

CLS • Chain Lube Systems



sure the vehicle's ignition and engine are turned off. Also, make sure the battery's screws are back on tightly afterwards. There is always the danger of a short-circuit when dealing with batteries! Never short-circuit the battery poles – explosion hazard!

Maximum output:

The system has a maximum uninterrupted current of 10A. (120Watt).

Connecting a load:

Attach the enclosed 12V connectors to the desired load's cables. Now, link the CLS Connect's connectors with the load's connectors. Visible here, with blue sleeves.

If the load needs less than 12V, please interpose a corresponding adapter. Some navigation systems come with the adapter being enclosed in the socket. In this case, the socket would need to be linked with the CLS Connect, too.



Thank you for choosing the CLS Heat! Please read this manual thoroughly before the installation. If any questions occur, we will be happy to answer them to you.

Installation:

Look for a nice position to place the electronic unit ①. The electronic unit can be placed in any position, it's waterproof and completely shock-resistant. Basically, you can place the blackbox anywhere you want. Route the cables to the battery and attach the two power cables to their respective battery poles.

Attention:

Mind the polarity! The red cable (with the fuse holder) is for the battery's + pole, the black one for its - pole. When attaching the cables, make

MOTORRAD
Test Ausgabe 10/2008:
"sehr empfehlenswert"

MotoRoute MAGAZIN
DER TOP TIPP ★★★★★
"Wir haben das System
getestet, eine geniale
Erfindung!"

REISE *trips on*
MOTORRAD
EMPFEHLUNG

Heft 5/2005
Ausstattung/
Verarbeitung ★★★★★
Preis-Leistungs-
Verhältnis ★★★

moto traveller

Heft 1/2006
Fazit: "CLS Heat über-
zeugt durch solide
Verarbeitung, einfache
Montierbarkeit und vor
allem durch eine sehr
angenehme Regelung
der Heizwirkung."

MOTORRAD NEWS
TIPP

Heft 10/2009 200 µ
einfache Bedienung,
gute Anleitung,
gleichzeitige Temperatur-
bedingte Viskositäts-
unterschiede aus.
Heft 10/2009 Speed
Einstellung und
Bedienung funk-
tionieren wie am
Schnürchen.

TOPTIPP
MotoRoute MAGAZIN

Heft 2/2006
Sieger im Vergleichstest
CLS 200 µ vs. Scottoiler

PS
Tipp

Heft 12/2003
Urteil für den
CLS 200 µ
sehr gut

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highest quality.
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All products are available at your local specialized trade, or at www.cls-evo.de

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Have a safe trip!
Your CLS Team

CAN Bus Adapter



CLS Connect - electronic switch-module Installation Guide & Instruction Manual

5 years
warranty!



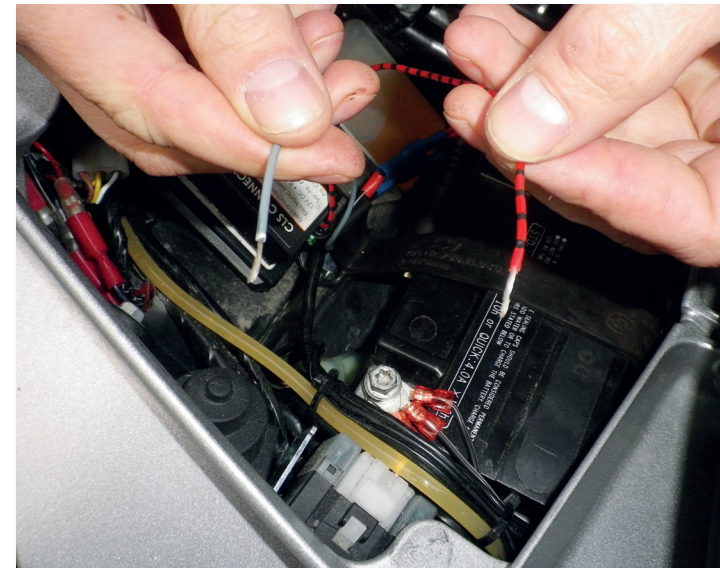
INNOVATIVES MOTORCYCLE-ACCESSORIES

CLS Connect - electronic switch-module

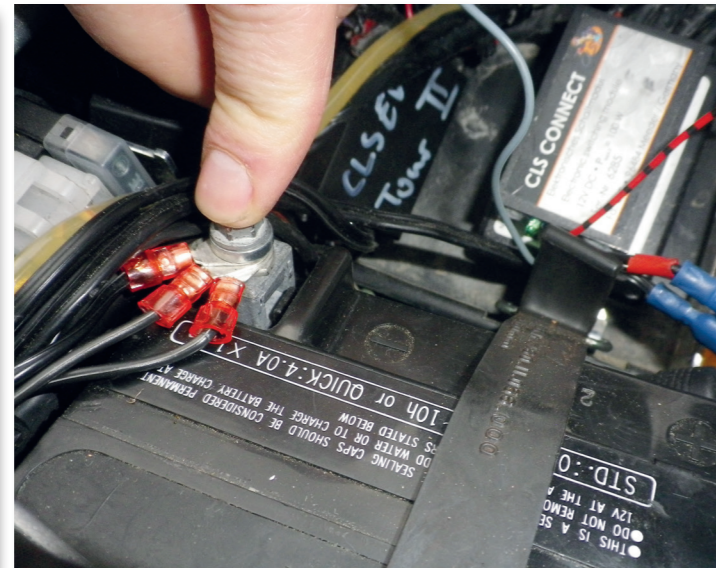
Never lay cables alongside the ignition coil/spark plug sockets. This could lead to disturbances in the system.

