Comfort Module

Memory module of key „Auto Start/Stop Off”

RoHS

FENIX K. Skowroński general partnership, 62-230 Witkowo, ul. Strzałkowska 6
tel. 732 545 100, e-mail: office@autoemulator.com , autoemulator.com

Memory module of key „Auto Start/Stop Off”

1. Product description:

   Device is designed for cars equipped with key which turn on/off Auto Start/Stop function. This key in majority of cars has only short-term memory - which means that every start of car erase last state of key. That require pressing key again. Applying Key Memory Module allows to save state of key which was before turning off car ignition. After turning on car ignition the key will be automatically set to last saved state.

2. Module wires description:

Red	RED	ACC +12V
Green	Green	Signal different than +12V
White	White	signal
Brown	Brown	GND

3. Module LED diodes description:

Green		Emulator power supply
Red		Action confirmation

4. Service mode:

   Service mode allows to turn off key memory module without physically disconnecting it from car. For this purpose press "Auto Start / Stop key" before starting ignition, turn on car ignition while holding the "Auto Start/Stop" key. Key can be released 4 seconds after turning on ignition. Turning off service mode is done same way as turning on.

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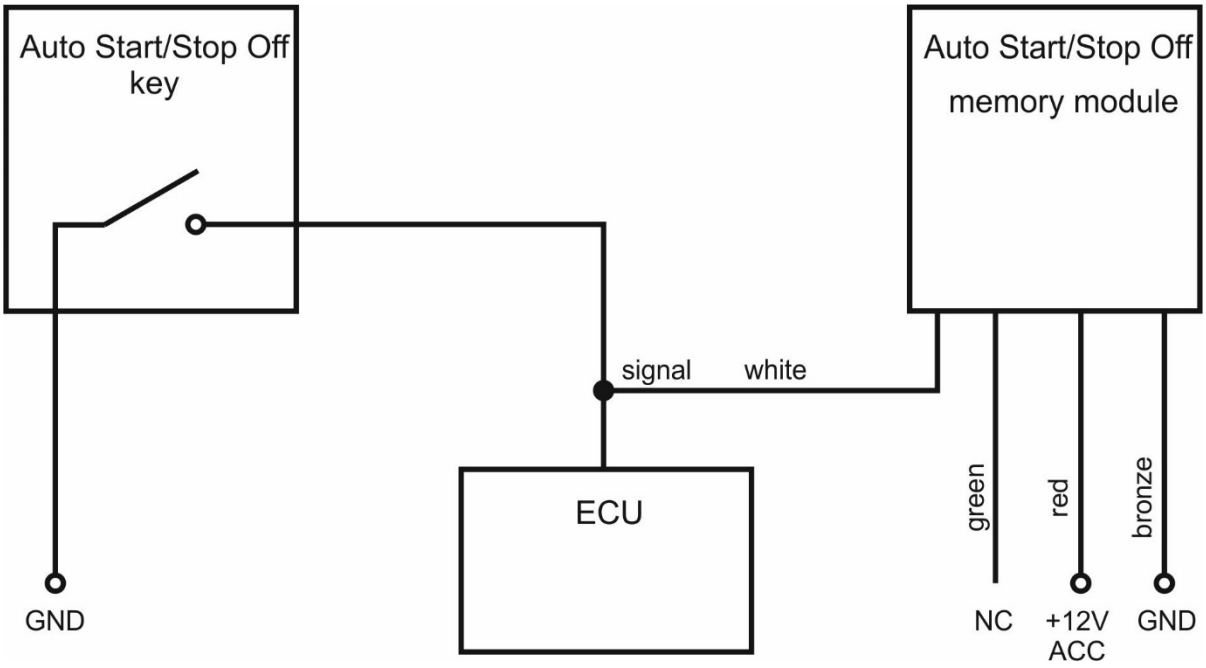
5. Methods of connecting module to installation:

a) Variant I

If steering wire voltage (leading from key to controller):

- equals 12V - while "Auto Start/Stop" key is off
- equals 0V - while "Auto Start/Stop" key is on

switches should be set to positions: 1- OFF, 2- OFF, 3- OFF, 4- OFF, and connect module to car installation according to this scheme:



b) Variant II

If steering wire voltage (leading from key to controller):

- equals 0V - while "Auto Start/Stop" key is off
- equals 12V - while "Auto Start/Stop" key is on

switches should be set to positions: 1- ON, 2- OFF, 3- OFF, 4- OFF, and connect module to car installation according to this scheme:

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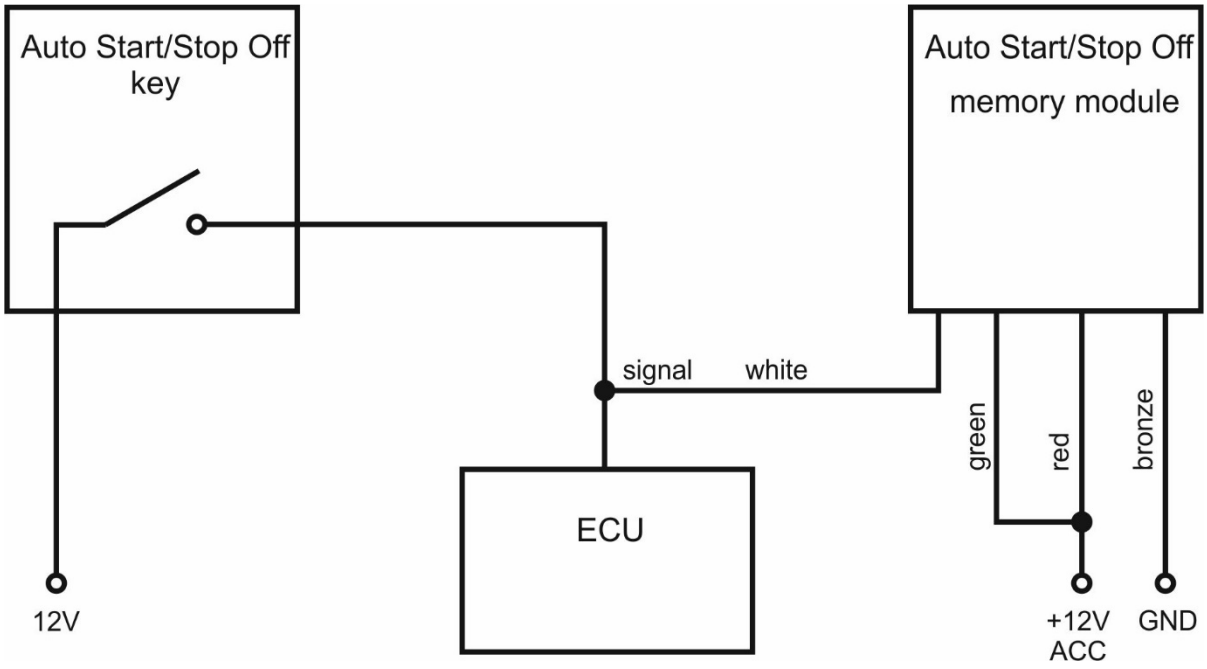
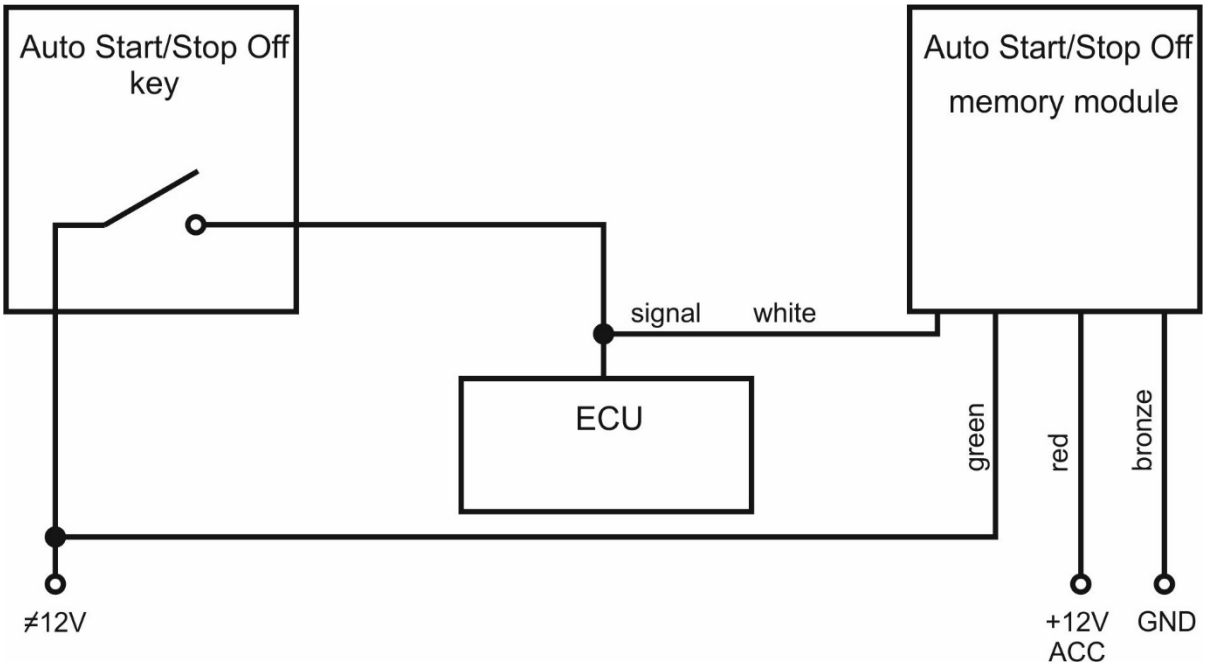


c) Variant III

If steering wire voltage (leading from key to controller):

- equals 0V - while "Auto Start/Stop" key is off
- is different what 12V (eg 5V) - while "Auto Start/Stop" key is on

switches should be set to positions: 1- ON, 2- OFF, 3- OFF, 4- OFF, and connect module to car installation according to this scheme: