

PCMflash module 77

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

Сервисный режим ЭБУ Bosch

ME9/MED9/EDC7/EDC16/PSG16/TCU

Contents/Оглавление

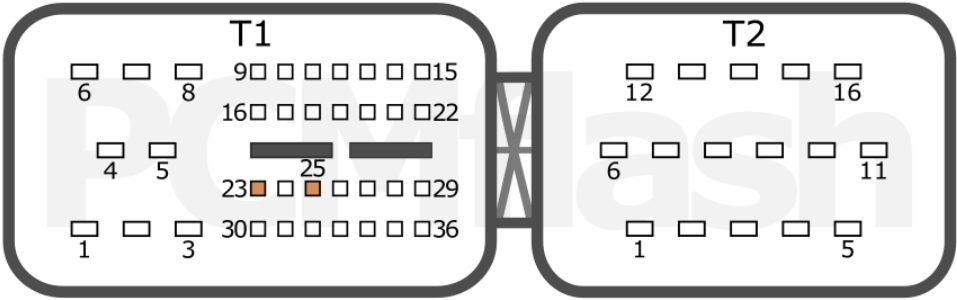
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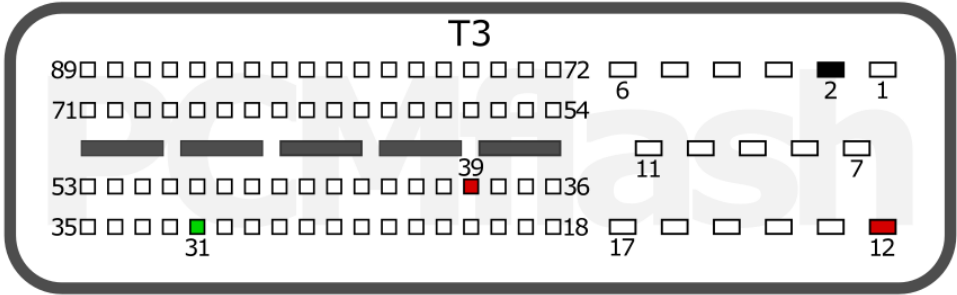
PCMflash

Engine Control Unit

EDC7C1



LABEL



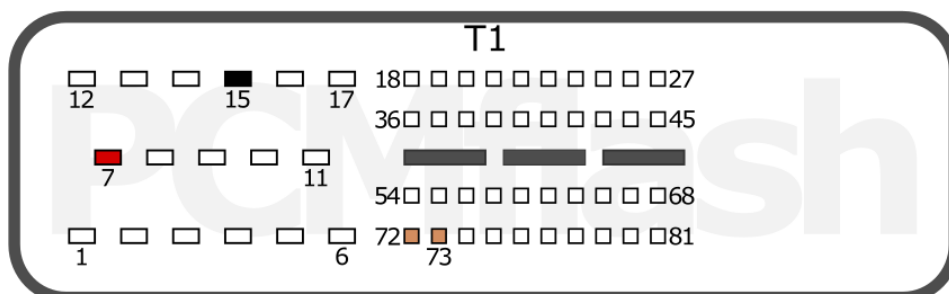
+12V	T3: 39, 12	GPT*	T1: 23, 25
GND	T3: 2	K-LINE	T3: 31
* Connect GPT signals to the ECU through 10-47uF capacitors / Подключить сигналы GPT к ЭБУ через конденсаторы 10-47мкФ			

BUS/TRUCK

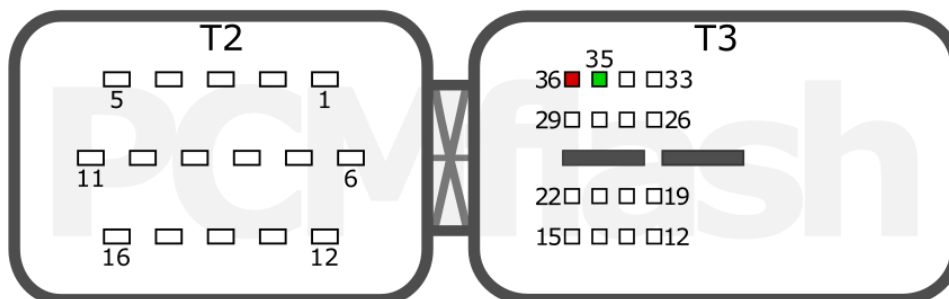
PCMflash

Engine Control Unit

EDC7C3



LABEL



+12V	T1: 7, T3: 36	GPT*	T1: 72, 73
GND	T1: 15	K-LINE	T3: 35
* Connect GPT signals to the ECU through 10-47uF capacitors / Подключить сигналы GPT к ЭБУ через конденсаторы 10-47мкФ			

MAN

pcmflash.ru

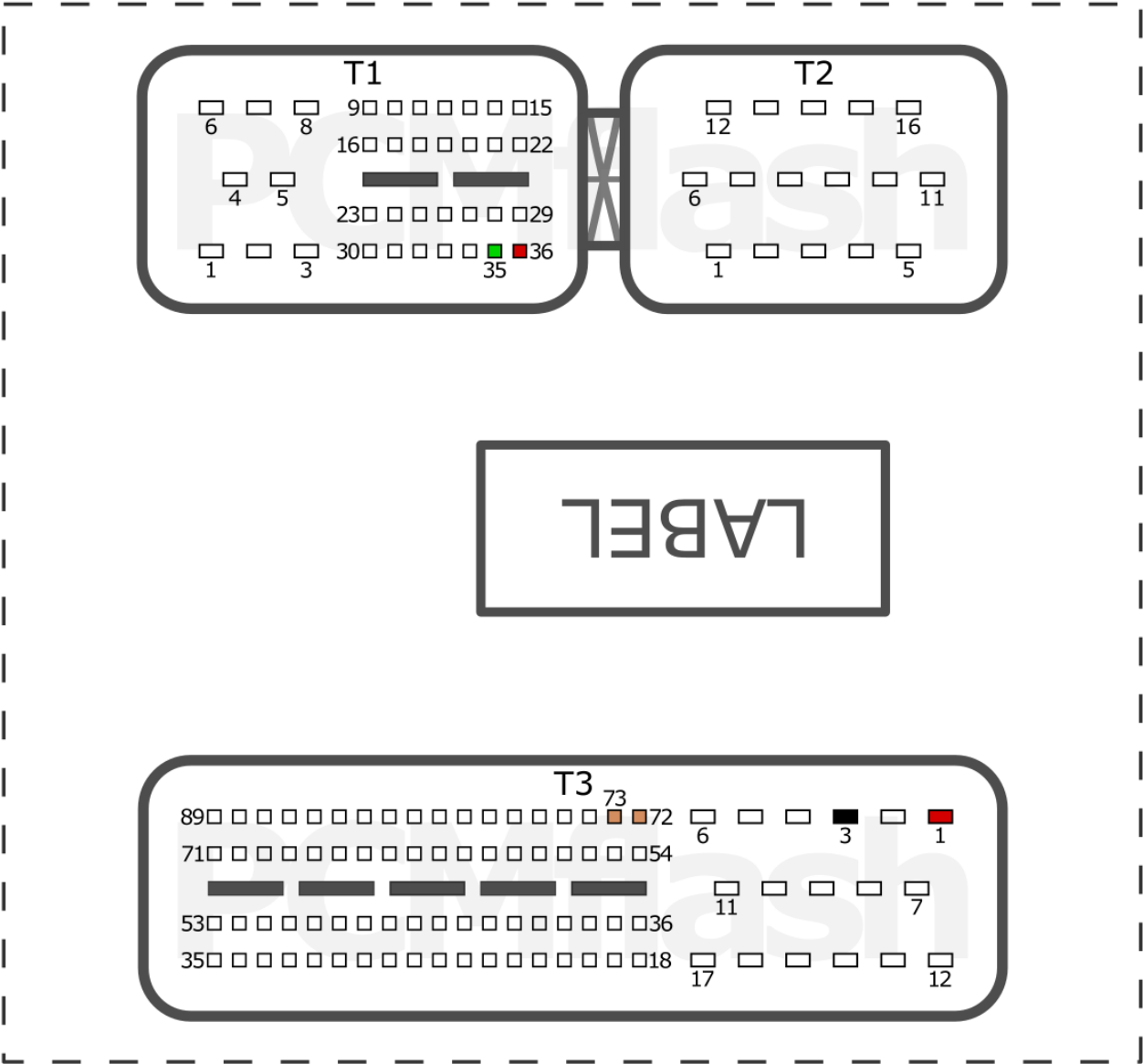
v.2

2023-03-26

PCMflash

Engine Control Unit

EDC7C32



LABEL

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

MAN

pcmflash.ru

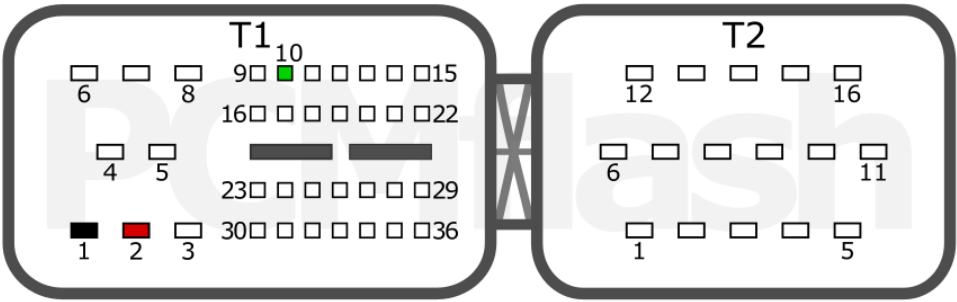
v.2

2023-03-26

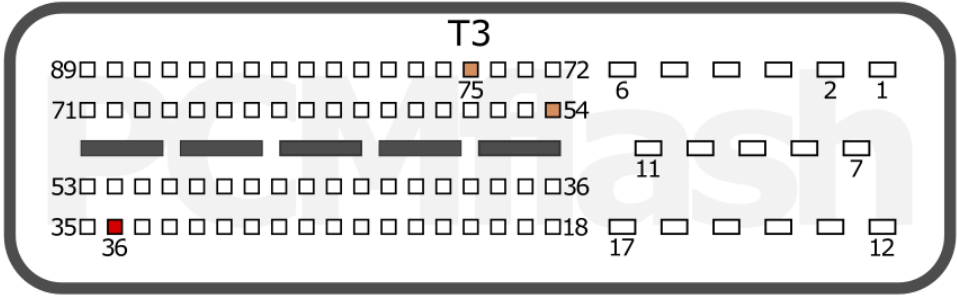
PCMflash

Engine Control Unit

EDC7U1



LABEL



+12V	T1: 2; T3: 36	GPT*	T3: 54, 75
GND	T1: 1	K-LINE	T1: 10
* Connect GPT signals to the ECU through 10-47uF capacitors / Подключить сигналы GPT к ЭБУ через конденсаторы 10-47мкФ			

