MARELLI 8GMK FCA

plugin **734**

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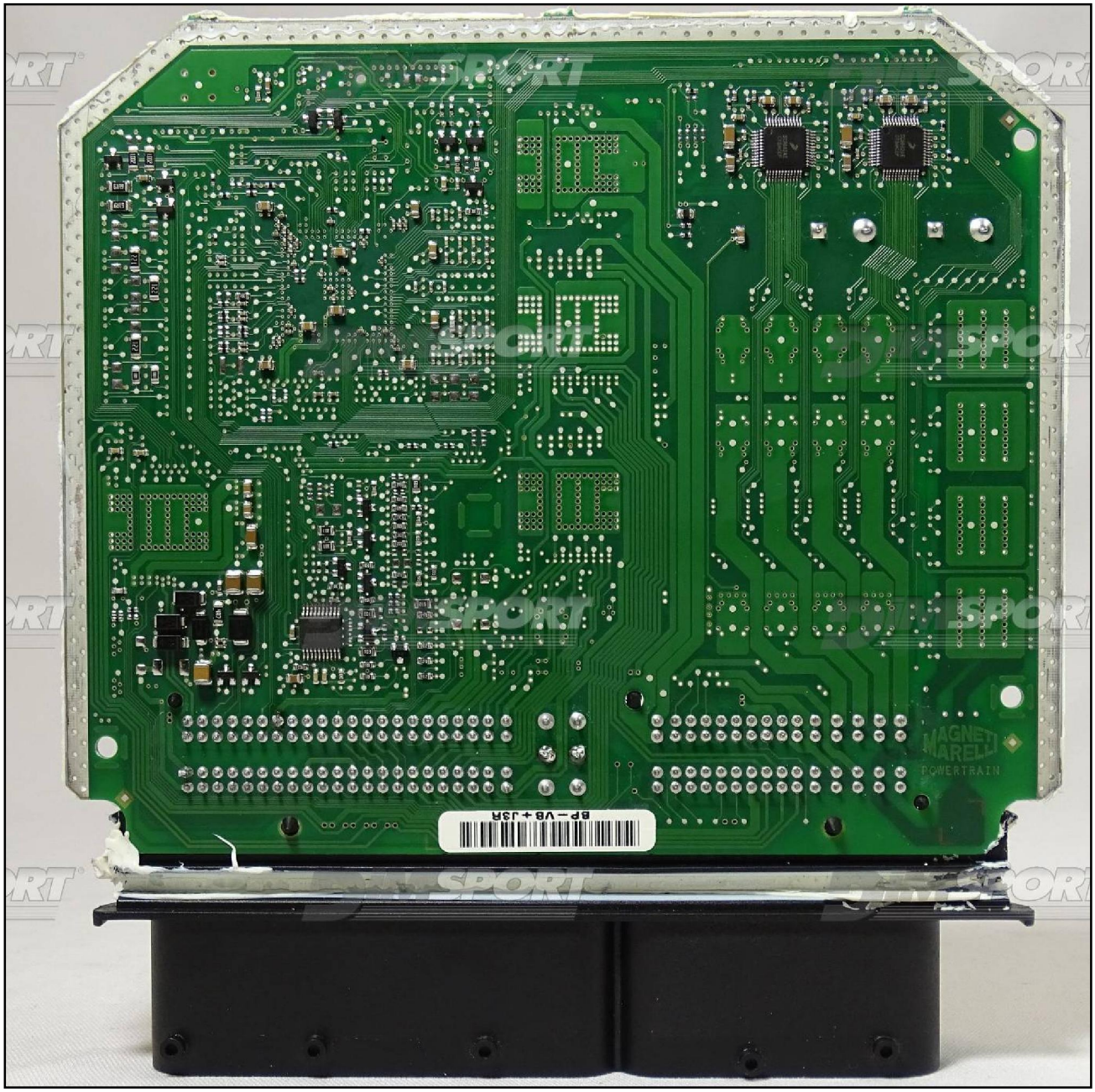

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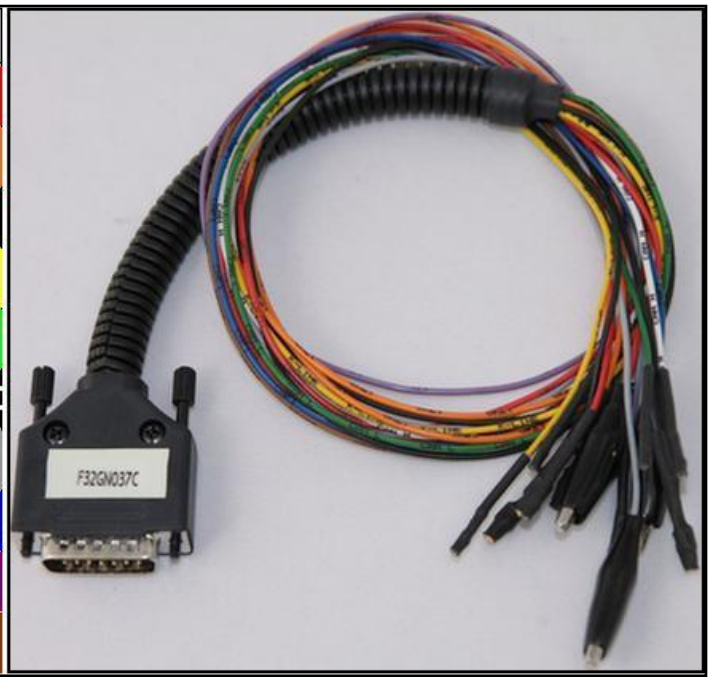
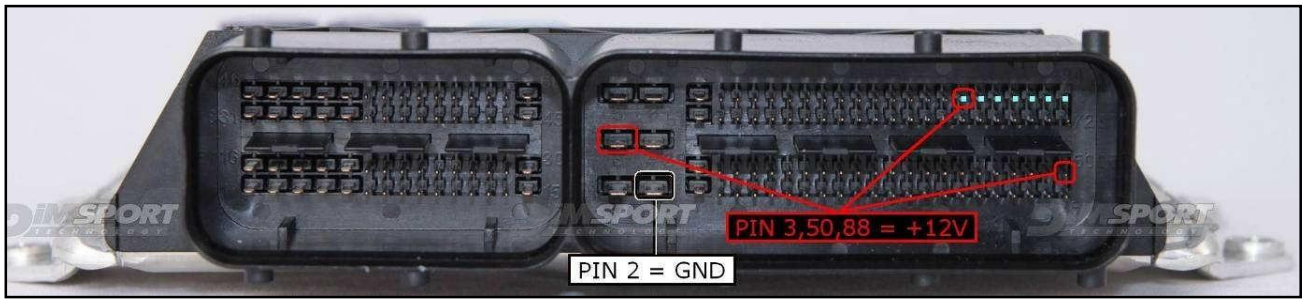
DIRECT CONNECTION

In order to connect to the ECU use the CABLE F32GN037C.
Make sure that the POWER led (red) on Trasdata is ON. These connections are required for all the connection approaches: loose wires and metal positioning frame adapter.

COLORE FILO WIRE COULOR		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 WHYTE	CAN HIGH
	GRIGIO GREY	POL4 BOOT
	BLU BLUE	POL5 CNF1
	VIOLA/GRIGIO PURPLE/GREY	TENSIONE PROG. PROG. VOLTAGE
	MARRONE GREY	RESET



ECU CONNECTOR



To the power feeding pins 3,50,88 (+12V) you can connect both wires red (VECU) and orange VKEY) of the F32GN037C cable, they both have 12V signal.

