

PLUGIN 221 :NEW TRASDATA

It is not possible to work on the vehicles equipped with the ETHERNET diagnostic system, such system is now installed on all the BMW group FXX cars. (ie BMW serie5 F10).

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

Obd Data required cable: F34NTA14



1. connect New Trasdata tool to the pc via USB
2. connect F34NTA14 cable to the New Trasdata DB25 port
3. connect the F34NTA14 cable to the vehicle OBDII port
4. run the sw to manage the New 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

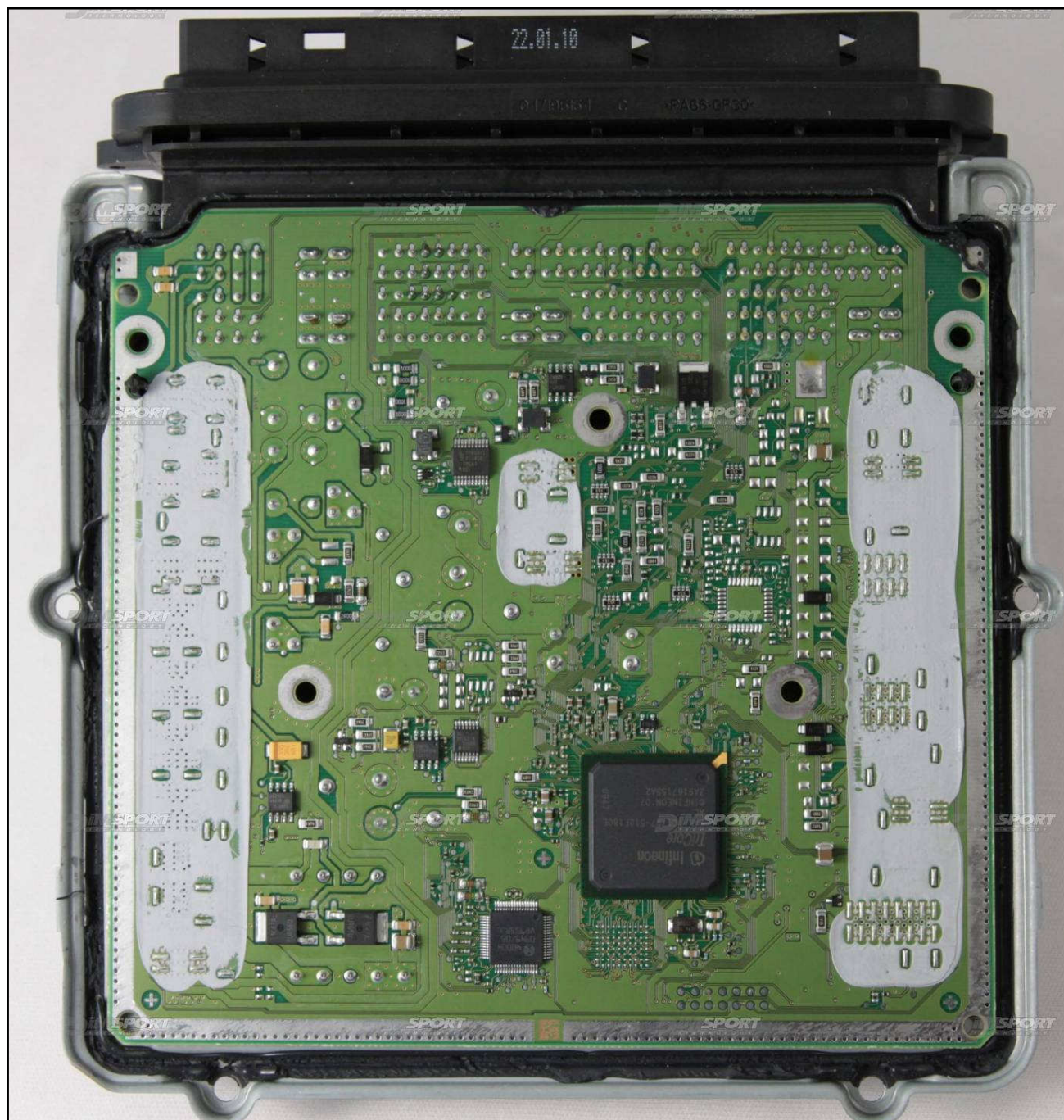
IF the Obd Data operation ends correctly it means that the ECU protection type is supported by the New Trasdata. It is possible then to work (read/write) on the ECU following the specific ECU connections of the following pages.

