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

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

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

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

Insert supplied foams into turn signal switch.

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 one of the next steps.
### 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>FEMALE BULLET</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>Green</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>Black</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>Gray</th>
<th>Light Green</th>
<th>White / Blue</th>
<th>Gray</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIGNAL TO MOTORCYCLE</td>
<td>MALE BULLET</td>
<td>Gray</td>
<td>Brown/White</td>
<td>Orange</td>
<td>Light Blue</td>
<td>Blue / Black</td>
<td>Orange</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>
</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>Gray</th>
<th>Light Green</th>
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<td>FEMALE BULLET</td>
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<td>Chocolate</td>
<td>Green</td>
<td>Black</td>
<td>Pink</td>
<td>Green</td>
</tr>
</tbody>
</table>

### Watch the installation video

https://www.youtube.com/watch?v=Pg693JMENfY

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**IMPORTANT!** Colours listed in the chart are informative and may not be the same as on your motorcycle. Please check in your service / repair manual before starting the installation.

**Disclaimer**

To the maximum extent permitted by applicable law neither Movalyse d.o.o. nor its suppliers, its subcontractors, its affiliates, officers, directors, employees, dealers or agents shall be liable to you or to any third party for any incidental damage including personal injury or any other damages, whether direct, special, incidental, indirect or consequential arising out of or related to:

- Smart Turn System not working correctly due to improper calibration of the system and/or any other usage that is not in comply to Smart Turn System user manual.
- Damage made on motorcycle due to improper installation and/or improper use of Smart Turn System.
- Turn signals not blinking due to improper installation or calibration.
- Smart Turn System not cancelling turn signals after the end of manoeuvre.
- Smart Turn System not cancelling turn signals due to improper material or workmanship.
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A replacement Physical Good or part assumes the remaining warranty of the original Physical Good or 120 days from the date of replacement or repair, whichever is longer. This Limited Warranty does not cover any problem that is caused by: conditions, risks, incidents or damage not resulting from defects in material or workmanship. To obtain warranty service, you must first contact our support@safer-turn.com to determine the problem and the most appropriate solution for you.

**How it 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-signals, push the lever to the same side again.

  After each manoeuvre the 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.

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**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 point 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).
- The module must be secured as it is a moving part of the motorcycle.
- 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.

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**How STS works**

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

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**Type 1**

- Scooters, Mopeds
- Disassemble the switch from the handlebar.
- Remove top plastic cover with a screwdriver.
- Carefully extract the inside of the switch with tweezers.

**Type 2**

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

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

**Insert smaller foams into switch mechanism cavities with tweezers.**

**Reassemble switch with inserted foams back to handlebar.**

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**Customer reviews**

To request additional support, you can contact Movalyse d.o.o. at support@safer-turn.com for any issues with installation or operation. Movalyse d.o.o. provides a replacement Physical Good under warranty if the problem cannot be resolved.

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**Manufacturer**

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