

PLUGIN 510 - 803 - 965:NEW TRASDATA

WARNING: for this ECU it could be necessary to perform the PWD recovery via ObdData by connecting the New Trasdata to the vehicle OBDII socket.

CASE 1: proceed with the normal bench connection, taking care to power the New Trasdata unit using a stabilized external booster / power supply or an external battery. If the connection and reading procedure is good you can proceed without problems.

CASE 2: if the bench connection and reading fails it is necessary to proceed with the following procedures:

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 ObdData button
7. wait until the end of the ObdData procedure

IF the procedure accomplish properly it is now possible to proceed with the normal bench connection and perform the standard reading/writing operations.

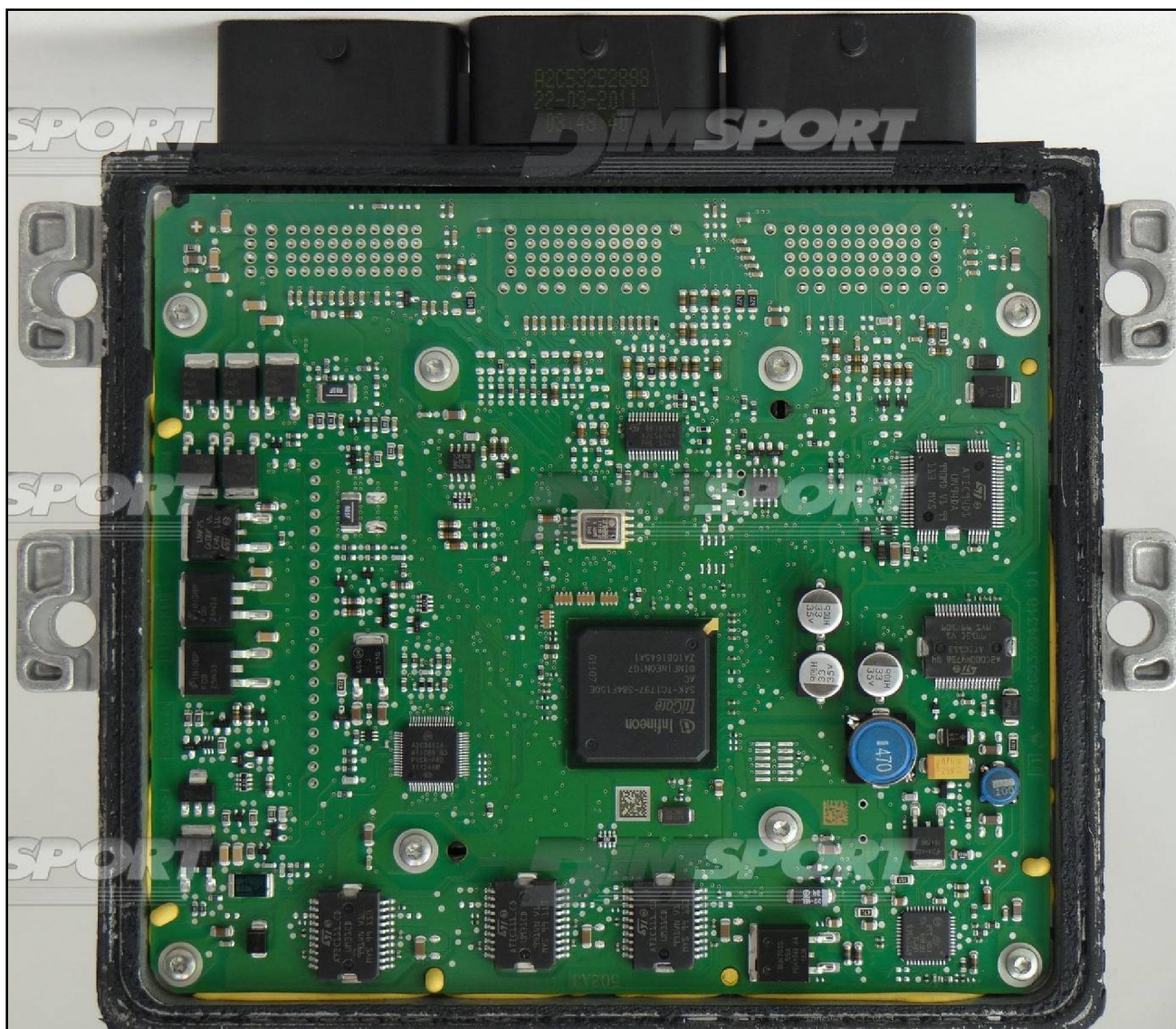
Required cable for ObdData operation: F34NTA14



