

## BOSCH MED17.9.7 IROM TC1767 GPT JAGUAR LR

plugin 827 BOSCH MED17.9.7 IROM TC1767 GPT JAGUAR LR

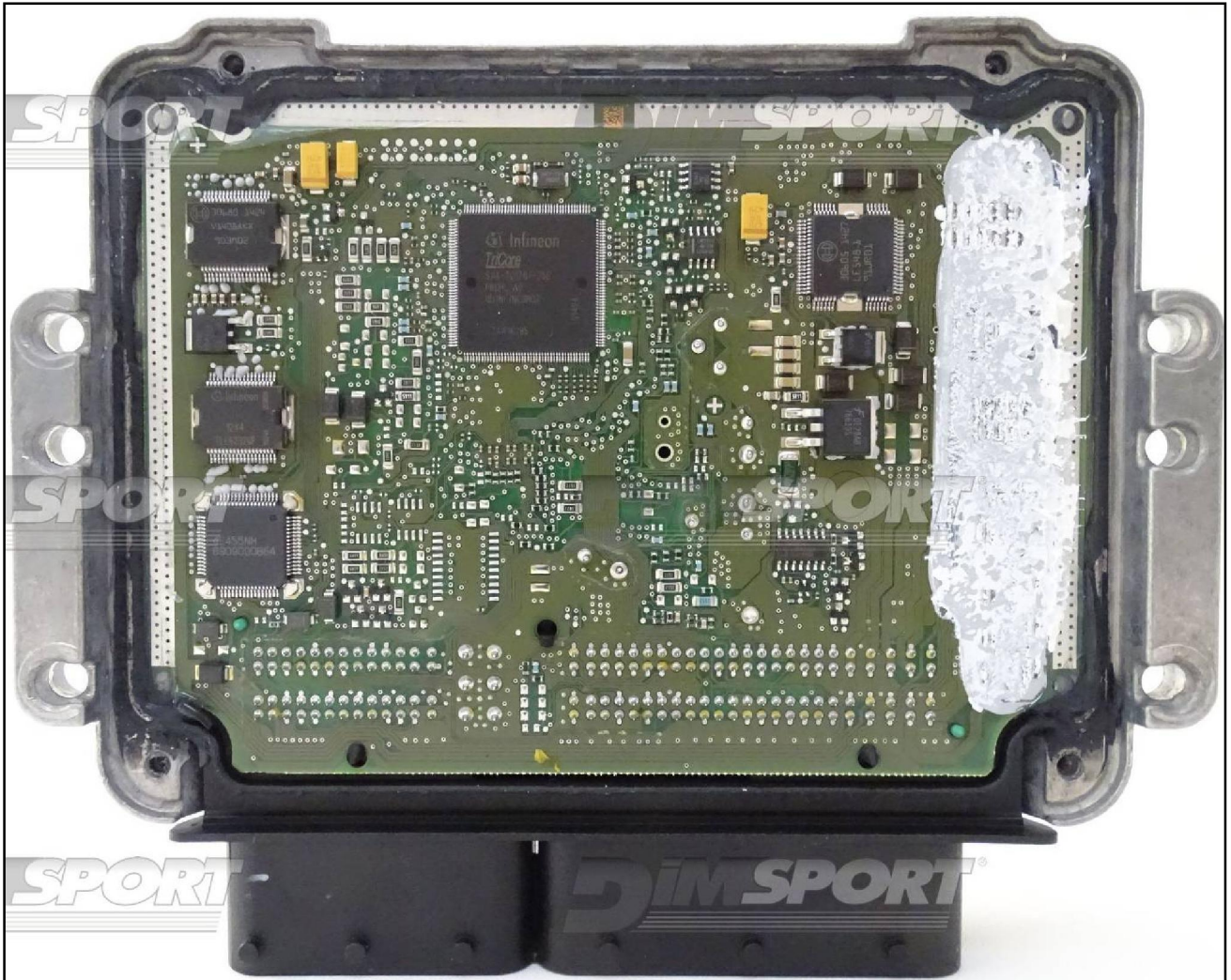
On this ECU there are 3 different connections possible:

1. GPT connection with metal positioning frame adapter F34DM028
2. GPT connection with LOOSE WIRES
3. GPT connection with metal positioning frame adapter F34DM011 & BNP

