

DONGAR



16-PIN TYPE T

THREE-YEAR MANUFACTURER WARRANTY

We stand behind our products. If your item has a defect in materials or workmanship within three (3) years of purchase from an authorized dealer, we'll repair or replace it at no cost—just cover shipping and handling. Proof of purchase is required.

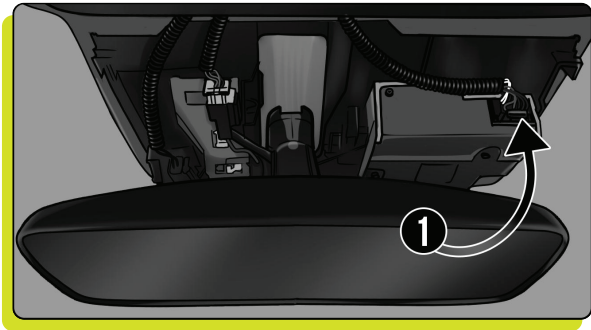
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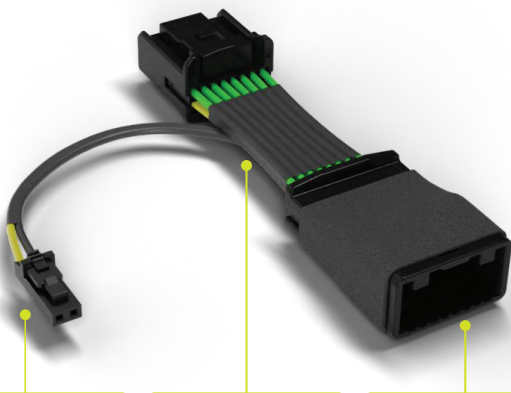
HOW IT WORKS

By sharing the power already flowing to your vehicle's lane-trace assist system, the **Dongar Classic** allows you to power your dash cam while maintaining all important OEM safety functions.

You'll achieve an invisible dash cam setup quicker and easier than ever before—no messy hanging wires or complicated fuse box installation.



HOW IT WORKS



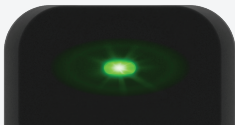
This small 2-pin connector plugs into the Dongar Classic USB module.

The male end plugs into your vehicle's port and no original functions are lost.

Your vehicle's original power source plugs directly into the female end of the adapter.

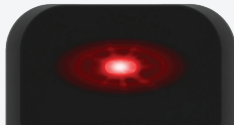
GREEN LIGHT

Your Dongar Classic will glow *green* when it is supplying **9-12V**.



RED LIGHT

Your Dongar Classic will glow *red* when it is supplying **5V**.



SAFETY FEATURES

READ CAREFULLY!

This section explains vehicle alerts as an additional safety net.

Toyota and Lexus vehicles are engineered with robust self-diagnostic features.

In the event of any malfunction or abnormality in the lane-trace assist system's operation—for instance, if the camera loses power or a fuse blows—the vehicle will immediately alert the driver via dashboard warnings or messages.

There are no known ways that the adapter could alter data or produce hidden errors in the lane-keeping system, as no data flows to the adapter. Your vehicle's safety systems are expected to work normally (with no warnings) or, **in the rare case of a fault, the system will disable itself and notify you plainly.** This fail-safe behavior is built into your vehicle by Toyota/Lexus.

The instrument cluster's multi-information display is designed to show warnings for any system malfunctions so that if the lane-trace camera or its power supply are ever compromised, you will get a clear, noticeable warning (such as "System Malfunction" or a similar message accompanied by various status symbols). This provides an extra margin of safety, as you will know right away if something isn't functioning as expected.

EXAMPLE WARNINGS:



SAFETY FEATURES

FUSE PROTECTION AND LOW CURRENT DRAW

The lane-trace power circuit is protected by a dedicated fuse in the vehicle's fuse box, just like any other accessory circuit. This fuse acts as a built-in safety mechanism.

In the unlikely event of a fault—such as a short or overload—the fuse will blow and cut power to prevent any damage, safeguarding your vehicle's wiring and electronics.

During our testing, we verified that the adapter's power draw remains well within safe limits for the circuit. The factory fuse for the lane-trace system is rated well above this level, so normal operation of both the power adapter and lane-trace system stay comfortably below the fuse threshold.*

In the unlikely event that something does go wrong (for example, a direct short in the adapter or connected device) we emphasize that the most likely outcome is simply a blown fuse; an event the car is designed to handle by design, with no further damage downstream. Replacing the fuse—and addressing whatever caused it to blow—will restore the circuit to normal.

