

# ARC<sup>TM</sup>

**ACCESSORY/REAR CAMERA PRODUCT SERIES**

## Chrysler/Dodge/Jeep Remote Add-On CD Player

ARC-CDJPLAYER 

### INSTALLATION MANUAL

*Full plug and play kit, universal fit for use in  
Chrysler vehicles with RA1, RA2, RA3, or RA4 radios.*

#### Required for Install:

1. Chrysler/Dodge/Jeep vehicle with Uconnect 3.0, 5.0, or 8.4" Touch Screen.
2. ARC-CDJPLAYER Installation Kit

#### Vehicle Applications:

- 2013+ Ram Truck, Viper
- 2015+ Charger, Challenger, 300
- 2017+ Pacifica **NEW**



#### ARC-CDJPLAYER Kit Contents:

1. ARC-CHRY52R2 T-Harness
2. 5091217AD OEM Remote CD player
3. RAMROD-BRACKET (x2), RAMROD-CASE Universal case and mounting solution
4. PHWS812M(x4), PWHT812(x4) 4 Self drilling screws for mounting on metal, 4 stingers for plastic
5. 24291 (x2) Stand-Off threaded spacers for use in Pacifica installation
6. RAMROD-EXT Remote CD Player Harness – 15 foot
7. 257357C Configurable Module to enable CD Player – Does **not** require dealer programming



#### Notice:

\*\*All information provided in this instructional guide is given on an as-is basis. All wires should be verified and tested for functionality before any connections are made. All wiring connections should be made using OEM approved wire repair techniques which include, but are not limited to, soldering and heat-shrinking all connections. When screwing or drilling, verify clearance on opposite side of work surface. Professional installation is recommended\*\*

# Step 1: Wiring Connections and Module Configuration

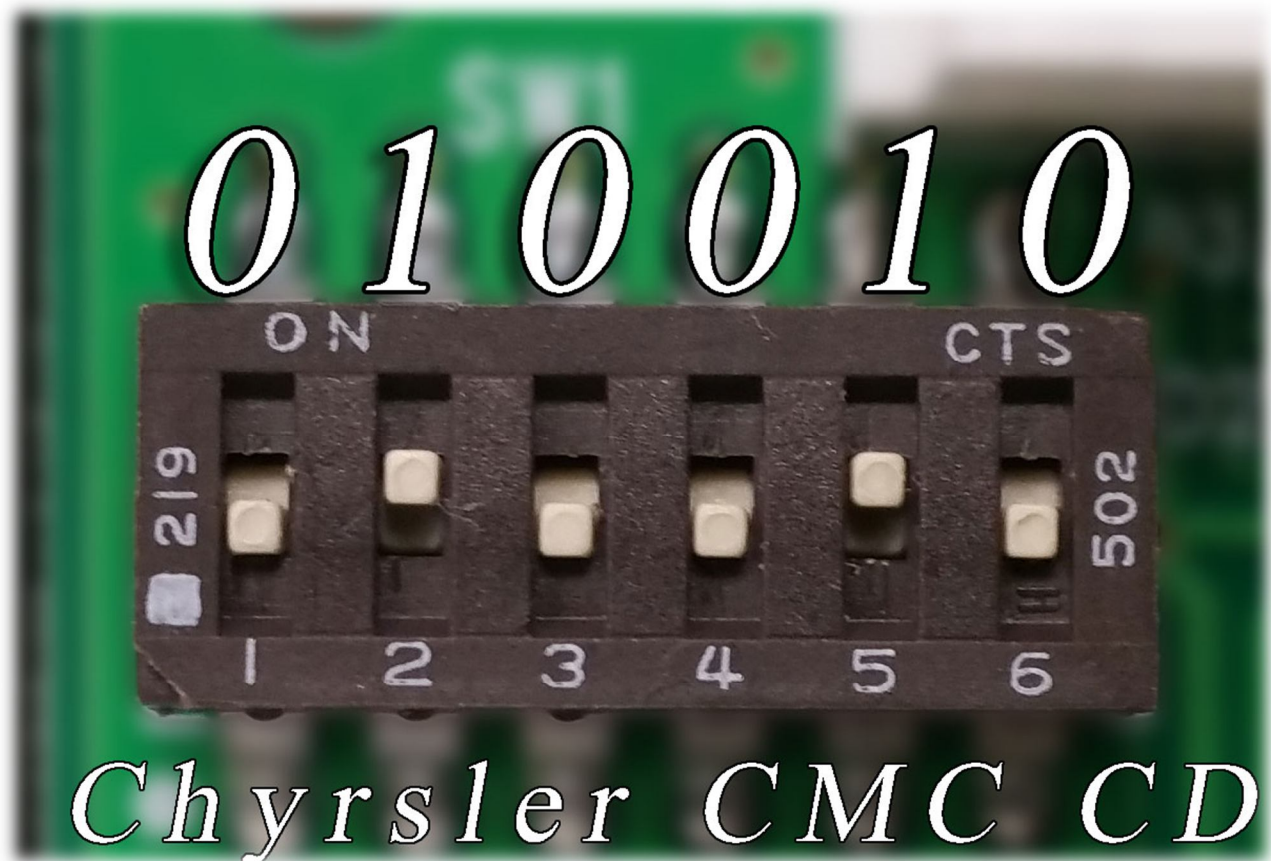
**Important Note:** Radio will not function without either the 257357 module **or** the 6-to-4 pin jumper installed.

