plugin 220

WARNING: in order to know in advance whether the ECU protection type is supported by the Trasdata you can perform the Obd Data function, IF the ECU protection type is NOT supported by Trasdata you can avoid ECU opening as it is not possible to work on the ECU.

Obd Data required cable: F34NTA14

1. connect Trasdata tool to the pc via USB
2. connect F34NTA14 cable to the Trasdata DB25 port
3. connect the F34NTA14 cable to the vehicle OBDII port
4. run the sw to manage the Trasdata tool
5. select the correct connection mode for the vehicle
6. click on Obd Data button
7. wait until the end of the Obd Data procedure

IF the Obd Data operation ends correctly it means that the ECU protection type is supported by the Trasdata. It is possible then to work (read/write) on the ECU following the specific ECU connections of the following pages.

IF the Obd Data does NOT ends correctly it means that the ECU protection type is NOT supported by the Trasdata. You can avoid the ECU opening because it is NOT possible to work on that ECU.
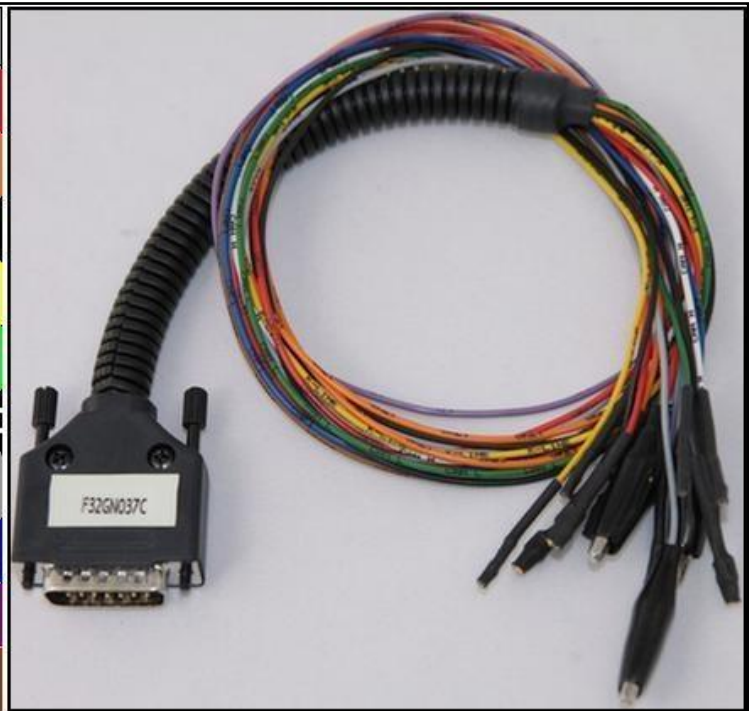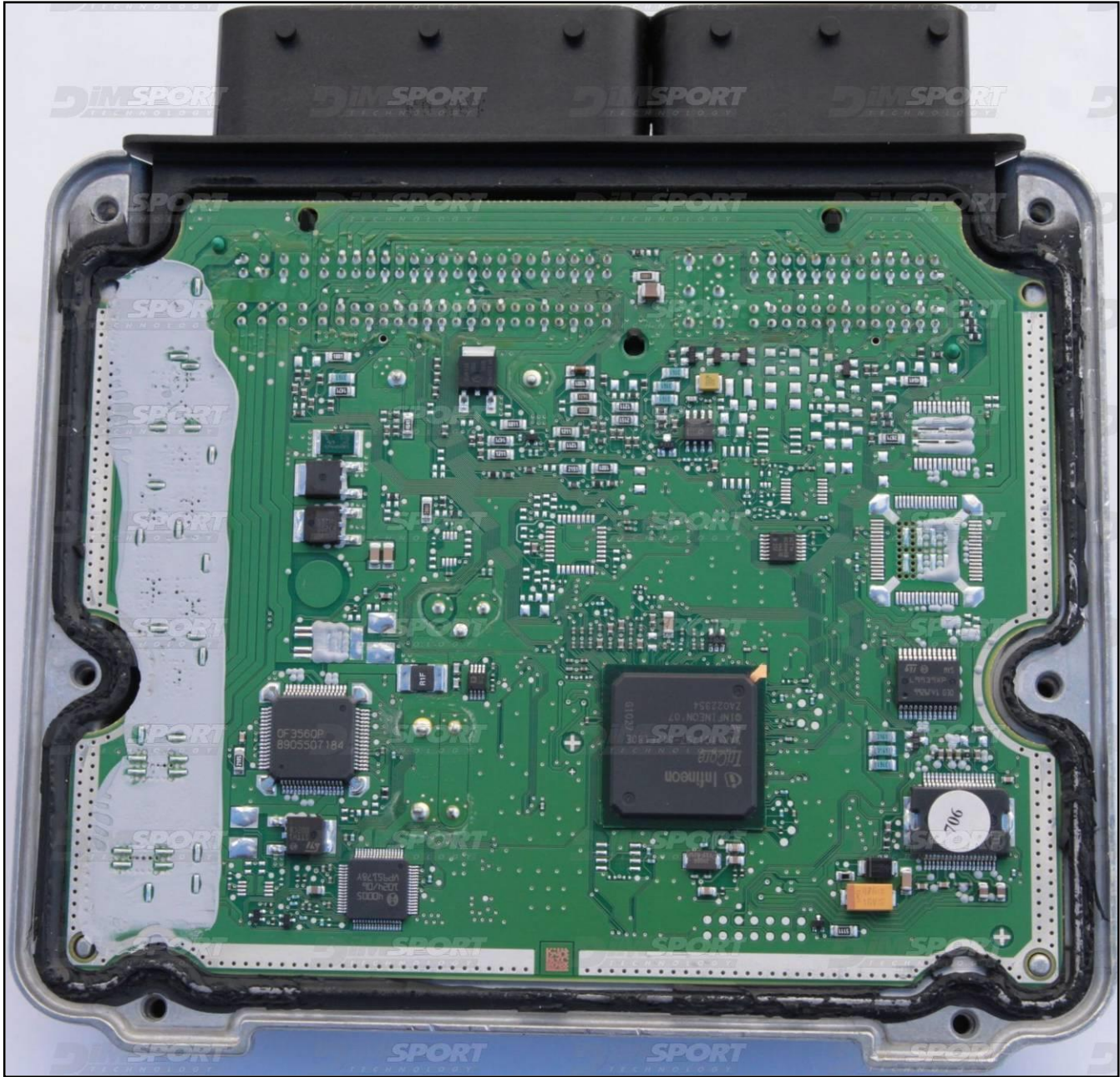
BOSCH EDC17C41 IROM TC1797 BMW MINI

