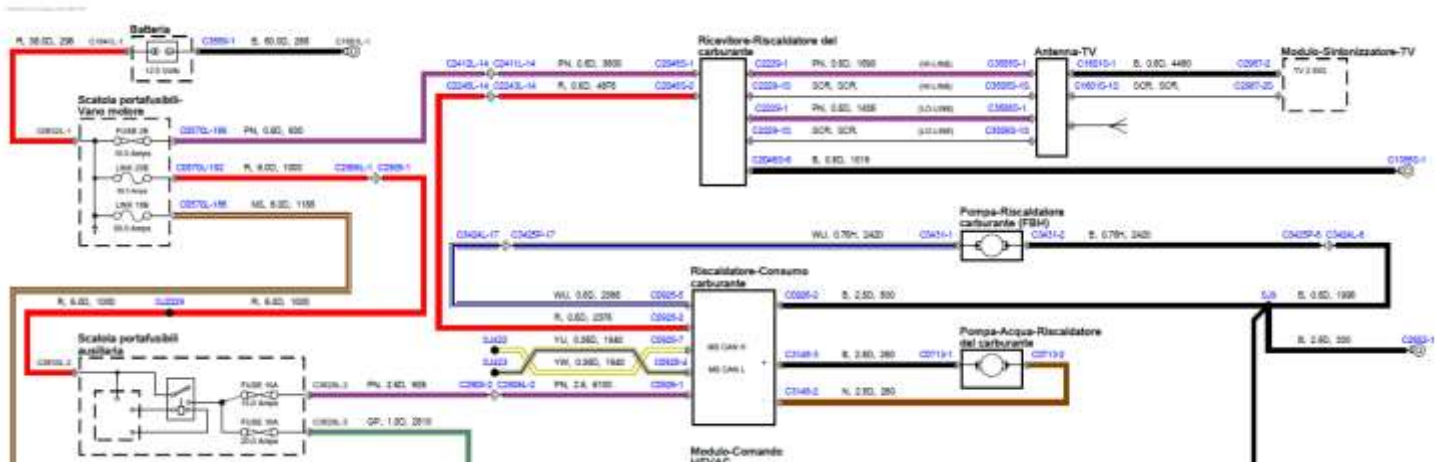
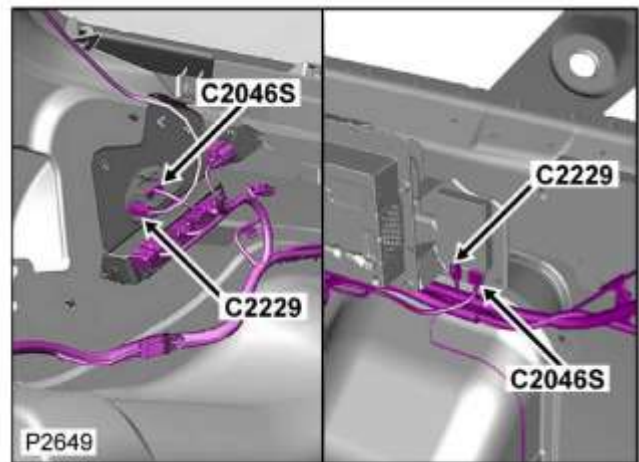
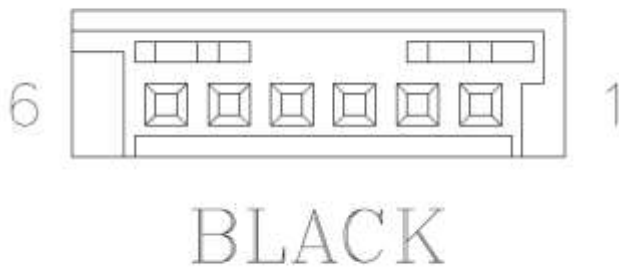


ALTOX GSM remote control installation manual for Land Rover Discovery 4

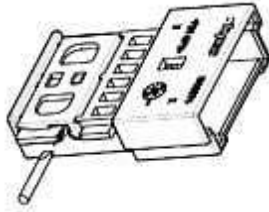
On the Discovery 4 models (Range Rover Sport) you have available, the connector for the Webasto T90 or T91 Telestart Remote control ECU.