**DIP SWITCHES ON MODULE MUST BE SET BEFORE USE!!**

Set DIP switches to match the following diagram.

Remove radio and install provided ARC-CHRY52R2 T-Harness. You will need to remove the 6-to-4 pin jumper from the T-Harness and replace it with the provided 257357 module.

Connect module and harness before connecting radio.



Install T-Harness behind radio, and push all wiring and modules back in to dash to allow room for reinstallation of radio. Route RAMROD-EXT to desired CD Player mounting location.

**NOT USED**  
FOR MAIN INSTALL



**MODULE BYPASS**  
RETAIN THIS PIECE IN CASE MODULE  
NEEDS TO BE DISCONNECTED

## Step 2: Determine Mounting Location – RAM Truck

**For RAM Truck with Center Console only. For all other applications, move to Step 2A**

This kit includes a universal mounting solution for the CD Player. The brackets are universal and removable. Remove the factory brackets and use the screws that come with the CD Player (5091217AD) to attach the provided brackets to the housing and into the player.

**REMOVE FACTORY BRACKETS, RE-USE SCREWS**



**For RAM Truck with center console:**

For installation in a RAM Truck equipped with a center console, use the provided template for placement of wiring hole. You will need a 1 1/8" stepped drill bit or hole saw.

**Make sure to check clearances behind any surface before drilling or using mounting screws.**

2013+ Dodge Ram with center console. Remove center console/cup holders, radio bezel, and radio.



2013+ Dodge Ram with center console: *Use Provided Template to drill hole for wiring*



## Mount CD Player:

Use the (4) PHWS812M Screws provided to affix unit to the plastic console. Pre-drilling is not required. Do not use the self-drilling screws provided, they are only for use on metal surfaces. Make sure to check clearance on opposite side of console.



2013+ RAM Truck  
console mounting:



# Step 2A: Determine Mounting Location – All Vehicles

*For 2017+ Pacifica mounting instructions skip to Step 2B*

This kit comes with universal brackets for installation. This player may be mounted horizontally or vertically. It is recommended that you discuss mounting options with your customer before performing the installation. The brackets are also reversible for placement under dash, or in a compartment.

**Make sure to check both sides of all surfaces before drilling any holes or using self-drilling screws.**

## **Example:**

RAM Truck Crew-Cab, player mounted under rear seat:



# Step 2B: Mounting Location – 2017+ Pacifica

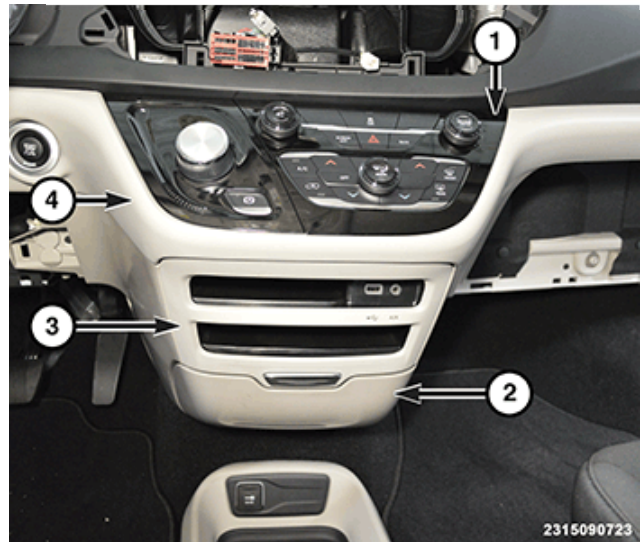
## Player Preparation:

1. Follow instructions in Step 1 to mount player in custom aluminum enclosure
  - a. Use screws removed in Step 1 to secure enclosure on player in front (4) holes.
  - b. Remaining (2) screws will be used to secure housing assembly in vehicle.
2. Install included threaded stand-offs in the rear-most holes of the player through the enclosure.



## Bin Removal:

1. Remove the screw located in the media hub bezel (3) opening.
2. Open the bin (2), and using a trim stick remove the media hub bezel.
3. Remove the six screws (2) and drop the bin (1) down to remove.



## Player Installation:

1. Remove the change tray from the bin, this will no longer be used.
2. Cut out supplied template along black lines.
3. Unsnap plastic bin sides to reveal mounting screws, as pictured.

4. Apply templates and tape into place.

5. Follow direction on templates to drill (2) 1/8" holes and (1) 1 1/4" hole.

6. Route wiring through 1/4" hole and plug into CD player. May also be done after installation of player.



7. Install CD player in opening, aligning threaded stand-offs with new 1/8" holes.

8. Use screws removed from player in Step 1 to secure player in place using 1/8" holes and threaded stand-offs.

9. Re-install bin sides, re-install bin in dash, and route wiring behind radio (see next section for radio removal).

10. Leave sufficient slack in wire to allow bin to open and close without pinching or stretching wire.



**IMPORTANT NOTE: MAKE SURE WIRING IS SECURED AND CANNOT INTERFERE WITH NORMAL VEHICLE OPERATION**

### Radio Removal and Wiring Installation:

1. With a suitable tool, remove the radio screen trim bezel (1) and remove the electrical connectors.
  - a. For 8.4" RA3/RA4 Radios screen can stay attached to trim bezels.
  - b. For 5.0" RA2 Radios, it is recommended to remove radio from trim bezel.
2. For 8.4" RA3/RA4 radio, proceed to remove the back end of radio and disconnect main 52-pin connector.
3. Route wiring from CD player and install T-Harness behind radio. 257357 module should be installed on the harness at this point.
4. Re-install radio, screen and bezel in opposite order, ensuring added wiring and module is securely fastened in dashboard behind radio.





## Step 3: Radio Programming & Demonstration

Once install is finished, replace all panels and ensure cabling is ran in a way that will not pinch or damage wiring. “Disc” will become a new source on the customer’s radio.

### Radio Programming:

Radio will automatically accept programming within two full power cycles of the vehicle.

If vehicle does not accept programming, please see the following section:

### Troubleshooting

*Complete this step only if your radio has not accepted programming automatically:*

1. Verify DIP switch setting from Step 1.
2. With all doors shut and vehicle powered down, disconnect the negative side of the battery.
  - a. If equipped with an Intelligent Battery Sensor (IBS), see dealership workshop manual.
3. Leave disconnected for 5 minutes.
4. Once reconnected, power on vehicle, allowing radio to fully power on.
5. Turn vehicle off, open and close driver door.
6. Allow 5 additional minutes for the vehicle to fully “go to sleep”.
7. Turn vehicle on again and “Disc” should be populated under the sources menu.
8. If no “Disc” icon has appeared, repeat steps 4-6 one additional time.

**The 257357 module must remain installed in the vehicle for continued operation of the add-on disc player.**

## Technical Support:

Technical support resources, installation guides, and installation videos are available on our website, **www. ARC12VOLT.com**

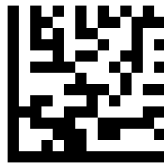
If you are calling for technical support, please contact the supplier you purchased this kit from. **Have your invoice or order number readily available so we can best assist you.**

Find more great ARC products on our website!

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Notes: