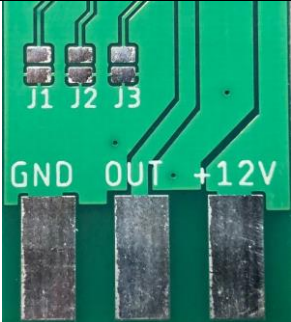


**FSW V3**  
**Rear FOG Lights control module 2020**

*FSW V3 used in cars imported from USA, that don't have factory installed rear fog light*

- 1. Device has rear fog lights control from high beam light, parking light and ignition switch.**
- 2. Device used High current driver with open circuit control, over current and overheating protection.**
- 3. Faults indicated on fog light control LED.**
- 4. NEW! Control switch can be work to PLUS or to MINUS.**

***Jumper description table:***

Jumper No	Jumper open	Jumper closed	Device photo
J1	Parking light input positive (+)	Parking light input negative (-)	
J2	High beam light input positive (+)	High beam light input negative (-)	
J3	Fog lamp current check active (for standard 10-21W lamps)	Fog lamp current check inactive (for LED lamps)	

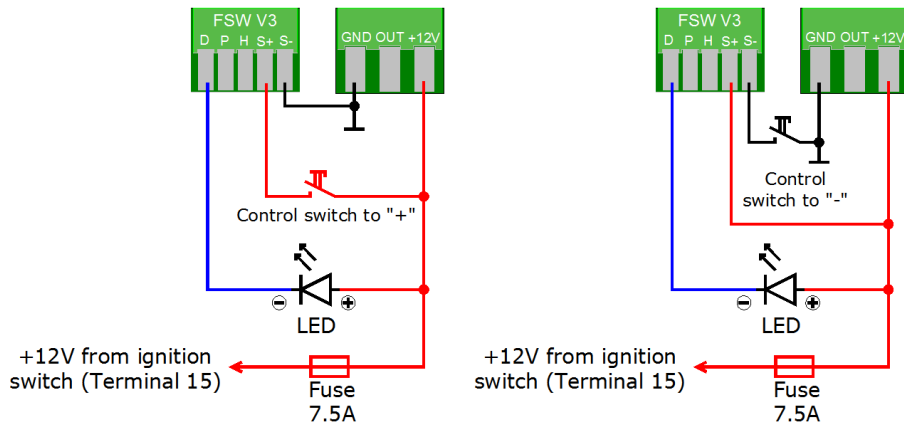
**NOTE! In case then input not used, jumper of this input (J1 or J2) must be in OPEN state!**

***LED indicator description table:***

LED off	Rear fog lamp off
LED on	Rear fog lamp on
LED flash	Rear fog lamp defective (indication impossible when installed LED fog lamp. JP3 – closed)

## *SHEMATIC EXAMPLES OF MAIN CONNECTIONS:*

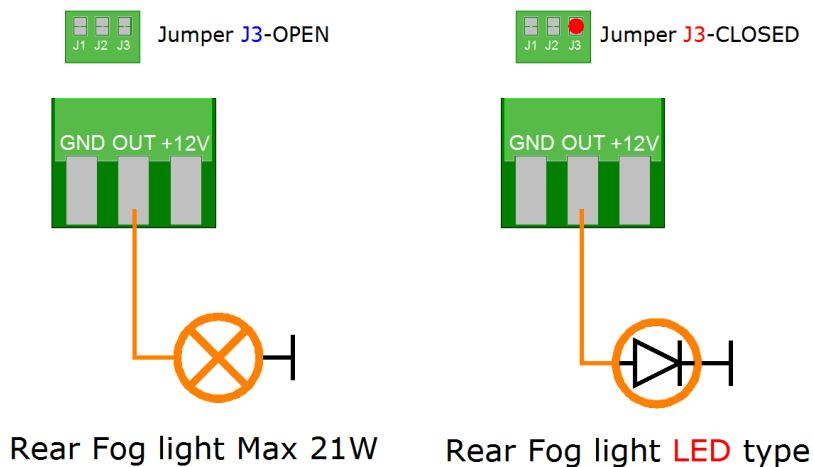
### *1. POWER SUPPLY, control SWITCH and LED indicator connection.*



FSW V3 control switch can be connected to plus (+) or to minus (-).