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

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.



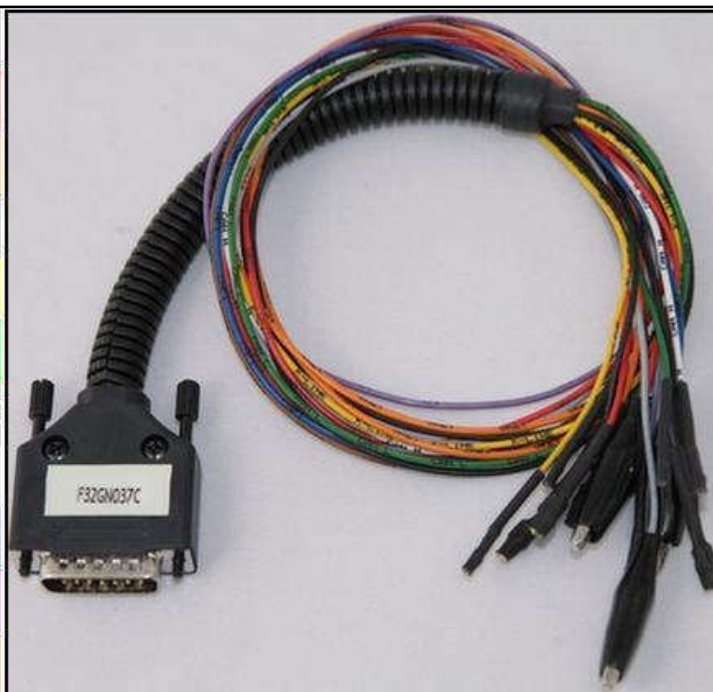


DIRECT CONNECTION

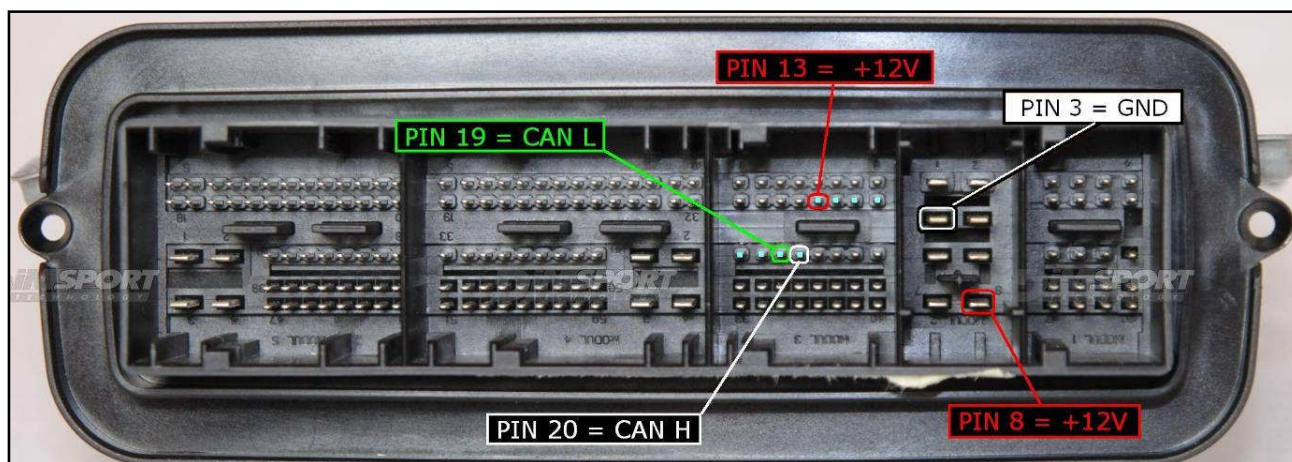
In order to connect to the ECU use the CABLE F32GN037C.

