

TENERE700-OFFROAD-DONGLE-2025



TENERE-OFFROAD-DONGLE-2025
INSTALLATION MANUAL

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Thank you for choosing our products. We strongly advise you to read this user manual thoroughly. It contains important instructions about installation, setup and use of the offroad Dongle.

Basic information

The Dongle eliminates the annoying and time-consuming need to switch OFF the Traction control and Rear ABS or the entire ABS system when riding in hard off-road conditions. It does so by modifying the behavior of the stock ABS button next to the dashboard and enabling memory for your ABS settings.

Installation

For detailed installation steps please follow the video manual in this link or scanning the QR code.

https://youtu.be/RrJgHbtBARI?si=57-q7J8Celwp_g07



1. Remove the windscreen

- Holding on 6 screws.

2. Remove the left side plastic panel.

- Remove 3 steel bolts and 4 plastic “bolts”.
- Pull-out the cover from the push-on clips.
- Disconnect the flasher connector.



3. Dismount the dashboard

- **Before doing this, place a piece of fabric on the centre of the handlebars to prevent scratching the dashboard screen after dismounting it.**
- Unscrew the 2 bolts underneath the dashboard and the 1 bolt on the backside of the dashboard.
- Disconnect both connectors.

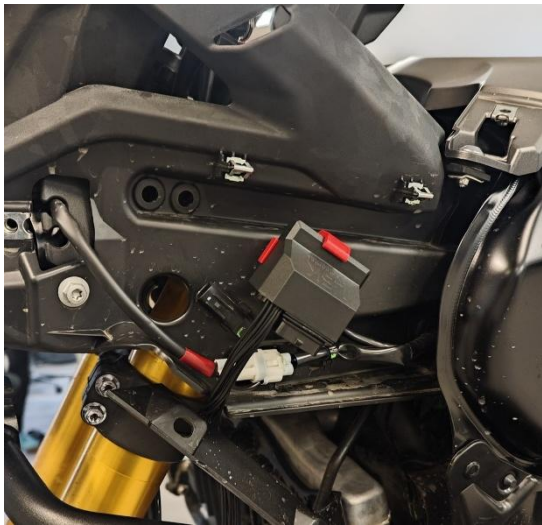
4. Assemble the Dongle Holder

- Assemble the two larger plastic parts together and secure them with the screw.
- The O-ring keeps the Dongle firmly in place, as shown in the picture below.



5. Fix the Dongle with the holder on its place.

- Use the large plastic washer, steel washer and nut. **Do not overtighten it! You are working with plastic.**



6. Install the harness holder

- Install the included stainless-steel plate under the lower-left screw that holds the headlight. It will serve as a support for the harness. **We recommend threading the zip tie through the hole before installing the plate.**



7. Connect the harness

- Route the harness that was previously connected to the dashboard toward the Dongle.
- Route the harness from the Dongle back to the dashboard.
- Use the 2-pin extension cable included in the package to reconnect the remaining wire back to the dashboard (ambient temperature sensor).

8. Install the dashboard with the connected harness

- Fasten the dashboard using 1 screw first to hold it in place. Double-check that no cable is pinched.

9. Sort-out the wires

- All wires must be neatly arranged, not overlapping, and secured with cable ties. Space is limited, and the front fork may otherwise damage them.
- **Double-check that the fork does not bump the harness when steering to the maximum turn.**

A properly organized harness may look like this:



10. Try the proper function of the Dongle

- Short press of the ABS button should toggle rear ABS (now it is displayed as a single yellow “ABS” icon) and also toggle TCS icon.

11. Reinstall all previously removed parts.

- Reinstall the dashboard, side plastic panel, and the windscreen.
- That's it - enjoy your off-roading!

Dongle control

The new behavior of the motorcycle's ABS and Traction Control settings is demonstrated in the video linked below. Please scan the QR code with any QR reader app or visit the video directly:

<https://youtu.be/S7kt82A4BT4>



Dongle is controlled using the OEM “ABS” button on the left side next to the dashboard.

