

BOSCH EDC17C53 IROM TC1767 GPT KIA HYUNDAI

plugin 867 BOSCH EDC17C53 IROM TC1767 GPT KIA
HYUNDAI

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**

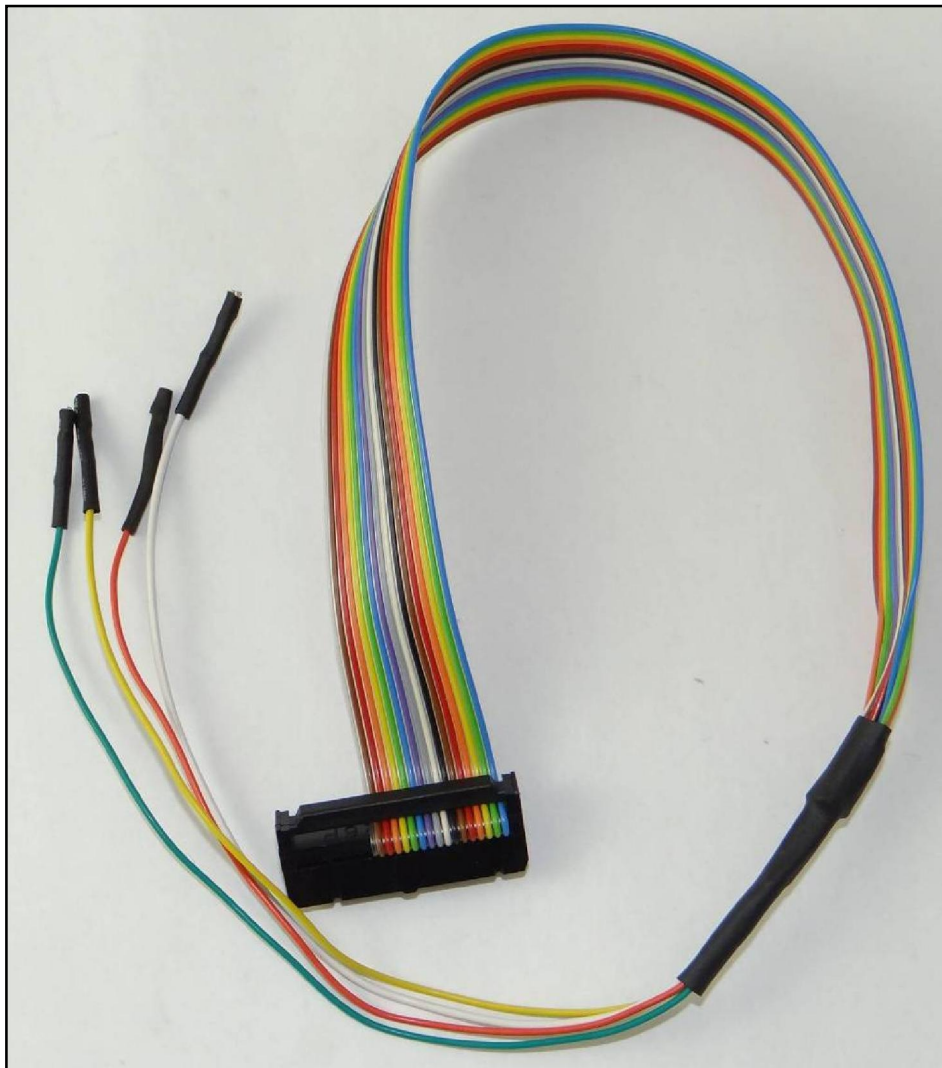
Connect the F34NTA15 to the **DIGITAL PORT**, use the YELLOW and ORANGE wires ONLY for the GPT signals as displayed in the following pictures.