TRUCK

pcmflash.ru

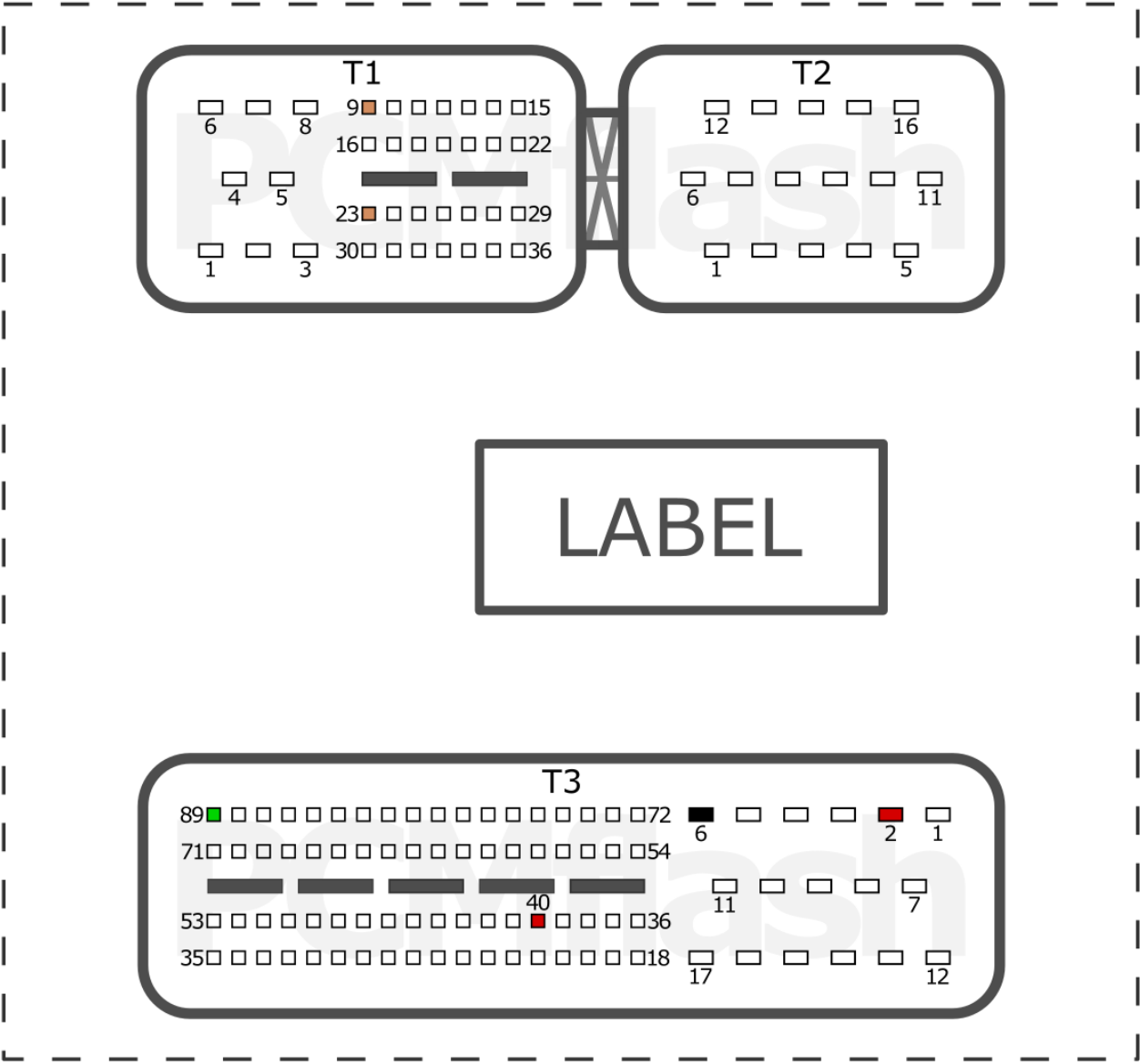
v.1

2024-04-24

PCMflash

Engine Control Unit

EDC7UC31



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

BUS/TRUCK

PCMflash

Engine Control Unit

EDC16C2

Connection version 3



+12V	T58: 1, 19	GPT	T96: 31, 11
GND	T58: 2	K-LINE	T58: 31

Connection version 4



+12V	T58: 1, 19	GPT	T96: 88, 38
GND	T58: 2	K-LINE	T58: 31

CHRYSLER

MB

pcmflash.ru

v.4

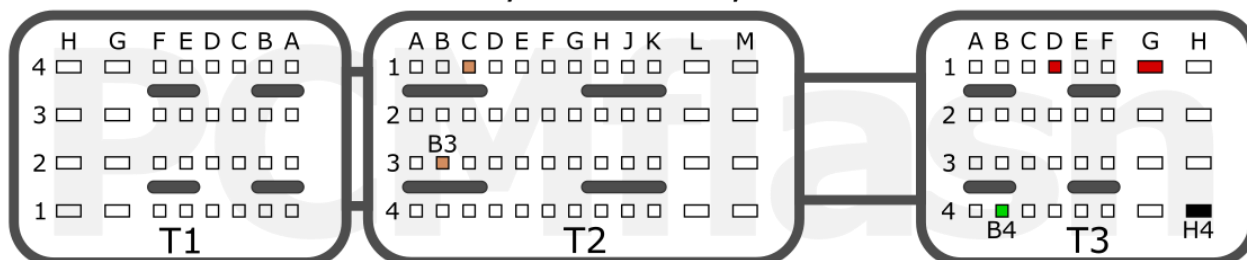
2025-10-03

PCMflash

Engine Control Unit

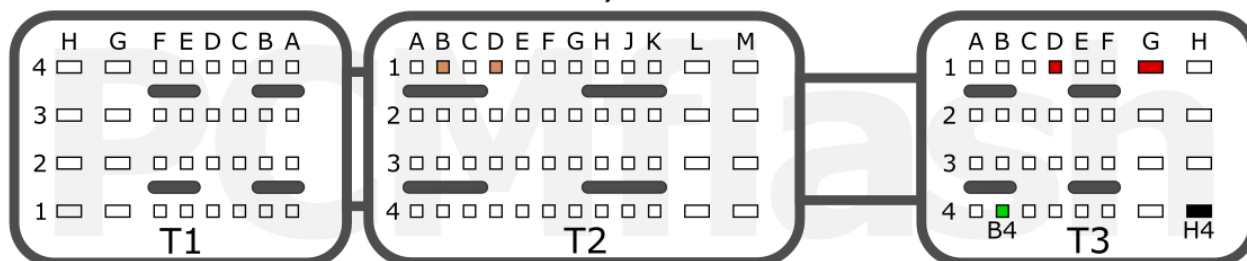
EDC16C3

NISSAN, RENAULT, SUZUKI



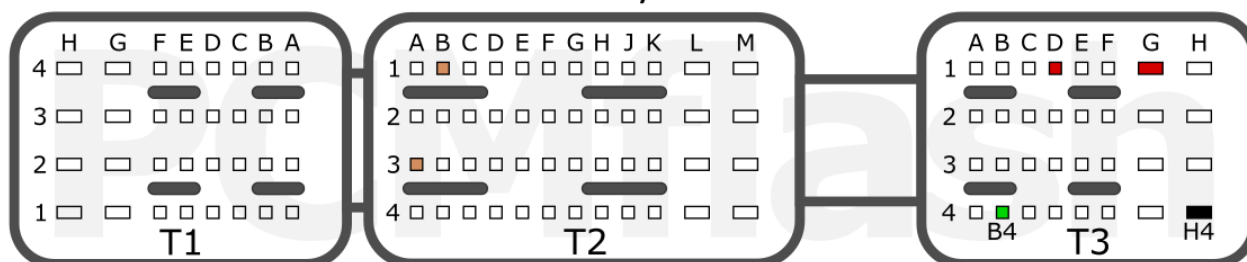
+12V	T3: D1, G1	GPT	T2: C1, B3
GND	T3: H4	K-LINE	T3: B4

NISSAN, RENAULT



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

PEUGEOT, MAZDA



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

MAZDA

NISSAN

PEUGEOT

RENAULT

SUZUKI

pcmflash.ru

v.1

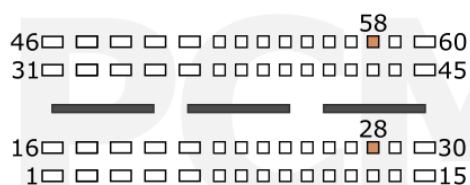
2021-08-04

PCMflash

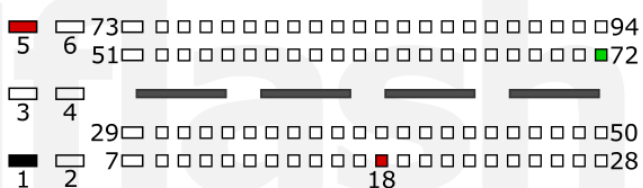
Engine Control Unit

EDC16C4

T60



T94

**+12V**

T94: 5, 18

GPT

T60: 58, 28

GND

T94: 1

K-LINE

T94: 72

AUDI

pcmflash.ru

v.1

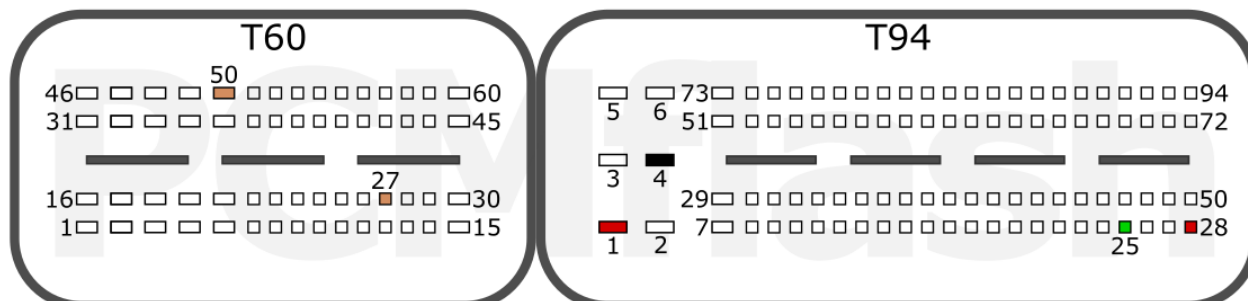
2022-07-26

PCMflash

Engine Control Unit

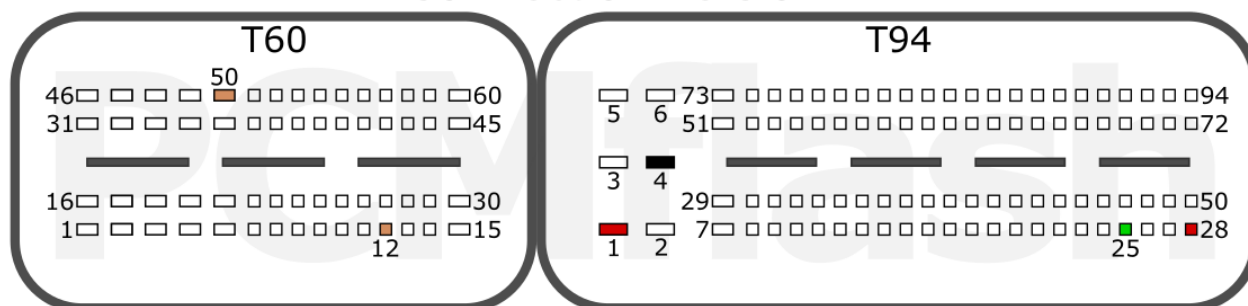
EDC16C9

Connection version 1



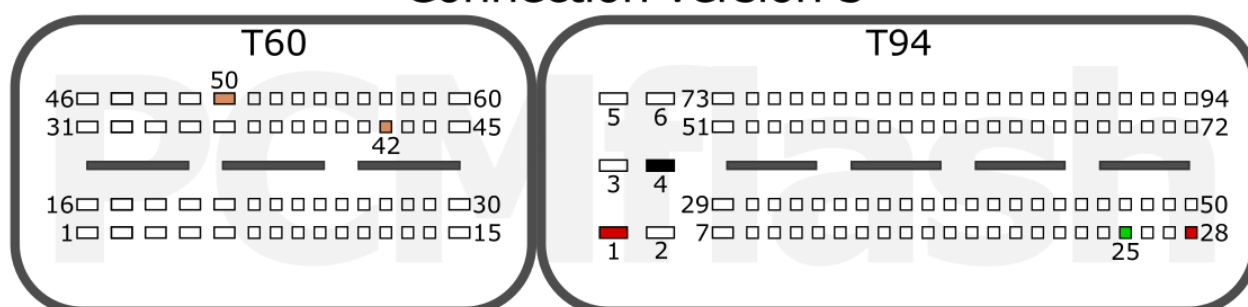
+12V	T94: 1, 28	GPT	T60: 50, 27
GND	T94: 4	K-LINE	T94: 25

Connection version 2



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

Connection version 3



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

GM

pcmflash.ru

v.2

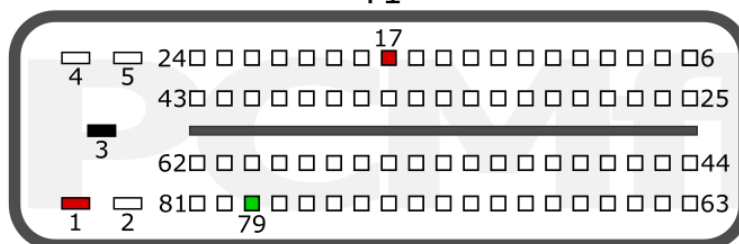
2021-12-03

PCMflash

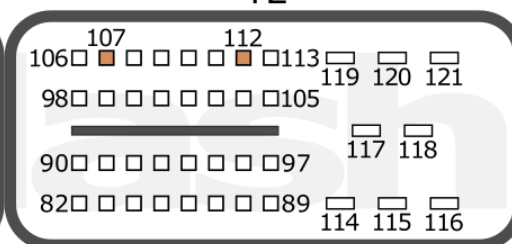
Engine Control Unit

EDC16C10

T1



T2



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

TOYOTA

pcmflash.ru

v.2

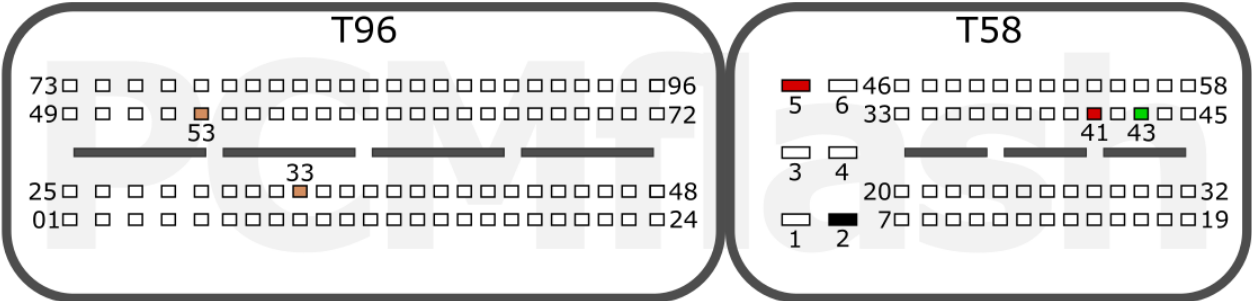
2022-01-21

PCMflash

Engine Control Unit

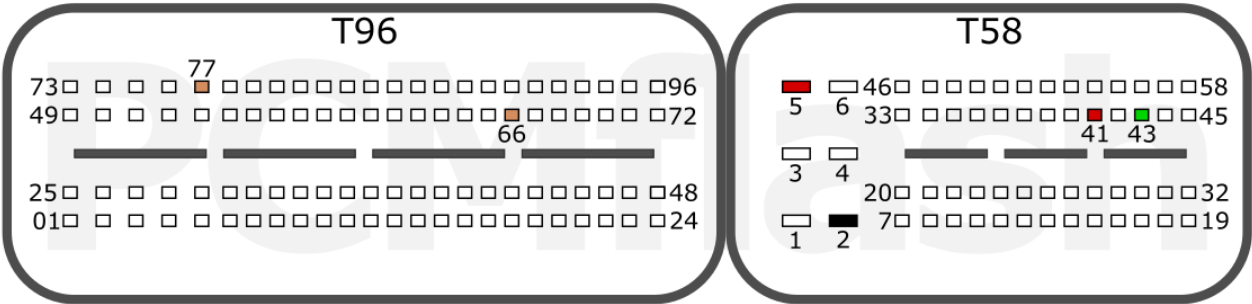
EDC16C31

Connection version 1



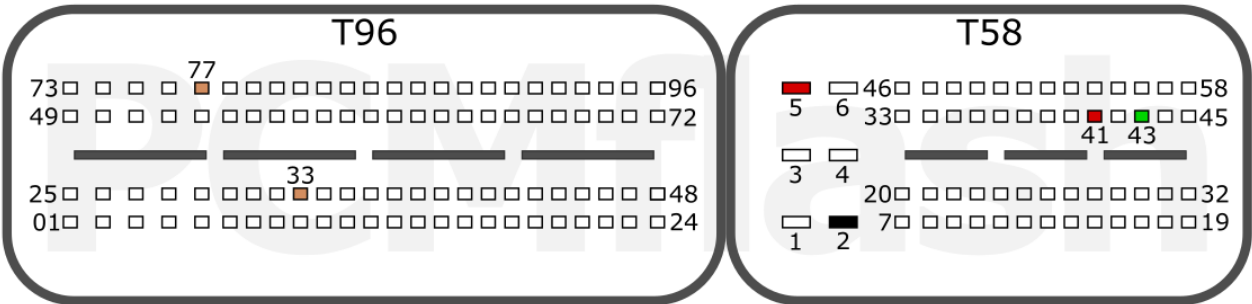
+12V	T58: 5, 41	GPT	T96: 33, 53
GND	T58: 2	K-LINE	T58: 43

Connection version 2



+12V	T58: 5, 41	GPT	T96: 66, 77
GND	T58: 2	K-LINE	T58: 43

Connection version 3



+12V	T58: 5, 41	GPT	T96: 33, 77
GND	T58: 2	K-LINE	T58: 43

VOLVO

pcmflash.ru

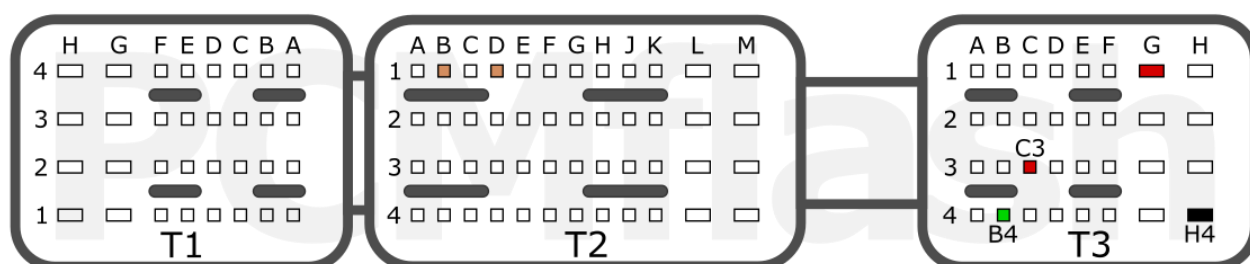
v.2

2025-05-06

PCMflash

Engine Control Unit

EDC16C34



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

FORD

PSA

VOLVO

pcmflash.ru

v.2

2023-07-22

Engine Control Unit

EDC16C35



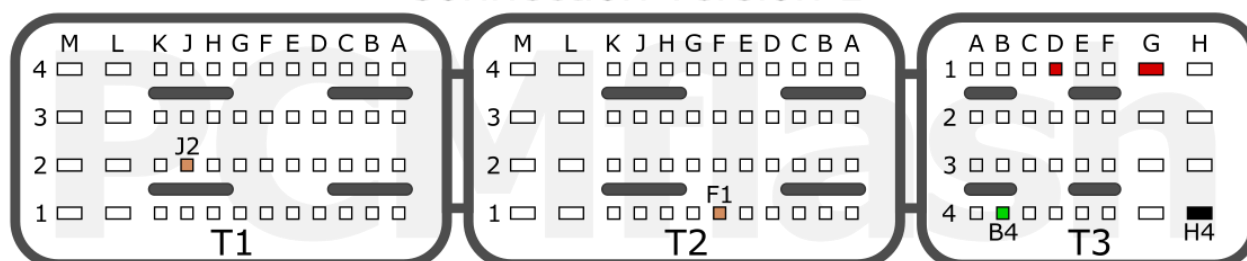
BMW

PCMflash

Engine Control Unit

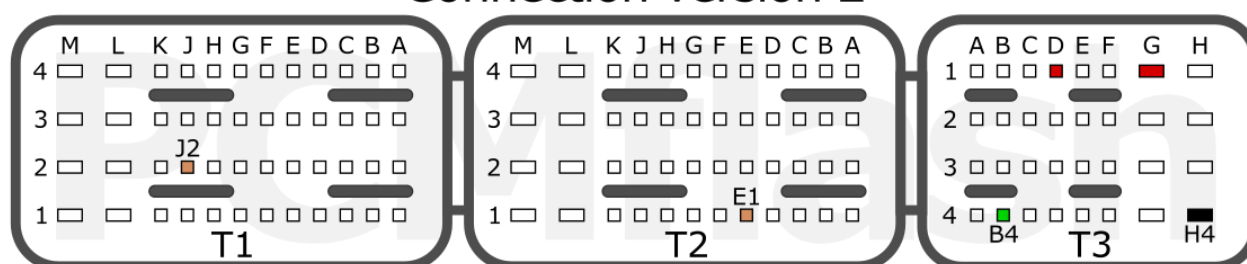
EDC16C36

Connection version 1



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

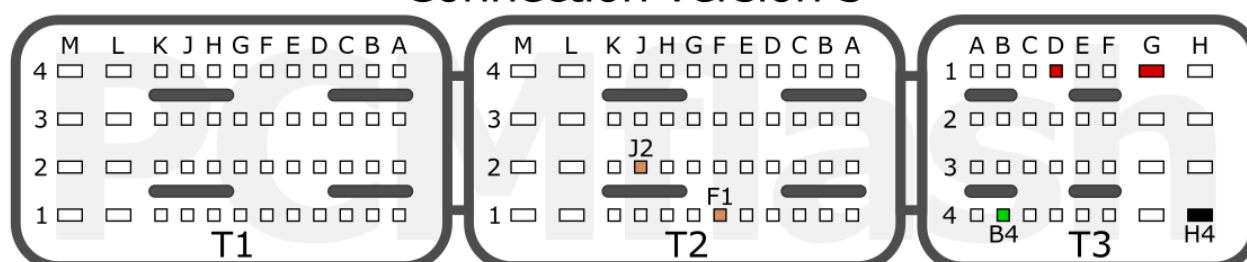
Connection version 2



+12V	T3: D1, G1	GPT	T1: J2, T2:E1*
GND	T3: H4	K-LINE	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



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

RENAULT

pcmflash.ru

v.4

2023-03-26

PCMflash

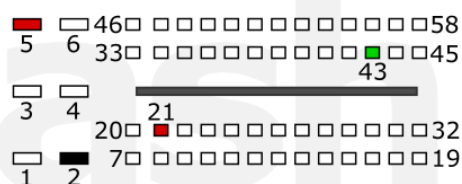
Engine Control Unit

EDC16C37

T96



T58



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

GM

pcmflash.ru

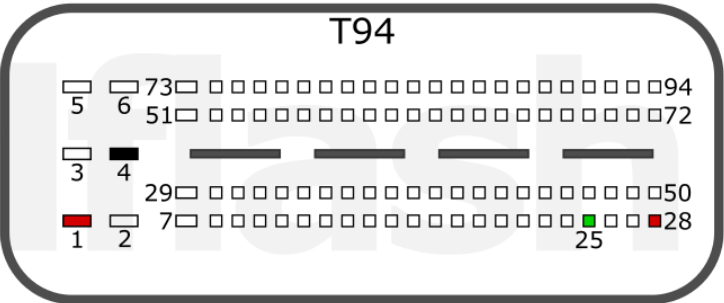
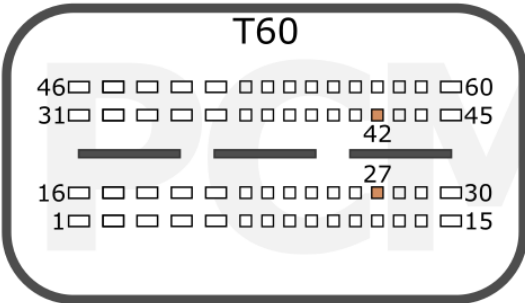
v.1

2021-11-03

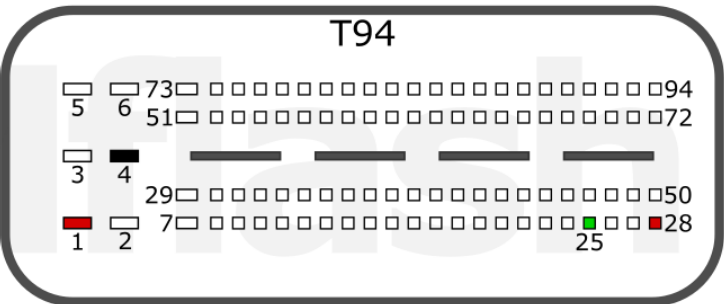
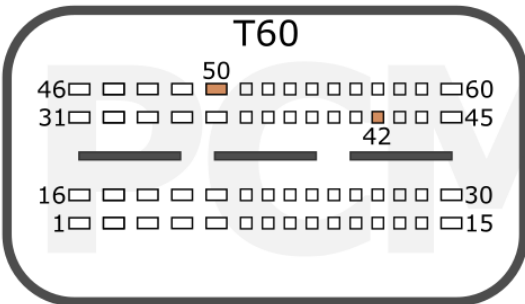
PCMflash

Engine Control Unit

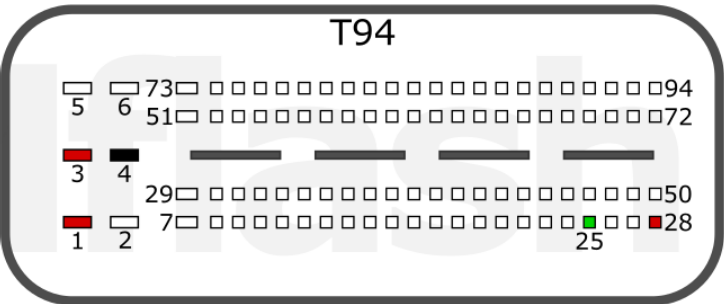
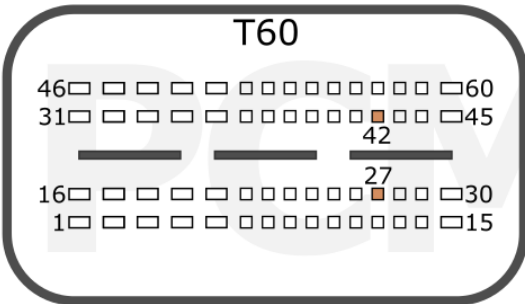
EDC16C39