On this ECU you can use two different connection approaches:

1. Metal positioning frame connection with F34DM032 adapter
2. Direct connection





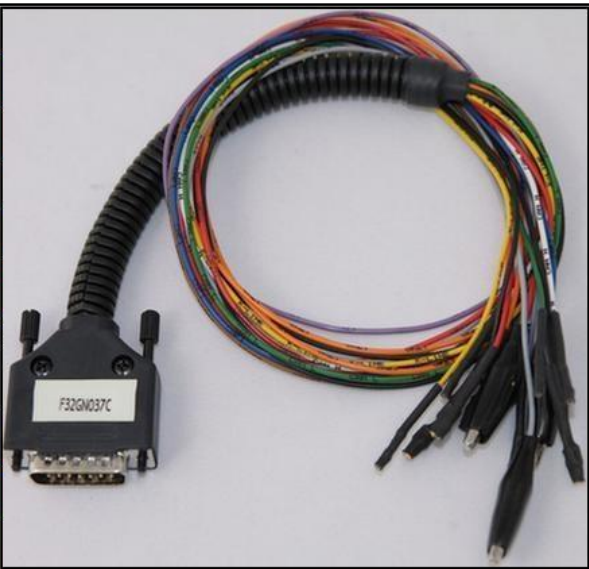
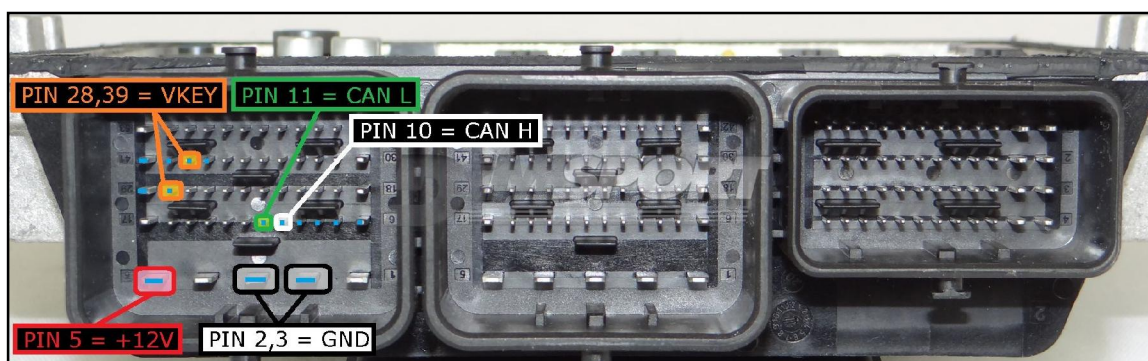
ECU CONNECTOR

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

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

These connections are required for all the connection approaches: metal positioning frame adapter and direct connection.

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

WARNING:

IF NewTrasdata tool cannot ID/READ the ECU the possible causes are low Voltage/Amps or the ECU is in curfew/standby.

IF the error persists you must perform the following attempts:

STEP1

The power supply connected to the NewTrasdata must produce(feed) at least 12.5 Volts and 3 Amps, replace the power supply of the kit with a booster or a car battery or a stabilized power supply able to give the aforementioned power. Use the cable F32GN003 to connect the power to NewTrasdata. If the error persists, go to STEP 2.

