

With 2016 the Tesla Model S got an update

Tesla model S has changed the front fascia and now has a similar design as the Model X, adding adaptive LED headlights.



Tesla Model S before face-lifting  
HID



Tesla Model S after facelift  
LED

### What's the LED - HID emulator for ?

LED-HID emulator allows you to adapt new LED headlight to older Tesla Model S before facelift.

The emulator converts analogue inputs to digital and transmits to the LED headlights.

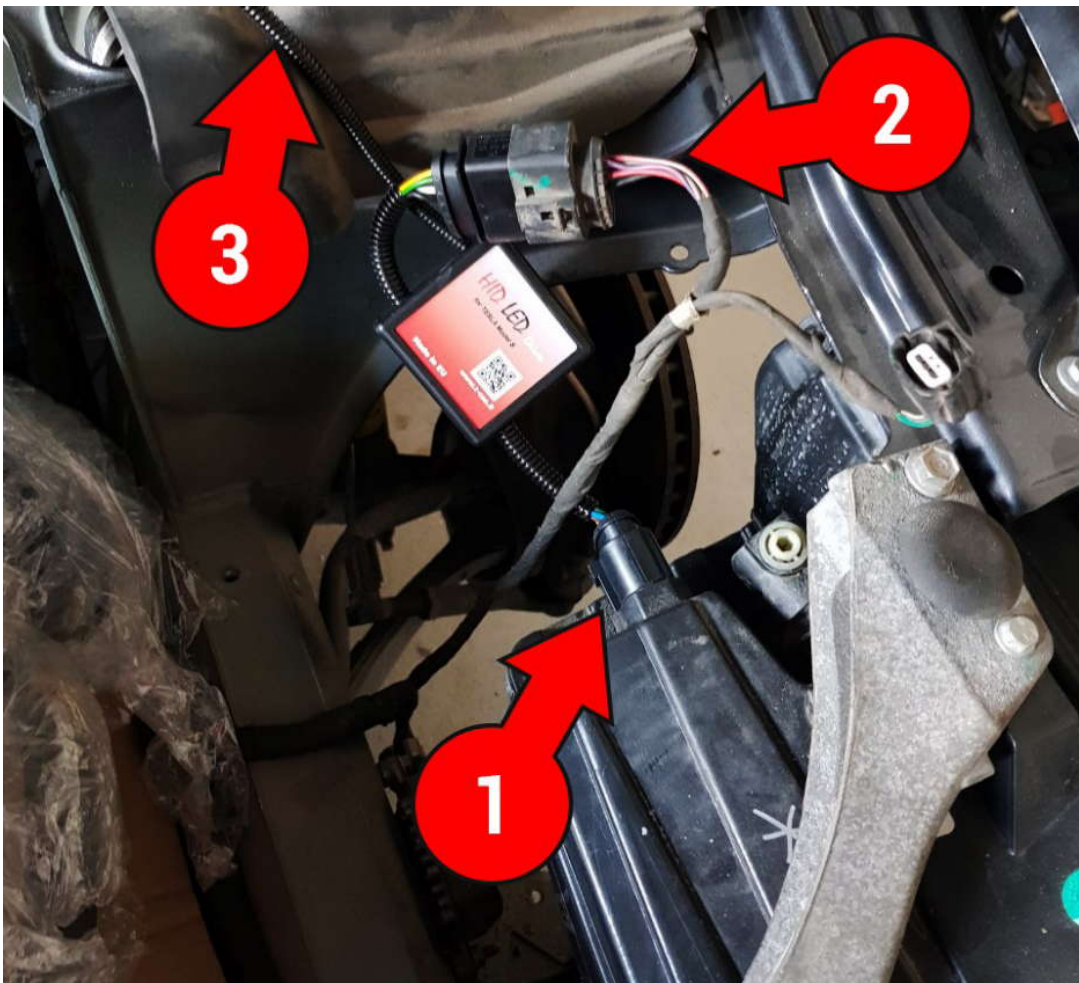
With that EMULATOR you can connect LED (New face headlights) to old Tesla Model S with HID lights.

Applies to Tesla model S with old HID lamps only – Tesla Model S 2012 - June 2016

