

# PCMflash module 77

ME9/MED9/EDC7/EDC16/PSG16/TCU Bootloader

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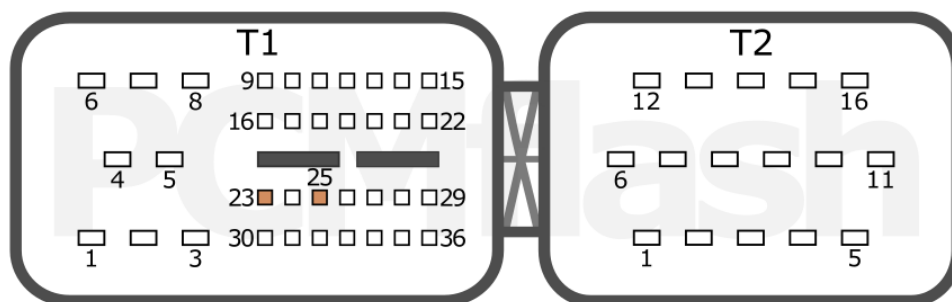
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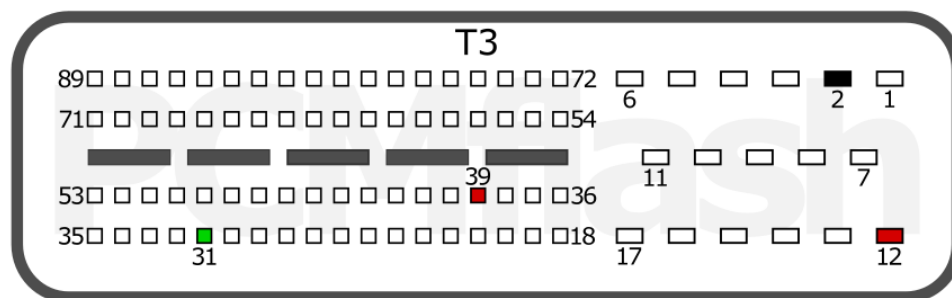
# PCMflash

Engine Control Unit

## EDC7C1



### LABEL



<b>+12V</b>	T3: 39, 12	<b>GPT*</b>	T1: 23, 25
<b>GND</b>	T3: 2	<b>K-LINE</b>	T3: 31
* Connect GPT signals to the ECU through 10-47uF capacitors / Подключить сигналы GPT к ЭБУ через конденсаторы 10-47мкФ			

### BUS/TRUCK

pcmflash.ru

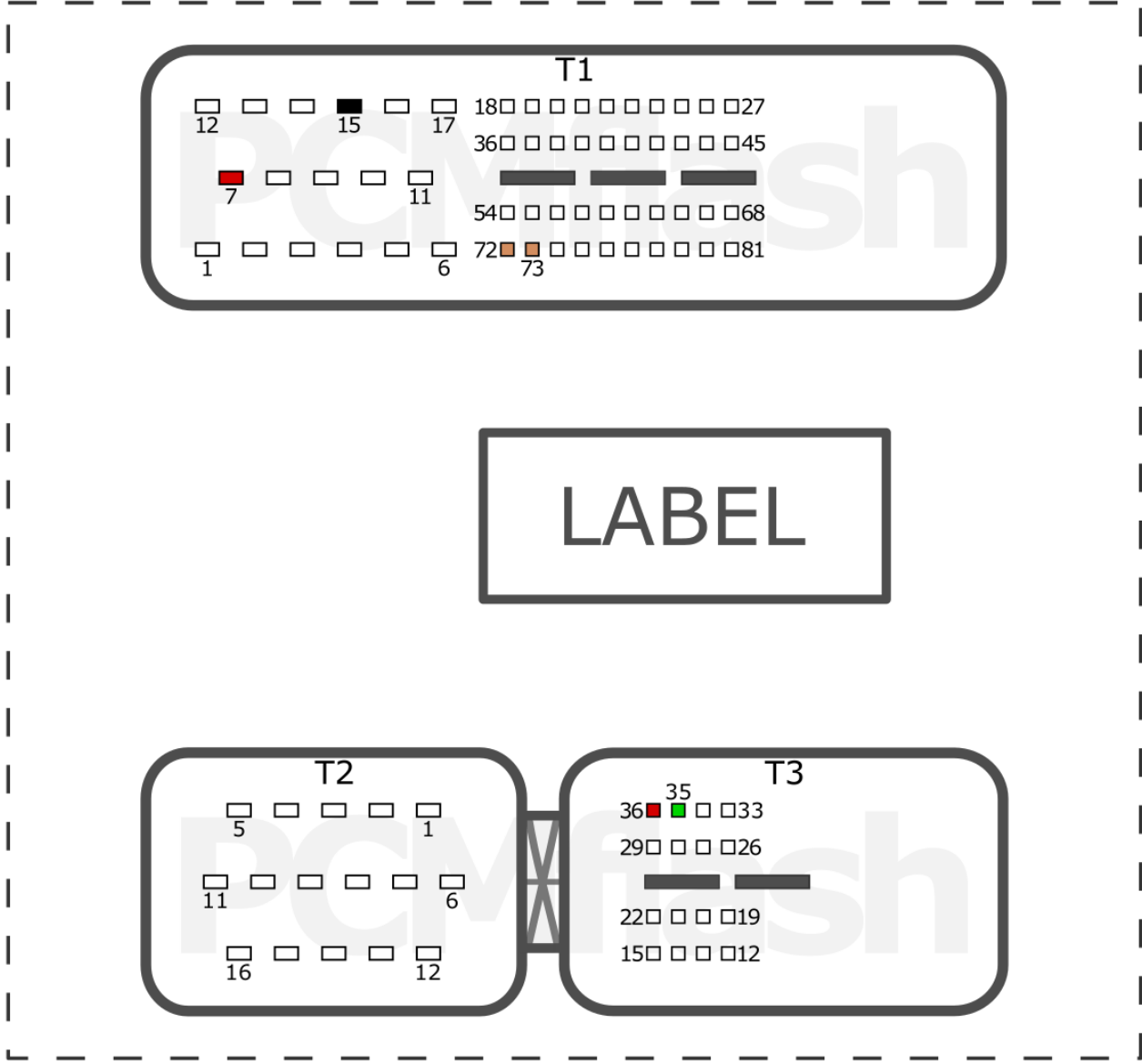
v.2

2023-03-26

# PCMflash

Engine Control Unit

## EDC7C3



<b>+12V</b>	T1: 7, T3: 36	<b>GPT*</b>	T1: 72, 73
<b>GND</b>	T1: 15	<b>K-LINE</b>	T3: 35

\* Connect GPT signals to the ECU through 10-47uF capacitors /  
Подключить сигналы GPT к ЭБУ через конденсаторы 10-47мкФ

MAN

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v.2

2023-03-26

# PCMflash

Engine Control Unit

EDC7C4-6 (EDC16C31)



<b>+12V</b>	T58: 5, 19	<b>GPT</b>	T96: 30, 72
<b>GND</b>	T58: 2	<b>K-LINE</b>	T58: 31

MITSUBISHI

pcmflash.ru

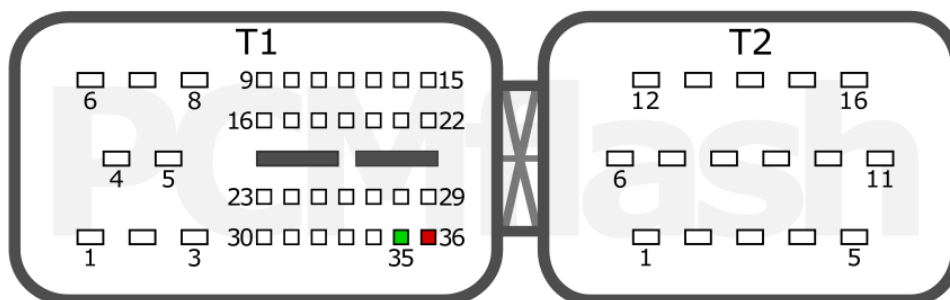
v.1

2021-07-29

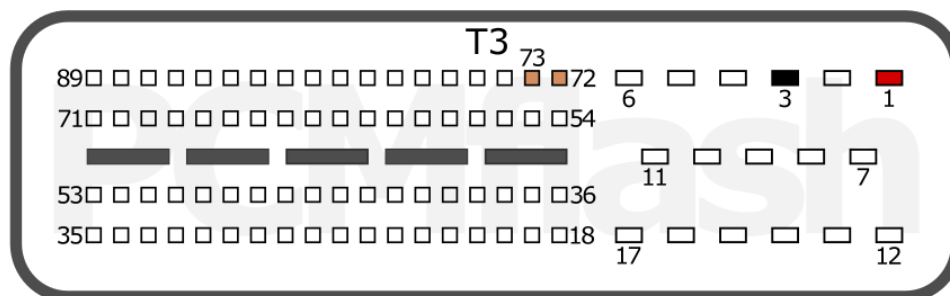
## PCMflash

Engine Control Unit

## EDC7C32



LABEL



<b>+12V</b>	T1: 36, T3: 1	<b>GPT*</b>	T3: 72, 73
<b>GND</b>	T3: 3	<b>K-LINE</b>	T1: 35
* Connect GPT signals to the ECU through 10-47uF capacitors / Подключить сигналы GPT к ЭБУ через конденсаторы 10-47мкФ			

MAN

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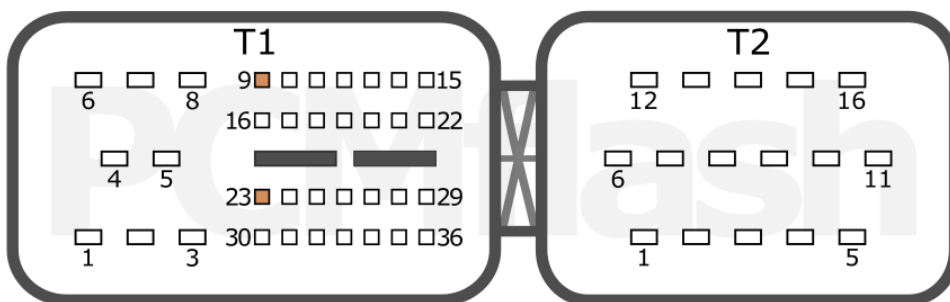
v.2

2023-03-26

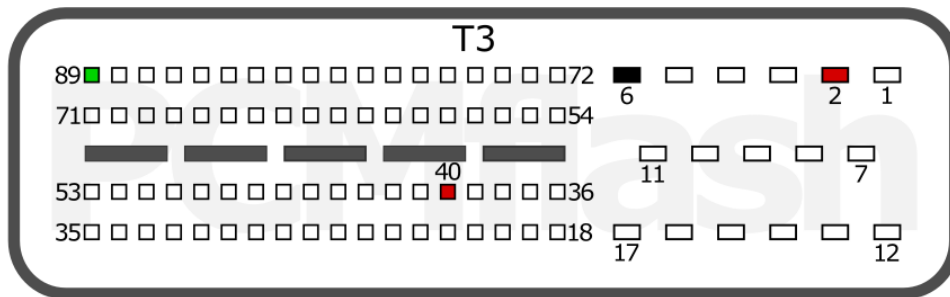
# PCMflash

Engine Control Unit

## EDC7UC31



LABEL



<b>+12V</b>	T3: 40, 2	<b>GPT*</b>	T1: 9, 23
<b>GND</b>	T3: 6	<b>K-LINE</b>	T3: 89
* Connect GPT signals to the ECU through 10-47uF capacitors / Подключить сигналы GPT к ЭБУ через конденсаторы 10-47мкФ			

BUS/TRUCK

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v.2

2023-03-26





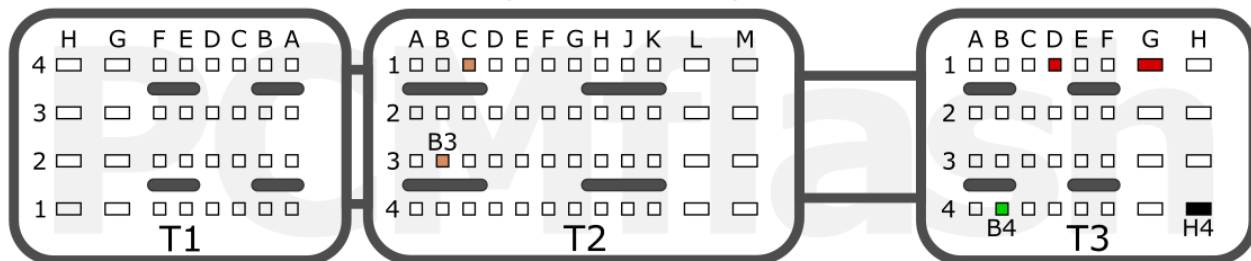


# PCMflash

Engine Control Unit

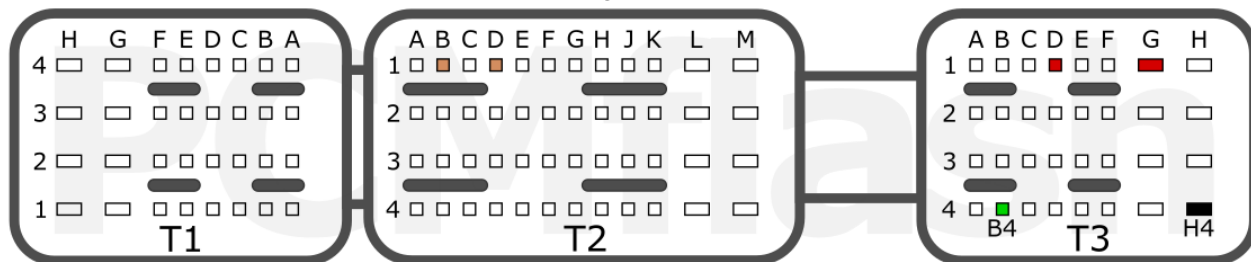
## EDC16C3

### NISSAN, RENAULT, SUZUKI



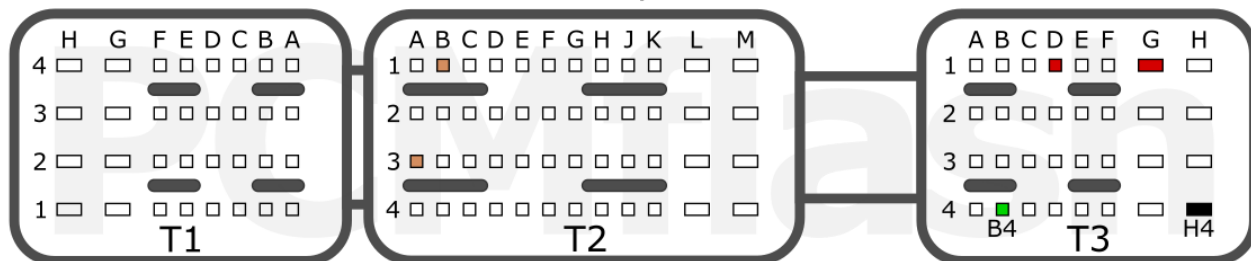
<b>+12V</b>	T3: D1, G1	<b>GPT</b>	T2: C1, B3
<b>GND</b>	T3: H4	<b>K-LINE</b>	T3: B4

### NISSAN, RENAULT



<b>+12V</b>	T3: D1, G1	<b>GPT</b>	T2: B1, D1
<b>GND</b>	T3: H4	<b>K-LINE</b>	T3: B4

### PEUGEOT, MAZDA



<b>+12V</b>	T3: D1, G1	<b>GPT</b>	T2: B1, A3
<b>GND</b>	T3: H4	<b>K-LINE</b>	T3: B4

MAZDA

NISSAN

PEUGEOT

RENAULT

SUZUKI

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v.1

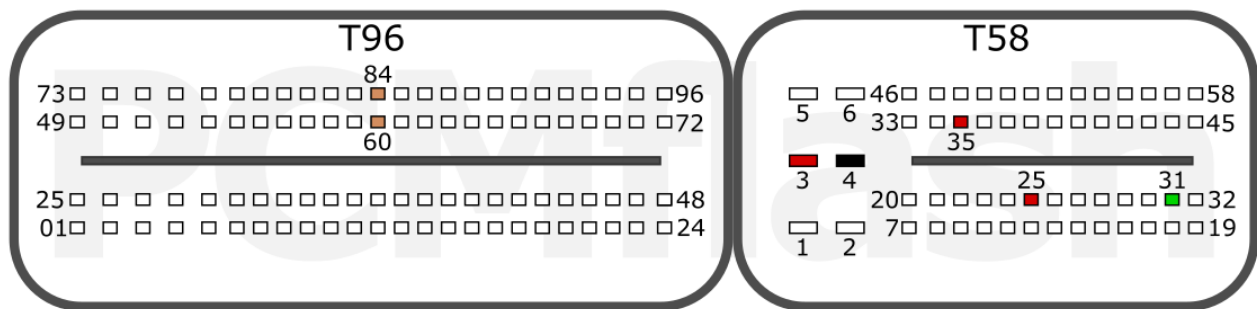
2021-08-04



# PCMflash

Engine Control Unit

## EDC16C7



<b>+12V</b>	T58: 3, 35, 25	<b>GPT</b>	T96: 84, 60
<b>GND</b>	T58: 4	<b>K-LINE</b>	T58: 31

FORD

HONDA

MAZDA

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v.1

2021-07-21

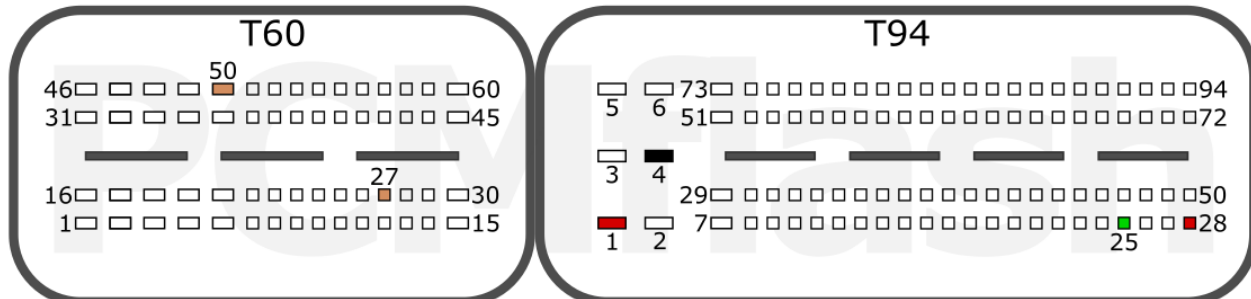


# PCMflash

Engine Control Unit

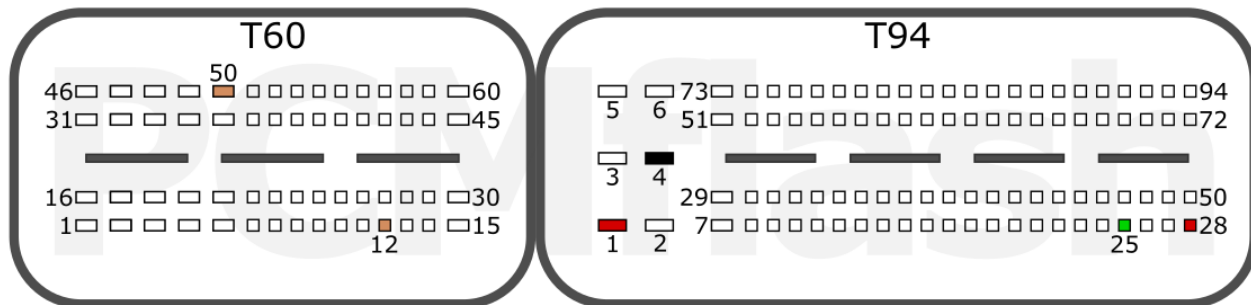
## EDC16C9

### Connection version 1



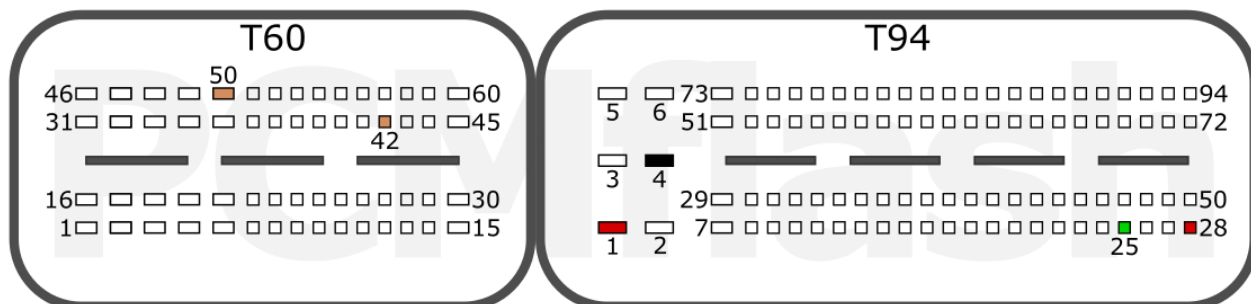
<b>+12V</b>	T94: 1, 28	<b>GPT</b>	T60: 50, 27
<b>GND</b>	T94: 4	<b>K-LINE</b>	T94: 25

### Connection version 2



<b>+12V</b>	T94: 1, 28	<b>GPT</b>	T60: 50, 12
<b>GND</b>	T94: 4	<b>K-LINE</b>	T94: 25

### Connection version 3



<b>+12V</b>	T94: 1, 28	<b>GPT</b>	T60: 50, 42
<b>GND</b>	T94: 4	<b>K-LINE</b>	T94: 25

GM

# PCMflash

Engine Control Unit

## EDC16C10



<b>+12V</b>	T1: 1, 17	<b>GPT</b>	T2: 107, 112
<b>GND</b>	T1: 3	<b>K-LINE</b>	T1: 79

TOYOTA

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v.2

2022-01-21



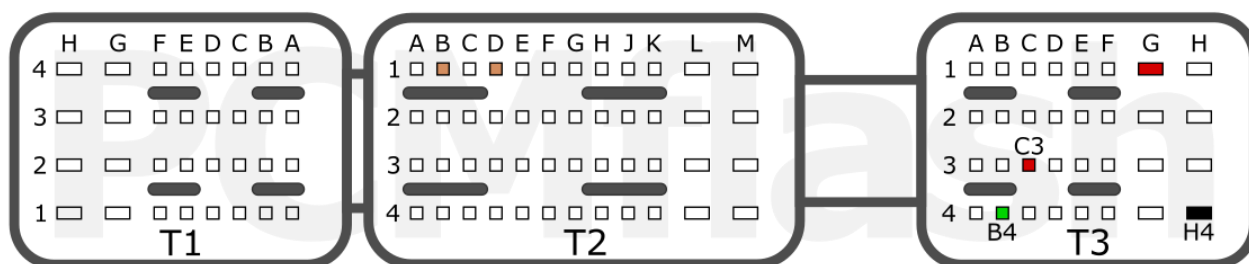




# PCMflash

Engine Control Unit

## EDC16C34



<b>+12V</b>	T3: G1, C3	<b>GPT</b>	T2: B1, D1
<b>GND</b>	T3: H4	<b>K-LINE</b>	T3: B4

FORD

PSA

VOLVO

pcmflash.ru

v.2

2023-07-22

# PCMflash

Engine Control Unit

## EDC16C35



<b>+12V</b>	T58: 1, 7	<b>GPT</b>	T96: 62, 87
<b>GND</b>	T58: 2	<b>K-LINE</b>	T58: 8

BMW

pcmflash.ru

v.1

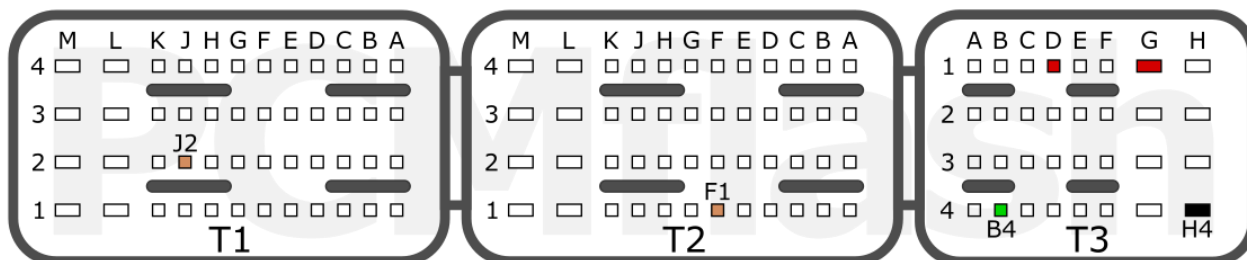
2021-10-08

# PCMflash

Engine Control Unit

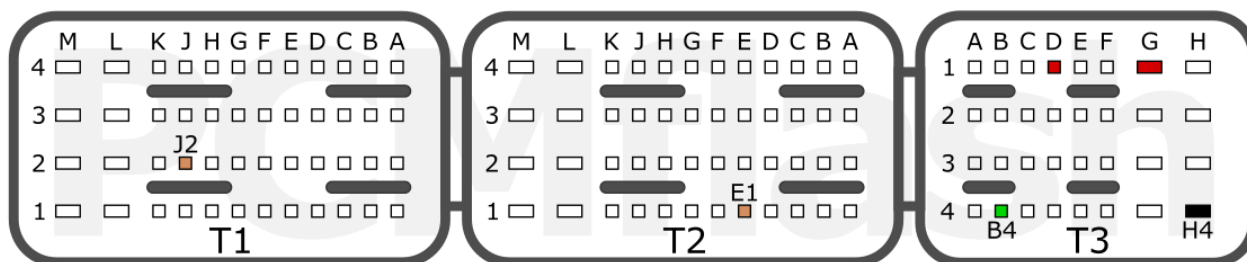
## EDC16C36

### Connection version 1



<b>+12V</b>	T3: D1, G1	<b>GPT</b>	T1: J2, T2:F1
<b>GND</b>	T3: H4	<b>K-LINE</b>	T3: B4

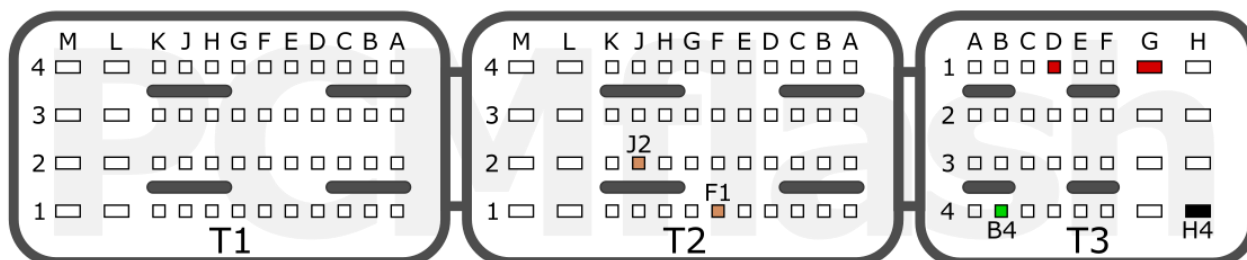
### Connection version 2



<b>+12V</b>	T3: D1, G1	<b>GPT</b>	T1: J2, T2:E1*
<b>GND</b>	T3: H4	<b>K-LINE</b>	T3: B4

\*10-47 uF 50v capacitor required on E1 GPT line /  
Подключить сигнал E1 GPT к ЭБУ через конденсатор 10-47 мкФ

### Connection version 3



<b>+12V</b>	T3: D1, G1	<b>GPT</b>	T2: J2, F1
<b>GND</b>	T3: H4	<b>K-LINE</b>	T3: B4

RENAULT

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v.4

2023-03-26

# PCMflash

Engine Control Unit

## EDC16C37



<b>+12V</b>	T58: 5, 21	<b>GPT</b>	T96: 79, 5
<b>GND</b>	T58: 2	<b>K-LINE</b>	T58: 43

GM

pcmflash.ru

v.1

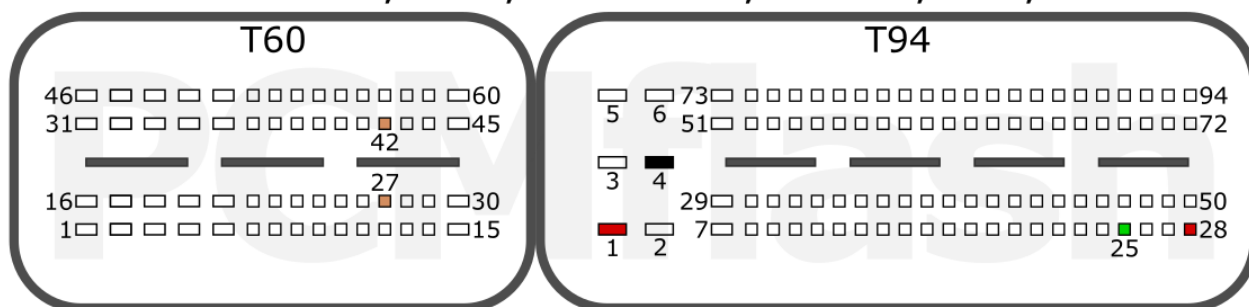
2021-11-03

# PCMflash

Engine Control Unit

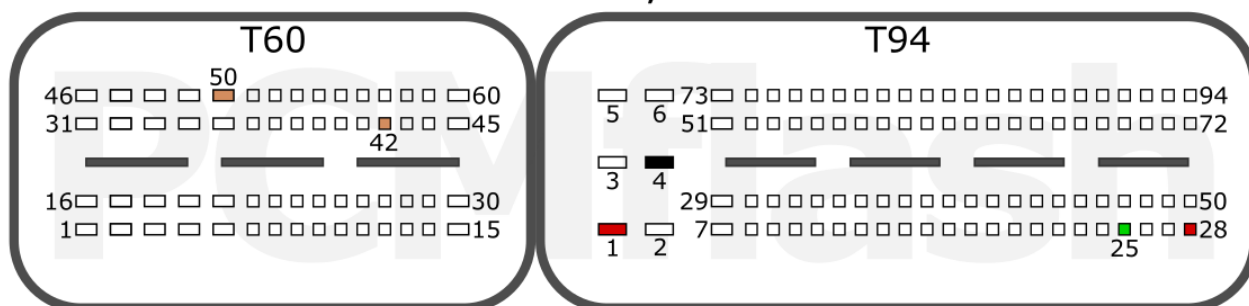
## EDC16C39

CHEVROLET, FIAT, HYUNDAI, IVECO, KIA, UAZ



<b>+12V</b>	T94: 1, 28	<b>GPT</b>	T60: 42, 27
<b>GND</b>	T94: 4	<b>K-LINE</b>	T94: 25

CHEVROLET, HYUNDAI



<b>+12V</b>	T94: 1, 28	<b>GPT</b>	T60: 50, 42
<b>GND</b>	T94: 4	<b>K-LINE</b>	T94: 25

See next page/смотри следующую страницу

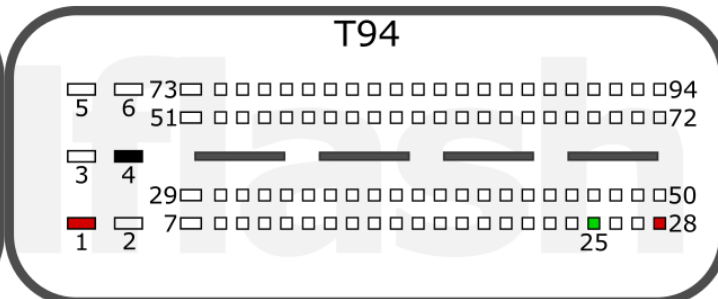
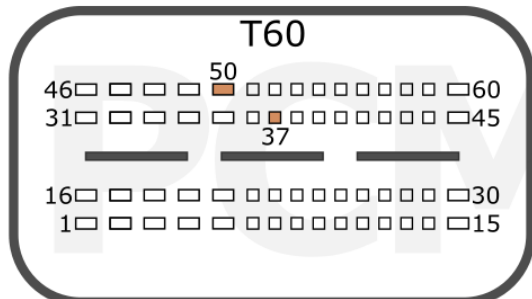
CHEVROLET	FIAT	HYUNDAI	IVECO	KIA	UAZ
pcmflash.ru				v.2	2022-02-13

# PCMflash

Engine Control Unit

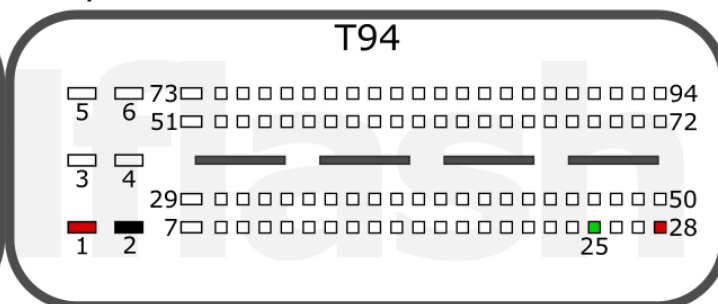
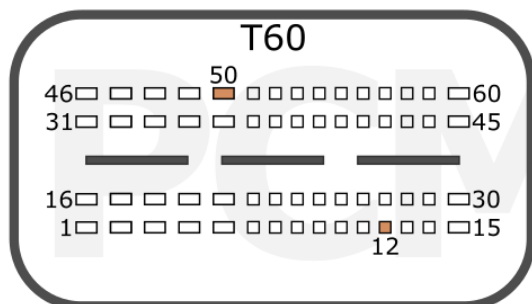
## EDC16C39

### FIAT



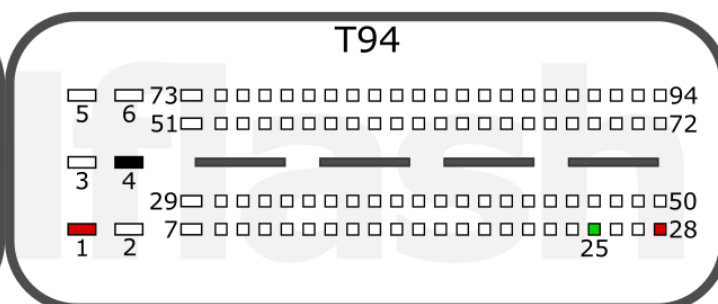
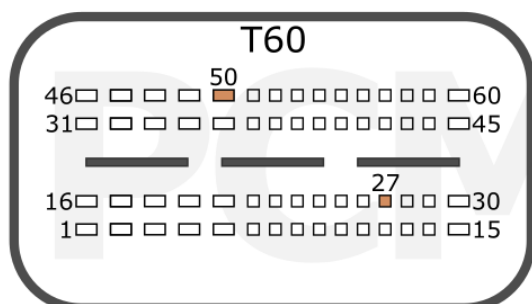
<b>+12V</b>	T94: 1, 28	<b>GPT</b>	T60: 50, 37
<b>GND</b>	T94: 4	<b>K-LINE</b>	T94: 25

### OPEL, SAAB



<b>+12V</b>	T94: 1, 28	<b>GPT</b>	T60: 50, 12
<b>GND</b>	T94: 2	<b>K-LINE</b>	T94: 25

### SAAB



<b>+12V</b>	T94: 1, 28	<b>GPT</b>	T60: 50, 27
<b>GND</b>	T94: 4	<b>K-LINE</b>	T94: 25

FIAT

OPEL

SAAB

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v.3

2023-05-27







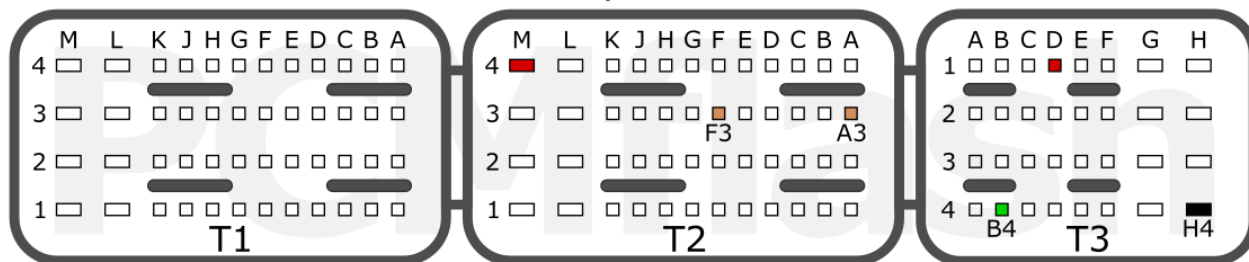


# PCMflash

Engine Control Unit

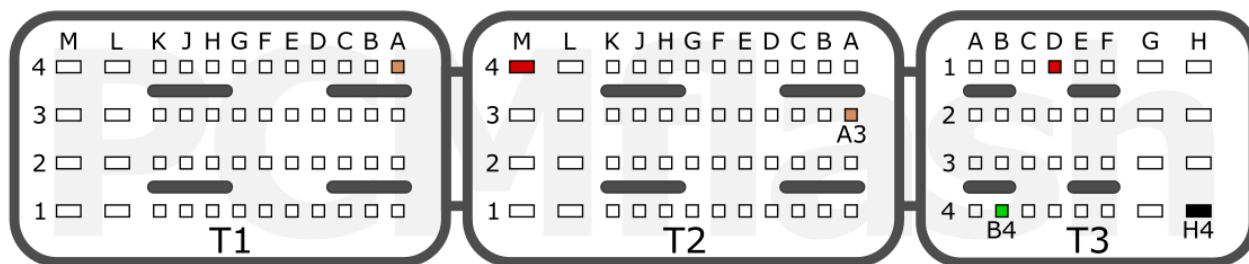
## EDC16CP33

### NISSAN, RENAULT



<b>+12V</b>	T2: M4, T3: D1	<b>GPT</b>	T2: F3, T2: A3
<b>GND</b>	T3: H4	<b>K-LINE</b>	T3: B4

### RENAULT



<b>+12V</b>	T2: M4, T3: D1	<b>GPT</b>	T1: A4, T2: A3
<b>GND</b>	T3: H4	<b>K-LINE</b>	T3: B4

NISSAN

RENAULT

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v.3

2022-04-04





# PCMflash

Engine Control Unit

## EDC16CP36



<b>+12V</b>	T58: 5, 15, 16	<b>GPT</b>	T96: 33, 77
<b>GND</b>	T58: 2	<b>K-LINE</b>	T58: 29

MB

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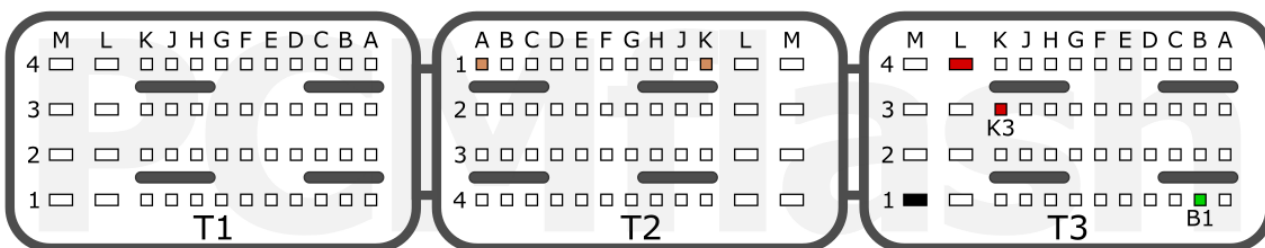
v.1

2021-08-08

# PCMflash

Engine Control Unit

## EDC16CP39



<b>+12V</b>	T3: L4, K3	<b>GPT</b>	T2: A1, K1
<b>GND</b>	T3: M1	<b>K-LINE</b>	T3: B1

FORD

JLR

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v.1

2021-08-06

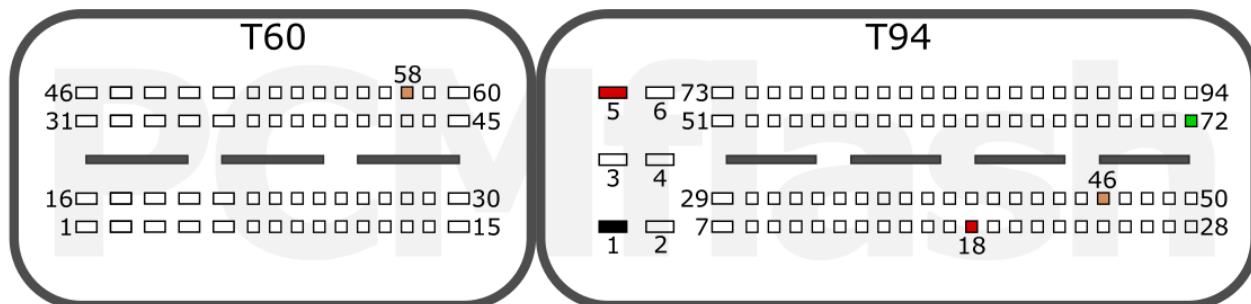


# PCMflash

Engine Control Unit

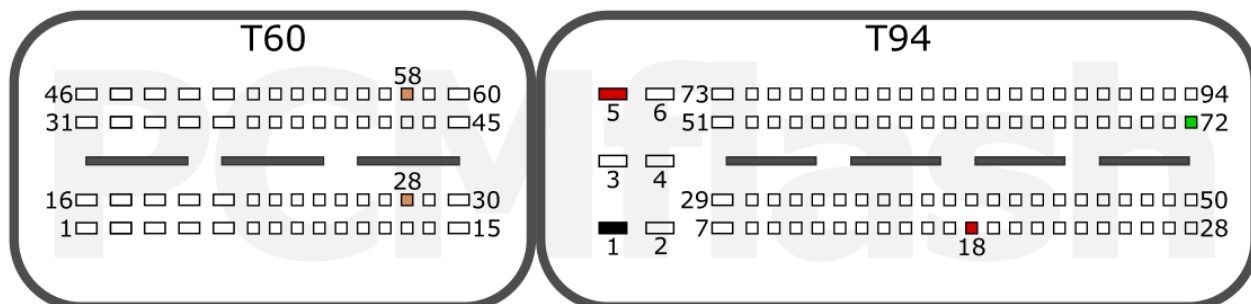
## EDC16CP42

### Connection version 1



<b>+12V</b>	T94: 5, 18	<b>GPT</b>	T60: 58; T94: 46
<b>GND</b>	T94: 1	<b>K-LINE</b>	T94: 72

### Connection version 2



<b>+12V</b>	T94: 5, 18	<b>GPT</b>	T60: 58, 28
<b>GND</b>	T94: 1	<b>K-LINE</b>	T94: 72