STEP2

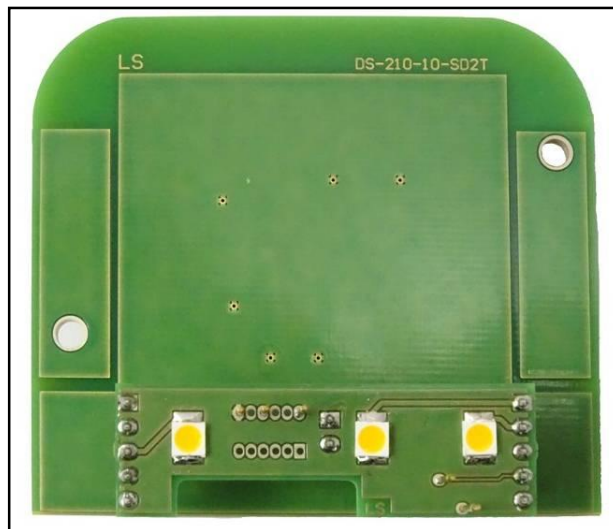
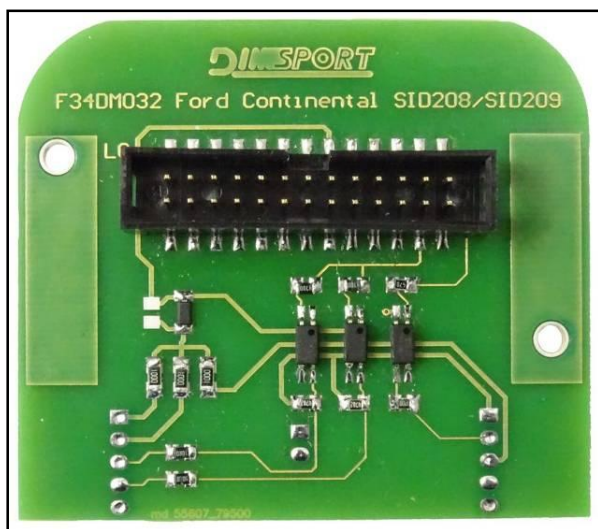
To pin 28-39, instead of connecting the VKEY signals (orange wires), connect 2 power signals +12V (red wires), in this way you should have only three red wires + 12V to pin 5-28-39

If the error persists, go to STEP3.