## How to connect LED - HID emulator



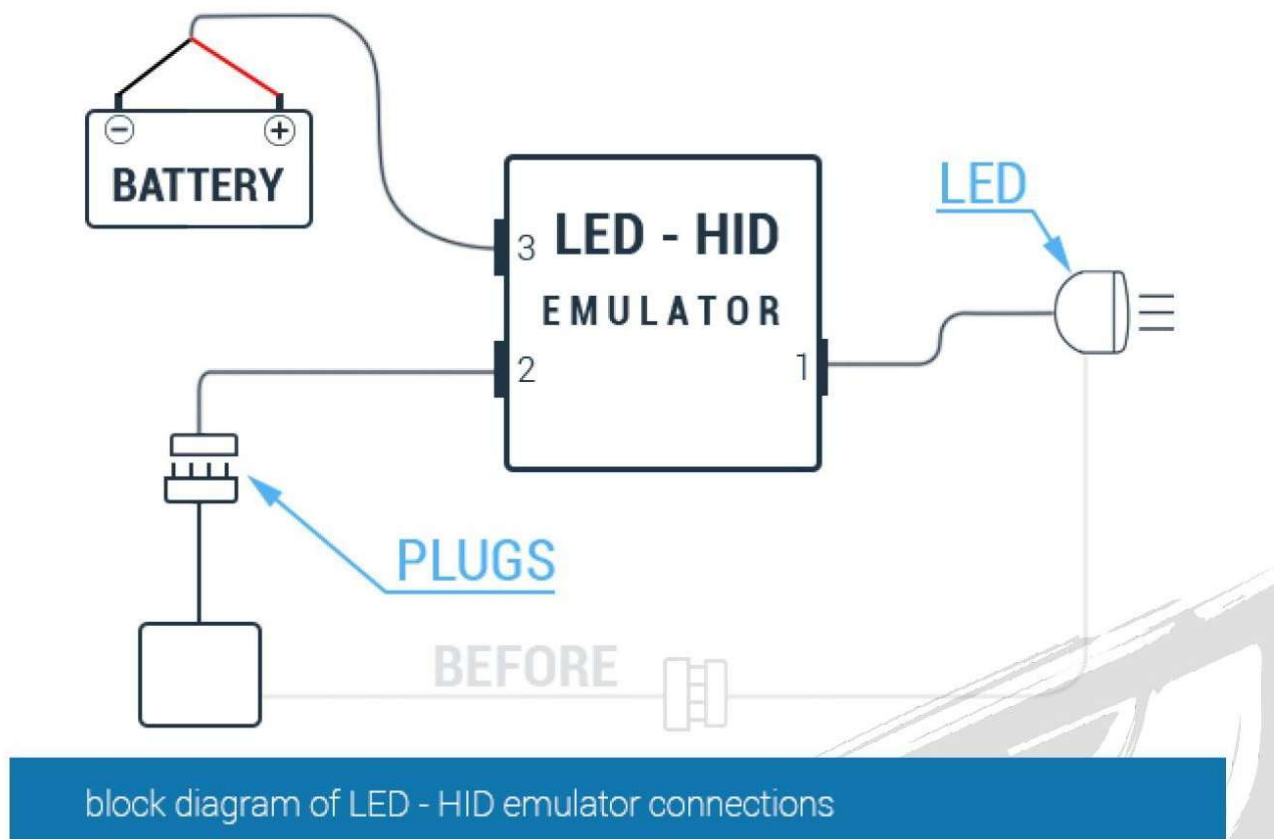
Before you start the new LED lamps has to be attached



connect all connectors (description below)

- 1) plug it to the LED lamp
- 2) plug it to HID-LED emulator
- 3) connect the emulator power supply to the battery (positive and negative)
  - RED +12v positive terminal
  - BLACK GND negative terminal
- 4) Check all connections again.
- 5) Done !

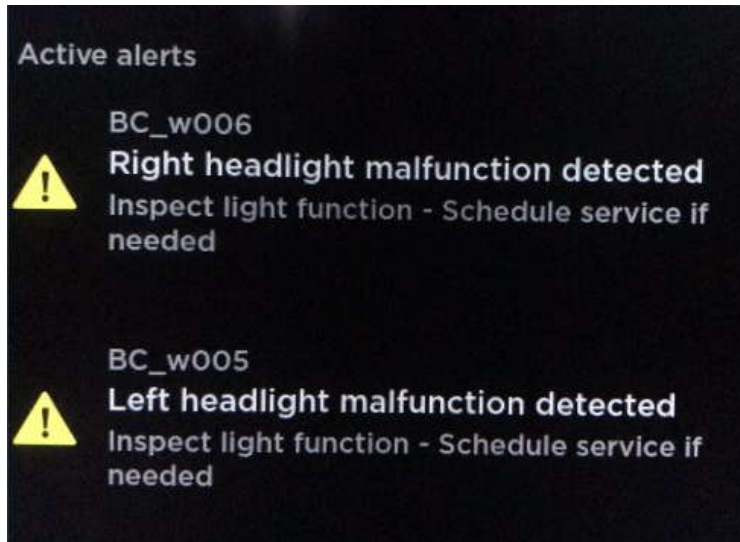
we strongly recommend using a 15A fuse for protection



Now you can enjoy of new fully working LED headlights  
The emulator is working like analog to digital converter (A/D)

**Attention:** Tesla with 2020.32.6 or high version are checking current of LO beam circuit and need to emulate 2.5A current drain, need to connect resistor emulator for Xenon 25w ( resistor 6.8 Omh 50w aluminium case must be mounted on metal surface becouse will be hot !).

if you get Alert ow LO beam error.



Need make small upgrade like in picture

6 pin of emulator male who connects to vehicle side LO beam pin.

