plugin **1002**

**WARNING:** to work properly on the ECU, you must first perform the ObdData function. This operation allows you to retrieve the password from the ECU and store it inside the device. Password reading is possible ONLY with ECU installed in the vehicle!
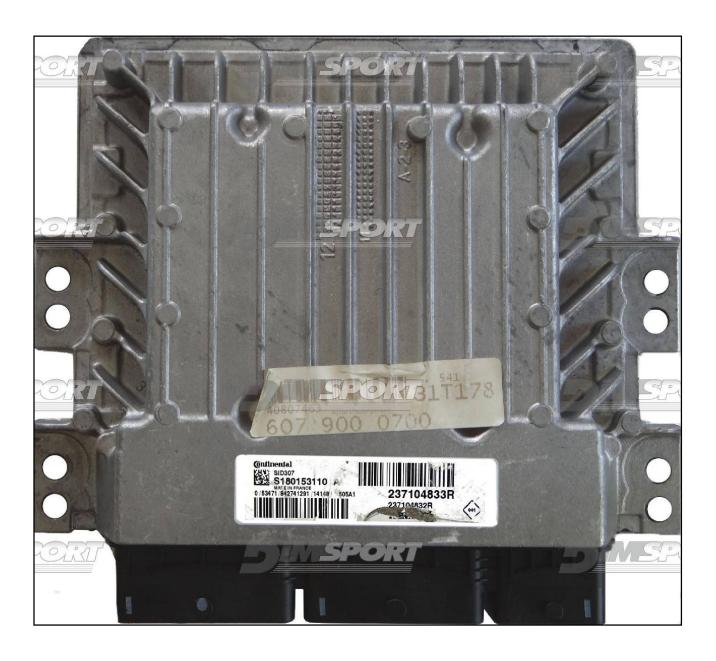If it is NOT supported, you can avoid ECU opening as it is not possible to work on the ECU.

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.
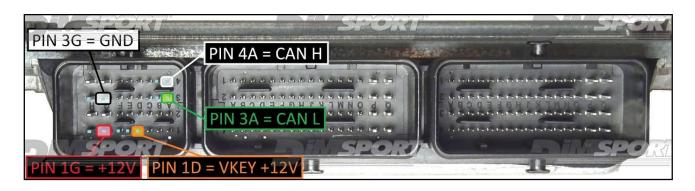
**ECU CONNECTOR**
In order to connect to the ECU use the CABLE F32GN037C.
Make sure that the POWER led (red) on Trasdata is ON.

| 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 |



PIN 3G = GND
PIN 4A = CAN H
PIN 3A = CAN L
PIN 1G = +12V
PIN 1D = VKEY +12V



WARNING: due to the relevant power absorbed by the ECU at the beginning of the communication we suggest to feed the ECU with an external power supply or a car battery. Connect the power cable F32GN003 to the Trasdata and then to the power source.
The ECU must be powered through the Trasdata using the F32GN0037C cable.

## BOOT & CNF1 DIRECT CONNECTION

Connect the GREY&BLUE wires of the cable F32GN037C as described here below:

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