The adapter also has over-current and over-voltage protection built in, ensuring yet another layer of safety for your peace of mind.

IN CASE OF A FAULT:

The lane-trace system will stop receiving power and the car should promptly display a fault alert for the driver.

Address the issue (e.g. replace the fuse or remove the adapter) **or consult your dealer before continuing to operate the vehicle.**

*For more information, please refer to the corresponding product page on our website.

WHAT'S INCLUDED

A - CLASSIC USB MODULE

A USB module that transfers power from your wiring harness to your dash cam. Compatible with all USB devices via included short USB cable (Item B).



B - SHORT USB CABLE

Used to connect your dash cam to your USB module.



C - WIRING HARNESS

This 16-Pin Type T wiring harness is used to transfer power from your vehicle to the Classic USB module (and then to your dash cam), while also conserving all OEM functions.

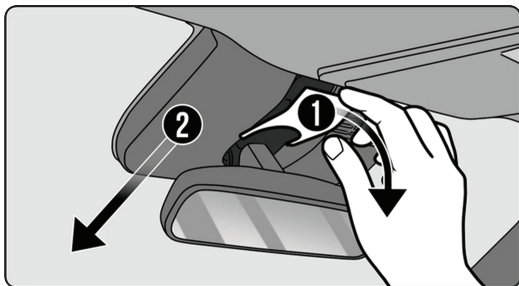


INSTALLATION INSTRUCTIONS

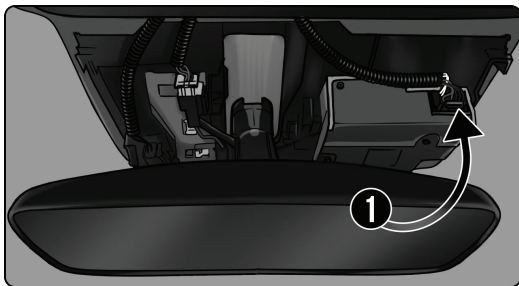
TIP:

Always turn your vehicle off before beginning installation.

1. Turn your vehicle [OFF] and tilt your rearview mirror down for better access to the shroud.
2. Remove the plastic shroud (it is composed of 2 separate pieces):
 - a. Disconnect the smaller middle piece by gently pulling down on it.
 - b. Then, remove the larger outer panel by pushing down and away toward the windshield and dash.



3. With both panels off, you will now have a clear view of the connectors. The connector required for this installation is the prominent connector on the lane trace assist module. Disconnect it by depressing the tab and pulling the connector straight out.



INSTALLATION INSTRUCTIONS

4. Connect the Dongar adapter:
 - a. Plug the male end of the Dongar wiring harness (Item D) into the now-empty connector port from Step 3.
 - b. Plug the male end of the vehicle's harness (that you unplugged in Step 3) into the female end of the Dongar wiring harness (Item D).
 - c. Plug the small 2-pin connector of the wiring harness (Item D) into the USB Module (Item A).

Note: Ensure that all connections are securely fastened. You should hear a click when properly seated.

5. Turn your vehicle [ON] and confirm that the USB module is receiving power (you should see a green or red light). Once you have confirmed that power is properly running, unplug the USB Module (Item A). You will plug it in again later.
6. Tidy up the cables and reassemble the plastic shroud to contain them:

- a. Reattach the larger panel back to the vehicle.
- b. Once the larger panel is in place, tuck any excess cable within the shroud.

Do not tuck the 2-pin end of the wiring harness (Item D) into the shroud. You will need this exposed to connect it back to the USB Module (Item A).



- c. Route the small 2-pin end of the wiring harness upwards and reattach the smaller panel of the shroud so that the 2-pin end remains sticking out of the top of the shroud.
- d. Connect the 2-pin end back to the USB Module.



INSTALLATION INSTRUCTIONS

7. Mount the USB Module (Item A) by peeling the cover off of the attached 3M backing and firmly pressing the module in the desired location for about 30 seconds to ensure it is properly adhered. We recommend attaching the module to the side of the plastic shroud, but you can attach it in whatever position works best for your dash cam setup.
8. Install your dash cam by selecting the appropriate short USB cable (Item B) and plugging one end into the USB-C port on the module (Item A) and the other end into your dash cam's power port.
9. Turn your vehicle [ON] to ensure the dash cam turns on. Once you have confirmed power is running to the dash cam, mount the dash cam on a spot on your windshield with a clear view of the road.
10. Confirm that no warning messages appear on your instrument cluster display.

To view these instructions online, scan the QR code below.



If you need more help installing your Dongar adapter,
visit <https://dongar.tech/installationhub>