DIRECT CONNECTION

In order to connect to the ECU use the CABLE F32GN037C/D.
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
	BIANCO WHITE	CAN HIGH
	GRIGIO GREY	POL4 BOOT
	BLU BLUE	POL5 CNF1
	VIOLA/GRIGIO PURPLE/GREY	TENSIONE PROG. PROG. VOLTAGE
	MARRONE BROWN	RESET

01) EDC17C41 BMW-MINI DIESEL

BOSCH EDC17C41 IROM TC1797 BMW MINI

ECU CONNECTOR

PIN 1,18 = +12V

PIN 2 = GND

PIN 56 = CAN H

PIN 55 = CAN L

BOOT DIRECT CONNECTION

	COLORE FILO WIRE COLOUR	DESCRIZIONE DESCRIPTION
	GRIGIO GREY	POL4 BOOT

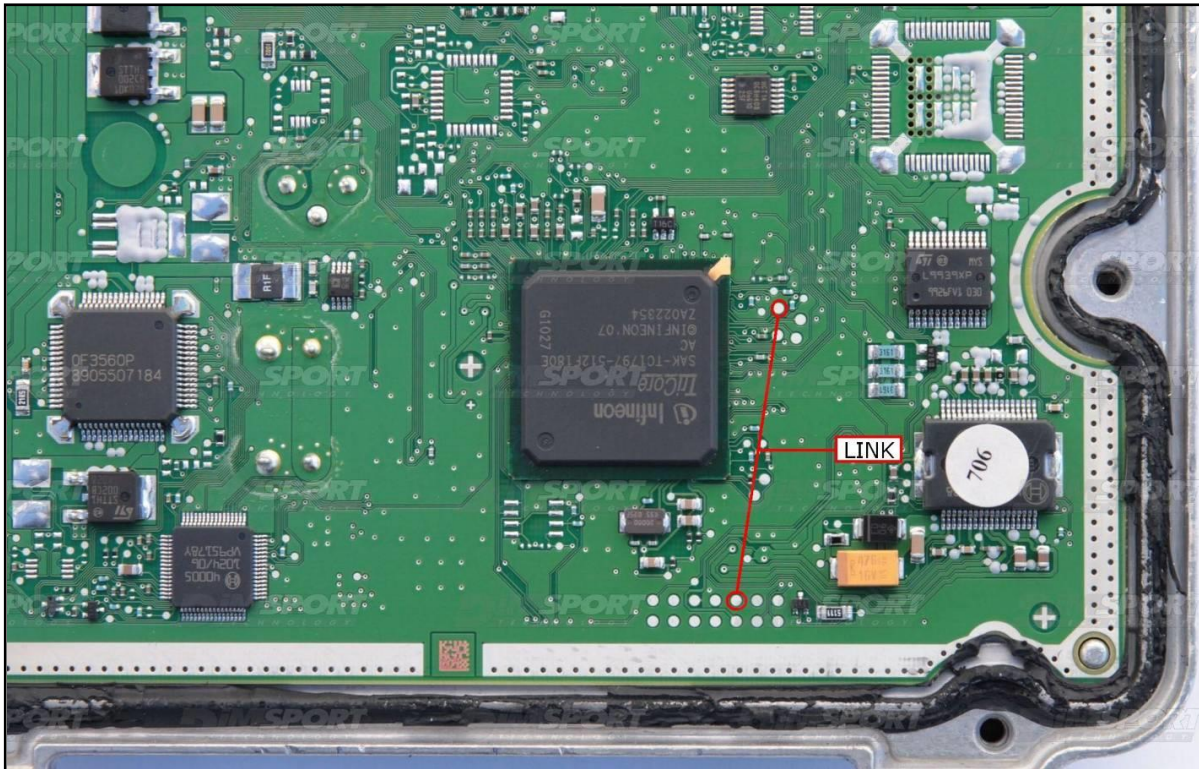Connect the GREY wire of the cable F32GN037C/D as shown in the picture.

BOOT

BOSCH EDC17C41 IROM TC1797 BMW MINI
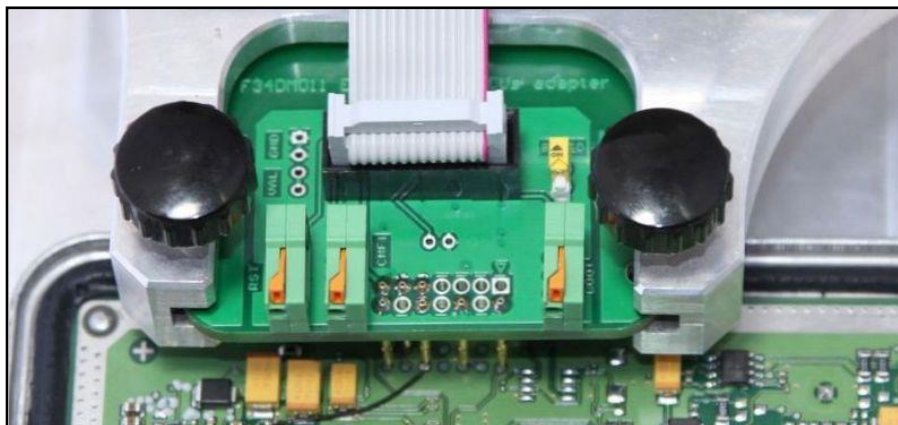
METAL POSITIONING FRAME CONNECTION

For the metal positioning frame connection is required the F34DM011 adapter.
Connect the boot pin to the pad n.10 of the soldering lay-by pins then verify that the switch BOOT present on the F34DM011 is set in position ON.

A different solution is to connect the BOOT wire directly to the orange BOOT clamp on the F34DM011 adapter. Check that the yellow BOOT jumper is set in ON position.
Connect then the flat cable to the Trasdata.

The following picture of the F34DM011 adapter connection is merely indicative.

02) EDC17C41 BMW

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.
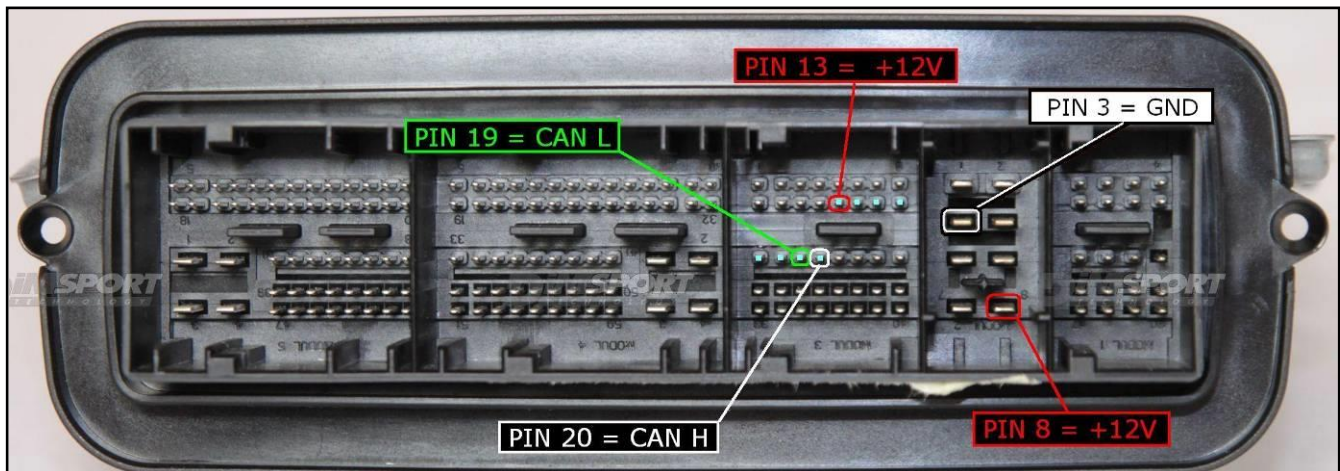
IMPORTANT: before setting the ECU back into the vehicle close the ECU with the covers and tighten up very well the screws because they fix the motherboard to the metal covers. DO NOT START the engine without performing such operation before.

BOSCH EDC17C41 IROM TC1797 BMW MINI
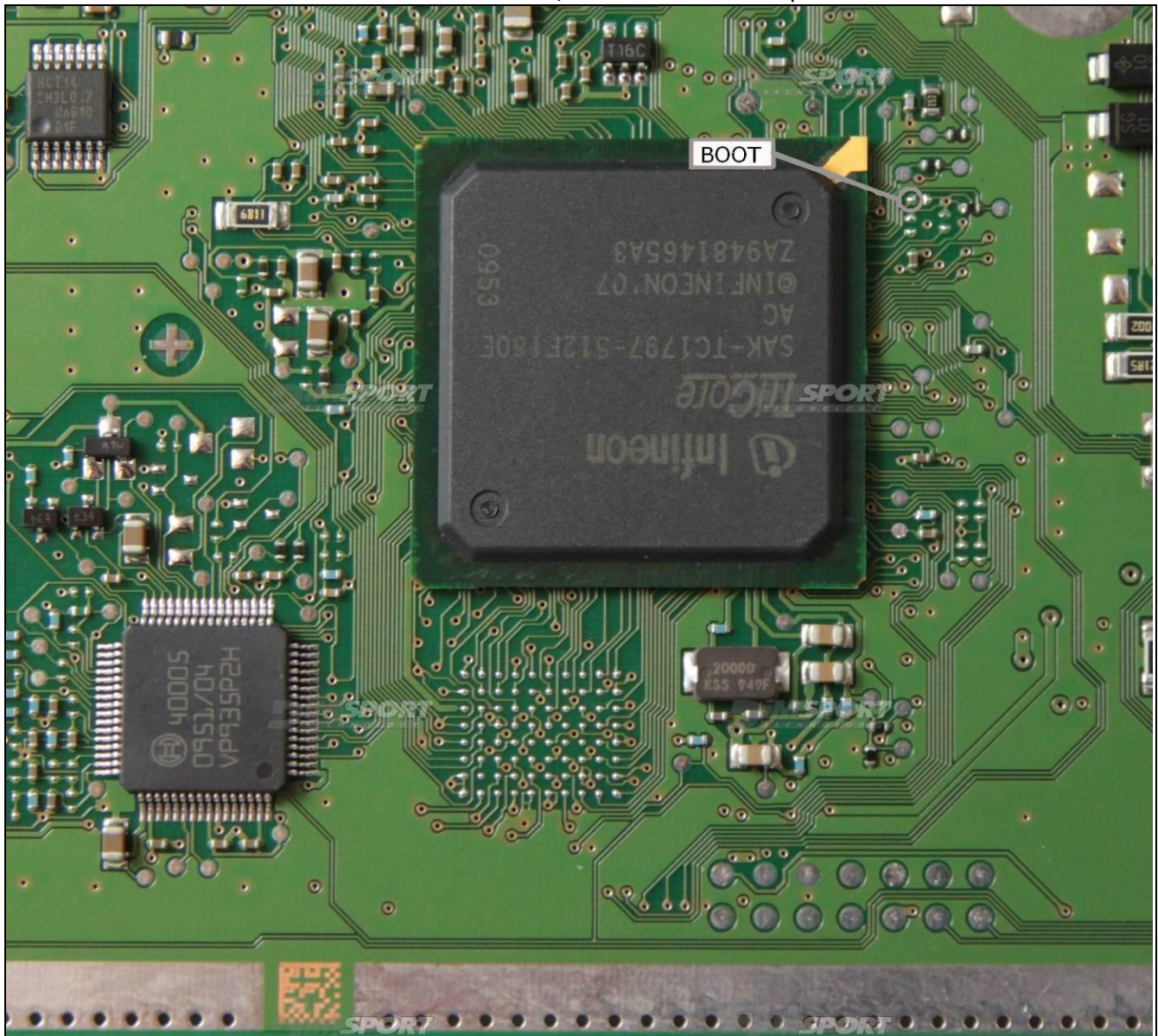

ECU CONNECTOR

PIN 13 = +12V

PIN 3 = GND

PIN 19 = CAN L

PIN 20 = CAN H

PIN 8 = +12V

BOSCH EDC17C41 IROM TC1797 BMW MINI

BOOT DIRECT CONNECTION

COLORE FILO WIRE COLOUR		DESCRIZIONE DESCRIPTION
	GRIGIO GREY	POL4 BOOT