## MED17.9.7 LAND ROVER



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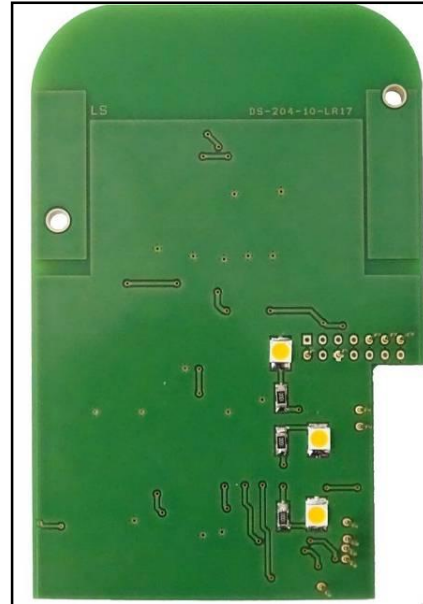
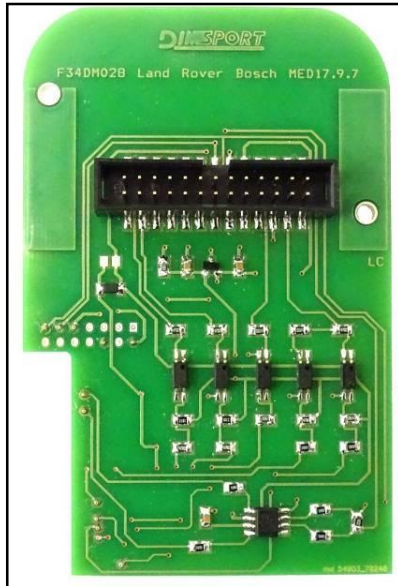


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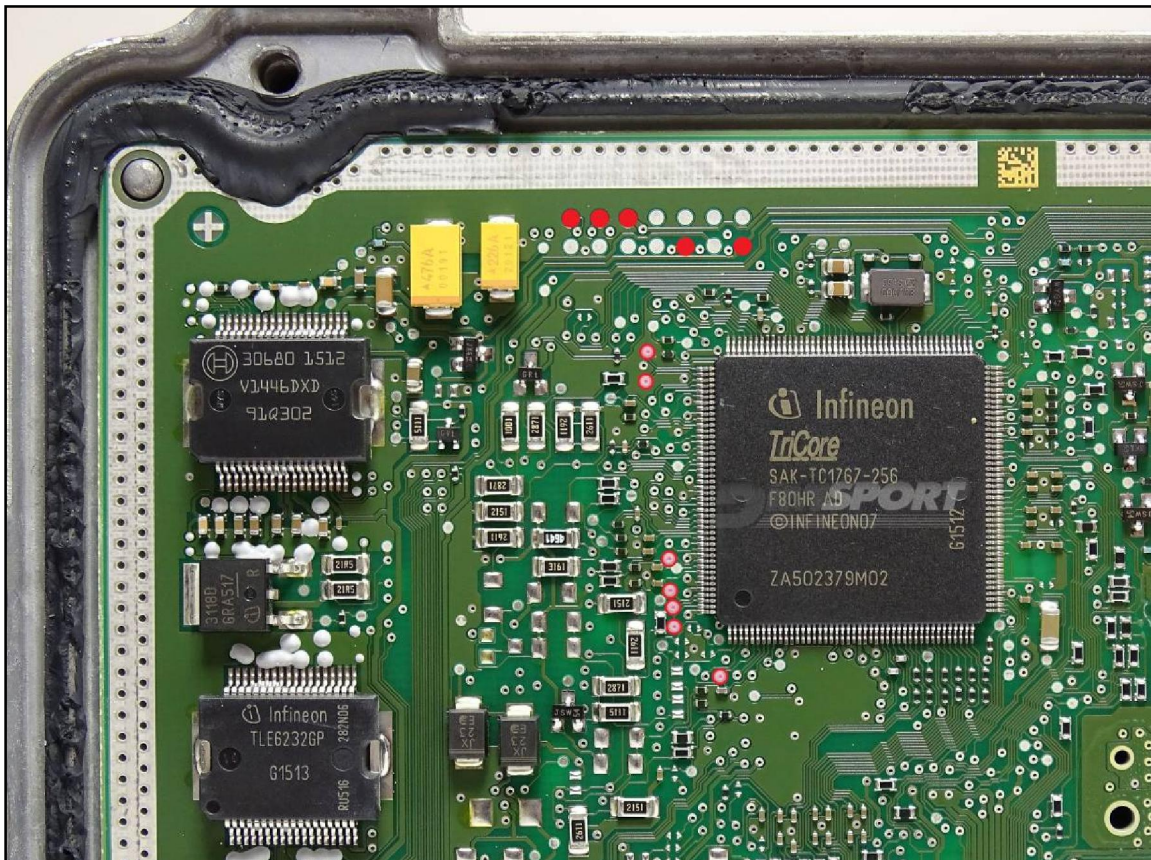
## 1. GPT connection with metal positioning frame adapter F34DM028

With the F34DM028 adapter no additional connections are required.

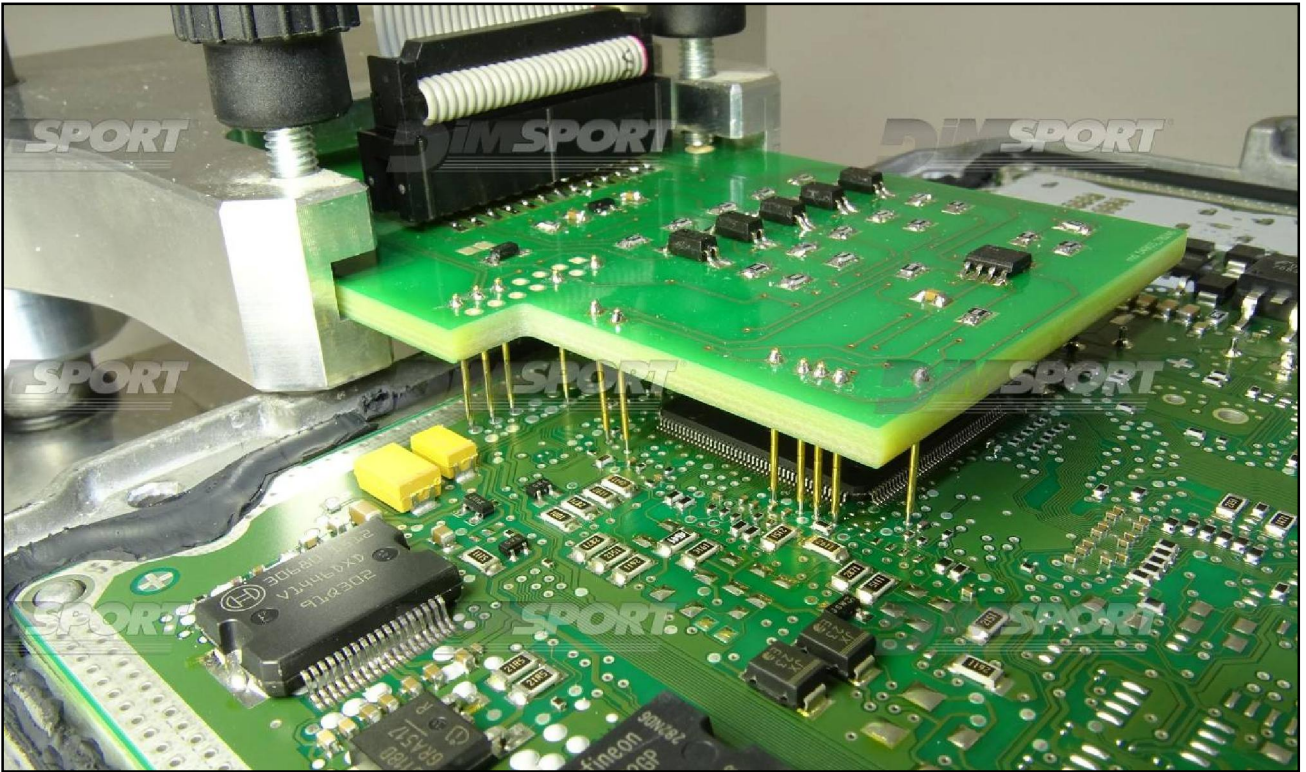
GPT connections, power connections and communication lines are ALL on the F34DM028 adapter.



