

Applications note: Replace “Prototype” power supply unit with the standard 1999-2000 unit Mod. AL310X

If it is necessary to replace the “prototype” power supply unit 1999-2000 with the standard Mod. AL310X, take the following steps:

- a- Disconnect power supply external to the 220 V mains, if present;
- b- Disconnect all connectors of the power supply unit mounted on the vehicle;
- c- The prototype power supply connector to be adapted to the connectors of the production power supply is the one numbered from **1 to 6** in **Fig. C**; the contacts to make are shown on the following table:

Fig. C contact	Fig. B contact	Description
<i>1</i>	<i>M4</i>	<i>Engine battery negative</i>
<i>2</i>	<i>M1</i>	<i>Engine ON signal</i>
<i>3</i>	<i>S3</i>	<i>Chassis weight</i>
<i>4</i>	<i>M2</i>	<i>Engine battery positive</i>
<i>5</i>	<i>S4</i>	<i>Service battery negative</i>
<i>6</i>	<i>S2</i>	<i>Service battery positive</i>

If necessary, an adapter (Figure 2) that makes the above-mentioned connections is available.

Fig. A shows the front panel of the **production** power supply.

Fig. B shows the connectors of the **production power supply unit** involved in the above-mentioned operation.

Fig. C shows the connector of the **prototype** power supply involved in the above-mentioned operations.

Fig. A

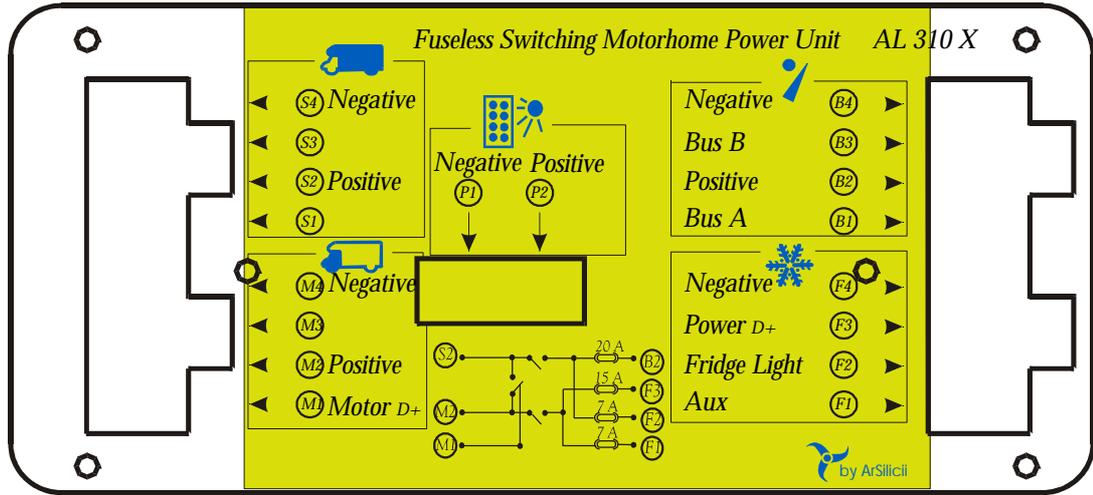


Fig. B

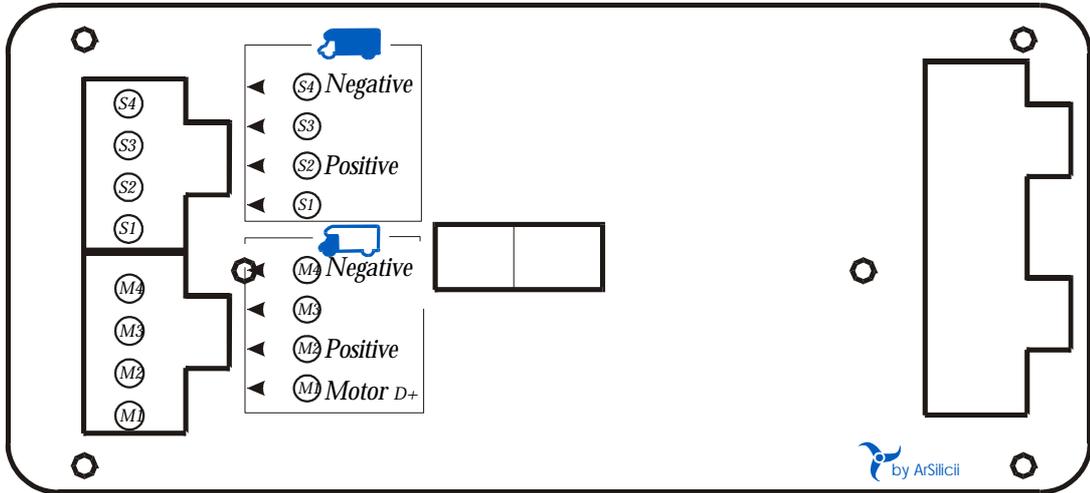
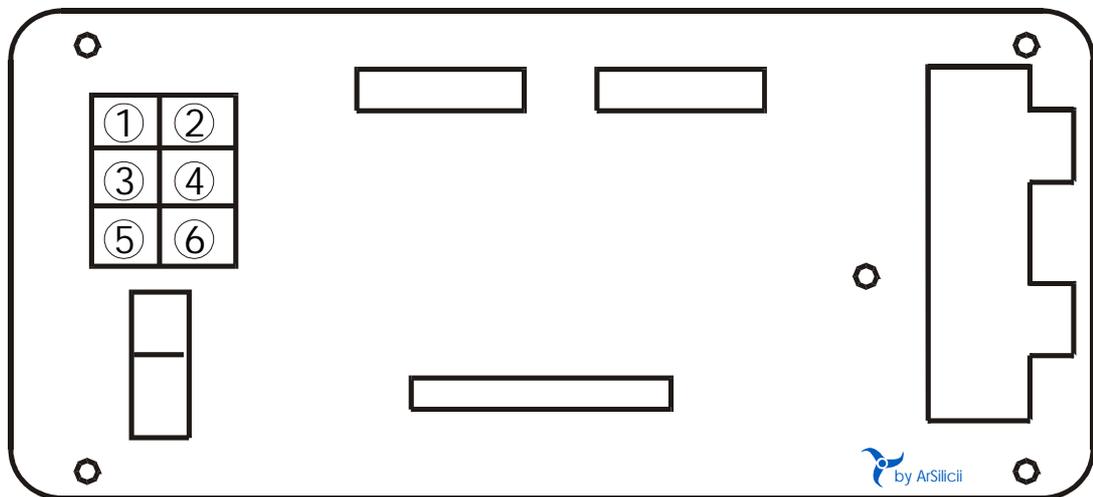


Fig. C



A sequence of photographs is shown below to identify the following items:

- Figure 1 "Prototype version of Mod. AL 310X power supply unit"
- Figure 2 "Adapter"
- Figure3 "Insertion of adapter into Mod. AL310X unit"



Figure 1 "Prototype version of Mod. AL 310X power supply unit"

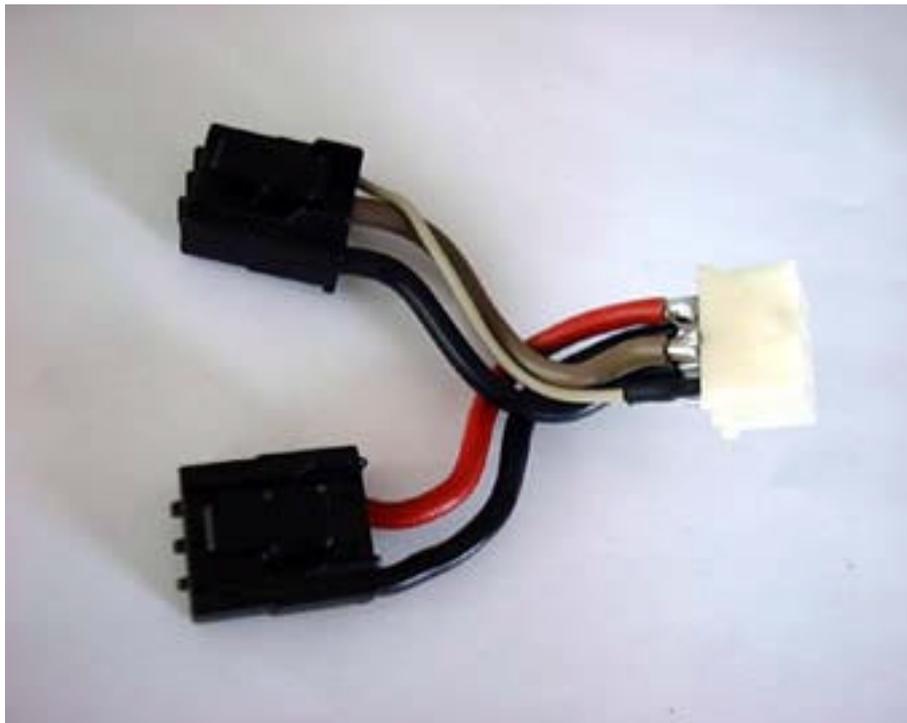


Figure 2 "Adapter"

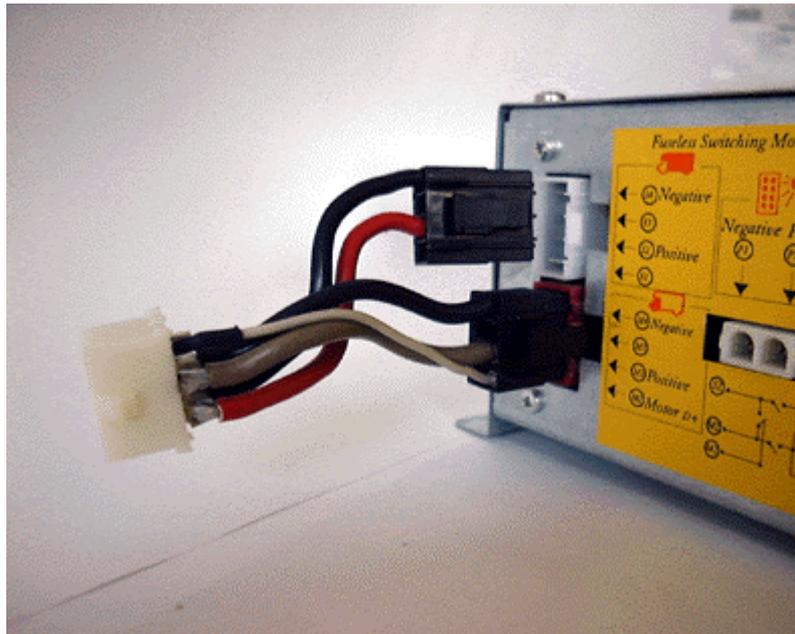


Figure3 "Insertion of adapter into Mod. AL310X unit"

The prototype version of the Mod. AL310X power supply not does not have the BATTERY TURN OFF SWITCH .