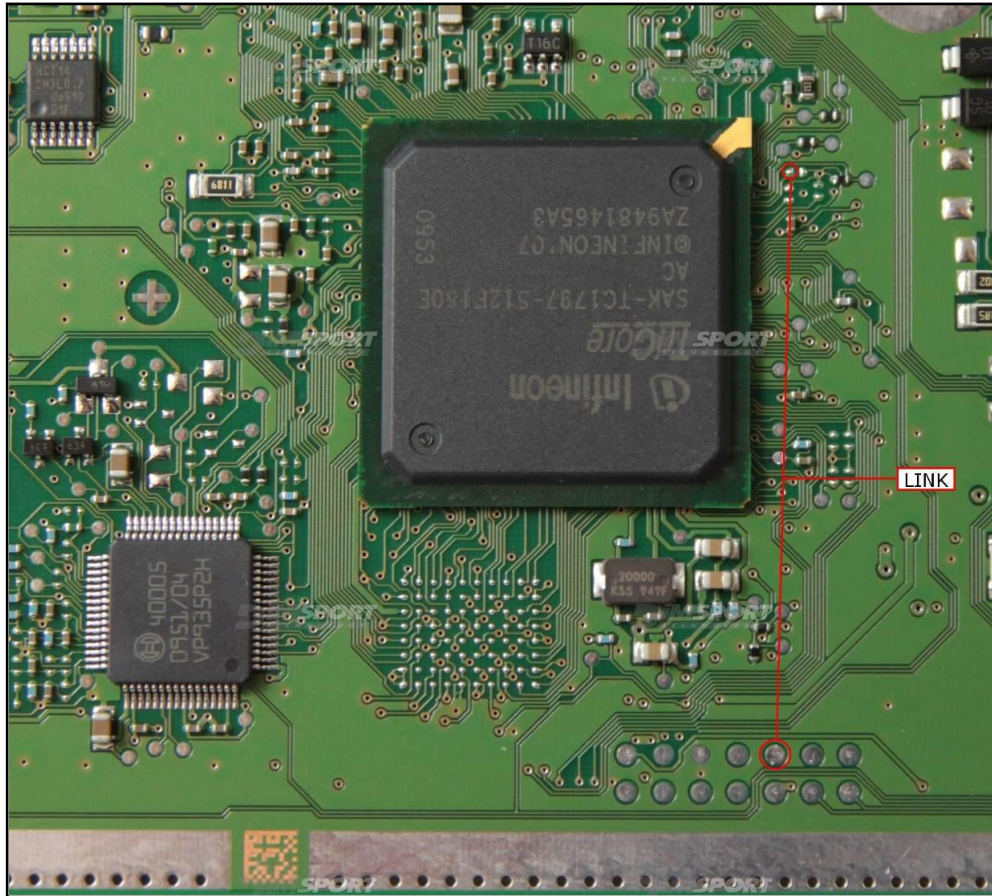Connect the GREY wire of the cable F32GN037C/D as shown in the picture.

BOSCH EDC17C41 IROM TC1797 BMW MINI

METAL POSITIONING FRAME CONNECTION

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The following picture of the F34DM011 adapter connection is merely indicative.