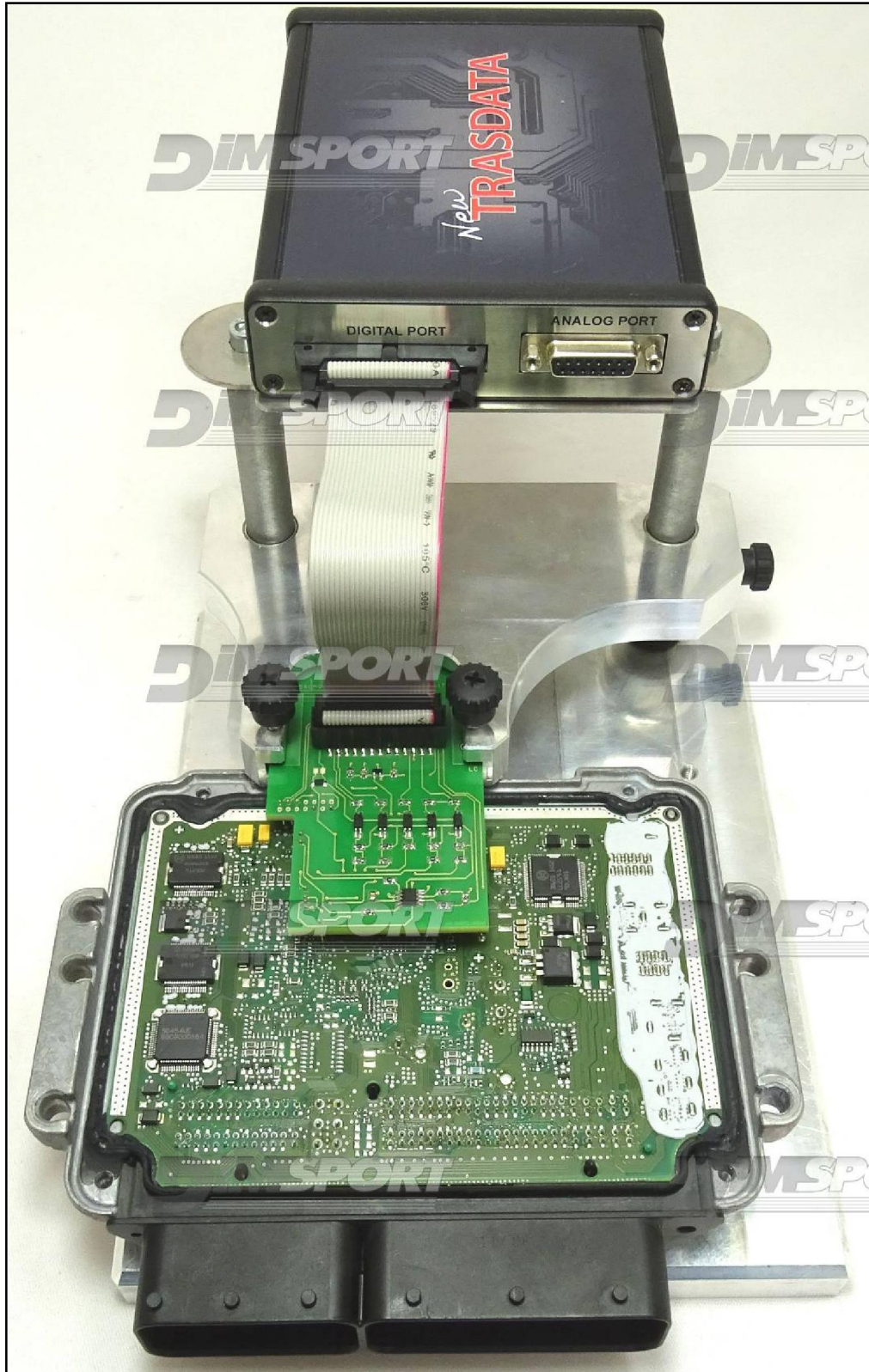
On the following picture the lay-by pins used by the F34DM028 adapter are displayed.



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### GPT CONNECTION MODE

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**

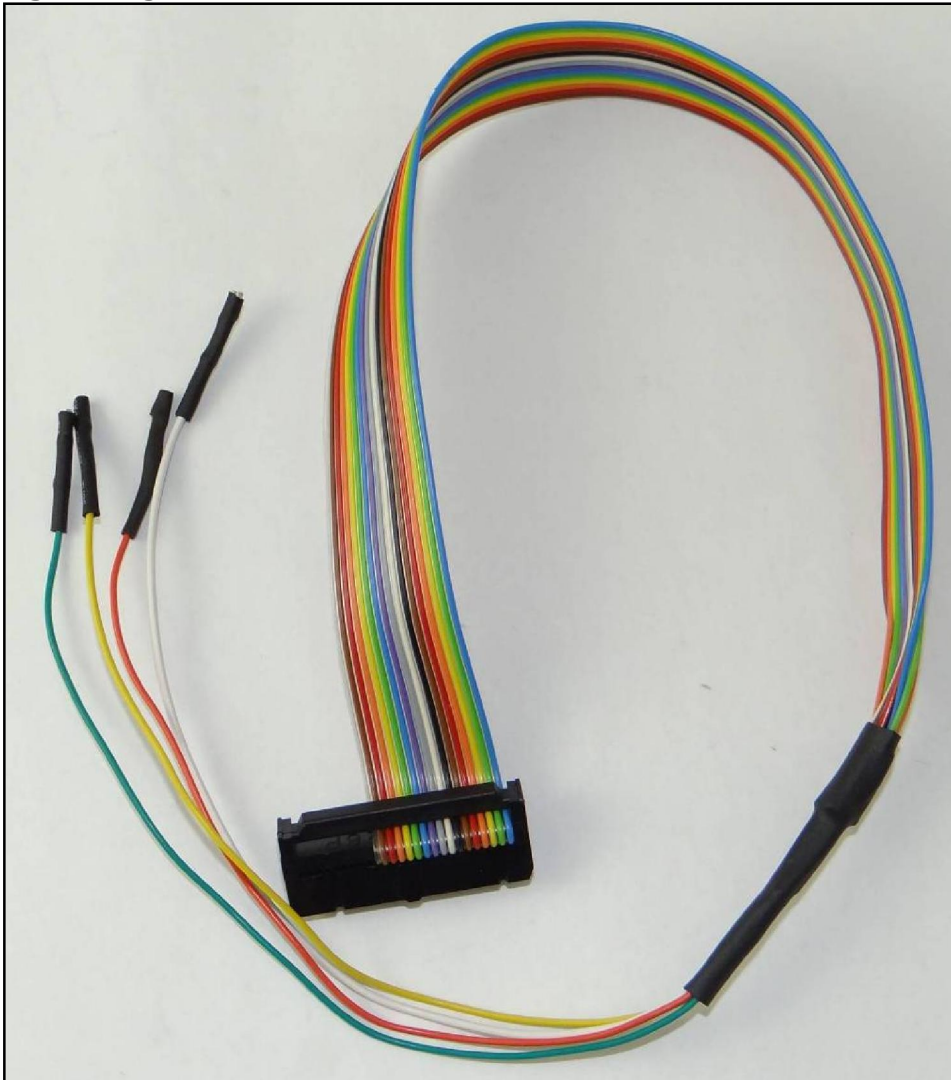
Connect the F34NTA15 to the **DIGITAL PORT**, use the YELLOW and ORANGE wires ONLY for the GPT signals as displayed in the following pictures.

#### 3. GPT connection with METAL POSITIONING FRAME

Connect the F32GN038 cable to the **ANALOG PORT**

Connect the F34NTA15 to the **DIGITAL PORT**, use the YELLOW and ORANGE wires ONLY for the GPT signals as displayed in the following pictures.

#### F34NTA15



## BOSCH MED17.9.7 IROM TC1767 GPT JAGUAR LR

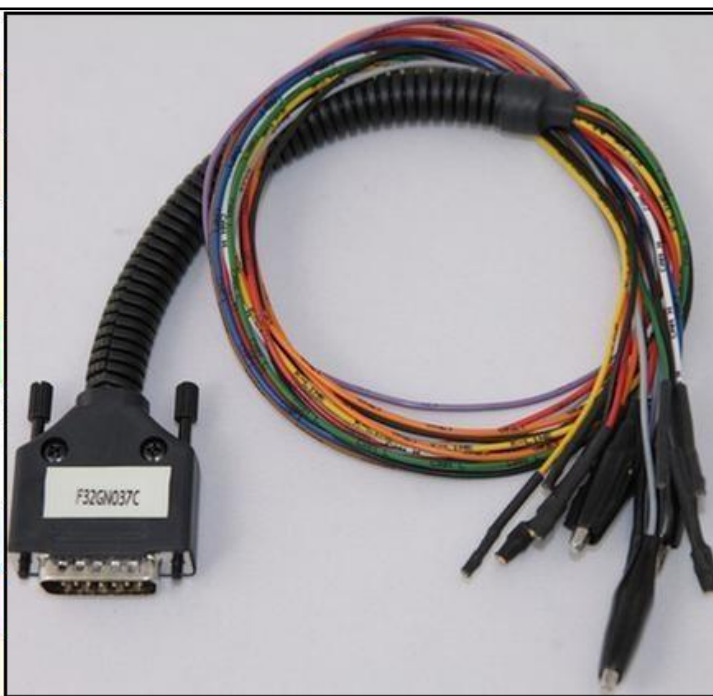
### ECU CONNECTOR

For the connection use the cable F32GN037C connected to the ECU.

Make sure that the POWER led (red) on Trasdata is ON.

Do not use this connection with the metal positioning frame, it will be the F34DM011 adapter to power the ECU.

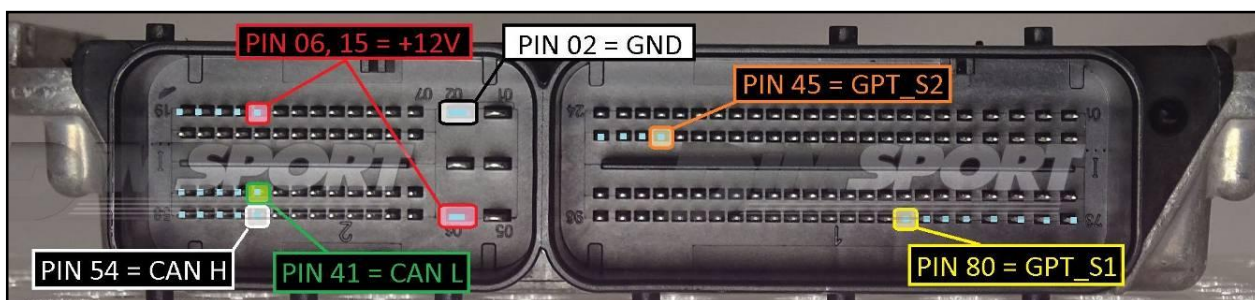
COLORE FILO WIRE COLOUR	DESCRIZIONE DESCRIPTION
ROSSO RED	POSITIVO DIRETTO POWER BATTERY
ARANCIO ORANGE	POSITIVO SOTTO QUADRO POWER SWITCH ON
NERO BLACK	MASSA GND
GIALLO YELLOW	KLINE
VERDE GREEN	CAN LOW
BIANCO WHITE	CAN HIGH
GRIGIO GREY	POL4 BOOT
BLU BLUE	POL5 CNF1
VIOLA/GRIGIO PURPLE/GREY	TENSIONE PROG.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



### GPT DIRECT CONNECTION

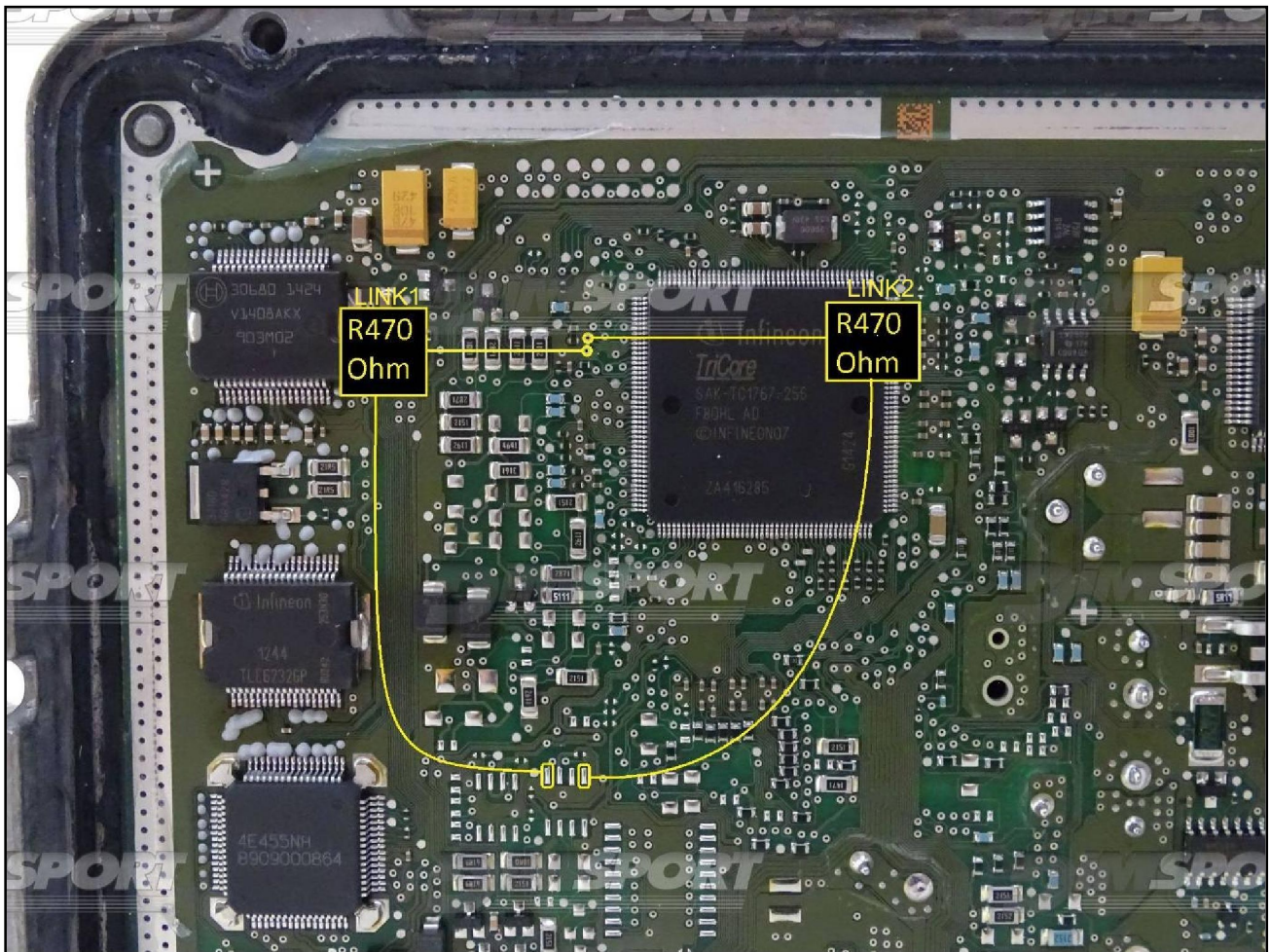
GPT connection is required for the first time only, after the first ECU reading it is not necessary any longer. Connect the F34NTA15 flat cable to the GPT S1 & GPT S2 pins.