NISSAN

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v.1

2021-08-23

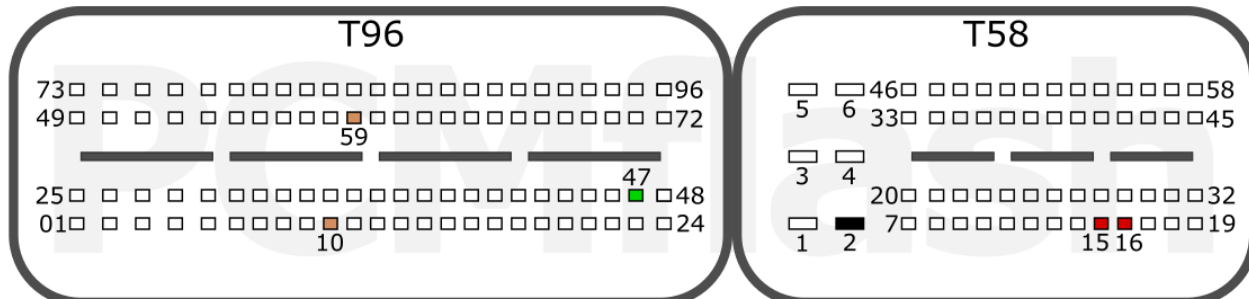


# PCMflash

Engine Control Unit

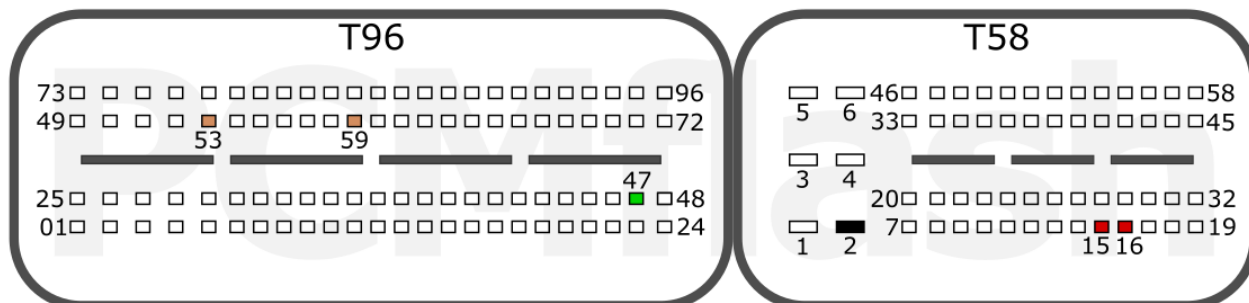
## ME9.0

### Connection version 1



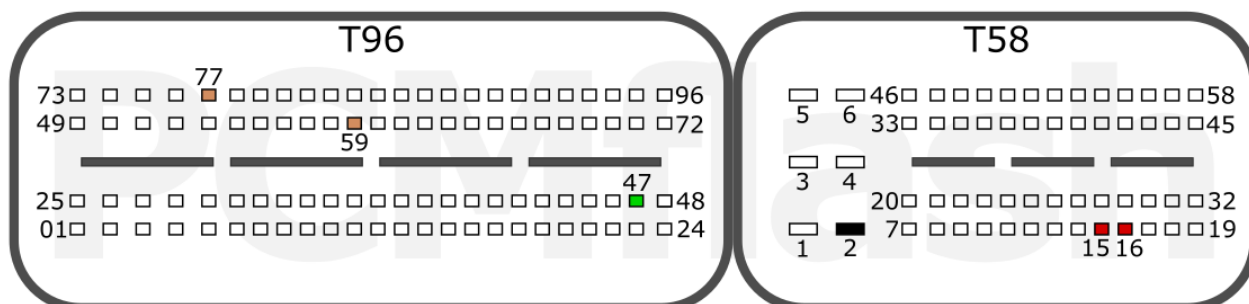
<b>+12V</b>	T58: 15, 16	<b>GPT</b>	T96: 59, 10
<b>GND</b>	T58: 2	<b>K-LINE</b>	T96: 47

### Connection version 2



<b>+12V</b>	T58: 15, 16	<b>GPT</b>	T96: 59, 53
<b>GND</b>	T58: 2	<b>K-LINE</b>	T96: 47

### Connection version 3



<b>+12V</b>	T58: 15, 16	<b>GPT</b>	T96: 59, 77
<b>GND</b>	T58: 2	<b>K-LINE</b>	T96: 47

VOLVO

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v.2

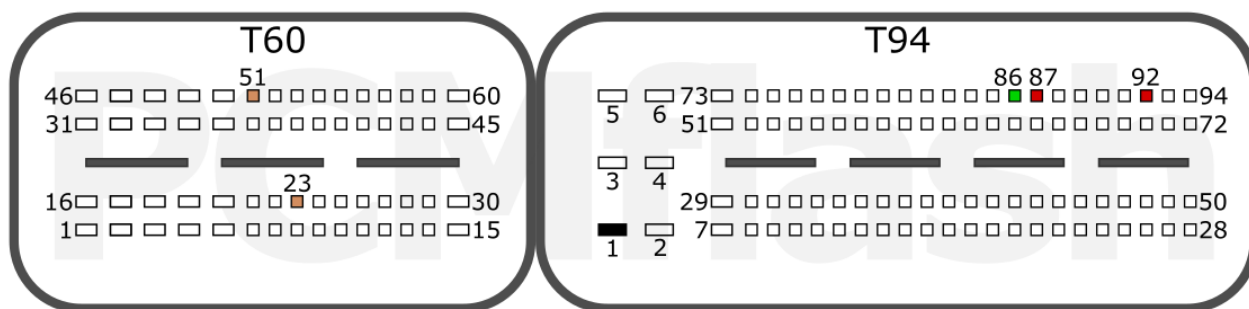
2021-11-03



# PCMflash

Engine Control Unit

## MED9.5.10



<b>+12V</b>	T94: 87, 92	<b>GPT</b>	T60: 51, 23
<b>GND</b>	T94: 1	<b>K-LINE</b>	T94: 86

VAG

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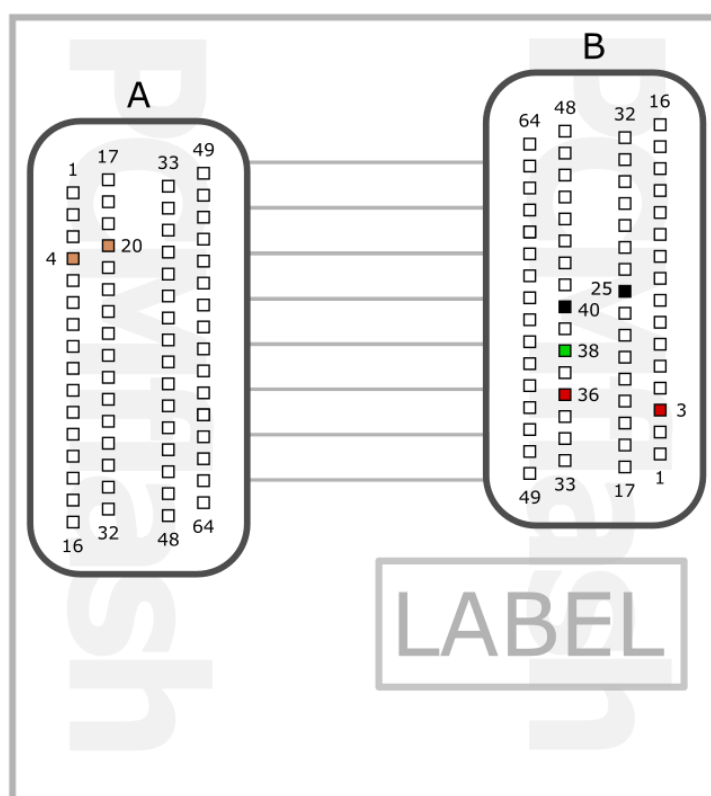
v.1

2021-07-31

# PCMflash

Engine Control Unit

## ME9.6



<b>+12V</b>	B: 3, 36	<b>GPT*</b>	A: 4, 20
<b>GND</b>	B: 25, 40	<b>K-LINE*</b>	B: 38
* Enable "Reduced transfer rate" option in the PCMflash settings / * В Настройках программы необходимо включить "Уменьшить скорость обменов"			

