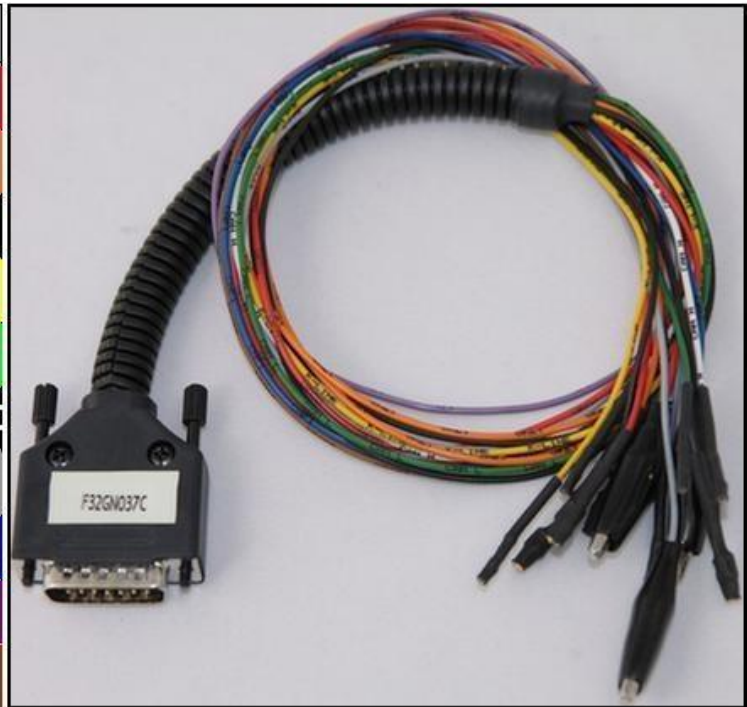**plugin 1649**

DIRECT CONNECTION
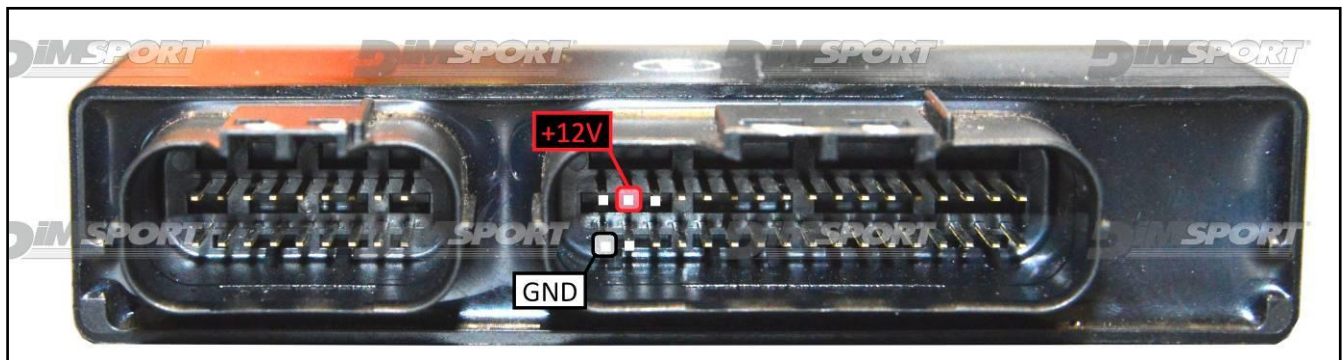In order to connect to the ECU use the CABLE F32GN037C/D.
Make sure that the POWER led (red) on Trasdata is ON
USE this connection for the ECU READING ONLY

