

TENERE700-OFFROAD-DONGLE-LCD-Ex



TENERE700-OFFROAD-DONGLE
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

Dongle eliminates the need for the annoying and time-consuming switching OFF the ABS System when you riding in hard offroad by tweaking the behavior of the stock ABS button placed on the dashboard, enabling the memory for ABS settings and introduces the capability to control the rear ABS independently.

Technical specification

Energy consumption:	<1W
Fuse:	Internal self-resettable fuse (not changeable)
Working temperature:	-30°C to +90°C
Dimensions:	29 x 63 x 16.5mm
Environmental resistance:	IP69 waterproof, shockproof.

Installation

For detailed installation steps please follow the video manual in this link. Please, scan it with QR code reader app or continue to product website:

<https://www.lskelectronics.com/store/Yamaha-Tenere-700-Off-Road-Dongle-p614712035>



1. Remove the entire seat.
2. Remove the right-side cover (the triangular one in the place of the front seat).
3. Secure the Dongle to the empty holder close to the positive battery pole. Wires are facing DOWN.

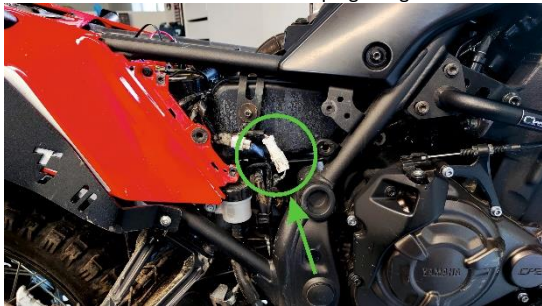


4. Locate 4pin (EURO4) or 6pin (EURO5) sealed diagnostic connector (next to the fuse box) and plug the Dongle in.

(If it's already occupied by another accessory, use a splitter, which you can purchase from our e-shop.)



5. Locate 2pin sealed rear ABS sensor connector on the right side of the bike. Disconnect it and plug Dongle in between.



6. Arrange the wires.
7. Try the proper function of the Dongle.
8. Install all the side cover and the seat back.

Dongle control

New behavior of the motorcycle's ABS settings is shown on video in this link. Please, scan it with QR code reader app or continue to product website:

https://www.youtube.com/watch?v=jPGMH_b3sIQ



ABS System is now controlled using the OEM “ABS” key on the dashboard.

- Shortly press for toggle between ABS ON and Rear ABS OFF.
 - *Switching between ABS ON and REAR ABS OFF can be done when the bike is still or moving.*
 - *Rear ABS OFF is indicated by control light on the dashbard. From technical reason the ABS control light is steady-ON when the bike is not moving and flashing once per 4 seconds during riding.*
- Press and hold for min. 3s for turning the whole ABS System OFF.
 - *Entering or exiting whole ABS OFF mode can be done only when the bike is not moving.*
 - *Whole ABS system OFF status is indicated by the “OFF-ROAD” note on dashboard.*

Please be careful. The device enables the memory for the ABS settings. ABS can remain OFF when you or anyone else sits on the bike and expect that it is ON. Always check the ABS indicator before ride. It is on 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 should be installed by specialized garage or service. 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, even in deactivated state, 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. Device is designed for off-road use with experienced riders and it is not tested and approved as safety device. In case of its failure ABS system can be unavailable or braking capability of the bike can be affected – especially at rear wheel. 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 ABS system. 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. 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.

- Check the LED on the Dongle. It must turn ON for a short moment after start the keyswitch and then go OFF. It symbolizes that the communication with ECU is working.
- If not, then turn OFF the keyswitch. Unplug and plug-in the diagnostic connector. Dongle must flash one time after connection. If it not flash, the problem is in power supply (red/black wire) or the Dongle is damaged. Try it two or three times.

2. ABS Malfunction indicators on the dashboard (the left upper orange ABS symbol on dashboard).

A properly functioning dongle should not trigger any malfunction indicator lights.

While we did our best to handle all abnormal situations, an ABS error state might sometimes occur if the bike is restarted at higher speeds or rear ABS is switched with a blocked wheel, leading to the ABS malfunction light turning ON and disabling the ABS system.

To resolve this, stop the bike, turn OFF and then restart the ignition with the keyswitch. The error should disappear after reaching speeds above 10 km/h. If the issue persists, or if ABS malfunction symbols appear during normal riding, it may indicate a wiring problem between the Dongle and the ABS sensor connectors, or malfunction of the Dongle itself.

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.



LSK
**Motorcycle
Electronics**
www.lskelectronics.com
info@lskelectronics.com

Product website:

