plugin 667 BOSCH EDC17CP45 IROM TC1797 GPT
BMW

GPT CONNECTION MODE

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

GPT connection with loose wires
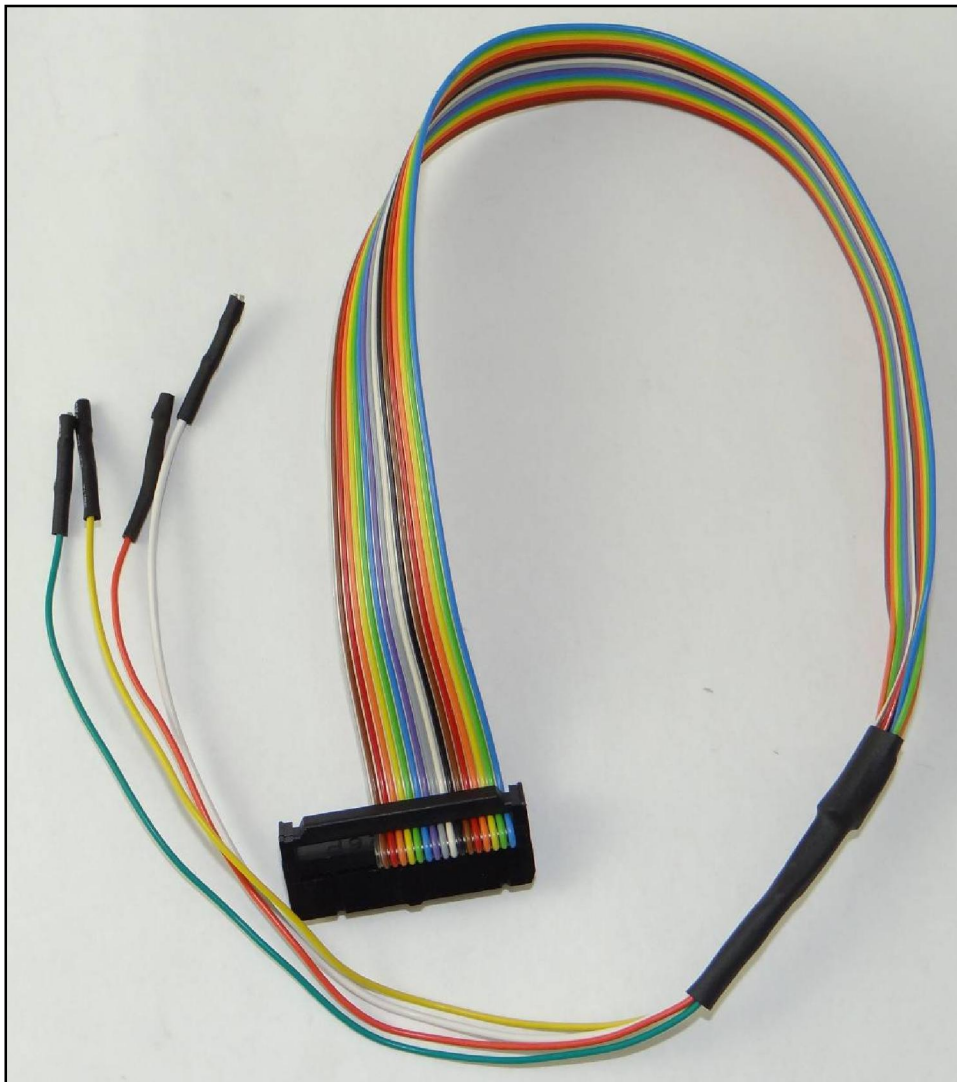Connect the F32GN037 cable to the **ANALOG PORT**
Connect the F34NTA15 to the **DIGITAL PORT**, use the YELLOW and ORANGE wires ONLY for the
GPT signals as displayed in the following pictures.

GPT connection with DIMA
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

WARNING : to get access to the BOOT pin and to the programming pads for the DIMA connection it is necessary to remove the motherboard on both sides, unglue both metal covers with care. After opening and before reading YOU MUST connect the ecu on the car to check if that car starts.
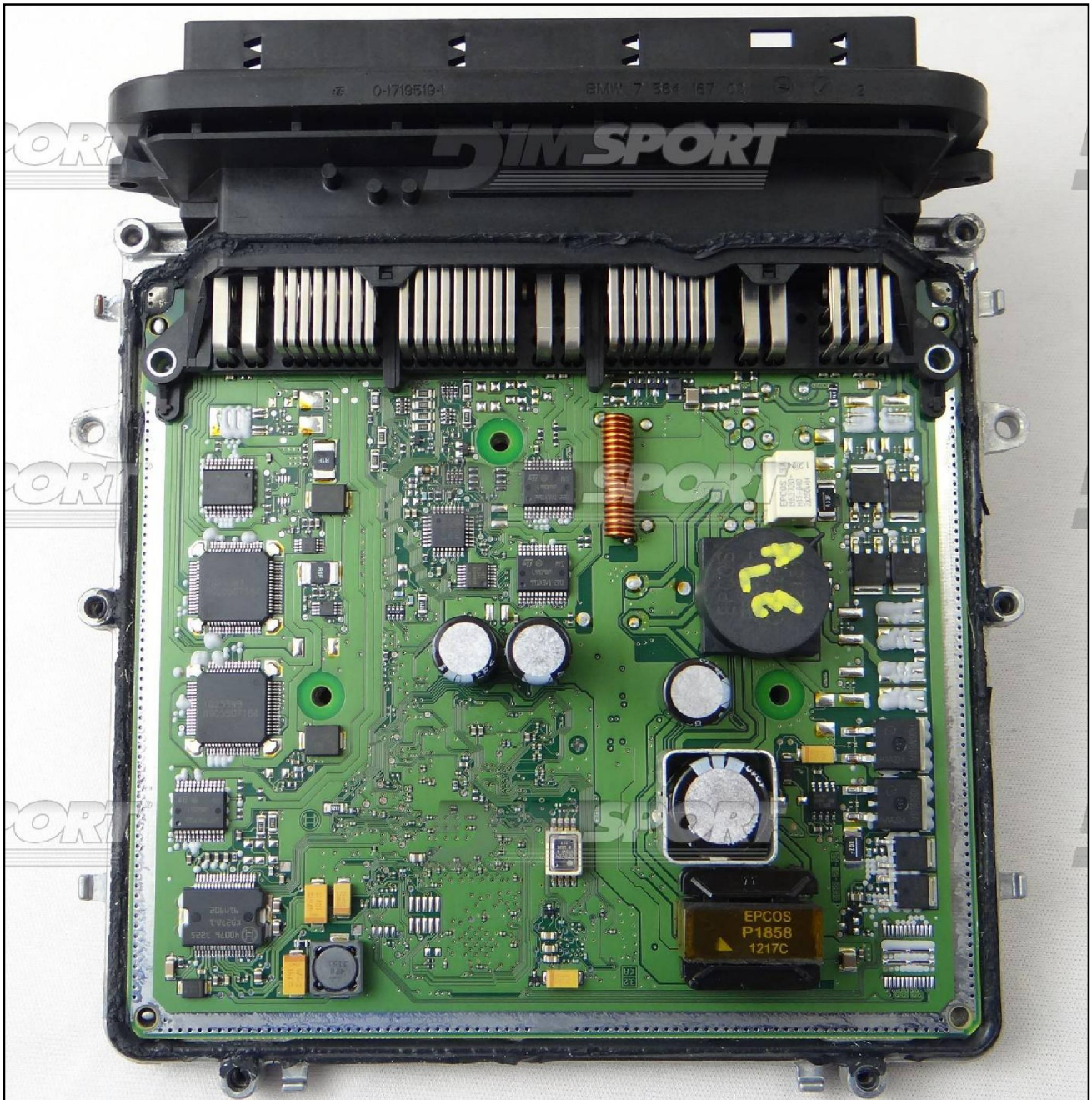
IMPORTANT: before setting the ECU back into the vehicle close the ECU with the covers and tighten up very well the screws because they fix the motherboard to the metal covers. DO NOT START the engine without performing such operation before.

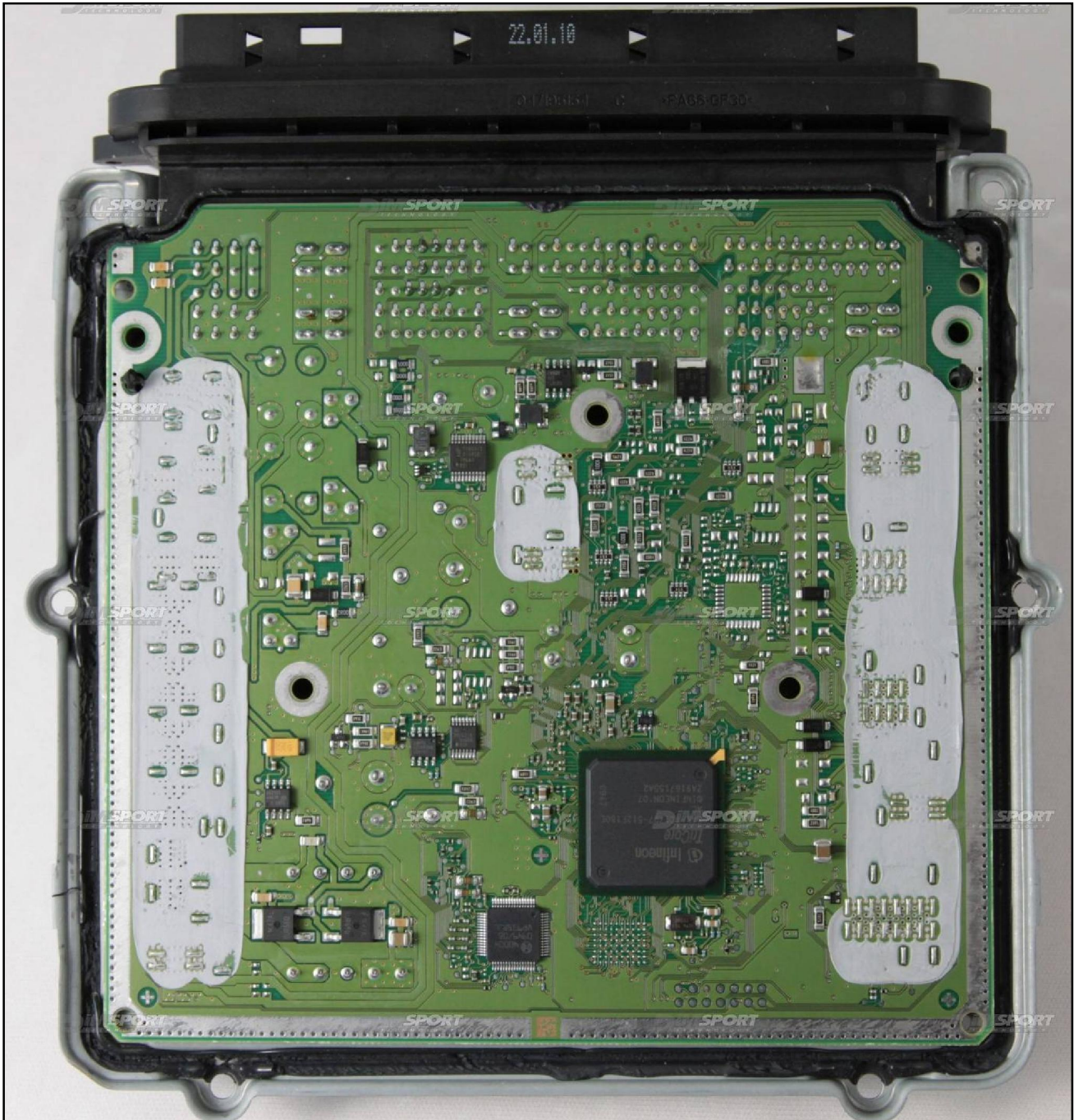## 6 CYLINDER DIESEL ENGINE - EDC17CP45 (DDE731)

4 CYLINDER DIESEL ENGINE - EDC17CP45 (DDE731)

BOSCH EDC17CP45 IROM TC1797 GPT BMW
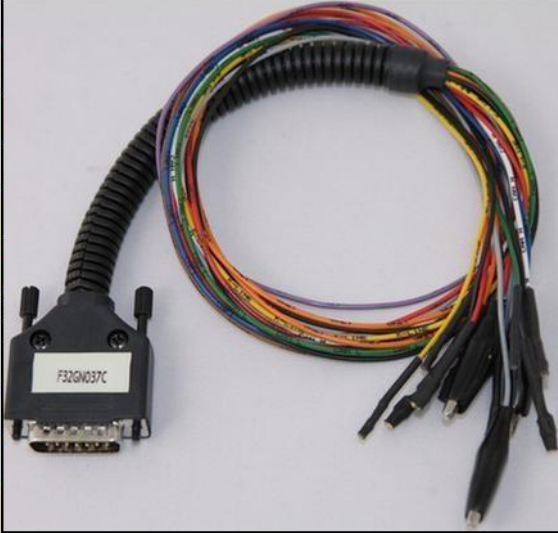
BOSCH EDC17CP45 IROM TC1797 GPT BMW

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 kit, it will be the F34DM011 to power the ECU.
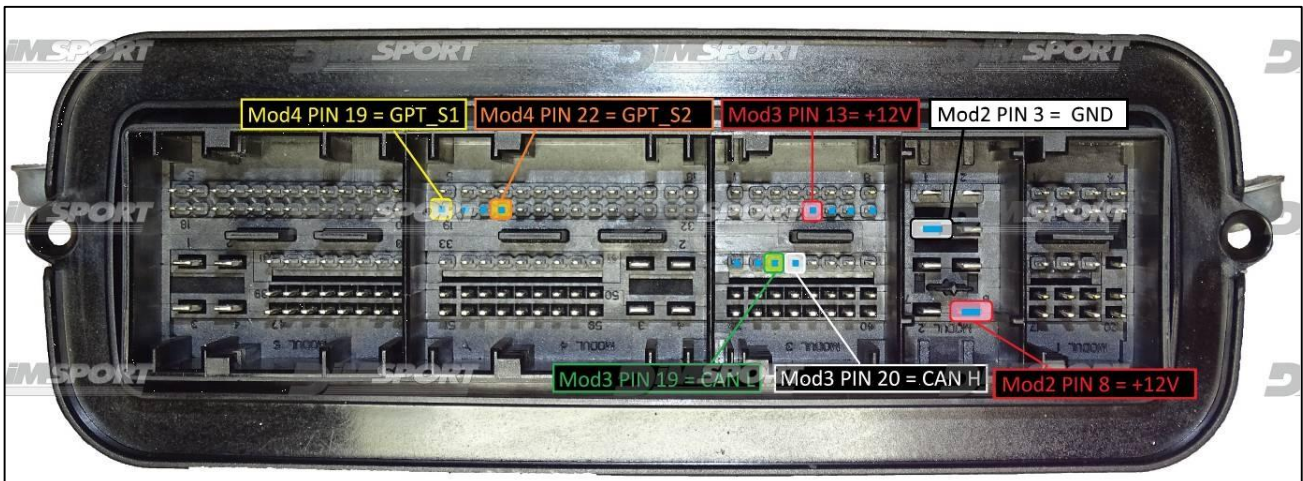
COLORE FILO WIRE COLOUR		DESCRIZIONE DESCRIPTION
	ROSSO RED	POSITIVO DIRETTO POWER BATTERY
	ARANCIO ORANGE	POSITIVO SOTTO QUADRO POWER SWITCH ON
	NERO BLACK	MASSA GND
	GIALLO YELLOW	KLINE
	VERDE GREEN	CAN LOW
	BIANCO WHITE	CAN HIGH
	GRIGIO GREY	POL4 BOOT
	BLU BLUE	POL5 CNF1
	VIOLA/GRIGIO PURPLE/GREY	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.

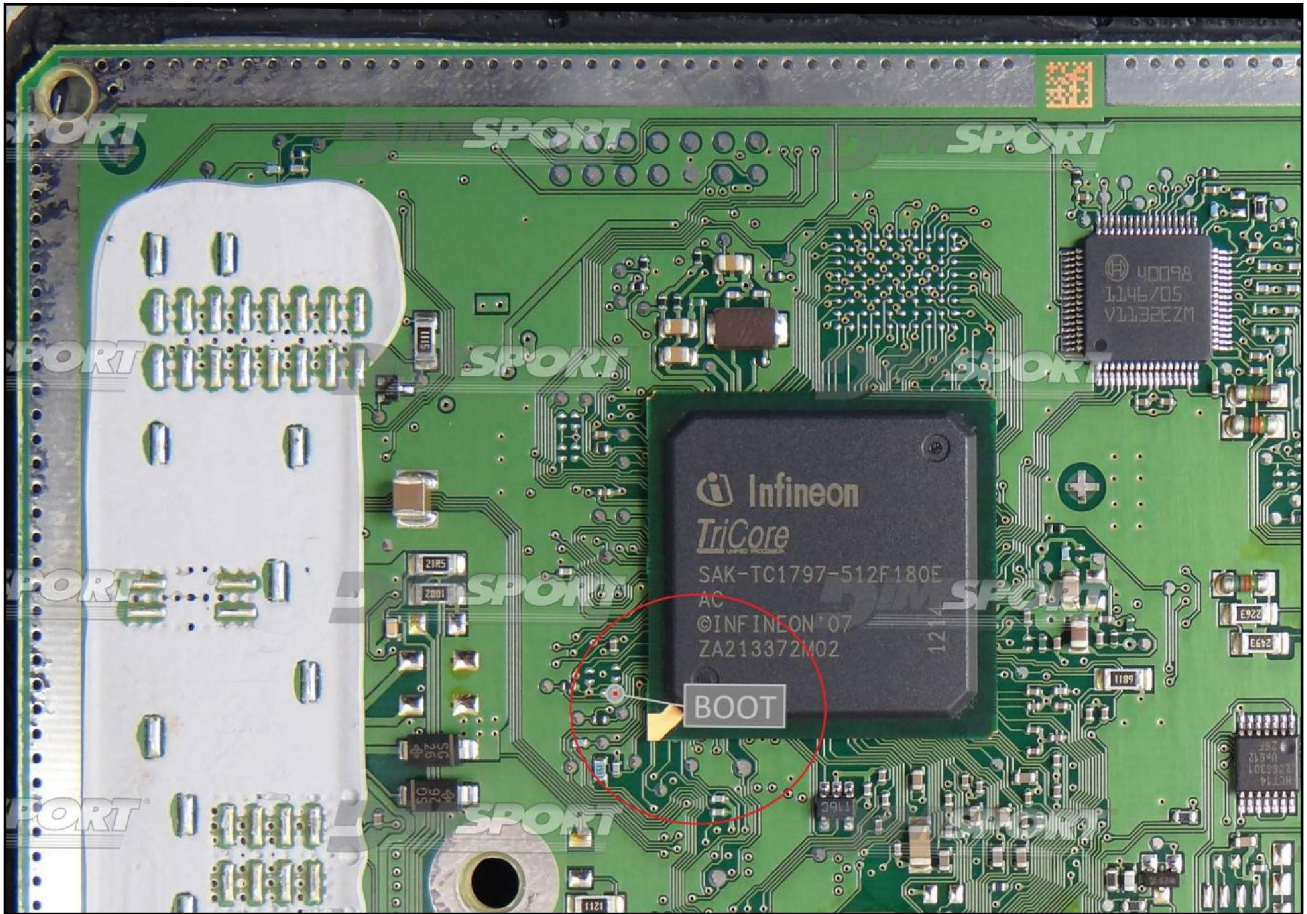| PIN / Colore PIN / Coulor	DESCRIZIONE DESCRIPTION
	GPT_S2
	GPT_S1

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BOOT CONNECTION
Connect the GREY wire of the cable F32GN037C as shown in the picture.

	COLORE FILO WIRE COLOUR	DESCRIZIONE DESCRIPTION
	GRIGIO GREY	POL4 BOOT

BOSCH EDC17CP45 IROM TC1797 GPT BMW

METAL POSITIONING FRAME & BNP POSITIONING FRAME CONNECTION

For the DIMA connection is required the F34DM011 adapter + the F32GN038 flat cable.
Connect the F32GN038 FLAT cable to the ANALOG PORT and to the F34DM011 adapter.
Connect the F34NTA15 flat cable to the DIGITAL PORT and to the ECU as described at pg.5 .
Perform the connections as shown in the previous detail at pg.6 using for the BOOT signal the specific clamp on the F34DM011 adapter (verify that the yellow BOOT switch present on the F34DM011 is set in position ON).