

NAV-TV

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Trailer-CAM View (TCV)

Trailer-Camera kit with auto switching reverse image for various trucks

NTV-KIT920-KIT928



BHM
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NTV-DOC344

Overview

The Trailer-CAM View (TCV) kit provides the easiest way to add a reverse camera to any trailer and automatically display on the OEM screen when connected. This plug & play system T-Harnesses into your OEM Chevy, Ford or RAM truck reverse camera harness (beneath the tailgate of the truck) and after mounting the camera and extension to the trailer, installation is complete! No cutting of factory harness is required – *no interface or complex installation behind the radio screen is required whatsoever* – the entire system connects underneath the bed of the truck! **NOTE: the vehicle must be equipped with an OEM reverse camera to be compatible with this kit.**

Kit Content



Trailer camera extension cable

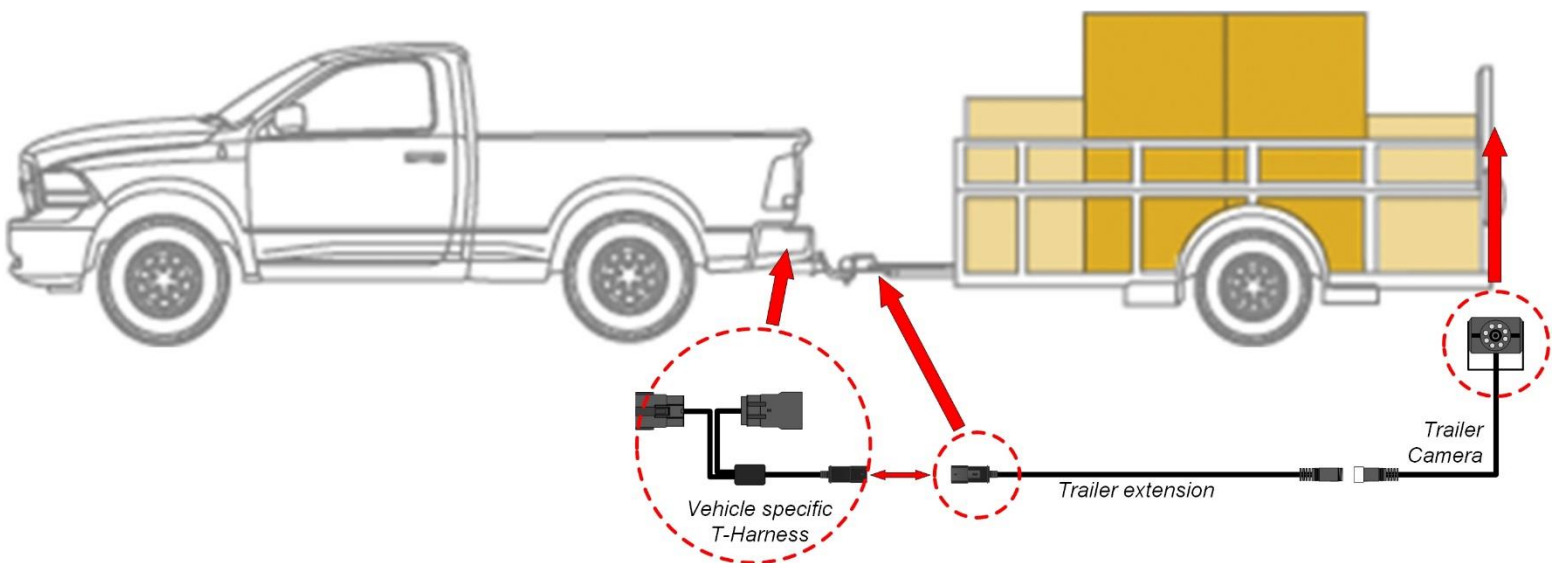


IP67-rated Trailer Camera
NTV-CAM140










Vehicle-Specific TCV
T-Harness with switching circuitry
(Note: T-Harness will vary per kit)

TCV Installation Diagram



Agreement: End user agrees to use this product in compliance with all State and Federal laws. NAV-TV Corp. would not be held liable for 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 entertainment only.

TCV Compatibility

MAKE	YEAR/MODEL	TCV Model	T-Harness SKU*	OEM connector	Required TCV SKU
Chevy/GMC	'14-'15 1500, '14 Canyon/Colorado	TCV-GM1	CAB149		NTV-KIT920
Chevy/GMC	'16+ GMC/Chevy 1500 and '15+ HD2500+	TCV-GM2	CAB150		NTV-KIT921
Ford	'15-'16 F150, '19 Ranger and '17+ F150 <i>with push button start only</i>	TCV-FORD1	CAB151		NTV-KIT922
Ford	'14+ SuperDuty (all), '19+ Ranger (chassis cab only) <i>--base-level SuperDutys need validation--</i>	TCV-FORD2	CAB152		NTV-KIT923
Ford	2017+ F150 <i>with blade key only</i>	TCV-FORD3	CAB153		NTV-KIT924
Ford	2016+ SuperDuty <i>with Ultimate Trailer Package (5-camera system) only</i>	TCV-FORD-AUX*	--Coming Soon--		NTV-KIT927
Ford	'13-'14 F150, 2017+ SuperDuty <i>wide-frame only</i>	TCV-FORD4	--Coming Soon--		NTV-KIT928
RAM	2013+ RAM 1500 and 2016+ RAM 2500/3500 (NOTE: not compatible with 2019 12" screen)	TCV-RAM1	CAB154	--Coming Soon--	NTV-KIT925
RAM	2015 RAM 2500/3500	TCV-RAM2	CAB127	--Coming Soon--	NTV-KIT926

*This kit is not a T-Harness. It still connects at the tailgate to an un-used 12-PIN plug. This kit will display via factory 'AUX' display (ultimate tow package only), it will **not override OEM reverse camera** like all other kits.

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TCV Trailer Camera Installation notes

- To find the OEM camera harness to intercept, look underneath the rear bumper and trace the OE tailgate junction harness *which runs from the tailgate*. To verify you're at the right harness, you should **lose the reverse image** with the harness disconnected. Connect the provided **TCV T-Harness** between the connection point there (after disconnecting the OE harness).



- Drill a small hole somewhere on the bumper where the provided tab will be connected for trailer camera connection standby.



- For all kits, the provided **Trailer Camera** is powered from the new harness using the same 12V source as the OEM camera. There is no need to find a separate power source. All signals required are provided from the T-Harness, to the trailer connection point.
- Find a sturdy, logical location for securing the provided trailer-camera.
- When running the camera extension, be certain the cable does not interfere with any moving parts along the trailer.
- Make sure to leave enough slack between the trailer and the truck so that the full range of motion of the trailer tongue area is not inhibited.
- If your trailer is longer than 10m (30'), extension cables are available in 5m or 10m lengths. *Contact NAV-TV to purchase (561-955-9770).*
- Once complete, placing the truck in reverse with a trailer connected, will show the trailer-camera image on the OEM screen. Once the trailer is disconnected, if the truck is placed into reverse, the OEM tailgate reverse camera will show normally.

