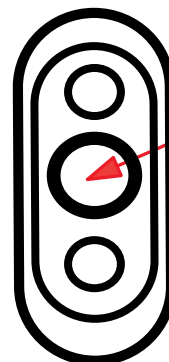


Press & Hold the Source Button to Enable/Disable Navigation Unlock

1. Press & Hold the Source Button for at least 2 seconds then release
2. Dash Mount LED Displays Red Light prompting confirmation of safe passenger use
3. Press the Source Button Again within 5 seconds to Confirm
4. Dash Mount LED Displays Green Light
5. Repeat Step 1 to De-Activate

****CONTROLS LOCATED ON RIGHT REAR OF STEERING WHEEL****

Activating the Reverse Camera



Press & Hold the Preset Button to Enable/Disable Reverse Camera

1. Activate the NU-CHY2
2. Press & Hold the Preset Button for at least 2 seconds, then release to Activate the Reverse Camera

****CONTROLS LOCATED ON LEFT REAR OF STEERING WHEEL****



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Operation (Continued)

Activating the Navigation Unlock

Press and hold the "Source" button on the steering wheel controls (SWC) for at least two seconds and then release to activate the NU-CHY2. The dash mount LED will illuminate red. Press the "Source" button on the SWC again within 5 seconds to acknowledge "safe use", agreeing that use will be performed only by the passenger whenever the vehicle is in motion, and activate the NU-CHY2. The dash mount LED will then illuminate green. To de-activate the NU-CHY2 simply press and hold the "Source" button on the SWC for at least two seconds and then release.

Activating the Reverse Camera Unlock

Activate the navigation unlock using the SWC. Press and hold the "Preset" button on the SWC for at least two seconds and then release. The dash mount LED will begin blinking and the rearview camera image will now display on the navigation screen.

WARNING: In order to avoid distraction, which could lead to an accident, the driver should never utilize systems unlocked by the NU-CHY2 when the vehicle is in motion. Even when operated by the passenger, the vehicle driver should maintain their attention on the road at all times.

Operation - Vehicles Without Steering Wheel Controls

Activating the Navigation Unlock

Start with the factory radio on. Turn the radio off then on within three seconds. The dash mount LED will illuminate red. Turn the radio off then on again within three seconds to acknowledge "safe use", agreeing that use will be performed only by the passenger whenever the vehicle is in motion, and activate the NU-CHY2. The dash mount LED will then illuminate green. To de-activate the NU-CHY2 simply turn the radio off then on within three seconds.

WARNING: In order to avoid distraction, which could lead to an accident, the driver should never utilize systems unlocked by the NU-CHY2 when the vehicle is in motion. Even when operated by the passenger, the vehicle driver should maintain their attention on the road at all times.

Turn radio off and on within 3 seconds to activate/de-activate the NU-CHY2

1. Start with radio on.
2. Turn the radio off then on within 3 seconds. The dashmount LED will illuminate red.
3. Turn the radio off then on again to confirm safe use. The dash mount LED will illuminate green.
4. Repeat step 2 to de-activate.

Installation Notes/Troubleshooting

1. When installing this interface the vehicle must be turned off.
2. If the vehicle's reverse lights come on when the reverse camera feature is engaged the diode is not wired properly. Please refer to "Fig. C" on page one or two for proper diode wiring.
3. If the factory radio does not come on or "flickers" off & on, the factory amplifier does not turn on or you are receiving audio on only one side of the vehicle, please make sure that the male pins in the NU-CHY2 plug are not bent or out of place.

DISCLAIMER: Under no circumstances shall the manufacture or the distributors of the NU-CHY2 be held liable for claims of any loss or damage, consequential, direct or indirect, arising from the sale, installation, or use of the NU-CHY2. The manufacture and its distributors will not, nor will they authorize any representative or any other individual, to assume obligation or liability in relation to the NU-CHY2 other than its replacement.

AGREEMENT: End user agrees to use this product in compliance with the instructions and terms of use above and with all State and Federal laws. PAC provides instructions and safety warnings with respect to this product and disclaims all liability for any use not in conformity with those instructions or other misuse of its product. If you do not agree, please discontinue use immediately and return product to place of purchase. This product is intended for off-road use and passenger use only.