- Shortly press toggle between [ABS ON + TC ON] and [Rear ABS OFF + TC OFF].
- Press and hold for 1s turn the [FULL ABS OFF + TC OFF].

We intentionally avoided modifying any OEM dashboard or ECU settings to ensure that the Off-Road Dongle does not affect the motorcycle's warranty. Within the limits of what is possible without altering the ECU firmware, we designed the following behavior:

1. ABS and TC control via the dashboard menu

The ECU and Traction Control system can still be controlled in the original way using the dashboard menu. All control lights and symbols on the dashboard work exactly as they do without the Dongle.

After restarting the bike, your settings will be retained in memory, and the behavior of the indicator lights will switch to Dongle Mode.

2. ABS and TC control over the ABS button (Dongle Mode)

ABS ON:	No ABS symbol displayed.
Rear ABS OFF:	Upper yellow ABS symbol displayed.
ABS completely OFF:	Upper and lower ABS symbols + grey “ABS...” note in the corner of the screen displayed.

3. Control ABS and TC during riding

When pressing the ABS button while riding, the Dongle stores the request and the corresponding indicator lights begin flashing.

The request is executed immediately after the motorcycle comes to a complete stop.

- Safety note:

Please be careful. This device enables memory for the ABS and Traction Control settings. ABS and/or Traction Control may remain OFF when you — or someone else — sits on the bike assuming they are ON.

Always check the ABS and TC indicators before riding. Use of this device is at your own responsibility.

Warranty

The warranty period and terms are governed by Business Terms and Conditions available at <https://www.lskelectronics.com/legal>. Limited Warranty covers any defects in material or manufacturing defects under normal use and maintenance.

We reserve the right not to accept the claim in the case of mechanical damage that could be related to the defect of the product or if the product was disassembled by unauthorized service.

This limited warranty also does not cover any problem that is caused by conditions, malfunctions or damage not resulting from defects in material or workmanship.

During warranty period, we will repair or replace defective product or defective parts. To obtain warranty service you must first contact us at <https://www.lskelectronics.com/contact> to determine the problem and the most appropriate solution for you.

Safety notice

a) Installation

This device must be installed by specialized garage or service or by the person with appropriate skills. Inappropriate mounting or electrical connection may result in damaging this or any other electrical devices in the motorcycle. Improper installation of electronic devices can lead to a fire resulting in damage the motorcycle and the owner's health.

b) Small parts

Device contains small parts – keep away from children.

c) Road-use approval

Device is not approved for use at public roads. You use it at your own risk and responsibility.

d) Legal

This device does nothing more than what can be set by hand on the original instrument panel. It just combines all the procedure to one click or does it automatically (in case that ABS/Traction Control remains in other state than ON after turning the bike ON). But even in this case and even if the device is in deactivated state, it still interferes with other onboard electronics systems that was originally tested and approved for road-use without this device. The motorcycle is not approved for use on public roads if this device is installed.

e) Safety

This device interferes with other onboard electronics systems even if it is in disabled state. In case of its failure some safety systems can be unavailable. By installing this device, you assume all responsibility for possible damage to health and property caused by the incorrect function of this device and the subsequent malfunction of other electronic systems of the motorcycle.

f) Using this device

Please be careful during all riding and especially when you turn OFF the electronic assistants. Turn them OFF only when you really know what you are doing!

Troubleshooting

If you obey all the instructions, this Dongle should work properly without problems and without any error states. In case of any problems, feel free to contact us.

1. Dongle is not working – it is not possible to control ABS with OEM “ABS ON” button and/or ABS memory is not working.

Communication of the Dongle failed.

- Check both Dongle connectors (look into them and check if there is no corrosion or bend on any pin)
- Check the wires and look for worn insulation or wires pulled-out from the connectors.

2. Malfunction indicators on the dashboard.

Correctly working Dongle should not activate any of the malfunction indicator lights.

If nothing helps, contact us at <https://www.lskelectronics.com/contact>.

Recycling

Retired device should be given to places specified for retrieving electrical garbage.
Package should be thrown into a specific container for recycled garbage.

Device meets RoHS Directive.



www.lskelectronics.com
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Product website

