

Installation Guide

FC-DRAM

Factory Connect Camera System: Ram Truck

1500/2500/3500 Equipped with 5" or 8.4" Screen

Reverse Camera Integration



ECHOMASTER
PRO

Installation Guide



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Prior to Installation

Cover all surfaces with tape or plastic protection film to protect against scratching and damage. EchoMaster is in no way responsible for any damage that may incur during installation.

This product has been validated in the vehicles listed on the application guide only.

Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure proper installation. Read entire instructions thoroughly before starting.

This document covers such items as:

- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc).
- Vehicle Disassembly / Reassembly (panel removal, part storage, etc).
- Electrical Component Disassembly / Reassembly (battery disconnection, connector removal, etc).

NOTES:

This camera requires activation by a Chrysler/Dodge dealer. See page 6 for dealer programming instructions. If possible, it is advised to have the Dealer enable the camera option prior to installation.

Camera must be connected to ignition, not reverse power

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Vehicle Preparation & Protection

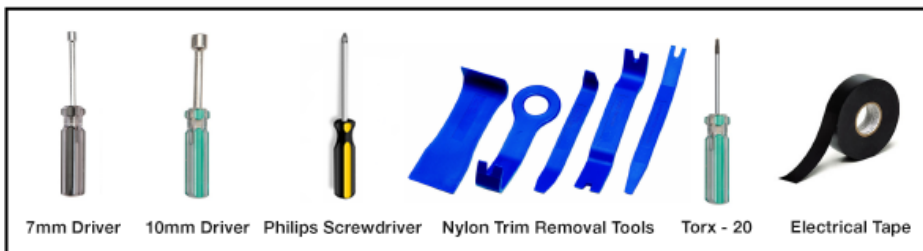
CAUTION

Consult your vehicle owner's manual to disconnect the battery. Do not disconnect ANY airbag connectors or indicators. Doing so may result in activating a diagnostic code. These codes will require the dealer to perform the reset procedure which may incur a reset fee. If you are unsure of any vehicle trim removal process consult the OEM service manual.

Removing vehicle trim panels in extreme hot and/or cold climate could result in damage. Use care when removing all vehicle trim.

Using painter's blue tape on the vehicle trim panels can help limit any scratches and/or marring. Use a nylon trim panel removal tool whenever possible.

Required Tools



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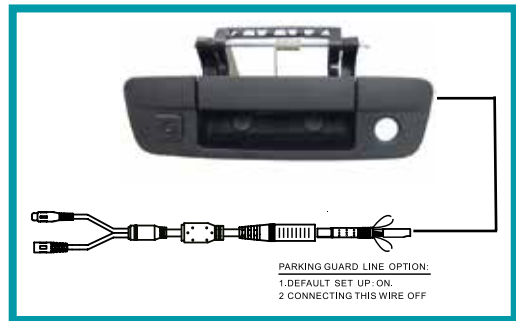
Remove Existing Handle

Remove existing tailgate handle.

Transfer lock mechanism.

Mount FC tailgate handle with camera.

Route camera cable forward into the cab.



Remove Radio / Screen

Remove bezel from around shifter and the 2 x Philips screws under rubber mat and the bezel from around cup holders.

Remove rubber mat on top of screen and remove the 2 x T20 torx screws.

Remove rubber mat in square cubby hole and remove the T20 torx screw and remove the radio bezel.

Remove the 4 x 7mm screws holding in screen to access the black 52pin plug at rear of screen (only back plug at screen). Unplug all wiring going to rear of screen and set aside.

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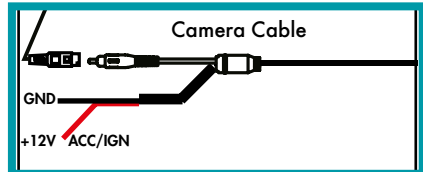
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Connecting Wires

Connect camera RED wire to suitable ACC or IGN +12v.

Ground camera BLACK wire.



NOTE

Camera must be connected to ACC or IGN
NOT reverse trigger. **We recommend
powering the camera at 12V receptacle

Connecting Factory Connect Harness

Locate pin positions 31 & 32 on 52 pin plug removed from back of radio. From supplied RCA harness, insert YELLOW Lead into pin position 31 and BLACK Lead into pin position 32. Connect RCA to camera.

Reinstall all plugs into back of radio.



Test & Reassemble

After all connections are made and vehicle is programmed, start vehicle and place in reverse to activate camera and display. Reassemble.

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Dealer Programming Instructions

PARK VIEW REAR BACK-UP CAMERA VEHICLE CONFIGURATION

Vehicle VIN must be updated with the sales code of the added accessory in order to enable system functionality. Using the DealerCONNECT website and the scan tool, complete the procedure below:

1. Log on to <https://dealerconnect.chrysler.com>
2. In the “Vehicle Option “screen under the” Global Claims System “category in the”Service”tab,enter the VIN and add the sales code **XAC (PARK VIEW REAR BAC-UP CAMERA)** as a “Dealer Installed Option”.
3. Confirm that the new sales code has been successfully added to VIN With the scan tool connected to both the internet (via Ethernet port or wireless connection) and the vehicle, follow the steps below:
4. Using the scan tool select the **VEHICLE PREPARATION** and then select **RESTORE VEHICLE CONFIGURATION.**
5. Follow the step by step instructions on the scan tool to complete the Park View Rear Back-Up Camera vehicle configuration.

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REV 031017