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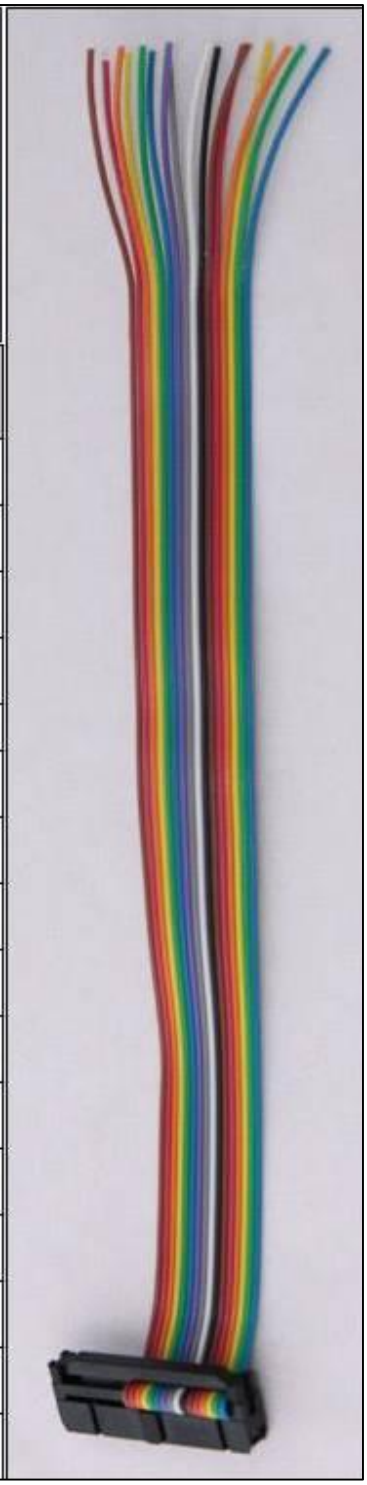
J-TAG LOOSE WIRES CONNECTION

Connect the cable F34NTF53 as shown here below

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



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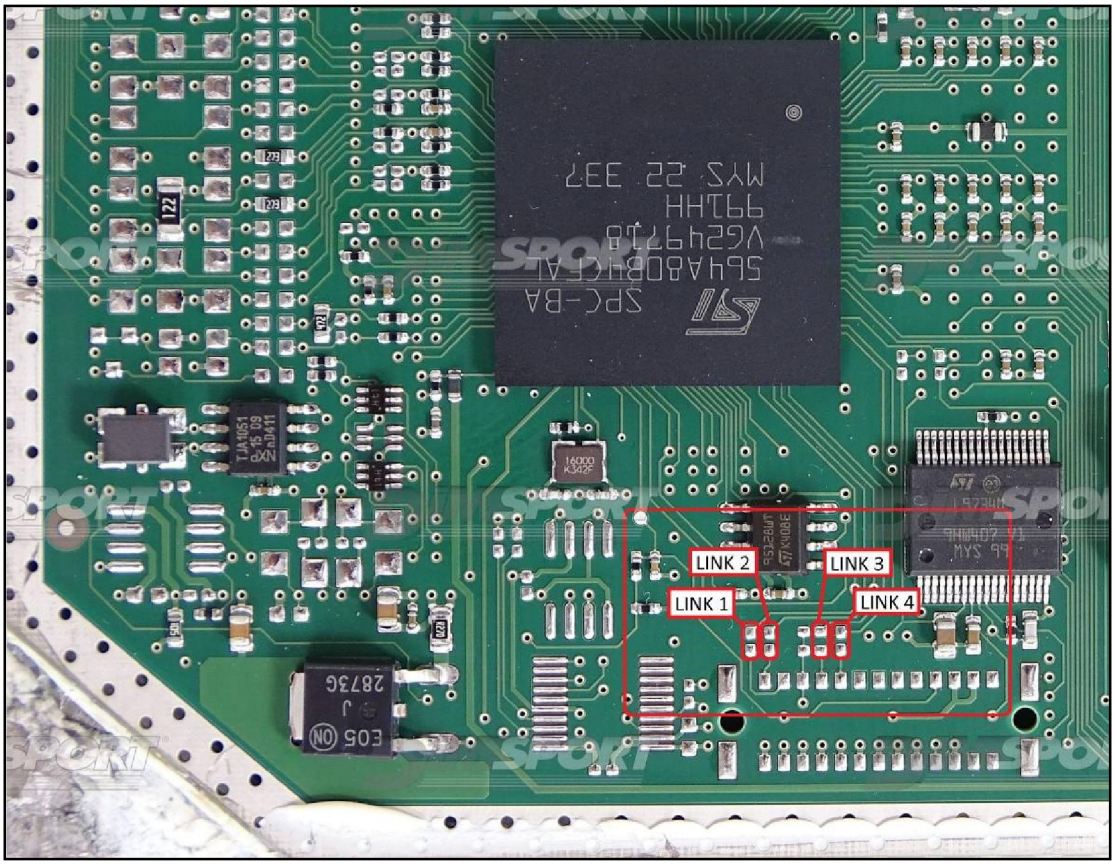
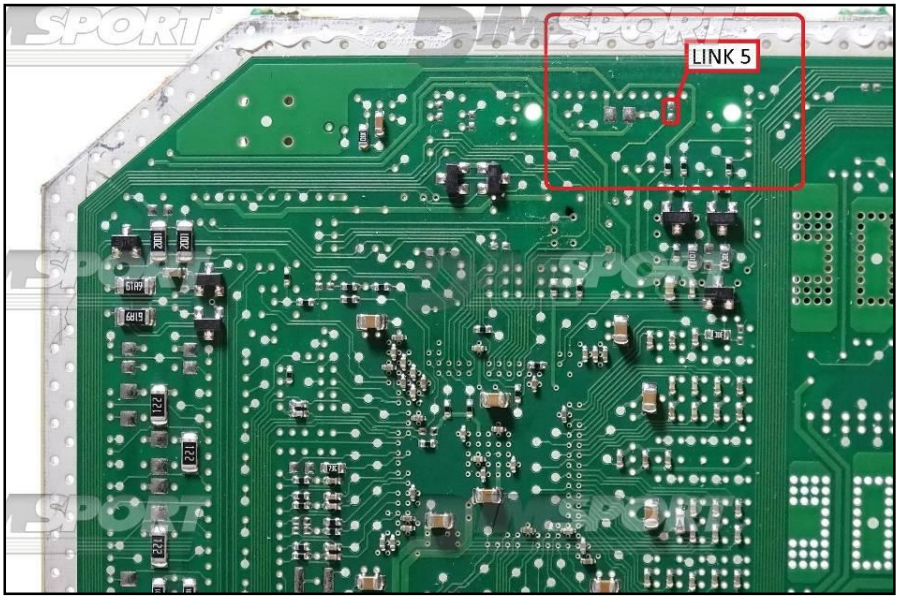
Warning : to enable the J-TAG communication it is necessary to perform the 5 short-circuits LINKS as displayed in the following pictures.
The ECU can be placed back in the vehicle without removing the short-circuits LINK

Processor side



Opposite side



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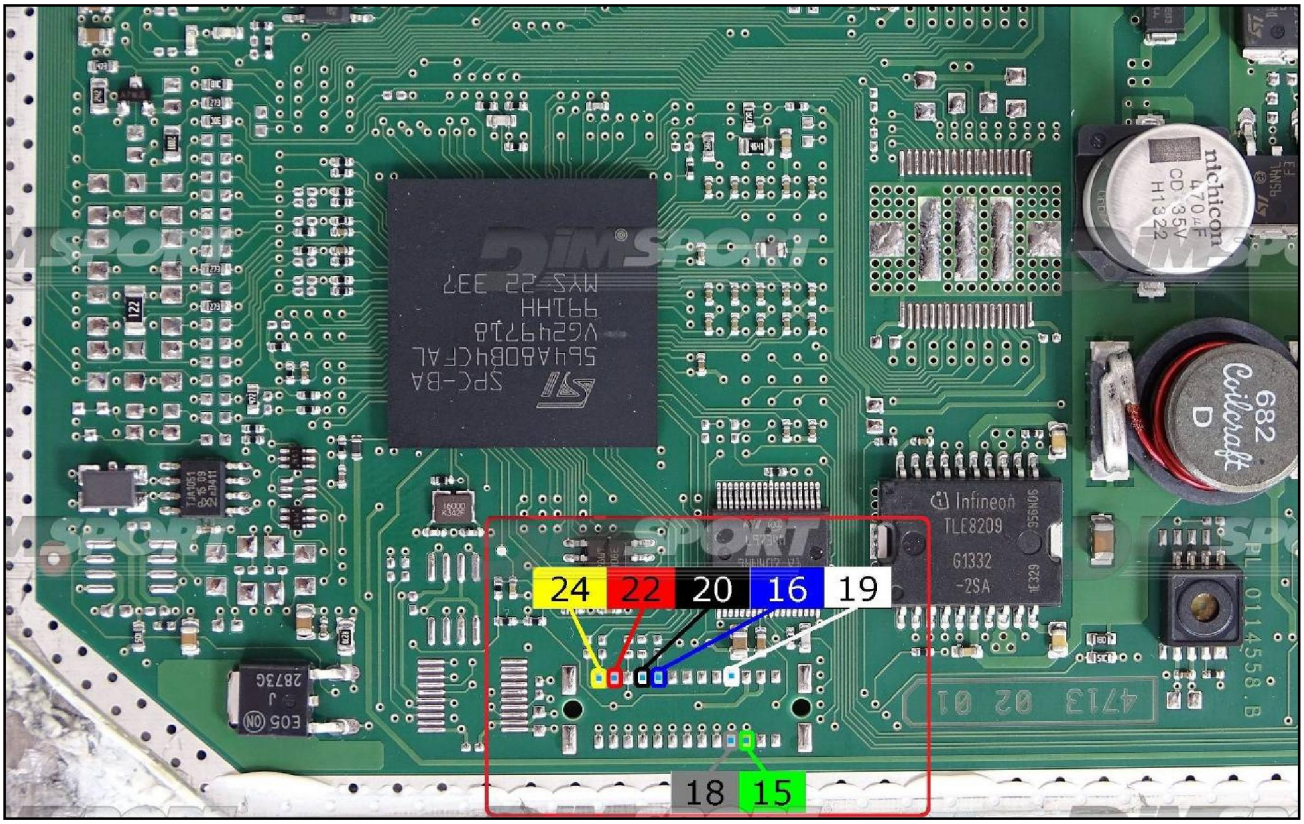
Connect the wires without creating any short-circuits between the pads.
In order to enable the J-TAG communication it is necessary to make the 5 LINKS as explained in the previous page (pg. 6) .