GPT connection with DIMA

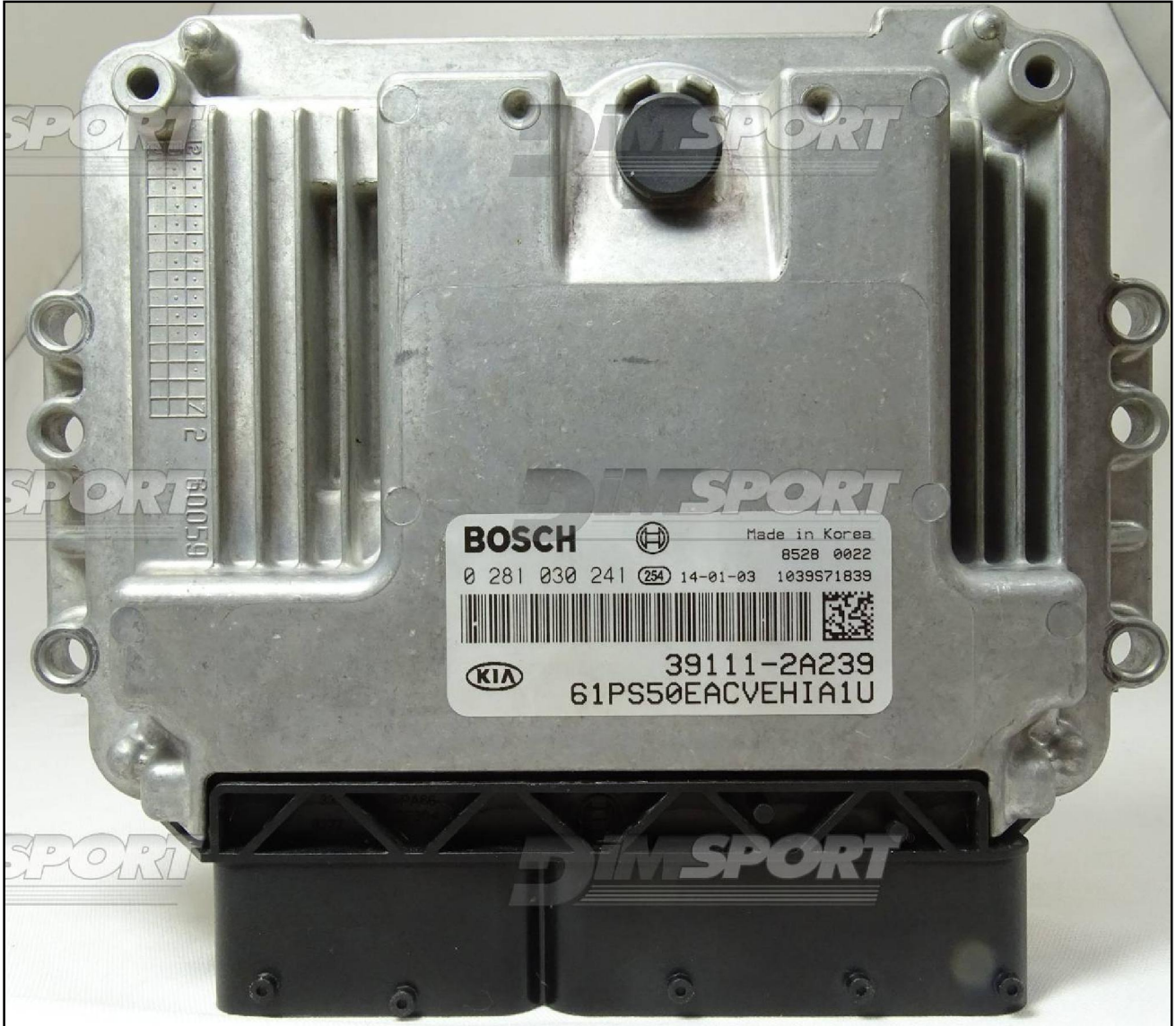
Connect the F32GN038 cable to the **ANALOG PORT**

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



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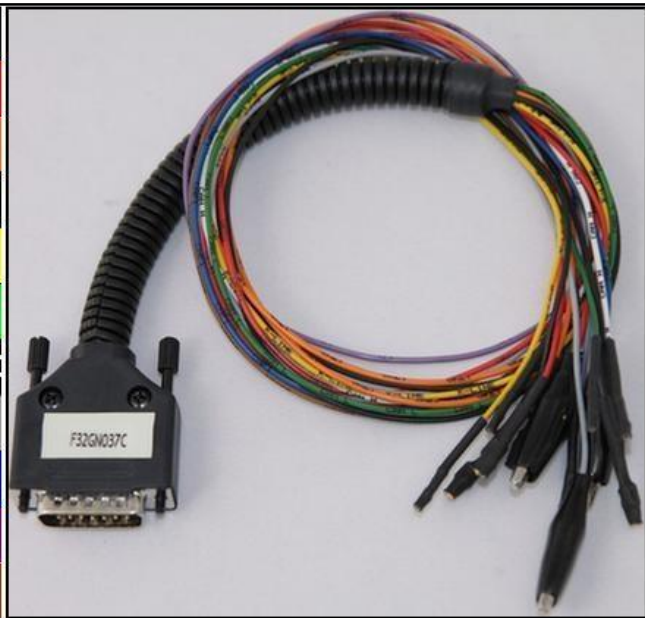
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For the connection use the cable F32GN037C connected to the ECU.

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

Do not use this connection with the DIMA KIT, it will be the F34DM011 to power the ECU.