CADILLAC

SAAB

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v.1

2022-07-09

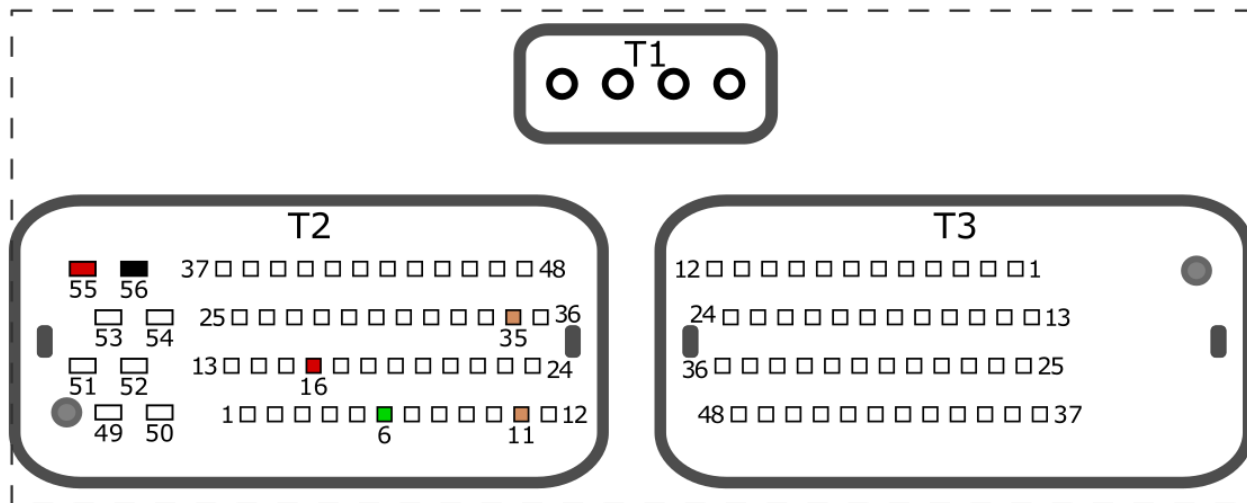


# PCMflash

Electronic Control Unit

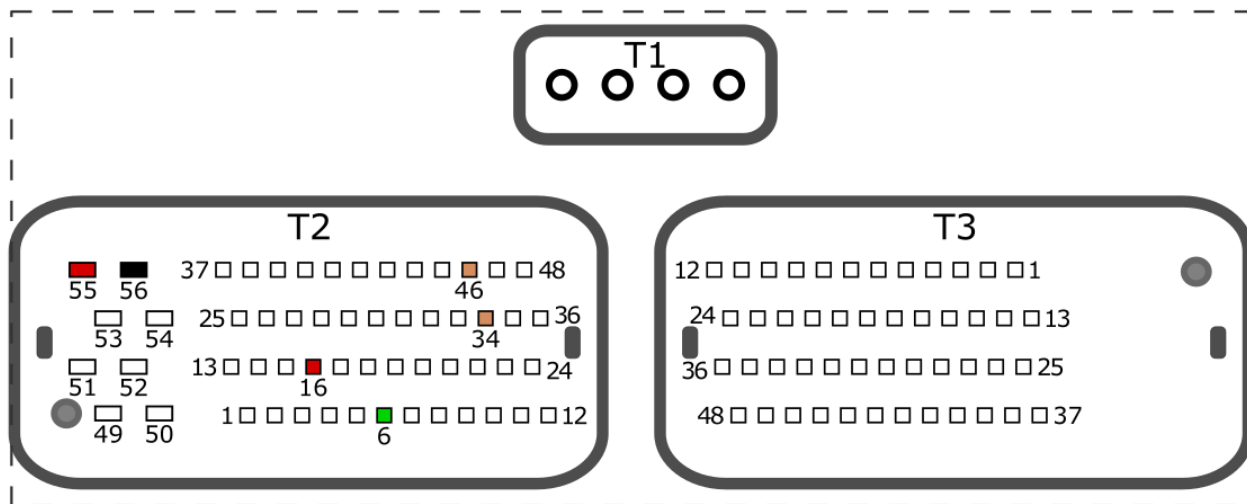
## PSG16

### Connection version 1



<b>+12V</b>	T2: 55, 16	<b>GPT</b>	T2: 11, 35
<b>GND</b>	T2: 56	<b>K-LINE</b>	T2: 6

### Connection version 2



<b>+12V</b>	T2: 55, 16	<b>GPT</b>	T2: 46, 34
<b>GND</b>	T2: 56	<b>K-LINE</b>	T2: 6

OPEL

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v.1

2021-08-09

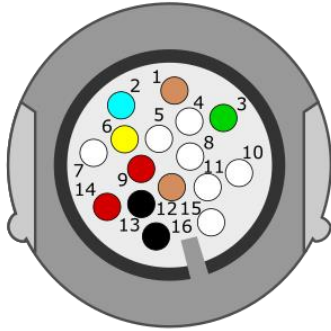


# PCMflash

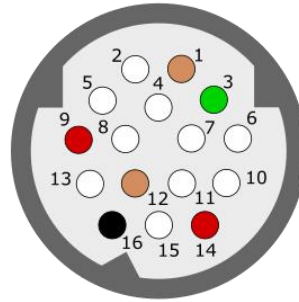
Transmission Control Unit

## 6HPxx Bosch TCU

### Connection version 1



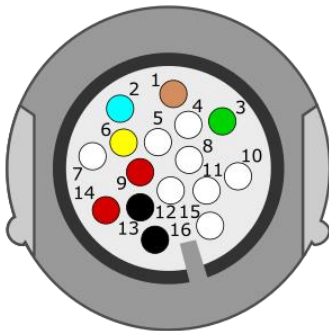
Type 1/Тип 1



Type /Тип 2

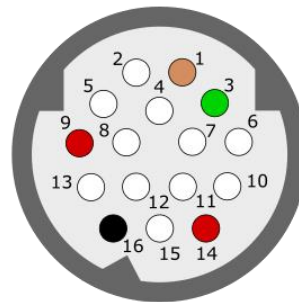
<b>+12V</b>	9, 14	<b>GPT</b>	1, 12
<b>GND</b>	13, 16	<b>K-LINE</b>	3
<b>CAN-L</b>	2 (Not used)	<b>CAN-H</b>	6 (Not used)

### Connection version 2



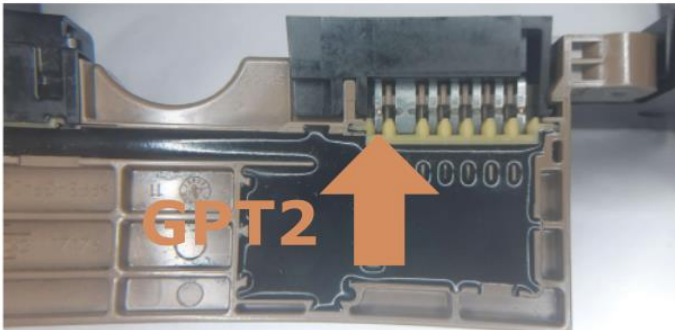
Type 1/Тип 1

**GPT2**  
see below



Type 2/Тип 2

### Position switch/Позиционер



Remove cap/Снять крышку



BMW

JLR

VAG

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v.1

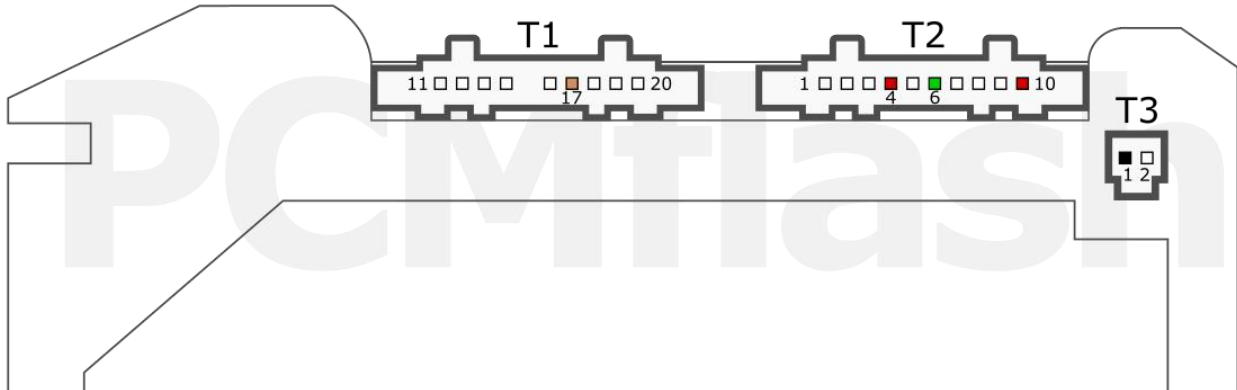
2021-11-24

# PCMflash

Transmission Control Unit

RE5R05A TCU

Front side/Передняя сторона



<b>+12V</b>	T2:4, 10	<b>GPT</b>	T1:17, back side
<b>GND</b>	T3:1	<b>K-LINE</b>	T2:6