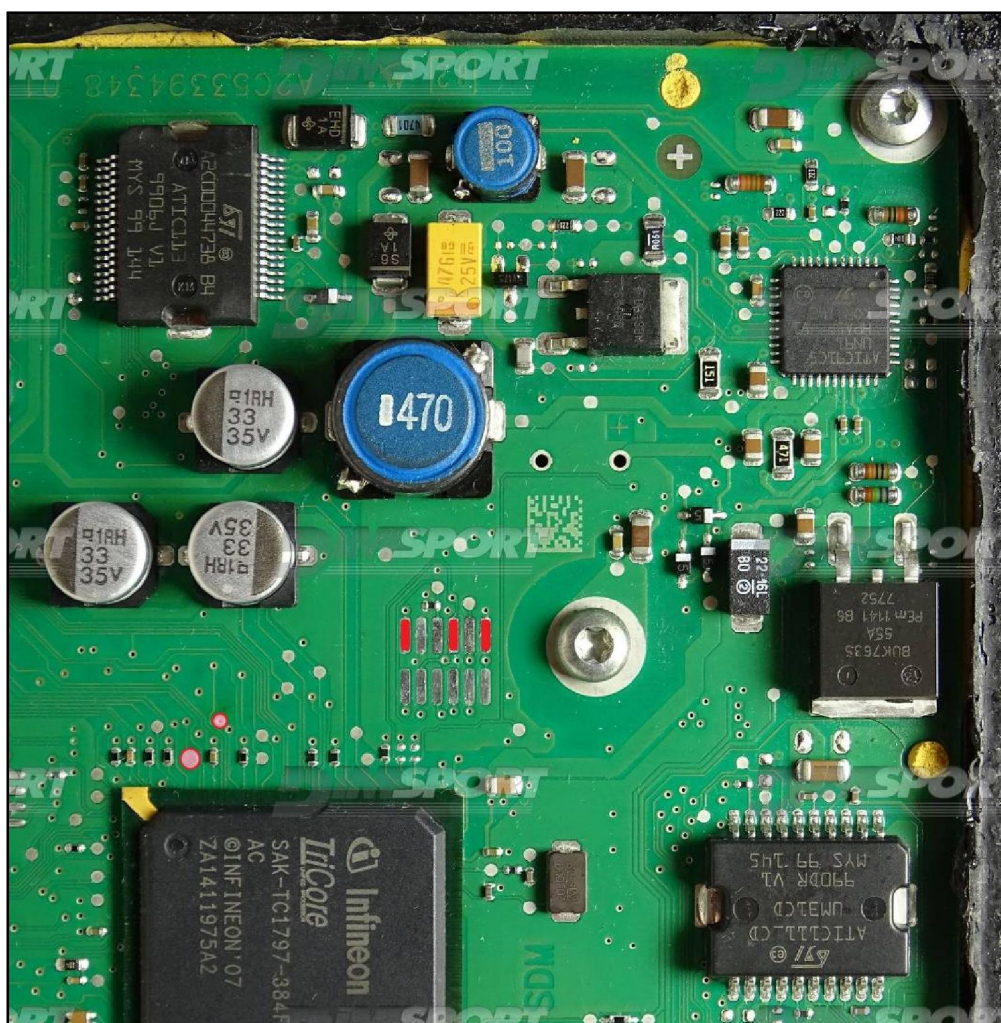
STEP3

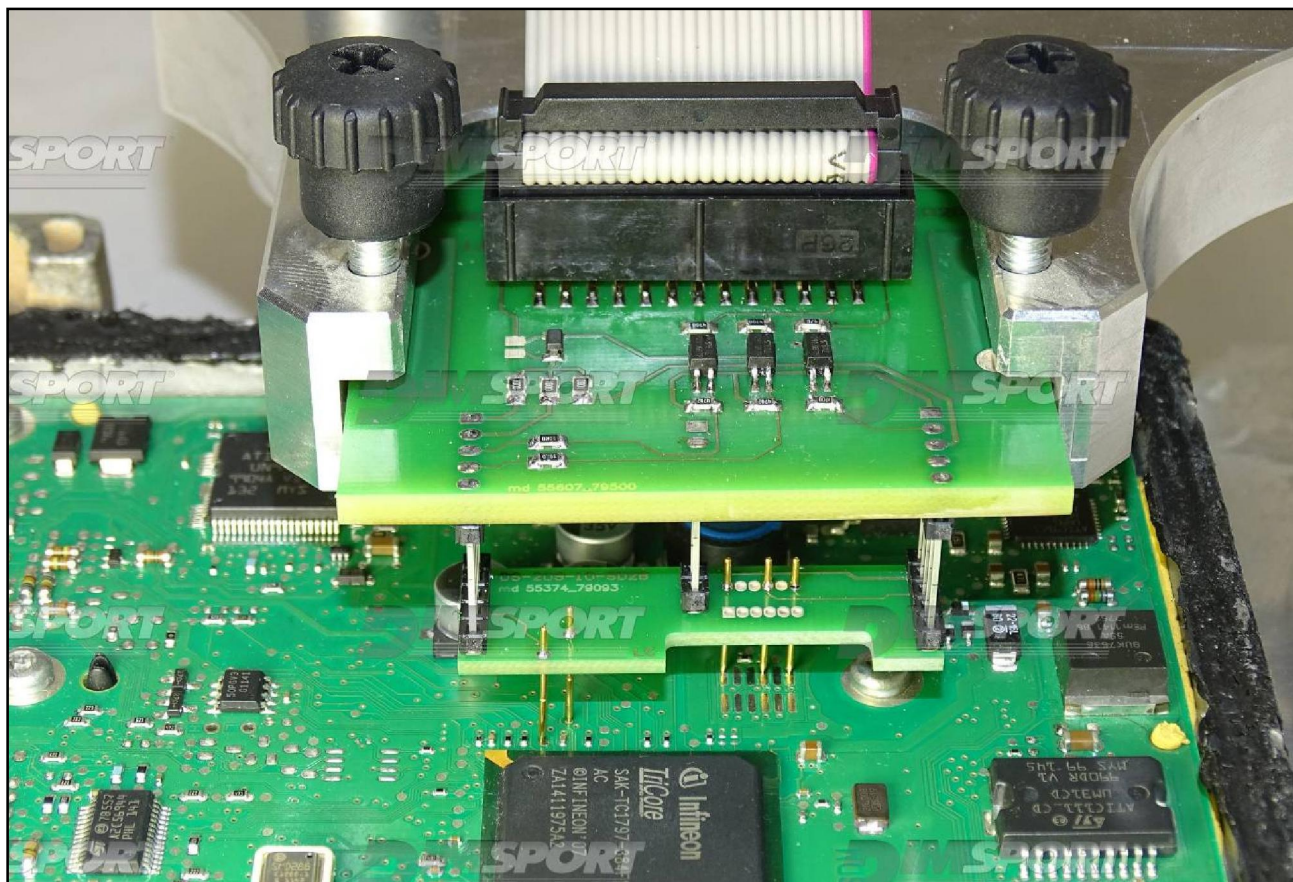
Close the ECU, set it back on the vehicle, start the vehicle and leave it on for few minutes. This allows the ECU to get out of the curfew / standby. Then try again the communication operations and if necessary perform the STEP 1 and 2.

1. Metal positioning frame connection with F34DM032 adapter



The connection pads used by the F34DM032 adapter are marked on the following picture.







2. DIRECT BOOT&CNF1 CONNECTION

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

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