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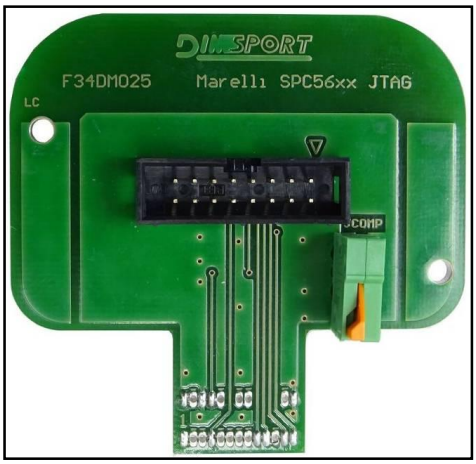
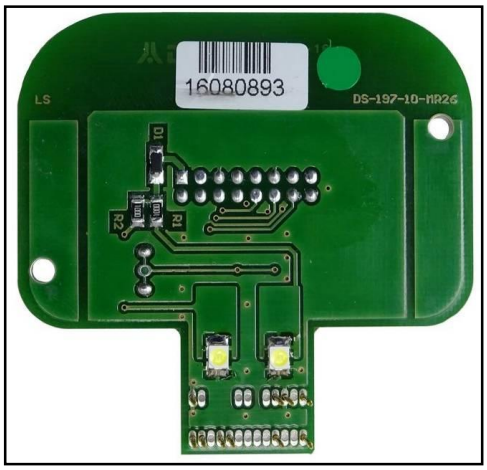
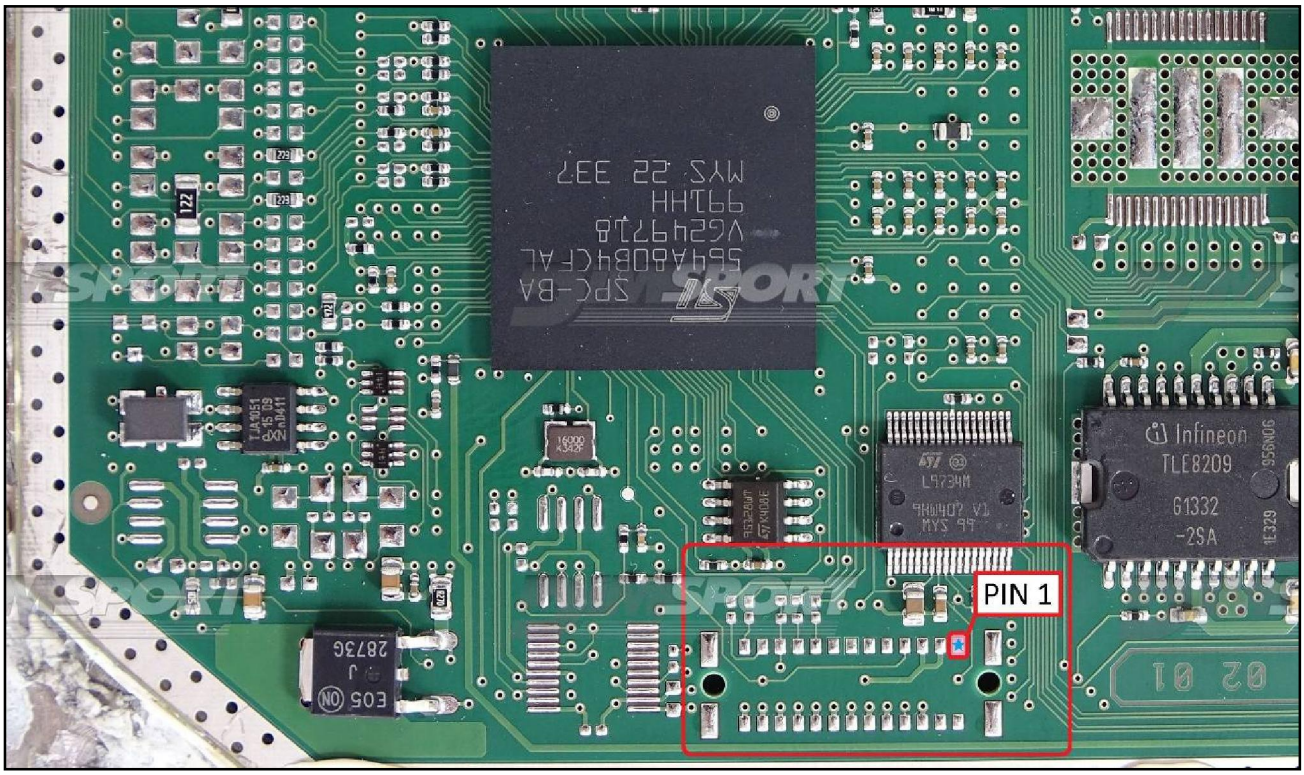
METAL POSITIONING FRAME CONNECTION

For the metal positioning frame connection is required the F34DM025 adapter.





JTAG pads for the communication are placed below the microprocessor, for this connection the bridges (LINK) shown at pg. 6 are required. Check the PIN 1 position for a correct orientation of the adapter F34DM025.



