

Installation Guide

PCAM-CHMSL-RAM

PCAM-CHMSL-RAM
CHMSL Camera

RAM Truck (2013-2018, 2019 Classic)



ECHOMASTER
PRO



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:

Removed Parts: Inspect the vehicle and parts for any damage.

Place all removed parts on a protected surface in an area where they will not get damaged.

Connectors: When disconnecting connectors, do not pull on the wires; pull by holding the connectors.

Retain the factory tailgate camera if equipped.

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Vehicle Preparation & Protection

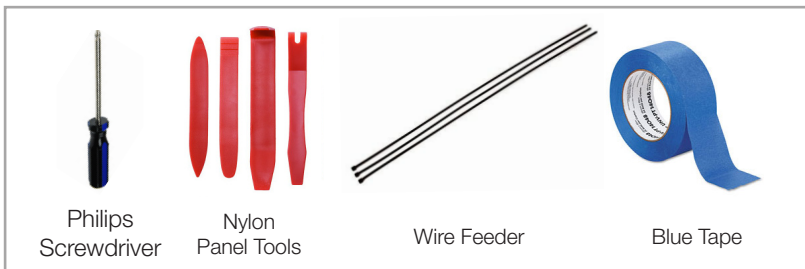
CAUTION

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 trims.

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



email - support@aampgglobal.com (US) - tel - 800-477-2267



Installing CHMSL Camera

Step 1

Remove the 2 x Philips screws that secure third brake light



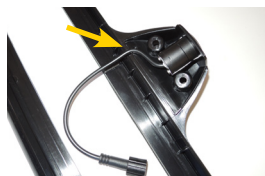
Step 2

Grab the light at the bottom and pull up and out, then disconnect the white connector on the back.



Step 3

Insert camera into CHMSL bezel, making sure to align the flat side on the camera with the flat side on the bezel. Route cable through notch on the bezel.



Step 4

Align the mounting pins on the brake light with the holes in the CHMSL bezel and snap bezel into place.



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Step 5

Install the top cap on the camera housing and fasten with 2 x Philips screws provided.



Step 6

Inside the truck, remove the dome light from the headliner.



Step 7

From either direction, feed the camera cable from the dome light opening to third brake light opening.



Step 8

Connect the camera cable to the camera, reconnect factory brake light plug and then remount brake light and camera assembly using the original 2 x Philips screws.



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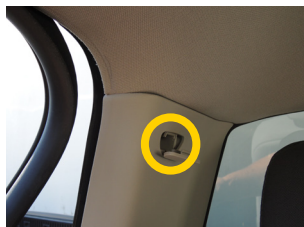


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Step 9

Remove 1 x Philips screw from the top of the C pillar panel and pull to release top clip. Remove the rubber door moulding from the headliner to the floor.



Step 10

Using a long zip tie or flexible wire fishing tool, fish the camera cable from the dome light opening across to the C pillar.



Step 11

With rubber moulding removed, run the camera cable down the C pillar and then under carpet and trim.



Step 12

Remove rear and front door sill trim and route cable under carpet next to factory wire harness to the front of the vehicle.



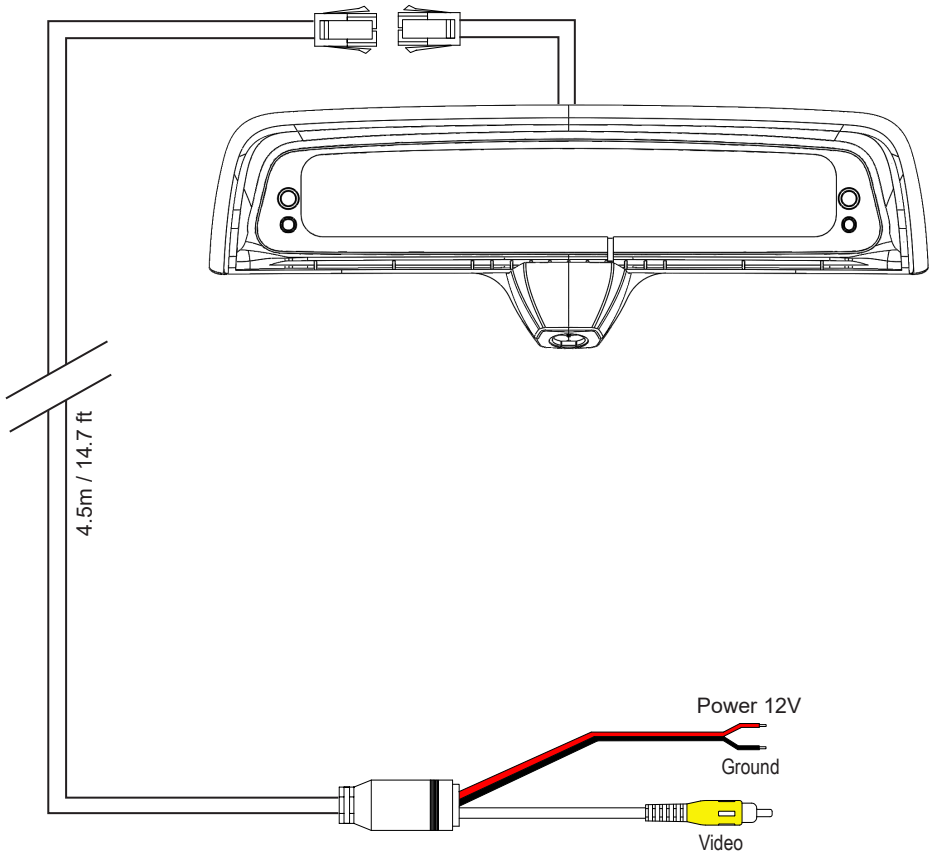
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Wiring Diagram



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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. ECHOMASTER 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 contact EchoMaster. This product is intended for off-road use and passenger use only.



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