



## **LVCB-07**

Factory Rear-View Camera Retention Solution for RAM, Jeep Vehicles  
with Digital Camera

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**PRODUCT MANUAL**  
**VER.032326**

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## **CONTACT**

**ADDRESS:**

**CRUX Interfacing Solutions**  
21541 Nordhoff St. Unit C,  
Chatsworth, CA 91311

**PHONE:**

(818) 609-9299

**E-MAIL:**

support@cruxinterfacing.com  
sales@cruxinterfacing.com

**WEBSITE:**

[www.cruxinterfacing.com](http://www.cruxinterfacing.com)

## PRODUCT FEATURES:

- For maintaining factory GMSL (Gigabit Multimedia Serial Link) camera when removing factory radio.
- No Dealer programming required.

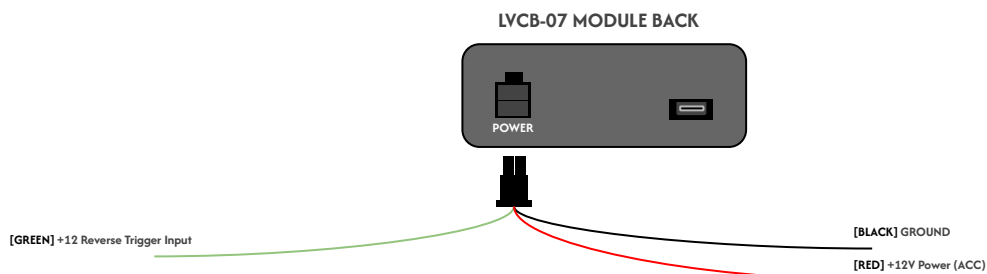
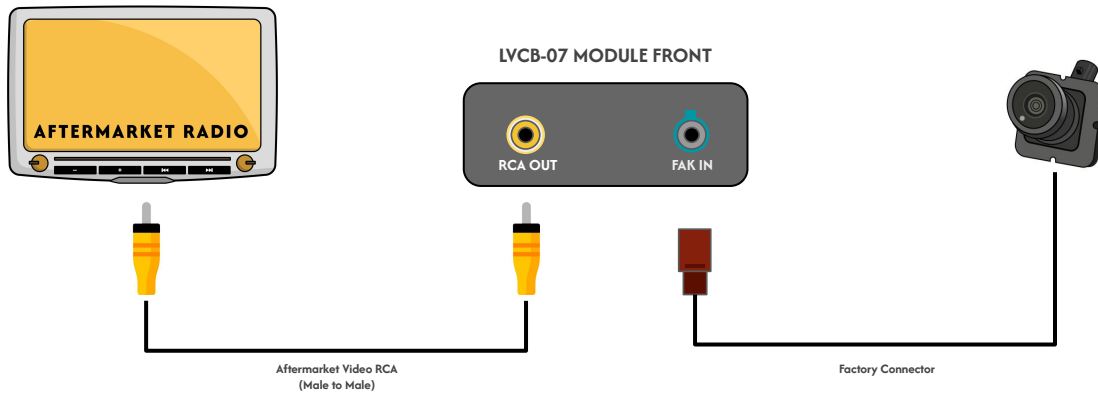
## PARTS INCLUDED:

LVCB-07 Kit



Video Cable (Male to Male)

## INSTALLATION INSTRUCTIONS:



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1. Connect the female Fakra connector of the vehicle factory GMSL camera to the male Fakra socket (FAK IN) of the LVCB-07 interface box.
2. Connect the a video RCA (RVC OUT) of the LVCB-07 interface box with the rear view camera input
3. Connect the Black wire of the LVCB-07 harness to ground.
4. Connect the Red wire of the LVCB-07 harness to +12V ACC power
5. Connect the Green wire of the LVCB-07 harness to +12V reverse gear lamp signal.

### LED Color Pattern

| LED LIGHT | -                      |
|-----------|------------------------|
| Blue LED  | - Input Source Valid   |
| Green LED | - Signal Present       |
| Red LED   | - Power Voltage Active |

### CAMERA TYPE DIP Switch Settings

| CAMERA VERSION*                           | DIP#: | 4*  | 5*  | 6*  |
|---|-------|-----|-----|-----|
| Small Resolution (7" UConnect UAG)        |       | OFF | OFF | OFF |
| Large Resolution (8.4" UConnect UAS/UAQ)  |       | ON  | OFF | OFF |
| Camera Type 3 (ProMaster 5" UConnect UAA) |       | OFF | ON  | OFF |

**NOTE:**  
After each change of the DIP switch settings you have to execute a power reset of the interface box.

#### RAM Applications (2019+):

- 5" (UAA)
- 7" (UAG)
- 8.4" (UAS = without Navigation / UAQ = with Navigation)
- 12" (Uconnect 4C NAV)

#### Jeep Applications:

- 7" Uconnect (UAG)
- 8.4" Uconnect (UAS = without Navigation / UAQ = with Navigation)

## TROUBLESHOOTING:

If you see a Blue Screen / Blue LED is off, that means there is no video signal reaching device. Please make sure the cable is properly connected.

## VEHICLE APPLICATIONS:

### RAM

|             |                       |
|-------------|-----------------------|
| 2019 - 2022 | <b>RAM</b>            |
| 2015 - 2021 | <b>Promaster</b>      |
| 2015 - 2022 | <b>Promaster City</b> |

### JEEP

|                  |                  |
|------------------|------------------|
| LATE 2017 - 2020 | <b>Compass</b>   |
| 2021 - 2024      | <b>Compass</b>   |
| 2020 - 2022      | <b>Gladiator</b> |
| 2018 - 2024      | <b>Renegade</b>  |
| 2018 - 2022      | <b>Wrangler</b>  |