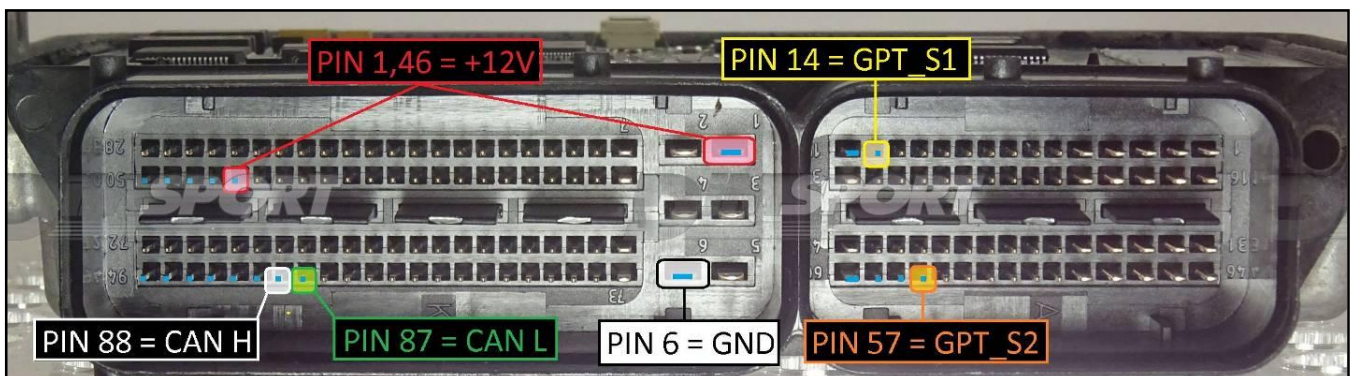
| COLORE FILO WIRE COLOUR | DESCRIZIONE DESCRIPTION |
|-----------------------------|--|
| ROSSO RED | POSITIVO DIRETTO POWER BATTERY |
| ARANCIO ORANGE | POSITIVO SOTTO QUADRO POWER SWITCH ON |
| NERO BLACK | MASSA GND |
| GIALLO YELLOW | KLINE |
| VERDE GREEN | CAN LOW |
| BIANCO WHITE | CAN HIGH |
| 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 / Couleur | DESCRIZIONE DESCRIPTION |
|-------------------------------|----------------------------|
| Orange | GPT_S2 |
| Yellow | GPT_S1 |