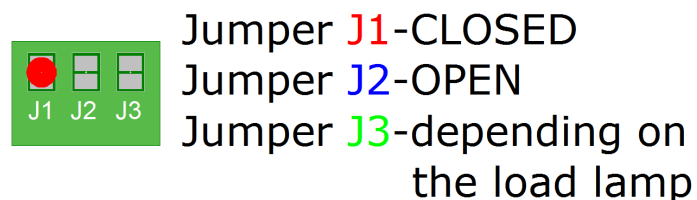
**NOTE:** Both contacts (S+ and S-) must be connected, regardless of the polarization choice.

### *2. LOAD LAMP connection and lamp type choice with JUMPER*



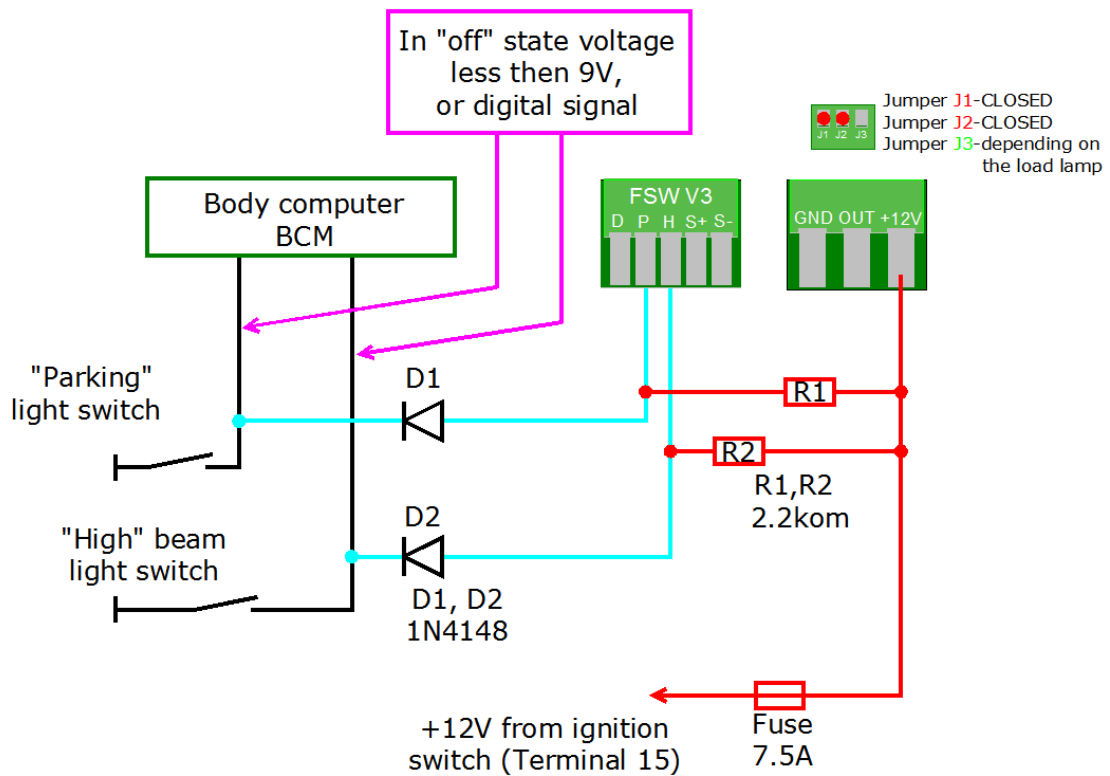
If additional signals (PARKING and HIGH beam) no need, previous schematic examples is enough to use the FSW device.

When “P” and “H” inputs not used, jumpers set shown in picture below:





5. In case, when voltage on open (PARK and HIGH) switch wires less then 9V or digital signal, see example below:



**NOTE:** When HIGH beam signal no need, "H" input can be not connected, connect only "P" input.  
 If HIGH beam signal not connected, J2 jumper **MUST BE OPEN** and resistor R2 not connected.