PIN / Colore PIN / Coulor	DESCRIZIONE DESCRIPTION
Orange	GPT_S2
Yellow	GPT_S1



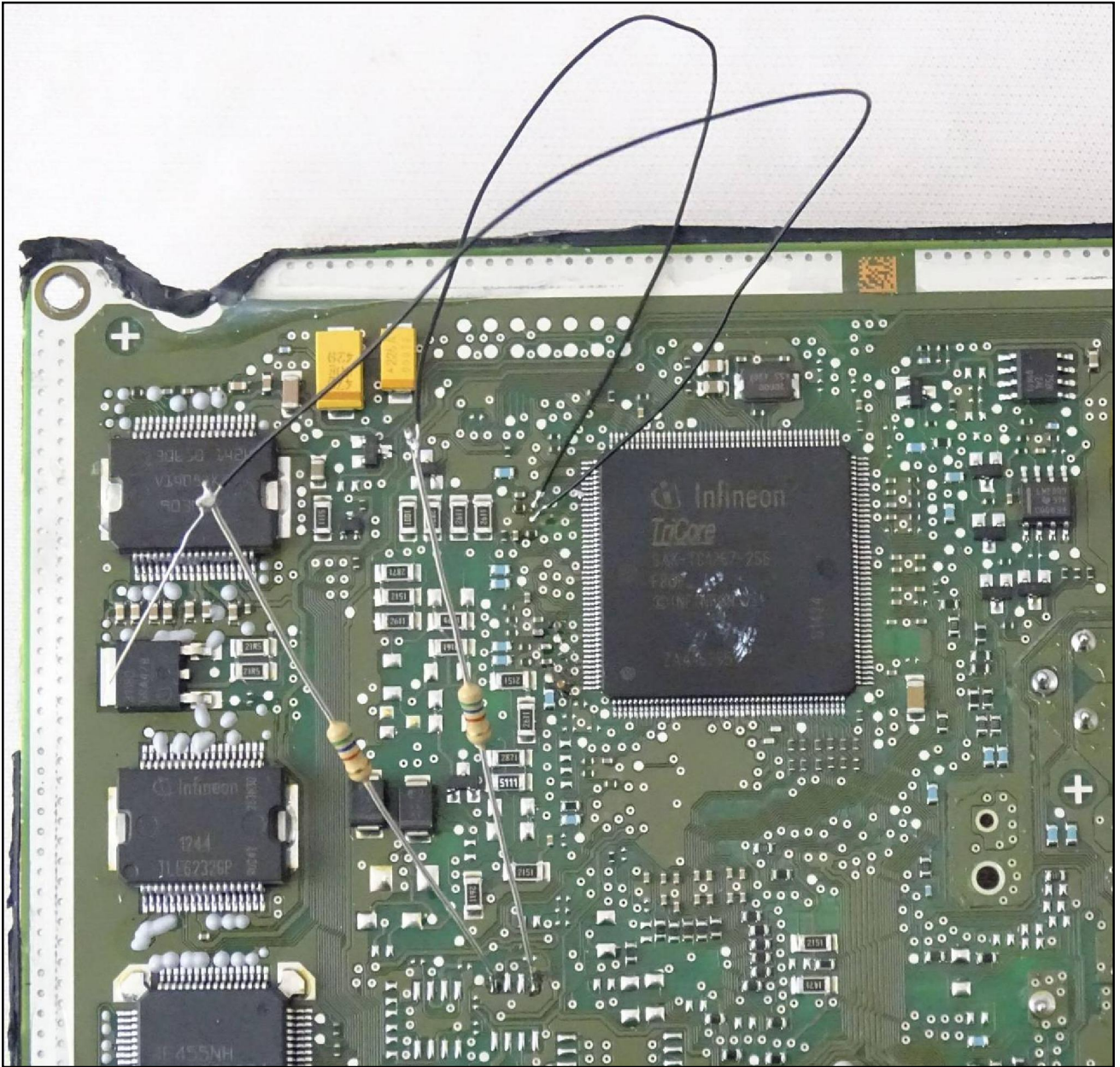
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**WARNING:** for a correct communication with the ECU the first time it is necessary to perform two short circuits **LINK 1 & LINK 2** using two 470 Ohm resistors as displayed in the following pictures. Remove such LINKs before placing the ECU back into the vehicle. Such LINKs are necessary for both connection methods: direct connection or METAL POSITIONING FRAME & BNP POSITIONING FRAME. These LINKs are necessary during the first ECU connection, after the first ECU identification the LINK1 & LINK2 will not be necessary any longer.