COLORE FILO WIRE COLOUR		DESCRIZIONE DESCRIPTION
	ROSSO RED	POSITIVO DIRETTO POWER BATTERY
	ARANCIO ORANGE	POSITIVO SOTTO QUADRO POWER SWITCH ON
	NERO BLACK	MASSA GND
	GIALLO YELLOW	KLINE
	VERDE GREEN	CAN LOW
	BIANCO WHITE	CAN HIGH
	GRIGIO GREY	POL4 BOOT
	BLU BLUE	POL5 CNF1
	VIOLA/GRIGIO PURPLE/GREY	TENSIONE PROG. PROG. VOLTAGE
	MARRONE BROWN	RESET

ECU CONNECTOR
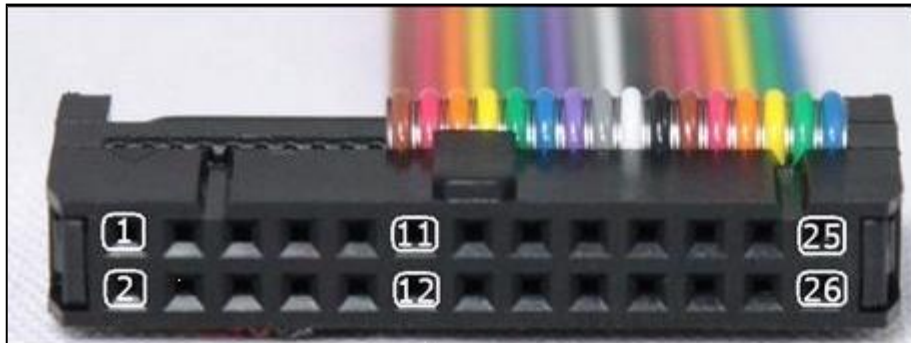
WARNING:
on this ECU you must use two different flat cables: one is for the READING procedure and one is for the WRITING procedure.

DIRECT CONNECTION – ECU READING:
For the READING procedure use the FLAT cable F34NTF53

