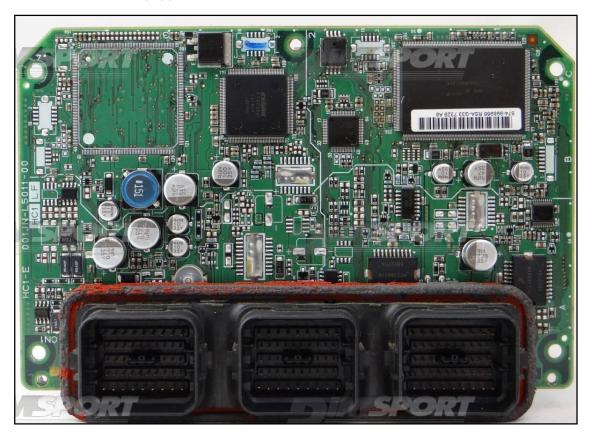
## plugin 492

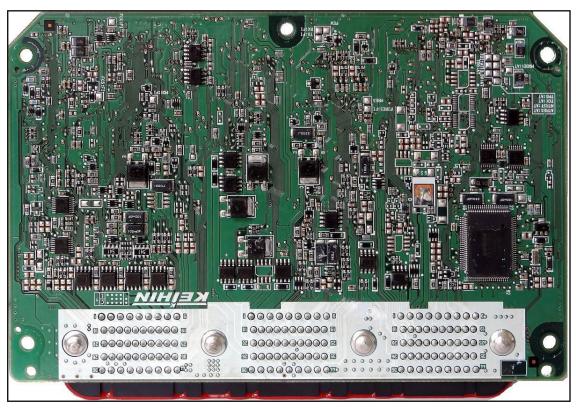


Ecu **TYPE 01** for vehicle equipped with AUTOMATIC transmission, ECU connector side.



Ecu **TYPE 01** for vehicle equipped with MANUAL transmission, ECU connector side

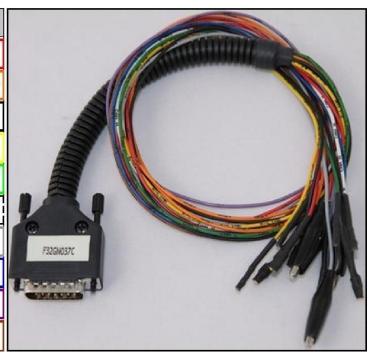




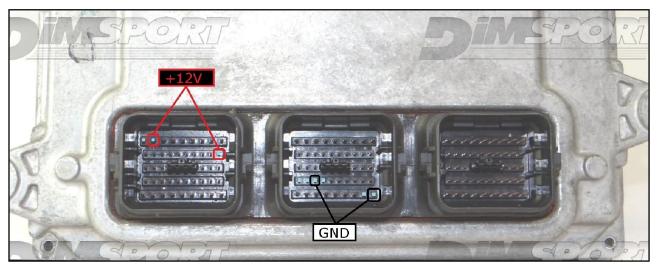
#### **DIRECT CONNECTION ECU TYPE 01**

In order to connect to the ECU use the CABLE F32GN037C. Make sure that the POWER led (red) on Trasdata is ON.

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	
1	BIANCO WHITE	CAN HIGH	
	GRIGIO GREY	POL4 BOOT	
	BLU BLUE	POL5 CNF1	
2	VIOLA/GRIGIO PURPLE/GREY	TENSIONE PROG. PROG. VOLTAGE	
3	MARRONE BROWN	RESET	



#### **CONNECTOR ECU TYPE 01**



#### **WARNING:**

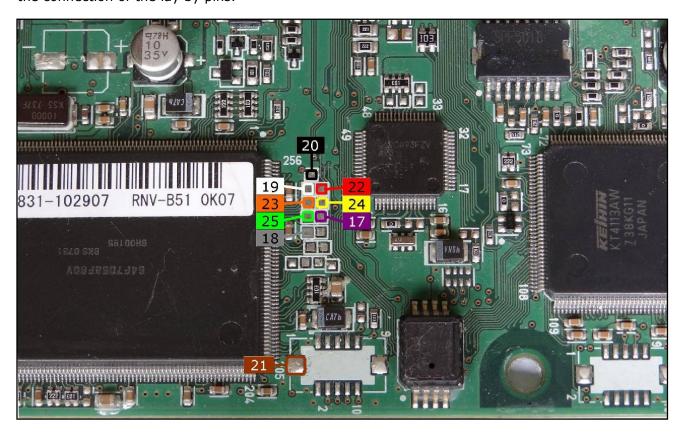
on this ECU you must use two different flat cables: one is for the READING procedure and one is for the WRITING procedure.