It is named **C2046**, please look at the following pictures for locate it on the car and the pins designation



We can have two cases:

1. The car is WITHOUT the Telestart Remote.

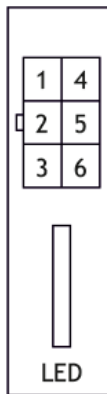


In this case, you need the connector TE/AMP 1703874-1 with relative male contacts 928918 (to crimp) for connect the Altox ecu to the car harness

The connection from the ALTOX ECU to this connector are

ALTOX pin no.	TE/AMP pin no.
1 RED (+ 12V from battery)	1 +12V Fused
2 BLUE (WBUS)	2 WBUS
3 black	6 Ground

ALTOX ECU pinout



- 1 - Red - Power Supply +12V (via fuse 1A)
- 2 - Blue - WBUS
- 3 - Black - GND (General)
- 4 - Green - Input IN (button and temperature sensor)
- 5 - White - Auxiliary output OUT (commutates at GND)
- 6 - Yellow - Analog output AN (commutates at +12V)

LED status (in SIM card slot)

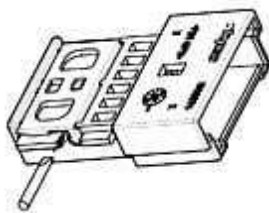
- Solid - request to SIM, searching for network
- Blinking 1times/2sec - waiting mode
- Blinking 5times/1sec - GPRS/RING/SMS/USSD



Please deactivate PIN code request before inserting a SIM Card!

2. The car has the Telestart remote installed

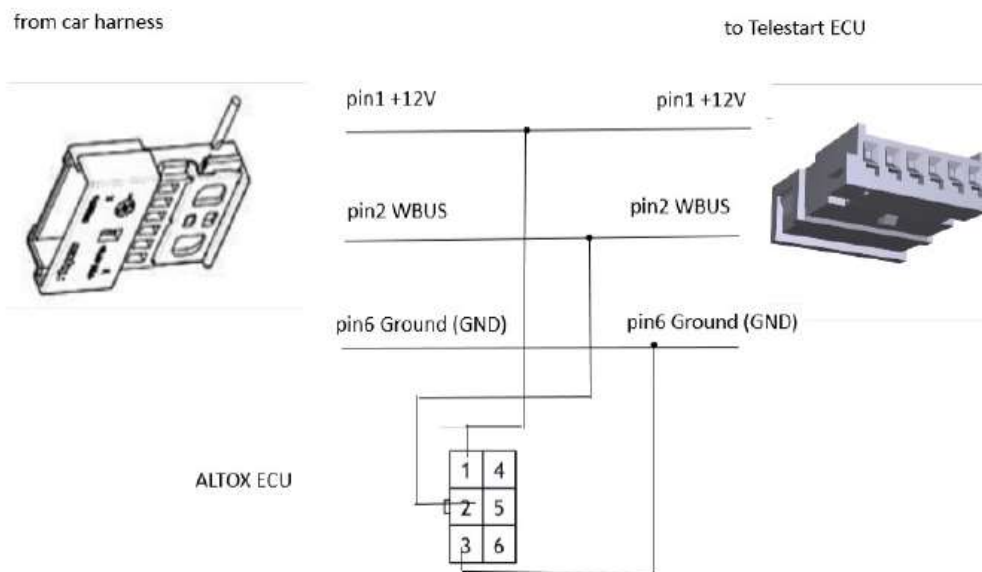
In this case it's necessary to build (or buy) an "Y" cable using the TE/AMP 1703874-1 with relative contacts 928918 (car harness side)



and the **TE/AMP 936289-2** with relative contacts **928999-1**



And build the “Y” cable as follow



3

Or buy a WEBASTO “Y” cable P/N 1319873A or P/N 9010325B and adapt it for the connection to the Altox ECU



NB!!! In all cases, you also need to activate the Remoted Fuel Fired Burner option on the CCF (car configuration file) of the Discovery 4 (by an IIDTool or LR Dealer System).

You can buy the connectors and the contacts from <http://eu.mouser.com/> (privately or as company).