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



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



+12V	T94: 1, 3, 28	GPT	T60: 42, 27
GND	T94: 4	K-LINE	T94: 25

See next page/смотри следующую страницу

ALL

pcmflash.ru

v.4

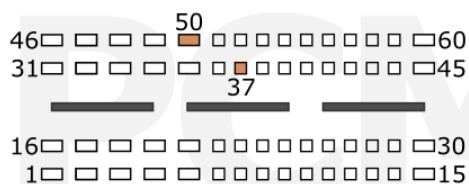
2025-10-06

PCMflash

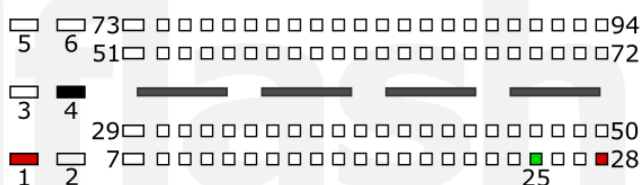
Engine Control Unit

EDC16C39

T60



T94

**+12V**

T94: 1, 28

GPT

T60: 50, 37

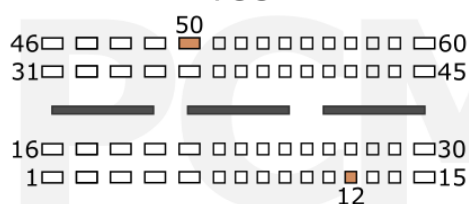
GND

T94: 4

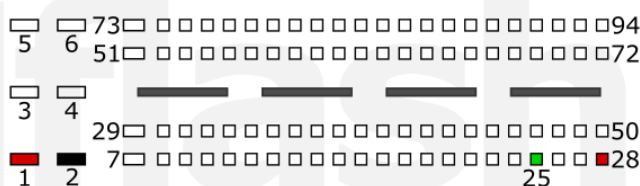
K-LINE

T94: 25

T60



T94

**+12V**

T94: 1, 28

GPT

T60: 50, 12

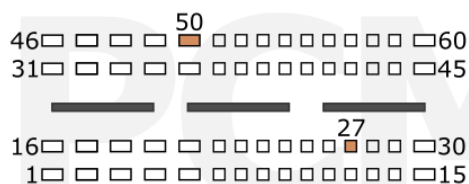
GND

T94: 2

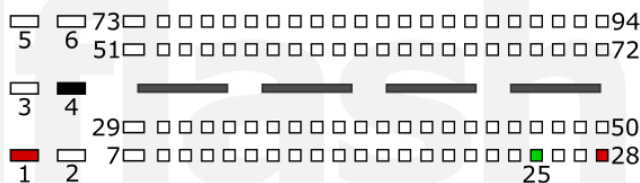
K-LINE

T94: 25

T60



T94

**+12V**

T94: 1, 28

GPT

T60: 50, 27

GND

T94: 4

K-LINE

T94: 25

ALL

pcmflash.ru

v.4

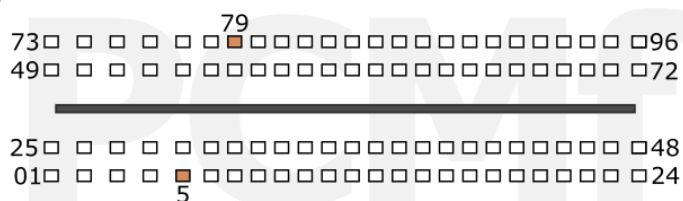
2025-10-06

PCMflash

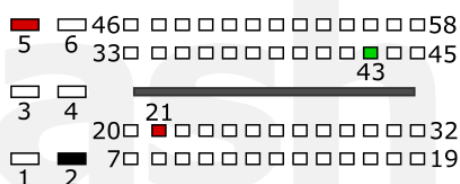
Engine Control Unit

EDC16C42

T96



T58



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

GMC

pcmflash.ru

v.1

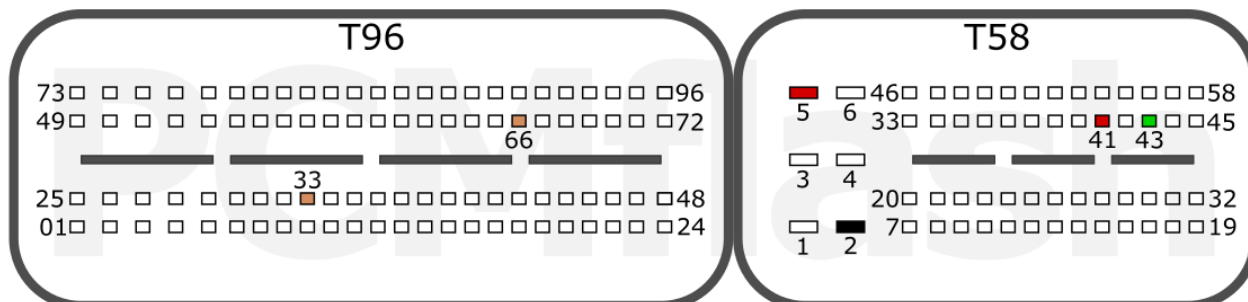
2022-04-04

PCMflash

Engine Control Unit

EDC16CP31

Connection version 1



+12V	T58: 5, 41	GPT	T96: 33, 66
GND	T58: 2	K-LINE	T58: 43

Connection version 2



+12V	T58: 5, 41	GPT	T96: 77, 66
GND	T58: 2	K-LINE	T58: 43

Connection version 3



+12V	T58: 5, 41	GPT	T96: 33, 77
GND	T58: 2	K-LINE	T58: 43

DODGE

JEEP

MB

pcmflash.ru

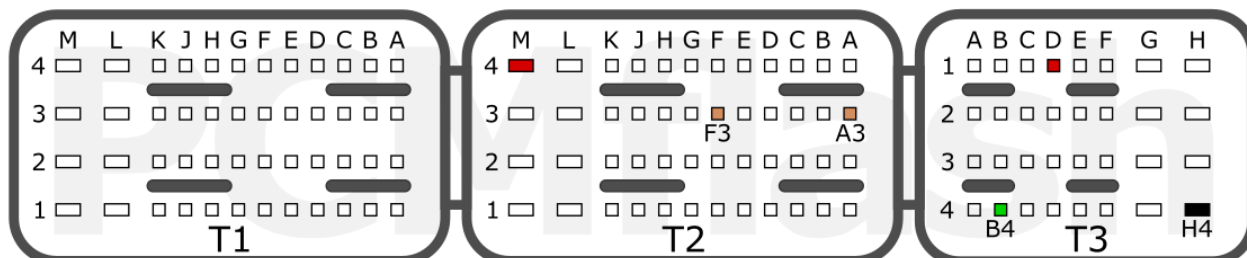
v.3

2022-06-14

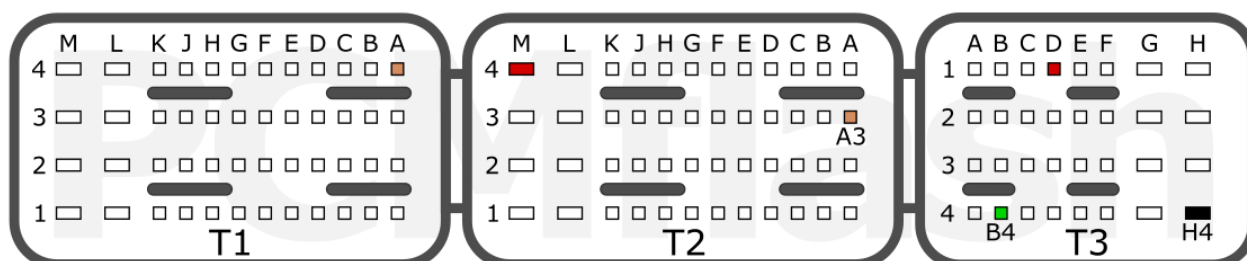
PCMflash

Engine Control Unit

EDC16CP33

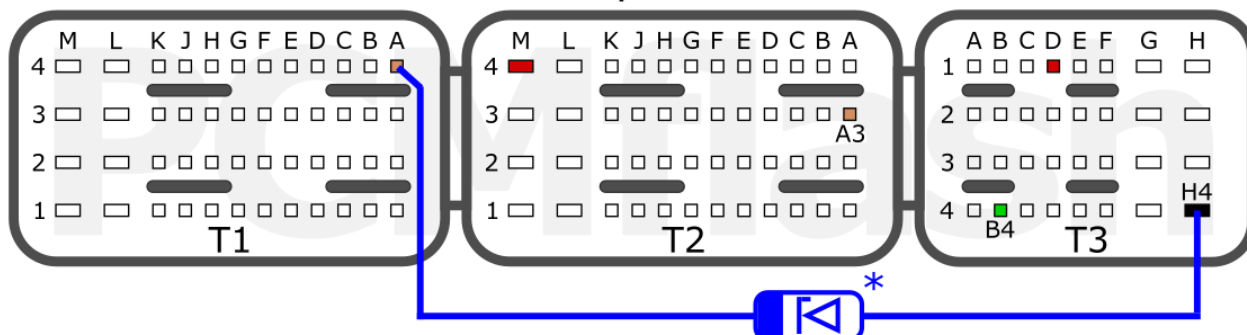


+12V	T2: M4, T3: D1	GPT	T2: F3, T2: A3
GND	T3: H4	K-LINE	T3: B4



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

JDM/RHD



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

*Connect the 5,6 V zener diode (1N4734A/BZX55C 5V6/BZX79C 5V6/...) to the GPT1 and GND pins/
Подключите стабилитрон на 5,6В (1N4734A/BZX55C 5V6/BZX79C 5V6/...) к контактам GPT1 и GND

NISSAN

RENAULT

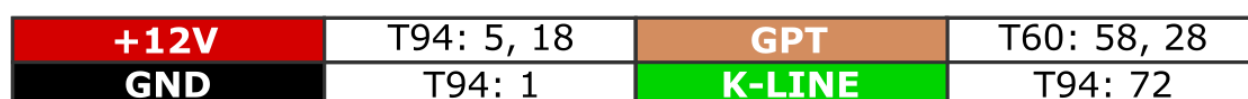
pcmflash.ru

v.4

2025-10-06

Engine Control Unit

Connection version 1



T60

Number of Children	Frequency
1	1
2	1
3	1
4	1
5	16
6	31
7	46
8	58
9	60
10	45

T94

Number of Children	Frequency
1	1
2	7
3	29
4	51
5	73
6	90
7	94
8	72
9	50
10	28
11	18

[illegible]