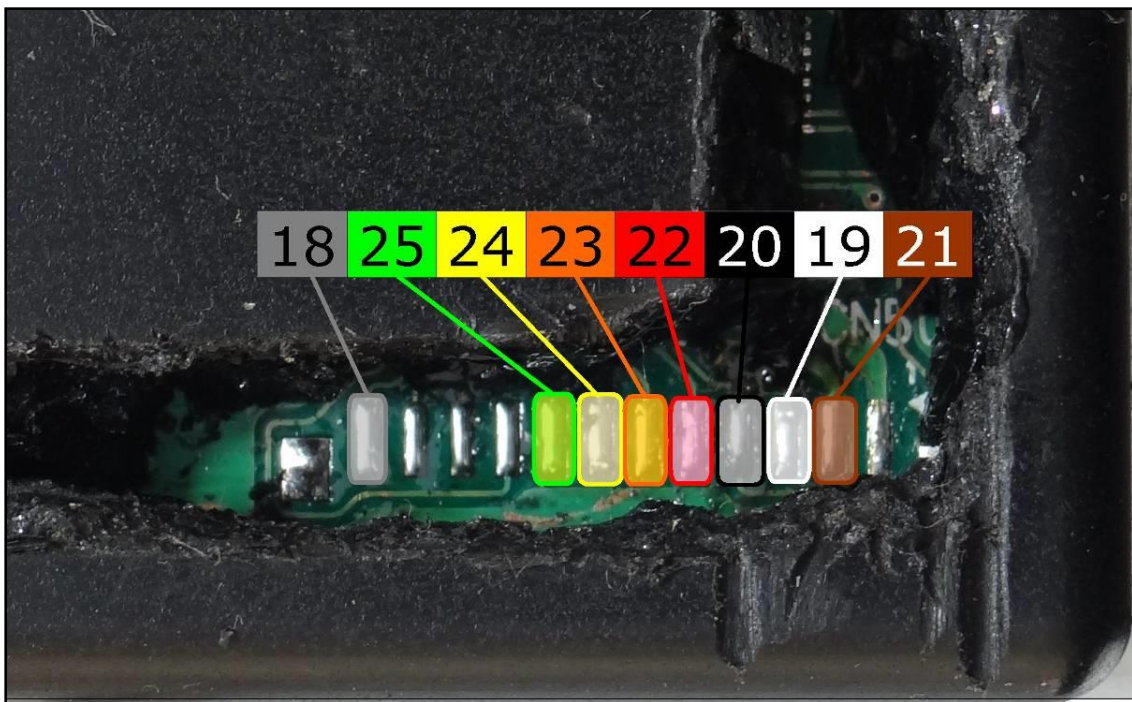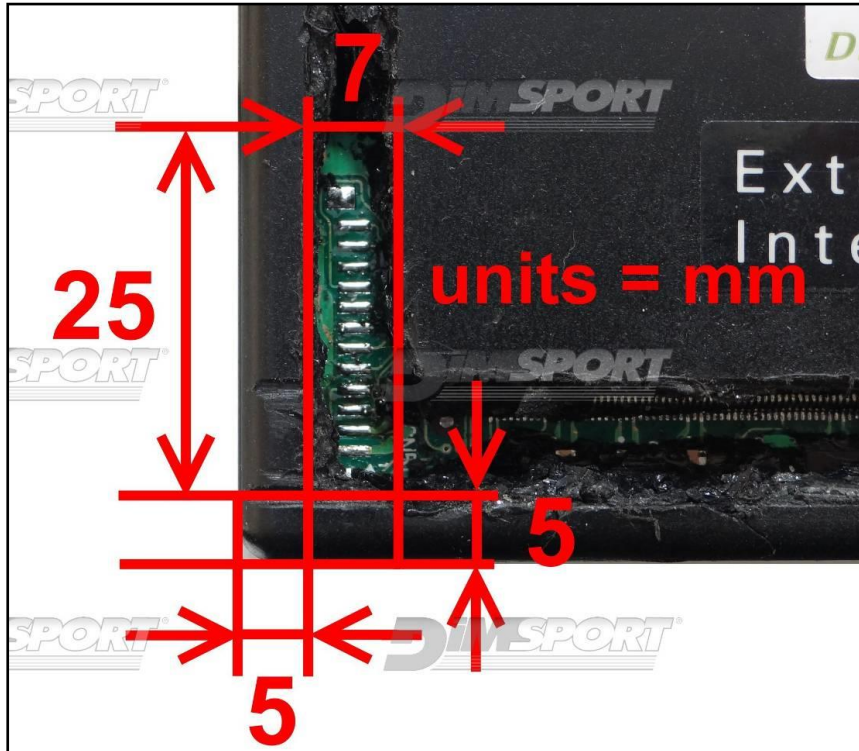| Pin	Colore Colour
11	Non usato Not used
12	Non usato Not used
13	Non usato Not used
14	Non usato Not used
15	Non usato Not used
16	Non usato Not used
17	Non usato Not used
18	Grigio Grey
19	Bianco White
20	Nero Black
21	Marrone Brown
22	Rosso Red
23	Arancio Orange
24	Giallo Yellow
25	Verde Green
26	Non usato Not used

To get access to the communication pads For the reading procedure you must remove part of the silicon that covers the ECU board. After properly removing the silicon and before connecting the wirings please check that the vehicle starts fine and that there are no fault codes or warning lights on the dashboard.

DIRECT CONNECTION – ECU WRITING:

For the WRITING procedure use the cable F34NTA13 directly connected to the ECU.
Make sure that the POWER led (red) on Trasdata is ON

COLORE FILO WIRE COLOUR		DESCRIZIONE DESCRIPTION
MARRONE BROWN		BOOT
BLU BLUE		CNF
NERO BLACK	GIALLO YELLOW	RXD
OR		
GIALLO YELLOW		
GRIGIO GREY	VERDE GREEN	TXD
ROSSO RED		POSITIVO DIRETTO POWER BATTERY
NERO BLACK		MASSA GND