Make sure that the POWER led (red) on NEW 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



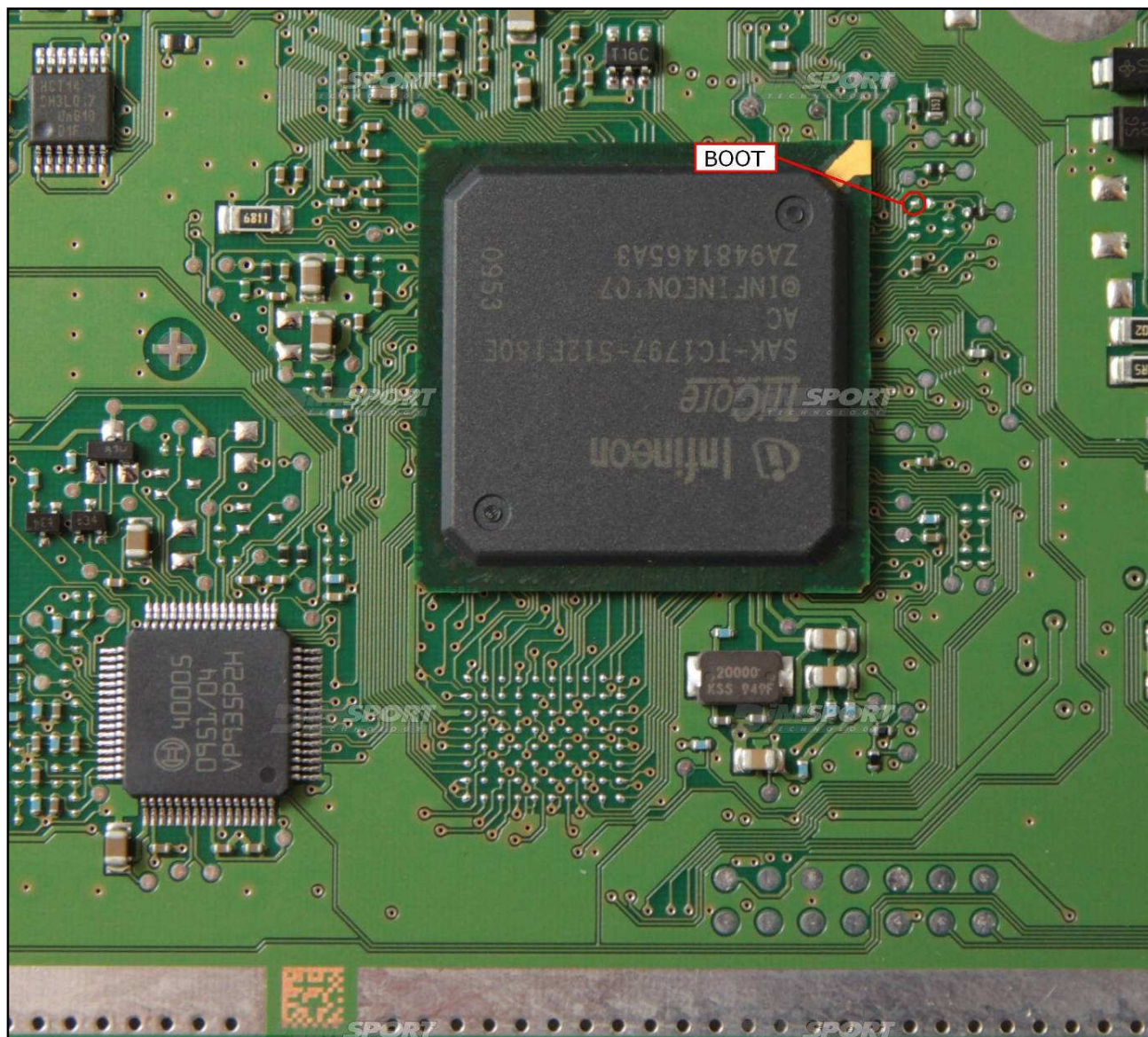
ECU CONNECTOR



POL4 DIRECT CONNECTION

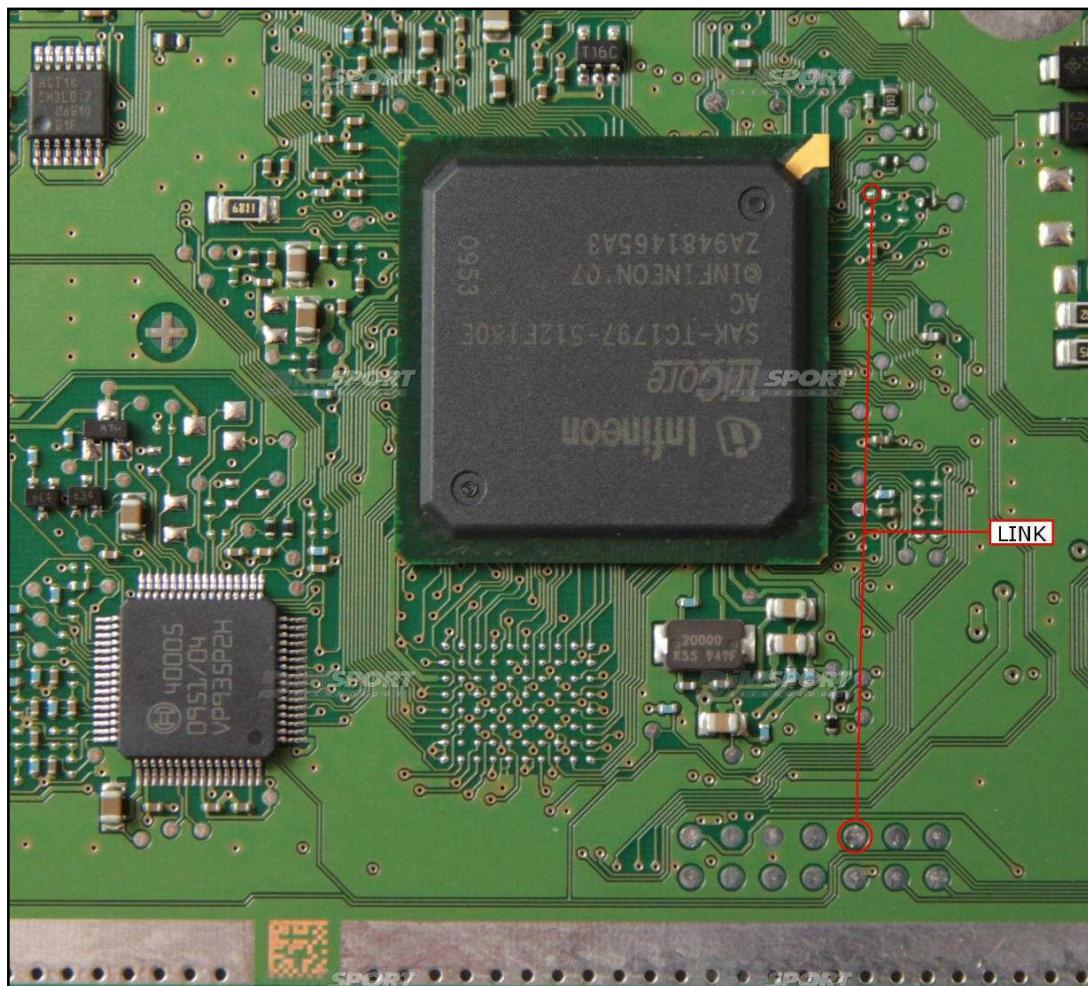
COLORE FILO WIRE COLOUR	DESCRIZIONE DESCRIPTION
GRIGIO GREY	POL4 BOOT

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



DIMA CONNECTION

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.



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

