Locate the cable coming from left the handlebar switch and find an accessible spot.

Remove main insulation, locate and cut 3 wires (left, right and flasher signal wire), and crimp the red bullet connectors. Then locate power supply* (12 V and GND).

Locate the cable coming from left the handlebar switch and find an accessible spot.

Connect power supply* with violet TAB connectors (12 V, GND). Then connect the green, yellow and blue STS wire with the wires going to the motorcycle**.

Connect remaining 3 STS wires (white, brown and purple) with wires going to left handlebar switch (left, right and flasher signal wire).

Attach the STS unit to firm mounting spot. Logo must be pointing upwards and arrow in driving direction.

Reassemble all components back to its original place and ride safer with:

---

*Power supply must be taken from ACC wire (ignition key switch 12 V), not permanent 12 V from battery.

**As soon you connect the five wires and turn the ignition on, one or two flashes will appear. Do not proceed with installation process if you don’t see a flash.
Do not connect white, brown and purple STS wire in this step! These three wires will be connected in the one of the next steps.
IMPORTANT! Colours listed in the chart below are informative and may not be the same as on your motorcycle. Please check in your service / repair manual before startin the installation.

### Universal wire colour chart

<table>
<thead>
<tr>
<th>STS</th>
<th>COLOUR</th>
<th>CONNECTOR</th>
<th>HONDA</th>
<th>YAMAHA</th>
<th>KAWASAKI</th>
<th>SUZUKI</th>
<th>VESPA</th>
<th>TRIUMPH</th>
</tr>
</thead>
<tbody>
<tr>
<td>POWER SUPPLY (+12V)</td>
<td>FASTON MALE</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td></td>
</tr>
<tr>
<td>GROUND (GND)</td>
<td>FASTON MALE</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td></td>
</tr>
</tbody>
</table>

### Wire to Motorcycle:

<table>
<thead>
<tr>
<th>RIGHT TO MOTORCYCLE</th>
<th>MALE BULLET</th>
<th>Light Blue</th>
<th>Dark Green</th>
<th>Orange</th>
<th>Light Blue</th>
<th>Blue / Black</th>
<th>Orange</th>
<th>Grey</th>
<th>Light Green</th>
<th>White / Blue</th>
<th>Grey</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIGNAL TO MOTORCYCLE</td>
<td>MALE BULLET</td>
<td>Grey</td>
<td>Brown / White</td>
<td>Orange</td>
<td>Light Blue</td>
<td>Blue / Black</td>
<td>Orange</td>
<td>Grey</td>
<td>Light Green</td>
<td>White / Blue</td>
<td>Grey</td>
</tr>
<tr>
<td>LEFT TO MOTORCYCLE</td>
<td>MALE BULLET</td>
<td>Orange</td>
<td>Chocolate</td>
<td>Green</td>
<td>Black</td>
<td>Pink</td>
<td>Green</td>
<td>Grey</td>
<td>Light Blue</td>
<td>White</td>
<td>Grey</td>
</tr>
</tbody>
</table>

### Wire to Turn Signal Switch:

<table>
<thead>
<tr>
<th>RIGHT TO HANDLEBAR</th>
<th>FEMALE BULLET</th>
<th>Light Blue</th>
<th>Dark Green</th>
<th>Orange</th>
<th>Light Blue</th>
<th>Blue / Black</th>
<th>Orange</th>
<th>Grey</th>
<th>Light Green</th>
<th>White / Blue</th>
<th>Grey</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIGNAL TO HANDLEBAR</td>
<td>FEMALE BULLET</td>
<td>Grey</td>
<td>Brown / White</td>
<td>Orange</td>
<td>Light Blue</td>
<td>Blue / Black</td>
<td>Orange</td>
<td>Grey</td>
<td>Light Green</td>
<td>White / Blue</td>
<td>Grey</td>
</tr>
<tr>
<td>LEFT TO HANDLEBAR</td>
<td>FEMALE BULLET</td>
<td>Orange</td>
<td>Chocolate</td>
<td>Green</td>
<td>Black</td>
<td>Pink</td>
<td>Green</td>
<td>Grey</td>
<td>Light Blue</td>
<td>White</td>
<td>Grey</td>
</tr>
</tbody>
</table>

### Watch the installation video

![YouTube video](https://www.youtube.com/watch?v=12345)

### How STS works

**User Manual**

- STS recognizes and differentiates:
  - Left or right turn
  - Changing lane
  - Roundabout
  - Overtaking

- When you activate the left or right turn-signal lever, the turn-signal will start flashing.

- If you want to cancel the turn-signal, push the lever to the same side again.

- After each manoeuvre the STS cancels turn-signal automatically.

- STS recognizes when the vehicle is stationary and will not cancel the turn-signal.

- If STS does not cancel the turn-signal after the actual manoeuvre, the in-built timer will cancel the turn-signal after 15 seconds of driving.

### Attach STS unit to firm mounting spot

- STS unit has approx. 40 cm (16") of cable so it must be located near listed wires on a motorcycle.

- The mounting spot for the STS unit should be flat and fairly horizontal.

- The STS device should be fixed to the chassis, not on the rudder or any other moving part of the motorcycle.

- It is recommended to fix the STS module with ZIP Ties, so try to find a spot that allows this and attach it firmly.

- The module must be installed with the STS logo facing upwards.

- The arrow of the STS Logo must be pointing forward (in driving direction).

- If necessary use velcro or industrial double-side tape (not included) to ensure a secure mounting.

- Mount the unit away from heat sources, such as the engine or exhaust.

### How it works?

**Type 1:**

- Honda, Yamaha, Suzuki, Kawasaki, Triumph,… (Switch may vary in visual appearance)

**Type 2:**

- Scooters, Moped

**Disassembly of Smart Turn System**

- Modify turn-signal switch from latching to momentary

- Opened switch type
- Insert smaller foams into switch mechanism cavities with tweezers.
- Reassemble switch with inserted foams back to handlebar.

- Covered switch type
- Be careful not to lose the ball bearing and the spring.
- Insert to spacer from the kit.
- Reassemble the switch without the spring and the sphere inside.

### Warranty

- Limited Warranty applies to physical goods, and only for physical goods, purchased from Movalyse d.o.o. (the "Physical Goods").

- Movalyse d.o.o. will either repair the Product at no charge, using new or refurbished replacement parts. The Warranty Period for Physical Goods purchased from Movalyse d.o.o. will either repair the Product at no charge, using new or refurbished replacement parts. The Warranty Period for Physical Goods purchased from Movalyse d.o.o. is 365 days from the date that the product was shipped.

### Customer reviews

- For Honda, Yamaha, Suzuki, Kawasaki, Triumph,… (Switch may vary in visual appearance)

- 5 stars

### Improper installation or operation of Smart Turn System

- Smart Turn System device has to be installed according to Movalyse installation manual. If you are not sure about any part of installation manual or your motorcycle wiring scheme please contact Movalyse d.o.o. or support@safer-turn.com

### Modify turn-signal switch from latching to momentary

- Remove top plastic cover with a screwdriver.

- Carefully extract the inside of the switch with tweezers.