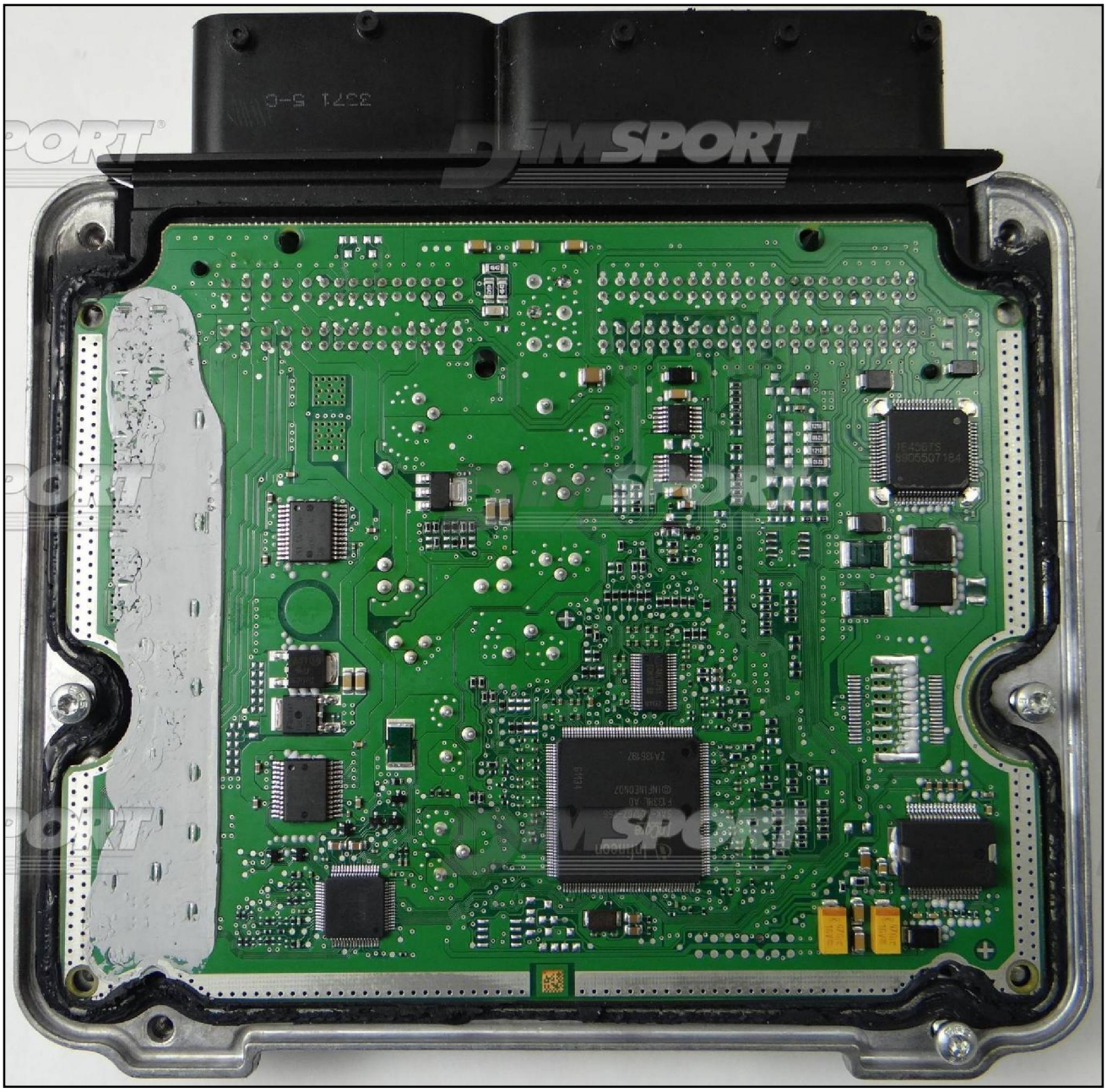
BOSCH EDC17C59 IROM TC1767 GPT OPEL

plugin 688 BOSCH EDC17C59 IROM TC1767 GPT
OPEL

On this ECU it is possible to use 3 different connection approaches:

1. GPT connection with metal positioning frame adapter F34DM026
2. GPT connection with loose wires
3. GPT connection with metal positioning frame adapter F34DM011 & BNP positioning frame

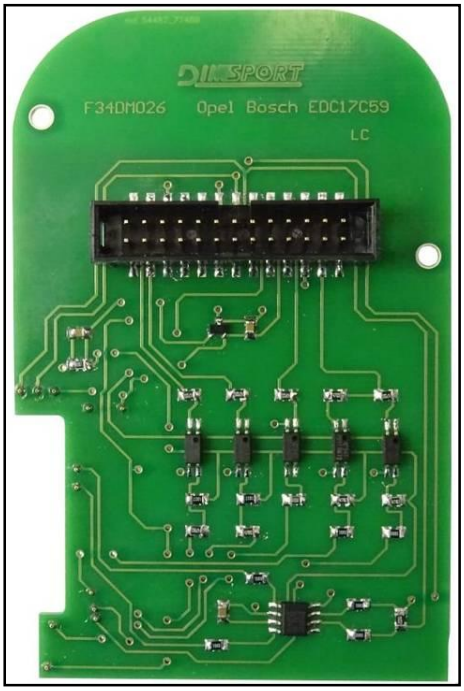
EDC17C59 OPEL

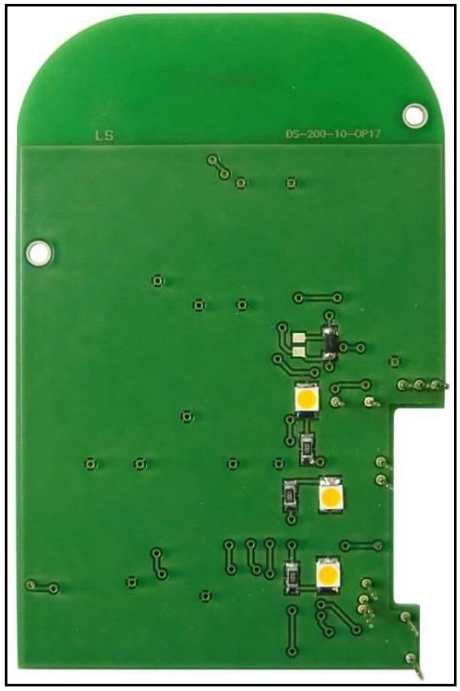


BOSCH EDC17C59 IROM TC1767 GPT OPEL

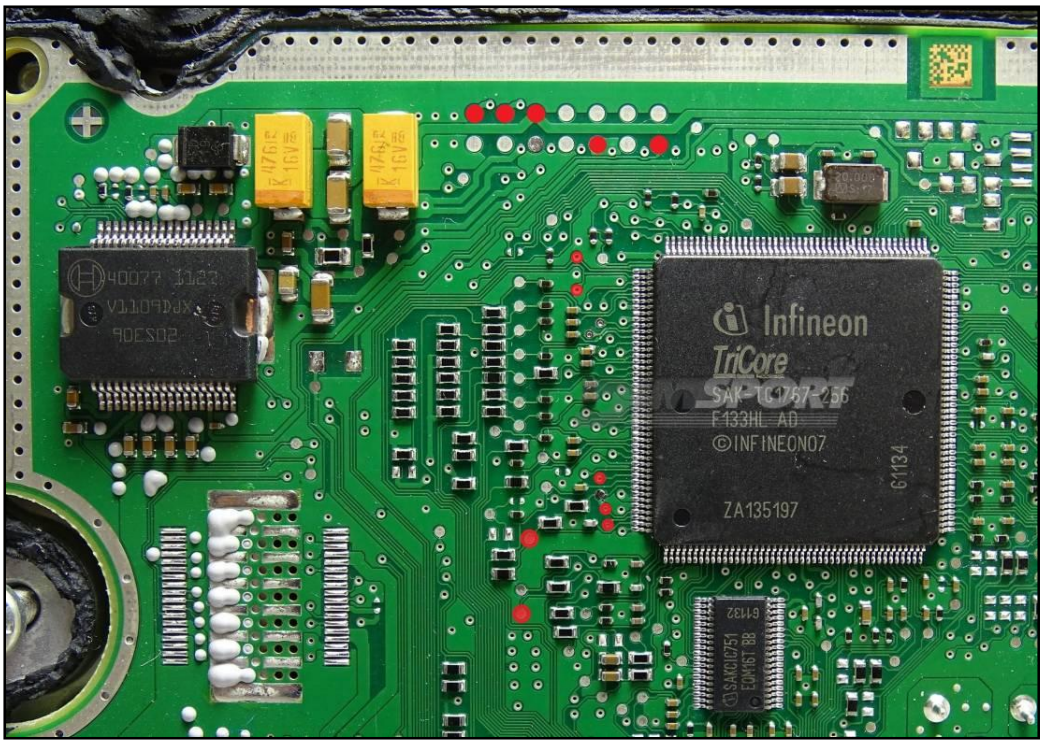
1. GPT connection with metal positioning frame adapter F34DM026

With the F34DM026 adapter connection there is no additional wirings or solderings to do, the GPT& power&communication lines are all present on the adapter.

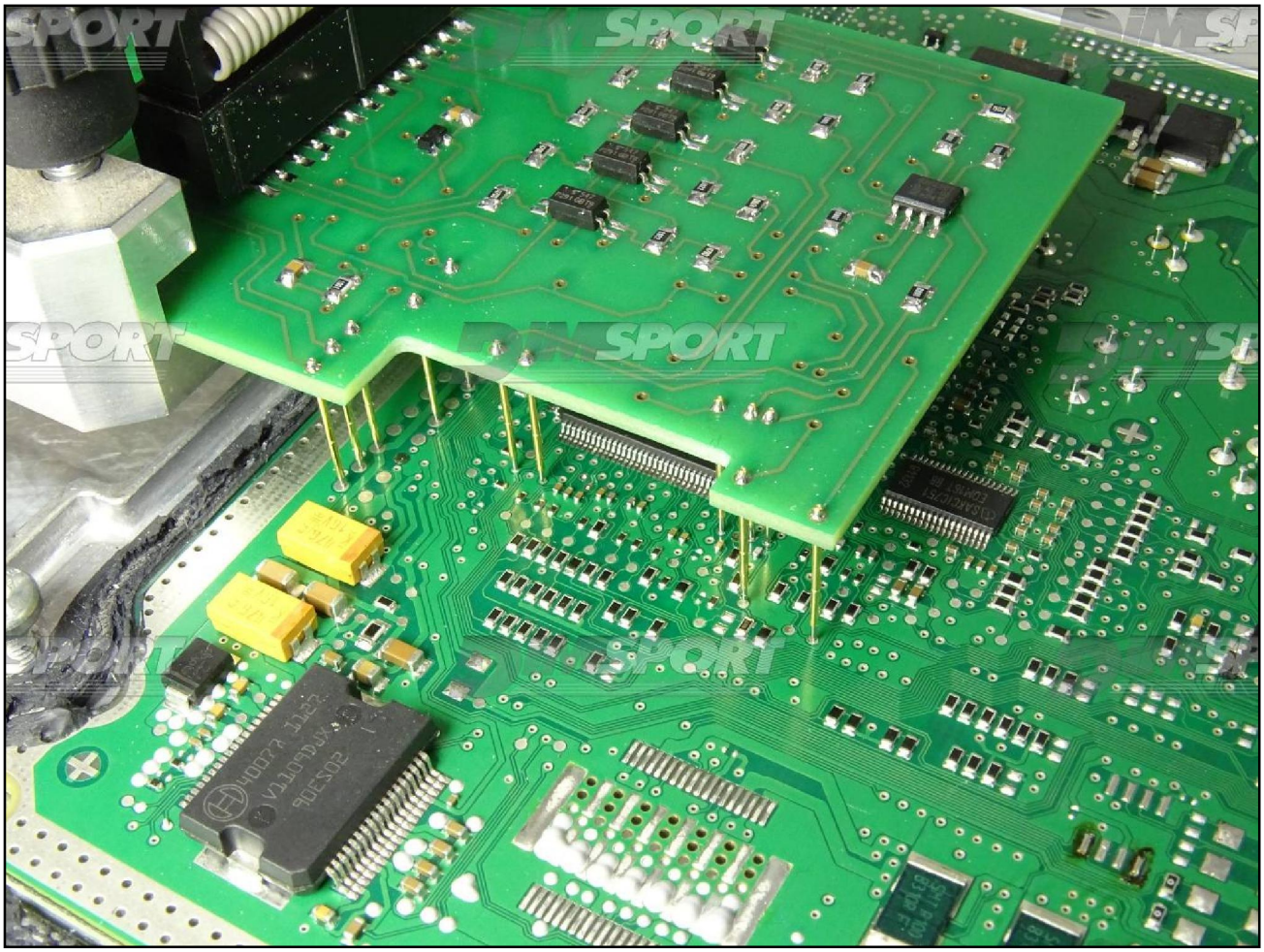




Here below the communication pads for the F34DM026 adapter are displayed.



BOSCH EDC17C59 IROM TC1767 GPT OPEL



BOSCH EDC17C59 IROM TC1767 GPT OPEL

BOSCH EDC17C59 IROM TC1767 GPT OPEL

DIFFERENT GPT CONNECTIONS

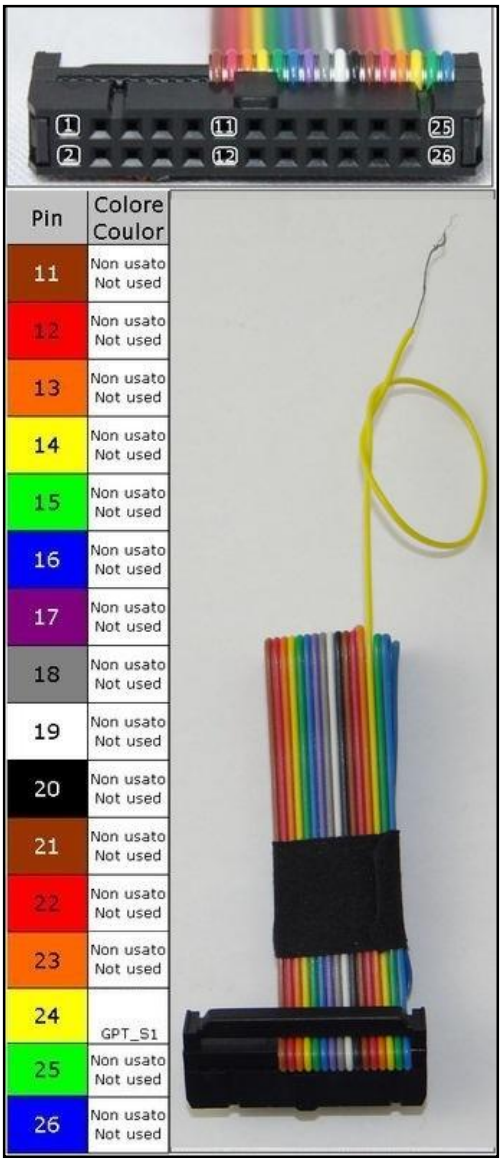
To perform the GPT connection it is necessary to use both the ANALOG PORT and the DIGITAL PORT.

2. GPT connection with loose wires

Connect the F32GN037 cable to the **ANALOG PORT**
Connect the F34NTF53 cable to the **DIGTAL PORT**, ONLY the wire 23 (ORANGE) and wire 24 (YELLOW) will be used as shown in the following picture

3. GPT connection with metal positioning frame adapter F34DM011 & BNP positioning frame

Connect the F32GN038 cable to the **ANALOG PORT**
Connect the F34NTF53 cable to the **DIGTAL PORT** ONLY the wire 23 (ORANGE) and wire 24 (YELLOW) will be used as shown in the following picture

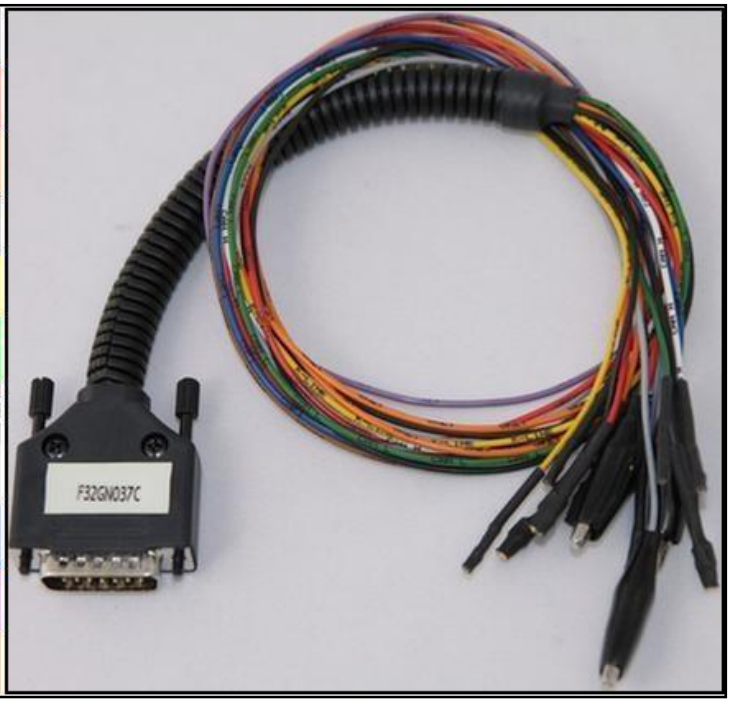


BOSCH EDC17C59 IROM TC1767 GPT OPEL

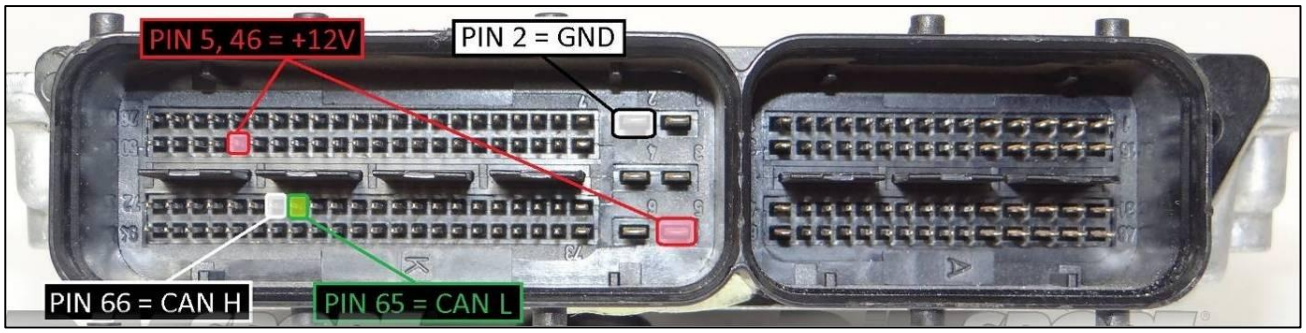
ECU CONNECTOR

For the connection with LOOSE WIRES use the cable F32GN037C connected to the ECU.
Make sure that the POWER led (red) on Trasdata is ON.
Do NOT use this connection for the metal positioning frame connection.

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

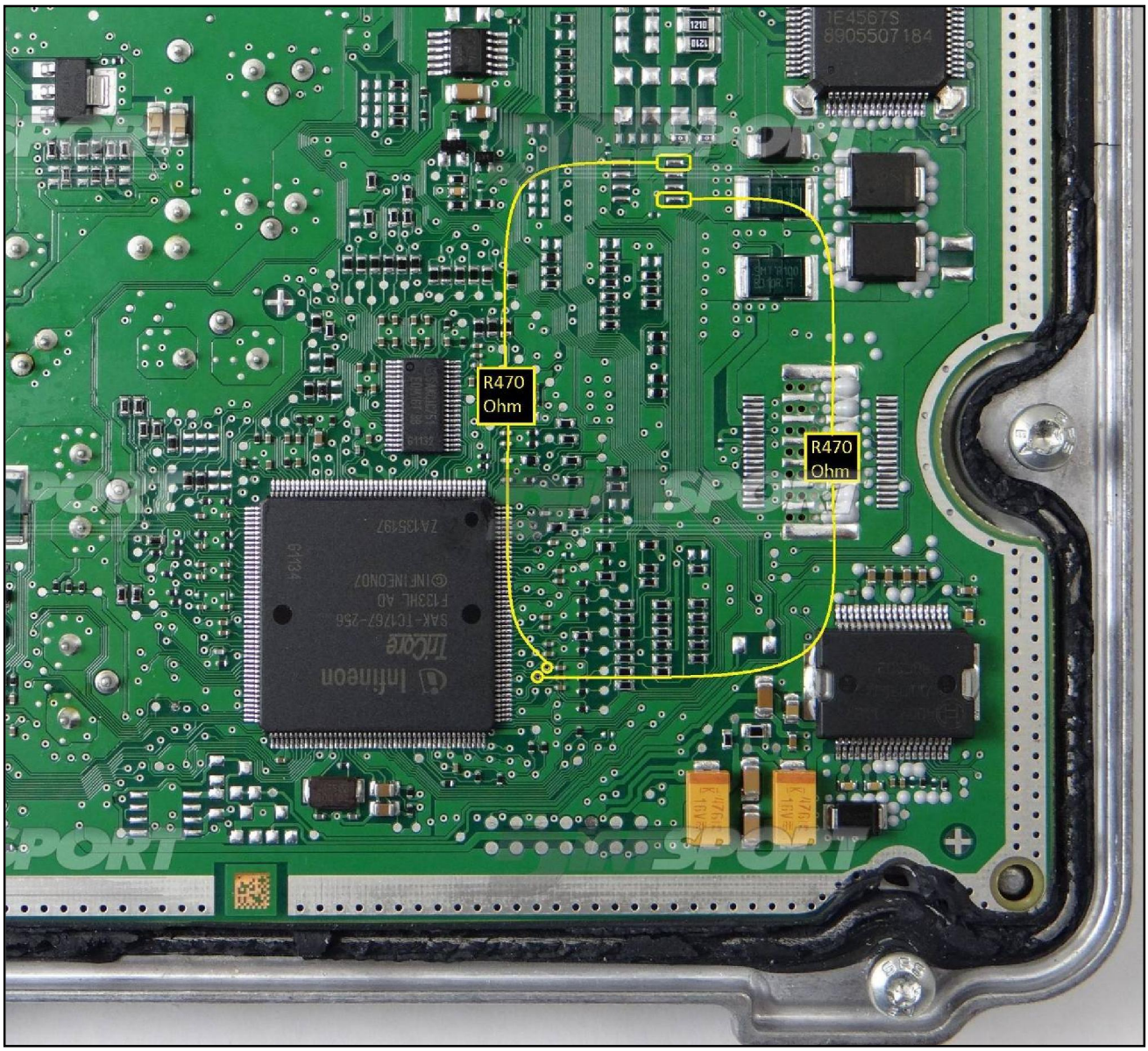


LOOSE WIRES CONNECTION

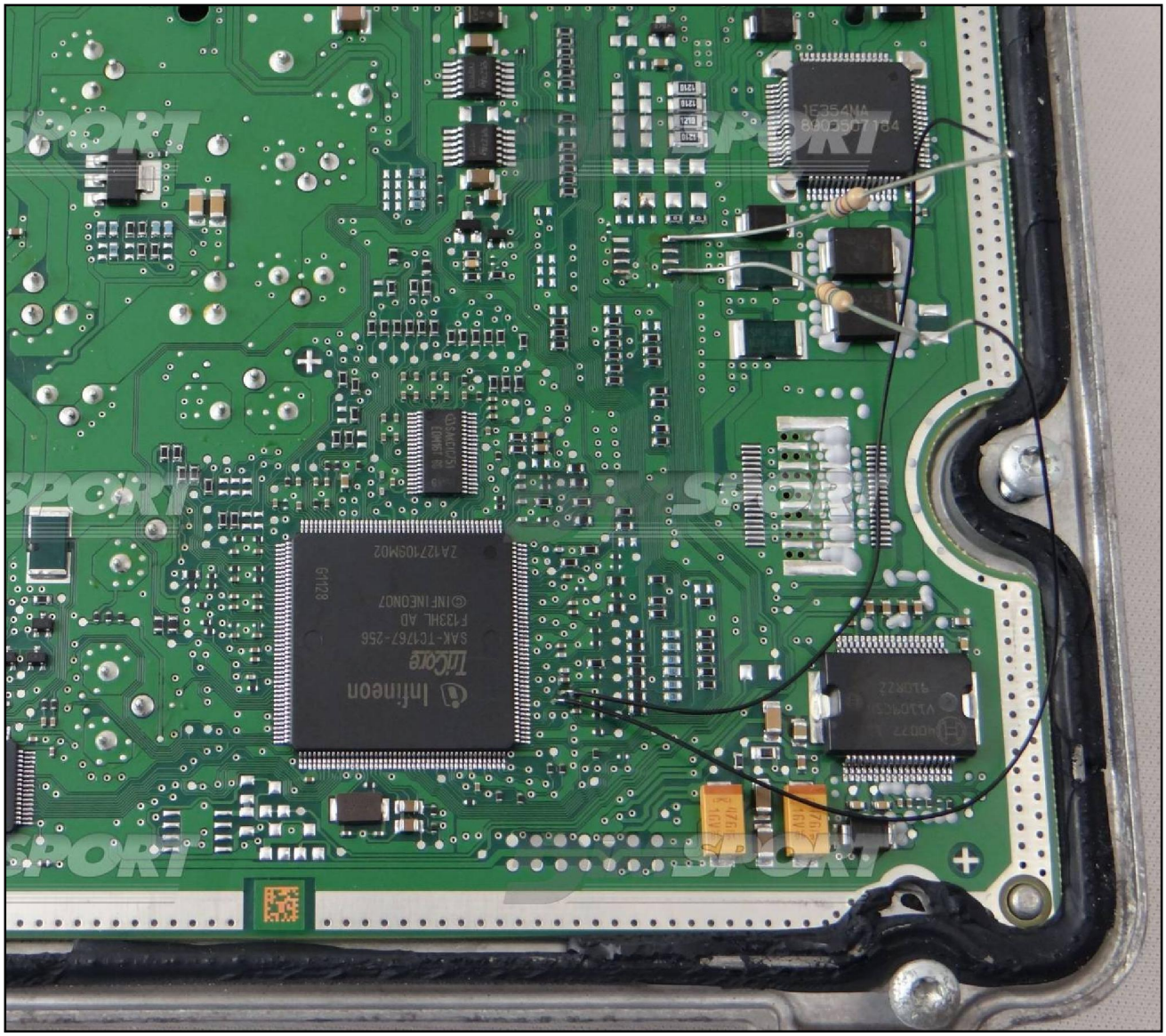


BOSCH EDC17C59 IROM TC1767 GPT OPEL

Attention: for a correct communication it is necessary to create a short circuit between the CAN pins of the microprocessor. The two short circuits **LINK 1 & LINK 2** (yellow link in the following picture) needs two in line resistors of 470 ohm (one resistor each bridge). Remove these bridges and resistors before setting the ECU back into the vehicle.
This specific connection with resistors is mandatory for both loose wires connection or metal positioning frame connection.



BOSCH EDC17C59 IROM TC1767 GPT OPEL



BOSCH EDC17C59 IROM TC1767 GPT OPEL

DIRECT BOOT&CNF1 CONNECTION

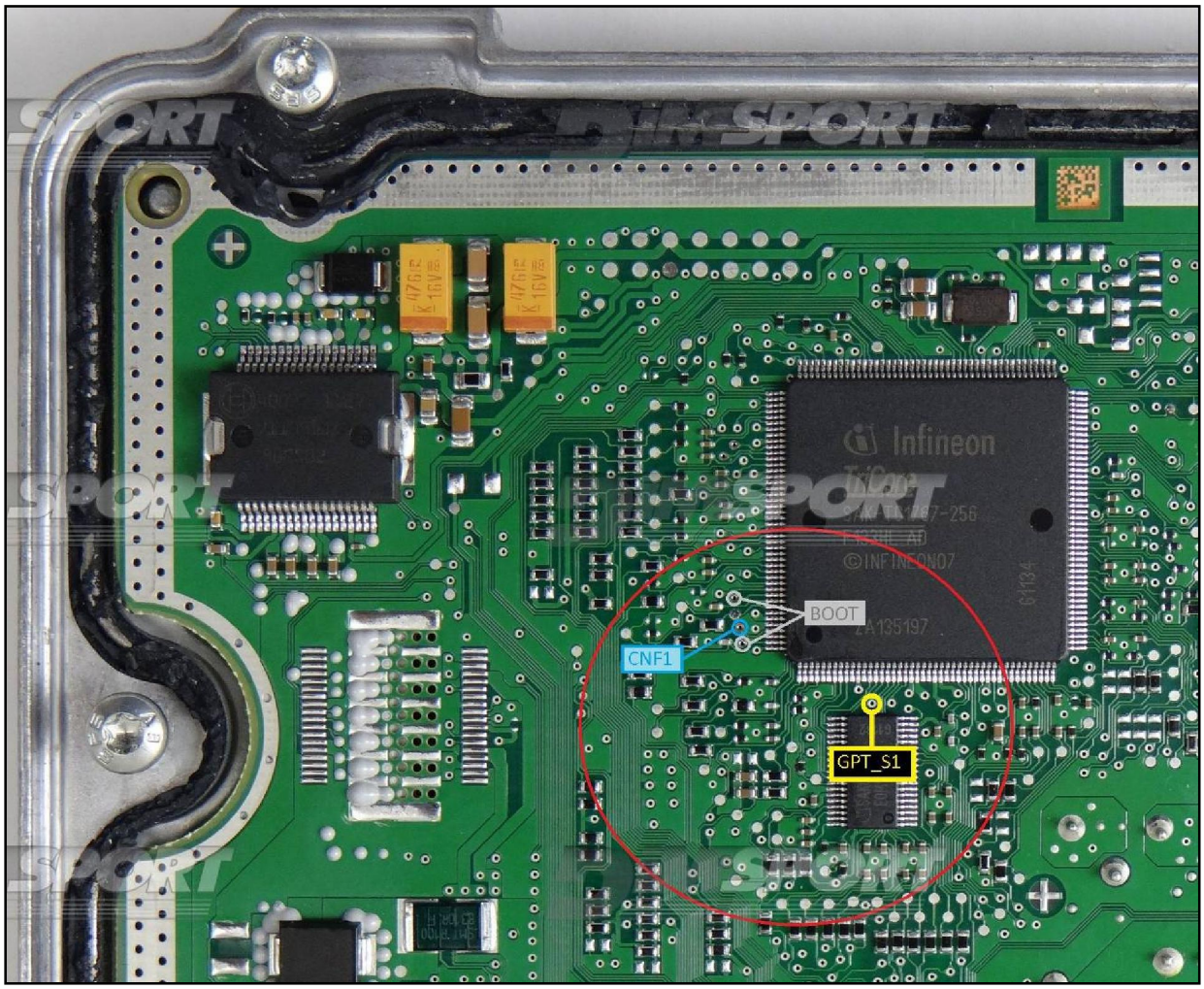
Connect the GREY and BLUE wires of the cable F32GN037C as shown in the picture.

COLORE FILO WIRE COLOUR		DESCRIZIONE DESCRIPTION
	GRIGIO GREY	POL4 BOOT
	BLU BLUE	POL5 CNF1

GPT CONNECTION

Connect the GPT S1 pin to the specific wires of the F34NTF53 flat cable as shown in the following picture.

PIN / Colore PIN / Coulor	DESCRIZIONE DESCRIPTION
24	GPT_S1



GPT CONNECTION WITH METAL POSITIONING FRAME ADAPTER F34DM011 & BNP POSITIONING FRAME
CONNESSIONE CON ADATTATORE DIMA F34DM011 & DIMA BNP

For the DIMA connection is required the F34DM011 DIMA adapter + the F32GN038 flat cable.
Connect the F32GN038 FLAT cable to the ANALOG PORT and to the F34DM011 DIMA adapter.
Connect the F34NTF53 flat cable to the DIGITAL PORT.
Then perform the connections as shown in the previous detail at pg.7 and 9 using for the signals BOOT and CNF1 the specific clamps on the F34DM011 DIMA adapter (verify that the yellow BOOT switch present on the F34DM011 is set in position ON). Perform GPT connections with the F34NTF53 flat cable as shown in the previous detail at pg.9 and as in the following picture.