

AGILE OFFROAD

VS30 Sprinter Front Light Bar Installation Guide



Package Includes:

- (4) Baja Designs Squadron Pro lights
- (1) AO VS30 billet front step light mount
- (2) Genuine Mercedes dash switches
- Complete wiring harness & hardware kit



Remove the 2 T-40 Torx bolts from the factory front step.

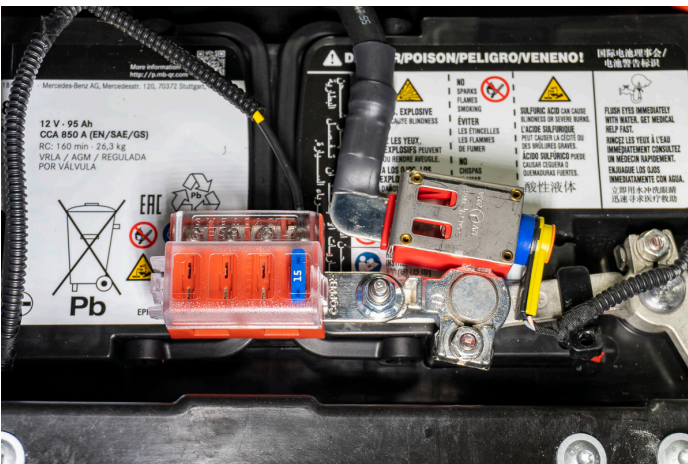


Work around the edges of the front step to separate it from the bumper. Use a panel popper to pry the step out of the bumper.

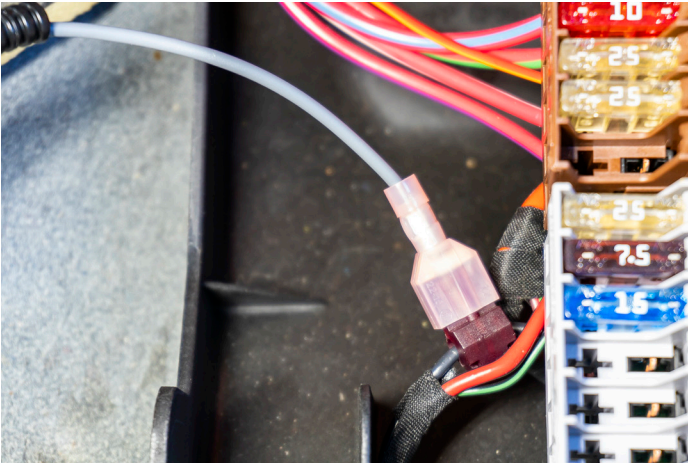
Alternative method: Should you find it too difficult to separate the step from the bumper, remove the front bumper entirely and pull the step out of the bumper from the bottom.



Install the two inner lights on the light bar using the shorter supplied screws. Install the outer lights using the longer bolts and bolt the light bar in place of the factory step.



Disconnect the main battery using the cable under the center console. Access the main battery in the driver side foot well. Install the fuse block on the positive battery terminal and attach the yellow wire.



Remove the floor mat and access the fuse box located under the front passenger seat foot well. Connect the grey wire to a KEY HOT power source (grey w/ white wire) using the include wire tap.

*It is recommended that you check circuit for key hot prior to installing the wire tap as some models are color coded differently.



Remove the Torx screws along the bottom & side of the dash to access the back of the blank factory switches. Pop out a blank switch.

Connect the brown wire to the illumination wire of an adjacent switch (pin #1 red w/ white wire) using a wire tap. See the switch wiring diagram on back for more details.

Install the new switch into the dash. Repeat for the second light switch & harness.



Secure the relays behind the dash and reinstall the Torx screws you removed.



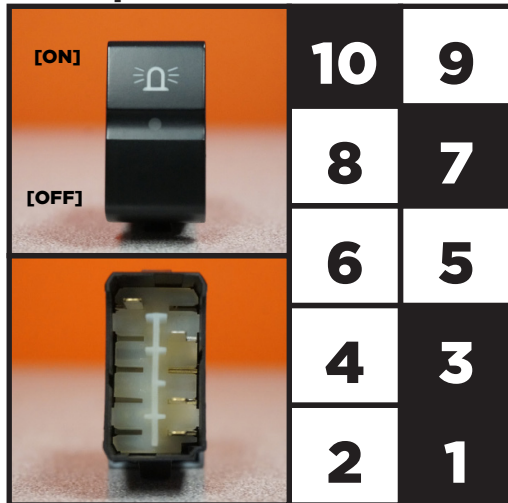
Cut the zip-tie around the boot of the firewall cable pass-through on the driver side. Remove the foam insert inside. Pass the ground and light wires through it. Ground to the factory stud inside the hood. Reinstall the foam insert. Zip-tie the boot closed. Connect the plugs for the lights and secure the wires with zip-ties.

Test the lights. Aim and align light beams to the desired locations. Congratulations your installation is complete.

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Sprinter Single Position Switch (ON-off) Wiring Diagram

Top View



Back View

Pin #10: Ground

Pin #7: Load

Pin #3: 12V Keyed Power Source

Pin #1: Switch Icon illumination