## **DIRECT CONNECTION - ECU TYPE 01 READING:**

For the READING procedure use the FLAT cable F34NTF53

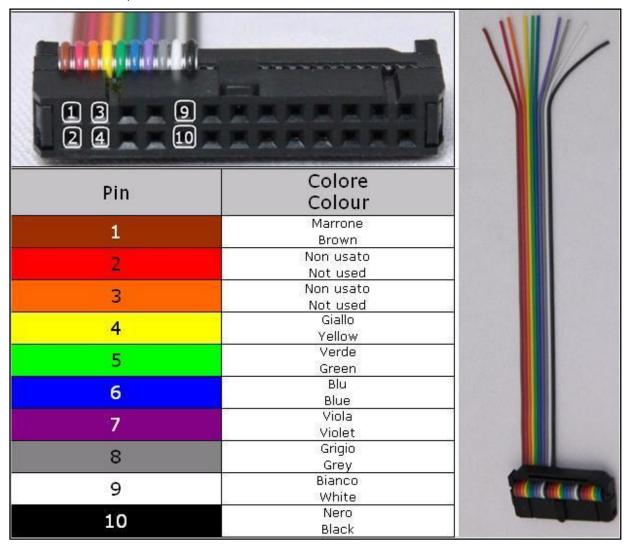
	11 25 12 26	
Pin	Colore Colour	
11	Non usato Not used	
12	Non usato Not used	
13	Non usato Not used	
14	Non usato Not used	
15	Non usato Not used	
16	Blu Blue	
17	Viola Violet	
18	Grigio Grey	
19	Bianco White	
20	Nero Black	
21	Marrone Brown	
22	Rosso Red	
23	Arancio Orange	
24	Giallo Yellow	
25	Verde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

For a correct soldering procedure clean very well the soldering lay-by pins from the plastic film. We suggest you to use a fine grit glass-paper smoothing by gentle pressure the connection of the lay by pins.

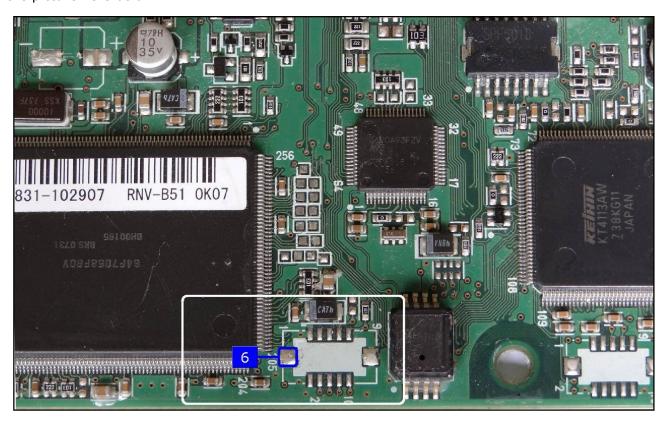


#### **DIRECT CONNECTION - ECU TYPE 01 WRITING:**

For the WRITING procedure use the FLAT cable F34NTF51



For a correct soldering procedure clean very well the soldering lay-by pins from the plastic film. We suggest you to use a fine grit glass-paper smoothing by gentle pressure the connection of the lay by pins. On the Micro side connect the BLUE wire to the pin as shown in the picture here below.



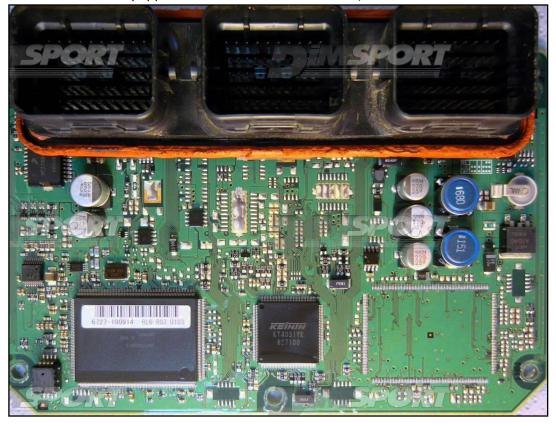
On the other side connect all the wires to the pins and make the LINK connection too as shown in the picture here below. Remove the LINK after the writing procedure.