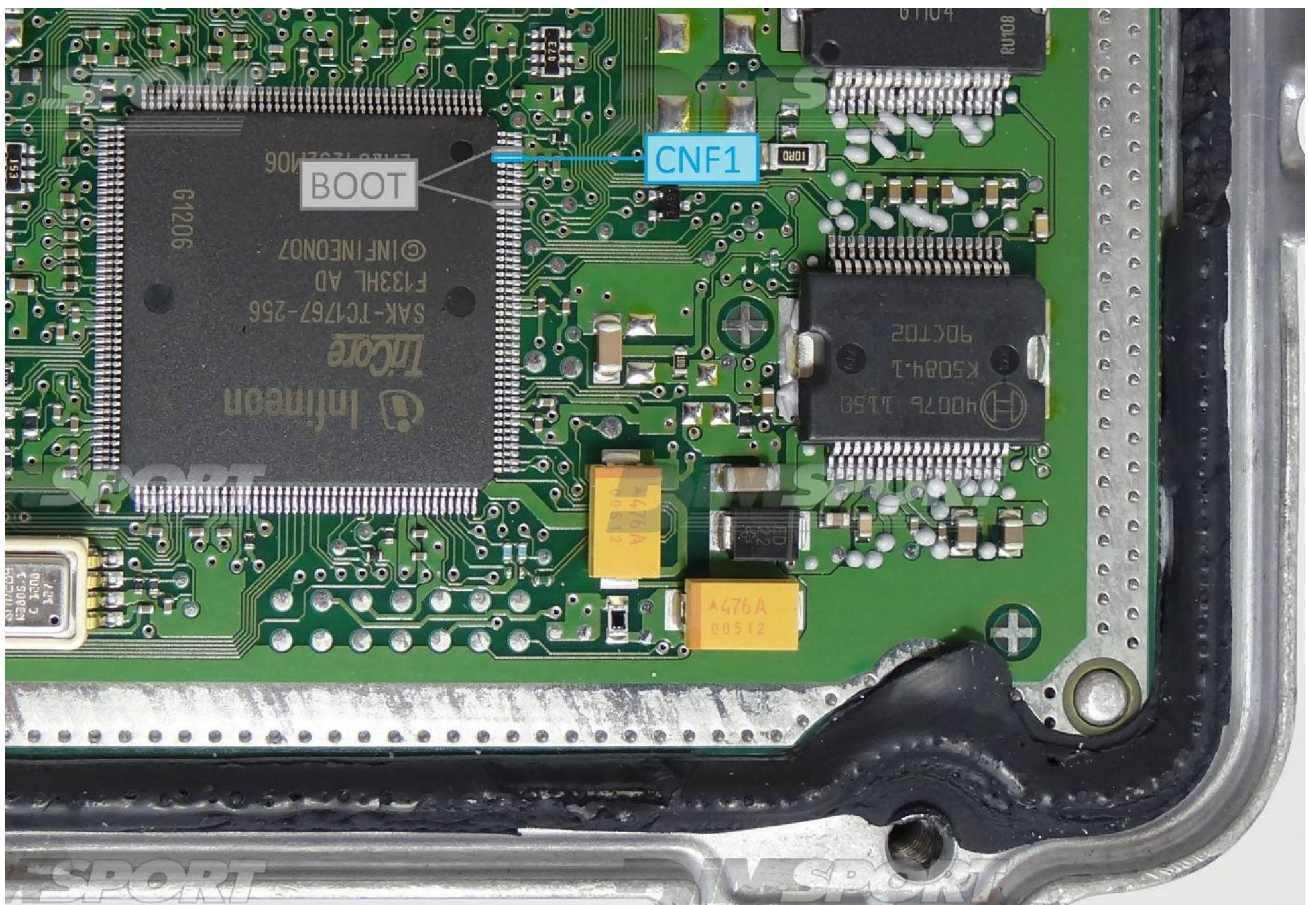


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BOOT/CNF1 CONNECTION

Connect the GREY and BLUE wires of the cable F32GN037C as shown in the picture.

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



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For the microprocessor connection it is possible to use two different systems:

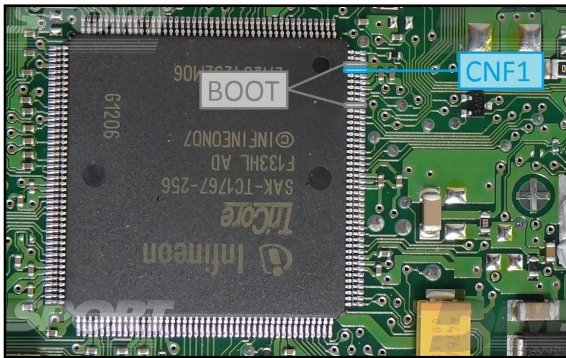
1. For a correct connection on the BOOT&CNF1 pins on the microprocessor pads you MUST/we suggest to use a/the specific micro clamps supplied in the kit C34ACD012.

Warning: do not use other types of micro clamps, only these are completely insulated, otherwise the risk is to damage the microprocessor.

Connect the 2 BOOT pins of the micro with the clamps and connect them to the GREY BOOT wire of the F32GN037C.

Connect the CNF1 pin of the micro with the clamp and connect it to the BLUE CNF1 wire of the F32GN037C.

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

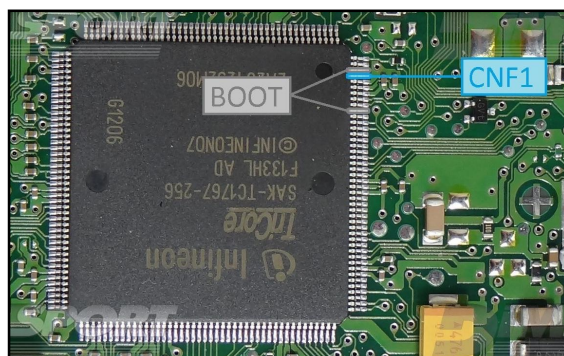


2. A second way to connect is:

- solder a wire directly on the 2 BOOT pins of the micro and connect them to the GREY BOOT wire of the F32GN037C.

- solder a wire directly on the CNF1 pin of the micro and connect it to the BLUE CNF1 wire of the F32GN037C.

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



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DIMA & DIMA BNP CONNECTION

For the DIMA connection is required the F34DM011 DIMA adapter + the F32GN038 flat cable. Connect the F32GN038 FLAT cable to the ANALOG PORT and to the F34DM011 DIMA adapter. For the first ECU connection it is necessary to use the GPT connection too, connect the F34NTA15 flat cable to the DIGITAL PORT and to the ECU as shown at pg.4 . Perform the connections as shown in the previous detail at pg.5-6 using for the BOOT&CNF1 signal the specific clamps on the F34DM011 DIMA adapter (verify that the yellow BOOT switch present on the F34DM011 is set in position ON).