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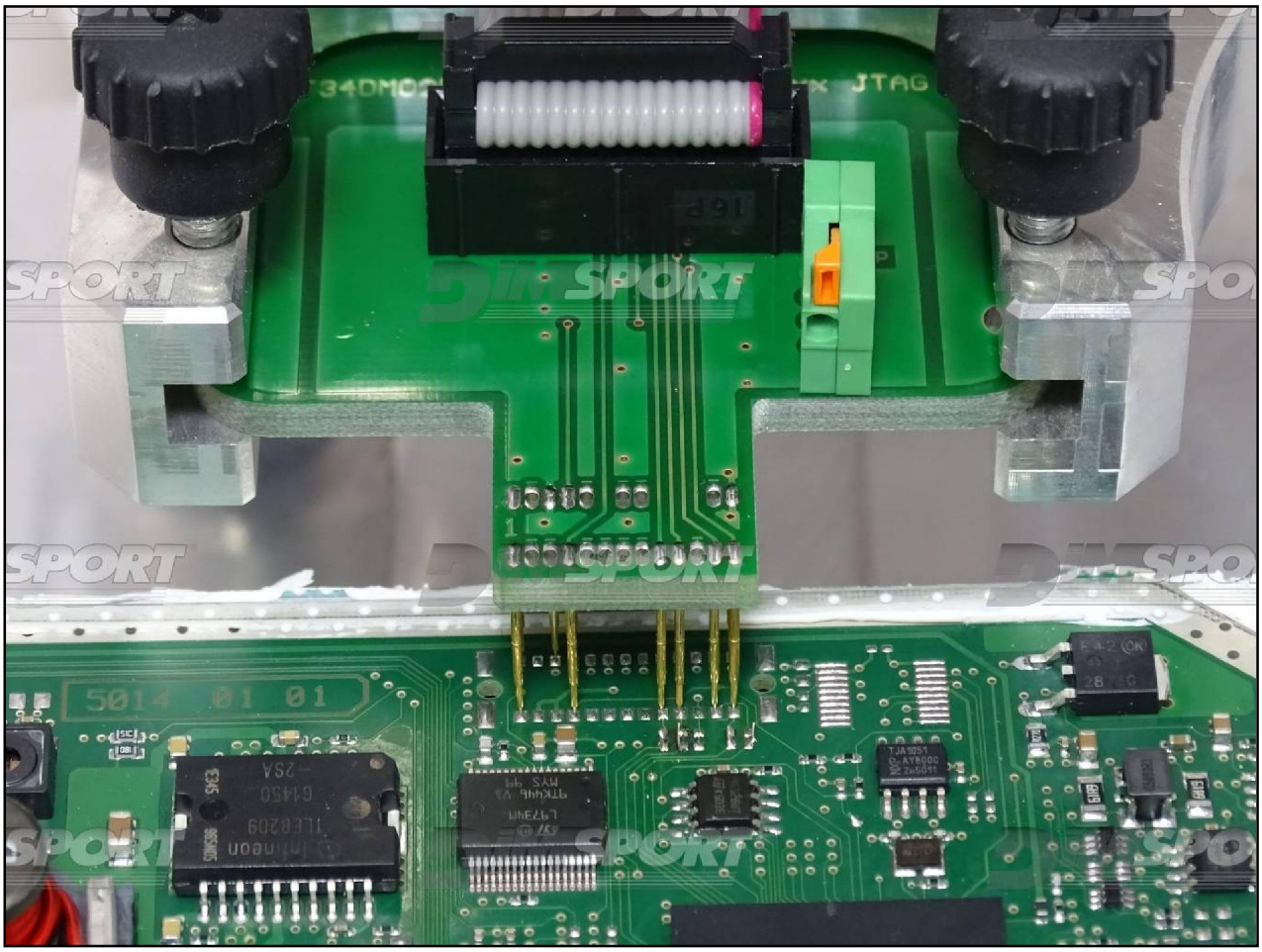

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