Back side/Задняя сторона



See the next page/Смотри следующую страницу

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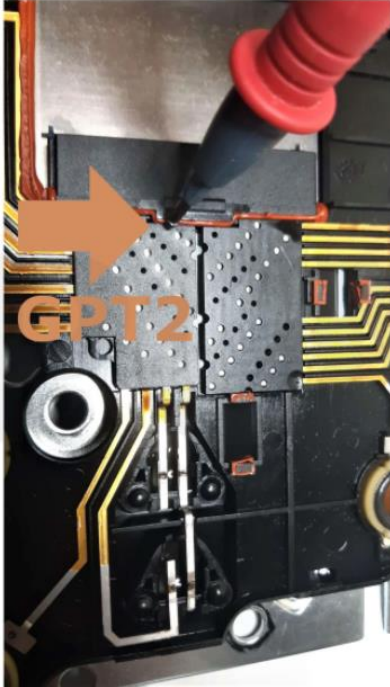
2021-12-06

# PCMflash

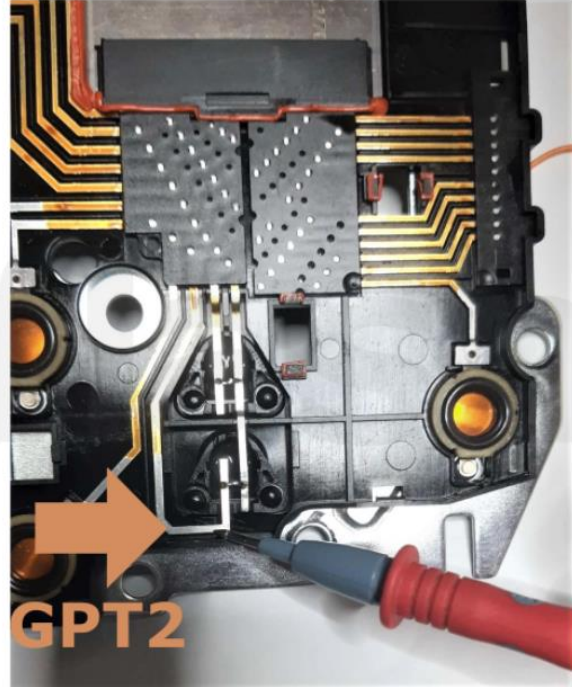
Transmission Control Unit

RE5R05A TCU

With the lid open/С открытой крышкой



Option 1/Вариант 1

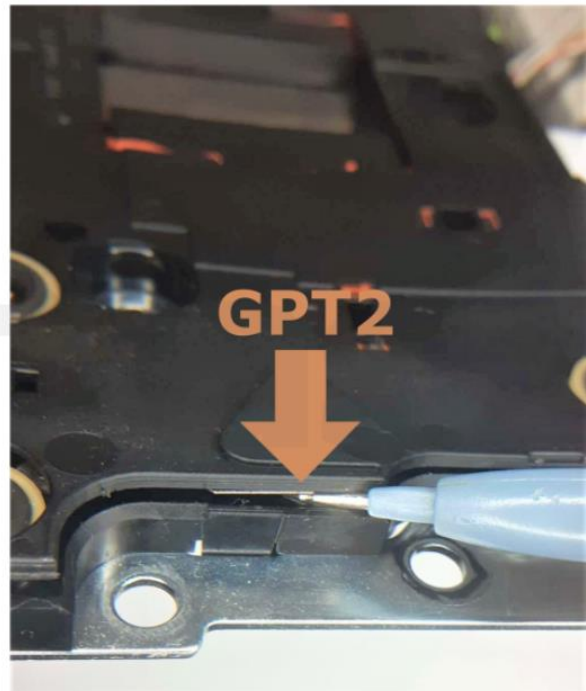


Option 2/Вариант 2

Without opening the lid/Без открытия крышки



Option 1/Вариант 1 (The best/ Лучший)



Option 2/Вариант 2

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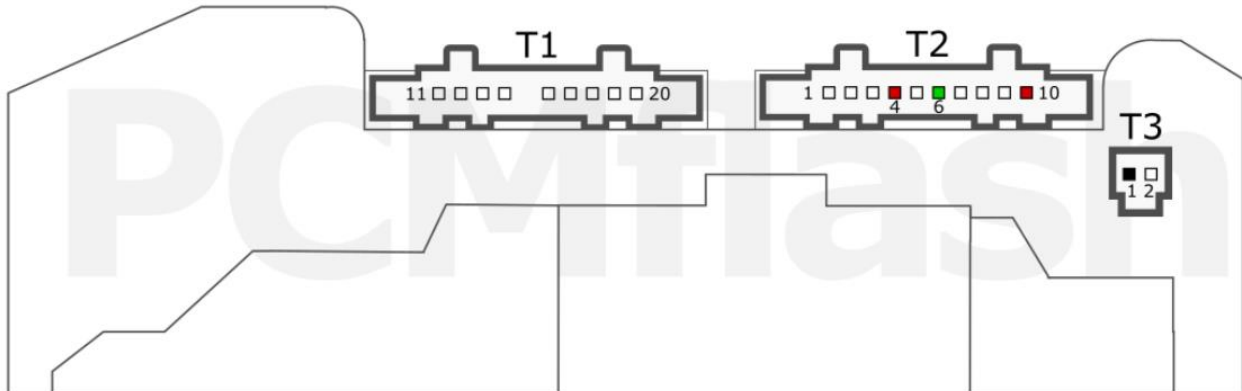
2021-12-06

# PCMflash

Transmission Control Unit

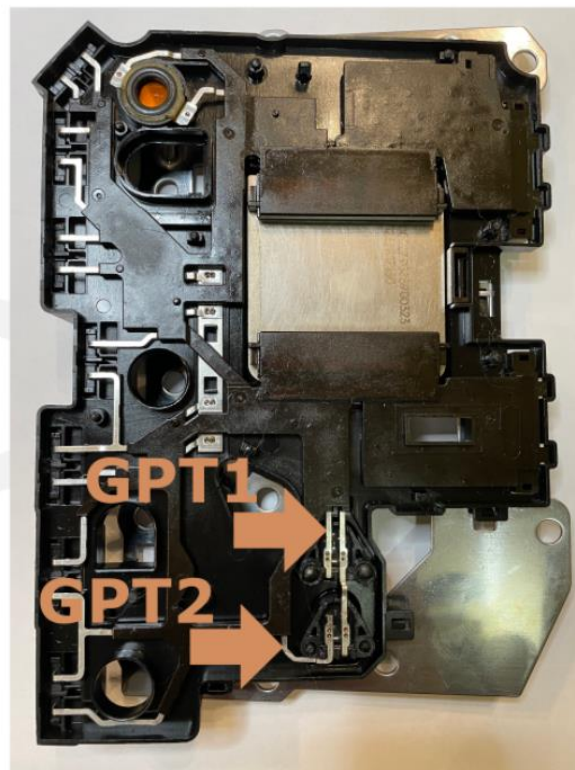
RE5R05A 0260550023 TCU

Front side/Передняя сторона



<b>+12V</b>	T2:4, 10	<b>GPT</b>	Back side
<b>GND</b>	T3:1	<b>K-LINE</b>	T2:6

Back side/Задняя сторона



With the lid open/С открытой крышкой

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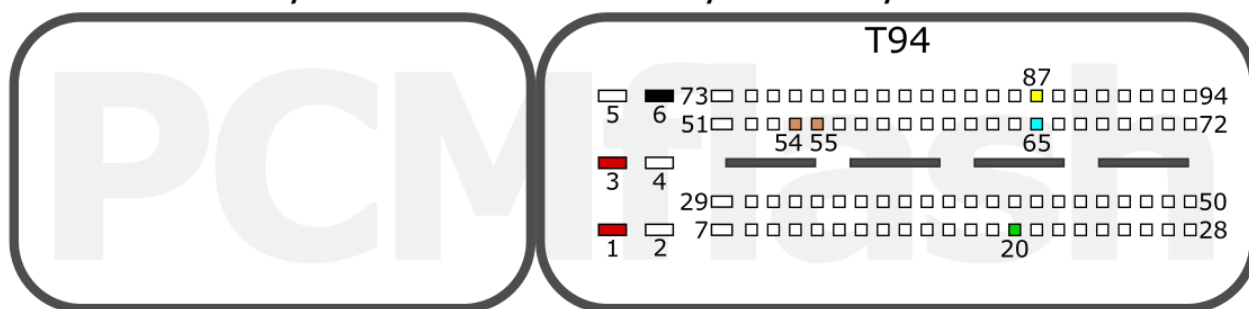
2021-12-08

# PCMflash

Transmission Control Unit

## TC14 TCU

KIA/HYUNDAI A5SR1/A5SR2/A6GF1



<b>+12V</b>	T94: 1, 3	<b>GPT</b>	T94: 54, 55
<b>GND</b>	T94: 6	<b>K-LINE</b>	T94: 20
<b>CAN-L</b>	T94: 65 (Not used)	<b>CAN-H</b>	T94: 87 (Not used)

KIA/HYUNDAI

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v.1

2021-11-22