Important! Mind the correct polarity!

The connected device is now automatically turned on and off with the vehicle's engine, by the system. If you wish to have a follow-up time (e.g. for your navigation system), you can easily set one.



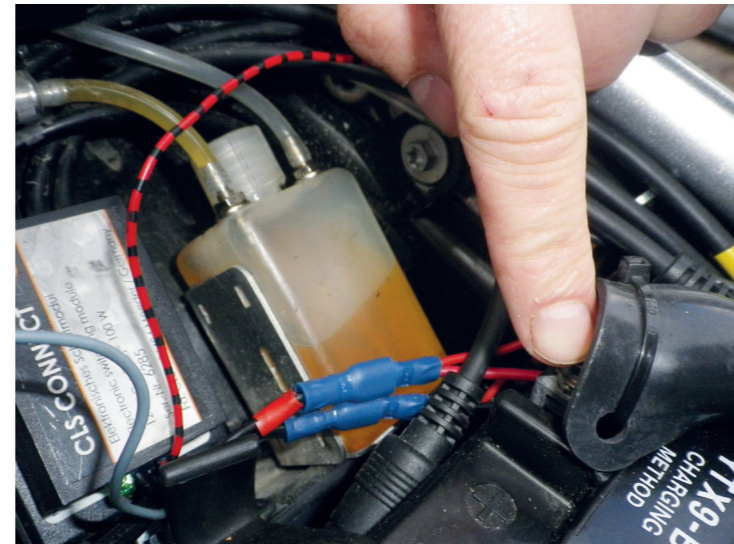
Kabel ab isolieren



Graues Kabel auf Masse halten

Setting a follow-up time:

First, put the gray cable on mass (the - pole of the battery, or a plain piece of metal of the casing, a screw for example). Next, activate the CLS Connect by either starting the engine, or (if you don't want to have the engine running) putting the black-red cable onto the + pole of the battery.

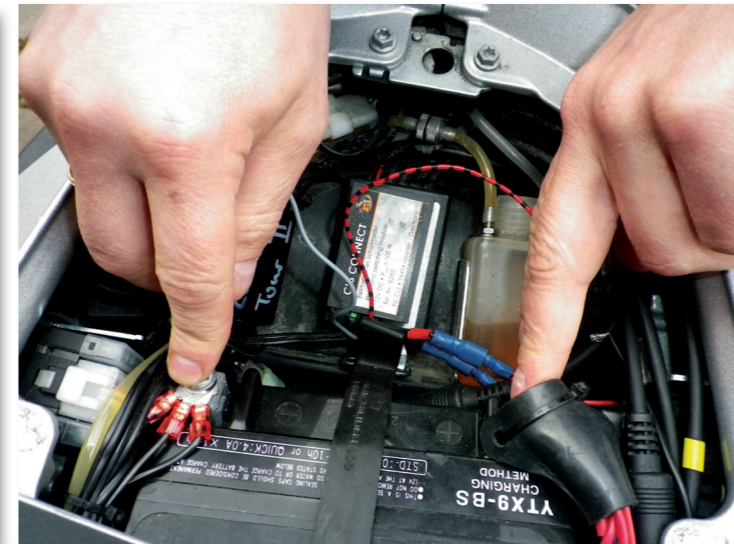


Rot-schwarzes Kabel auf + halten

The system's diode should now be glowing. The Connect is programmed to make the follow-up time 10 times the amount, you let the system activated, to shorten the setting-process.

For example: if you put the gray cable on mass (as described above) for 6 seconds, the CLS Connect will turn off every connected device 1 minute after the engine has been turned off.

You can change the follow-up time whenever you want. The follow-up time won't be erased if you disconnect the CLS Connect from the battery.



Beide Kabel während der Nachlaufzeiteingabe

You can erase the follow-up time by putting the black-red cable on the + pole of the battery and holding the gray cable on mass for a very brief moment. You can connect as many devices to the CLS Connect as you want, as long as the maximum output of 120Watt is not exceeded.

Important:

Put some insulation on the end of the cables after setting a follow-up time, to prevent short circuits.

Installing the CLS Connect on specific motorcycles:

On some specific models of motorcycles, the CLS Connect gets automatically turned off, even though the engine is still running. That is because of the motorcycle's alternator-regulator. In this case, connect the black-red cable to the + wire of the rear light. The CLS Connect should be turning the connected devices on and off with the ignition current. Models affected by this are for example the Honda Varadero (since model 2002), Honda VFR 800 (since model 2002), Honda VTR (since model 2002), Husqvarna Nuda 900, Kawasaki Versys 650, Kawasaki ER-6, MotoGuzzi (all newer models), some of KTM's older LC4 models, Suzuki V Strom 1000 (since model 2014).

This list does not contain all affected models.

You will need to check if the system turns off, while the engine is running idle. As long as the system is running, the LED on the short side of the Connect is blinking.

If the vehicle is standing idle for a period of over 2 months, we recommend detaching the system from the battery or removing the fuse. Otherwise, the battery may be discharged too much.

Attention, when loading the battery with a charger:

Some chargers cause a rippled voltage, making the system think the engine has been started and thus turning itself and the attached devices on. Try out your charger with the system installed. If this case occurs, you will need to remove the system's fuse when using your battery charger. Don't forget to put it back in afterwards!