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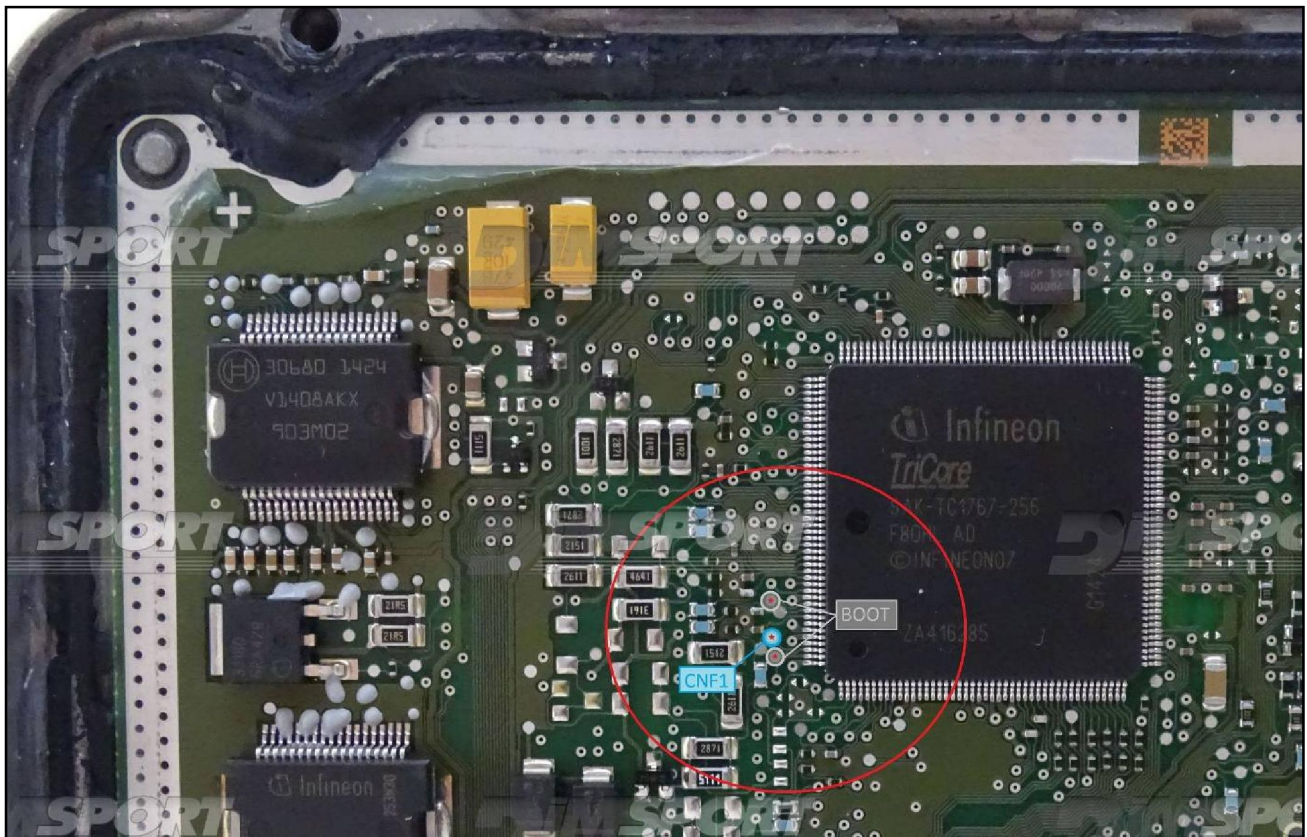


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**BOOT&CNF1 DIRECT CONNECTION**

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



## BOSCH MED17.9.7 IROM TC1767 GPT JAGUAR LR

### **METAL POSITIONIN FRAME & BNP POSITIONIN FRAME CONNECTION**

For the metal positioning frame connection is required the F34DM011 adapter + the F32GN038 flat cable.

Connect the F32GN038 FLAT cable to the ANALOG PORT and to the F34DM011 adapter.

For the first ECU connection it is necessary to use the GPT connection too, connect the F34NTA15 flat cable to the DIGITAL PORT and to the ECU as shown at pg.7 .

Perform the connections as shown in the previous detail at pg.10 using for the BOOT&CNF1 signals the specific clamps on the F34DM011 adapter (verify that the yellow BOOT switch present on the F34DM011 is set in position ON).