Ecu **TYPE 02** for vehicle equipped with AUTOMATIC transmission, ECU connector side



 $\mbox{ Ecu {\bf TYPE~02} for vehicle equipped with MANUAL transmission, ECU connector side } \\$ 

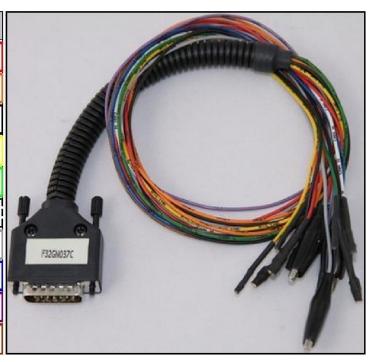




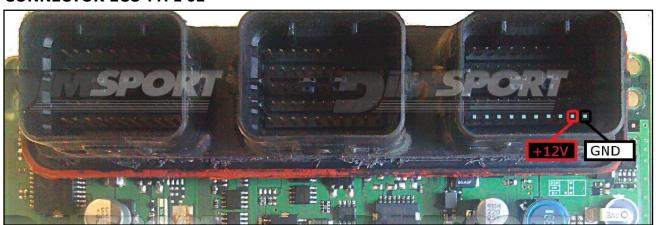
#### **DIRECT CONNECTION ECUTYPE 02**

In order to connect to the ECU use the CABLE F32GN037C. Make sure that the POWER led (red) on Trasdata is ON.

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



#### **CONNECTOR ECU TYPE 02**



#### **WARNING:**

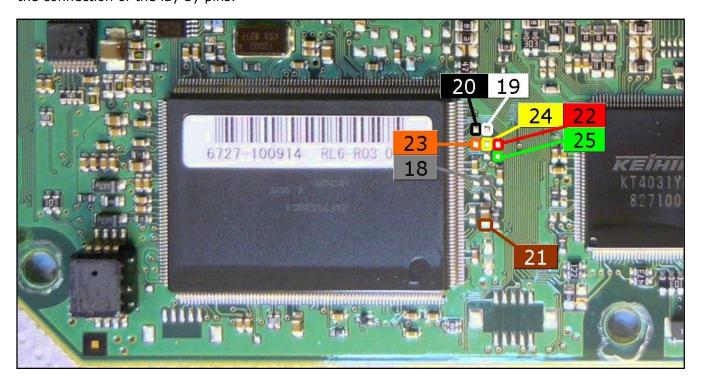
on this ECU you must use two different flat cables: one is for the READING procedure and one is for the WRITING procedure

## **DIRECT CONNECTION - ECU TYPE 02 READING:**

For the READING procedure use the FLAT cable F34NTF53

	11 25 12 26	
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	Blu Blue	
17	Viola Violet	
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	

For a correct soldering procedure clean very well the soldering lay-by pins from the plastic film. We suggest you to use a fine grit glass-paper smoothing by gentle pressure the connection of the lay by pins.



## **DIRECT CONNECTION - ECU TYPE 02 WRITING:**

For the WRITING procedure use the FLAT cable F34NTF51

1 3 9 2 4 10		
Pin	Colore Colour	
1	Marrone Brown	
2	Non usato Not used	
3	Non usato	
4	Not used Giallo Yellow	
5	Verde Green	
6	Blu Blue	
7	Viola Violet	
8	Grigio Grey	
9	Bianco White	Man ( man ( man)
10	Nero Black	

For a correct soldering procedure clean very well the soldering lay-by pins from the plastic film. We suggest you to use a fine grit glass-paper smoothing by gentle pressure the connection of the lay by pins. Make the little short-circuits LINK1 & LINK2 on the opposite side of the ECU as shown in the picture here below. After the writing operation, before placing back the ECU into the vehicle, remove the LINK.