VAG

v.3

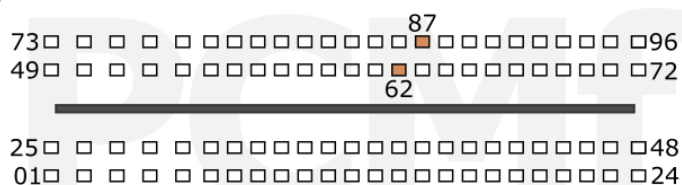
2023-03-26

PCMflash

Engine Control Unit

EDC16CP35

T96



T58



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

BMW

pcmflash.ru

v.1

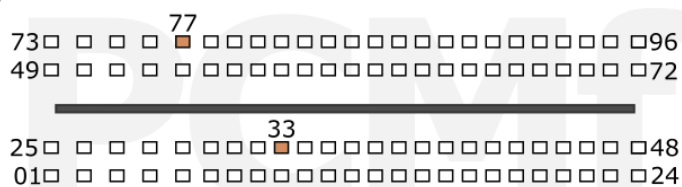
2021-07-27

PCMflash

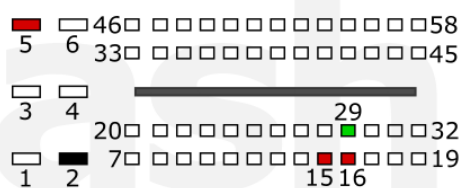
Engine Control Unit

EDC16CP36

T96



T58



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

MB

pcmflash.ru

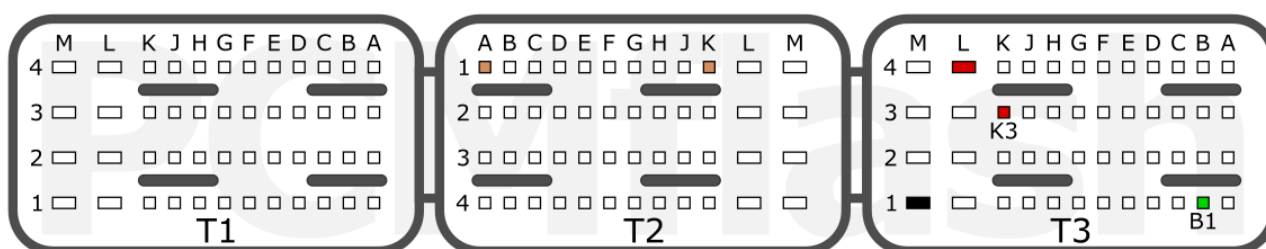
v.1

2021-08-08

PCMflash

Engine Control Unit

EDC16CP39



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

FORD

JLR

PSA

pcmflash.ru

v.2

2025-04-15

EDC16CP42

5 6 73 51 94 72

3 4 29 46 50

1 2 7 18 28

46 31 58 60 45

16 28 30 15

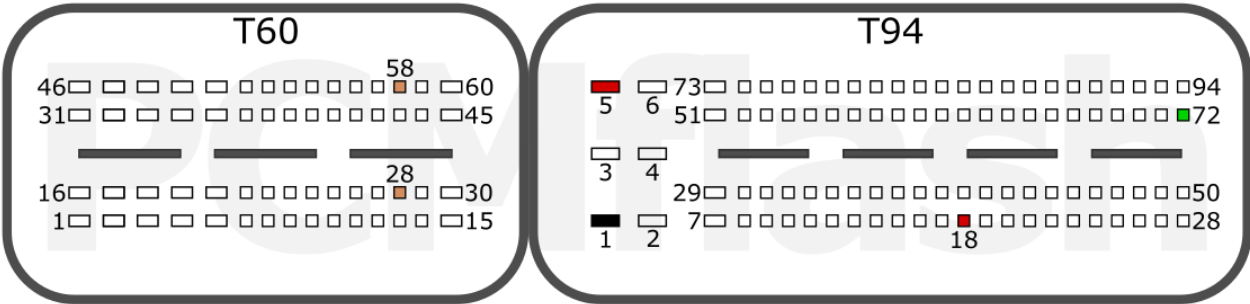
46 60
31 45
43
16 30
1 15

2024-06-01

PCMflash

Engine Control Unit

EDC16U1/U31/U34/CP34

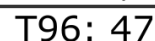


+12V	T94: 5, 18	GPT	T60: 58, 28
GND	T94: 1	K-LINE	T94: 72

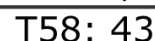
VAG

ME9.0

T96



T96

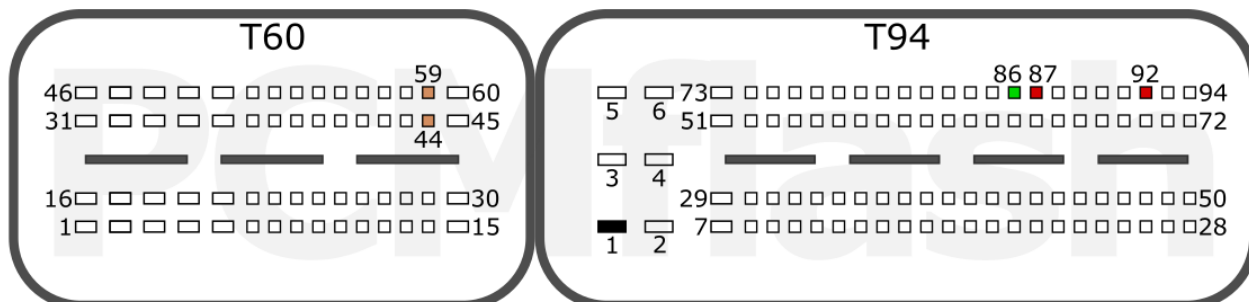


2025-01-23

Engine Control Unit

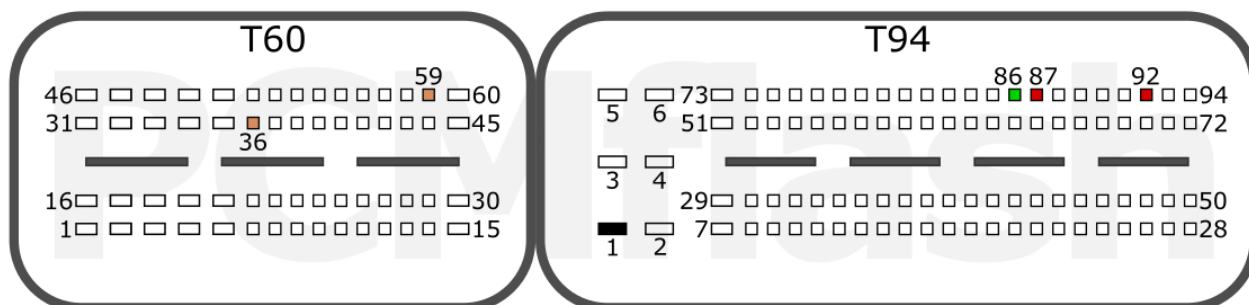
MED9.1/MED9.1.1

Connection version 1



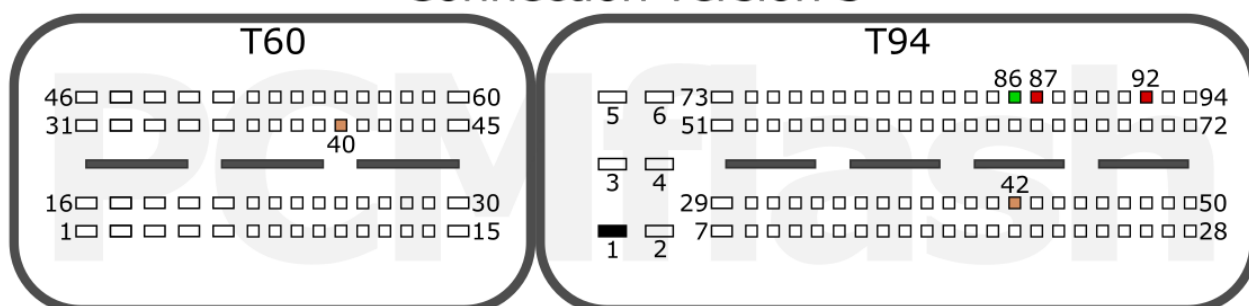
+12V	T94: 87, 92	GPT	T60: 59, 44
GND	T94: 1	K-LINE	T94: 86

Connection version 2



+12V	T94: 87, 92	GPT	T60: 59, 36
GND	T94: 1	K-LINE	T94: 86

Connection version 3



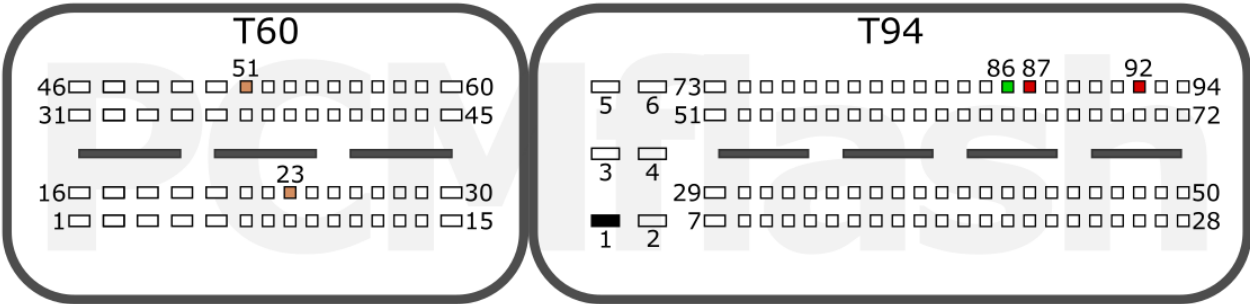
+12V	T94: 87, 92	GPT	T60: 40, T94:42
GND	T94: 1	K-LINE	T94: 86

VAG

PCMflash

Engine Control Unit

MED9.5.10



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

VAG

pcmflash.ru

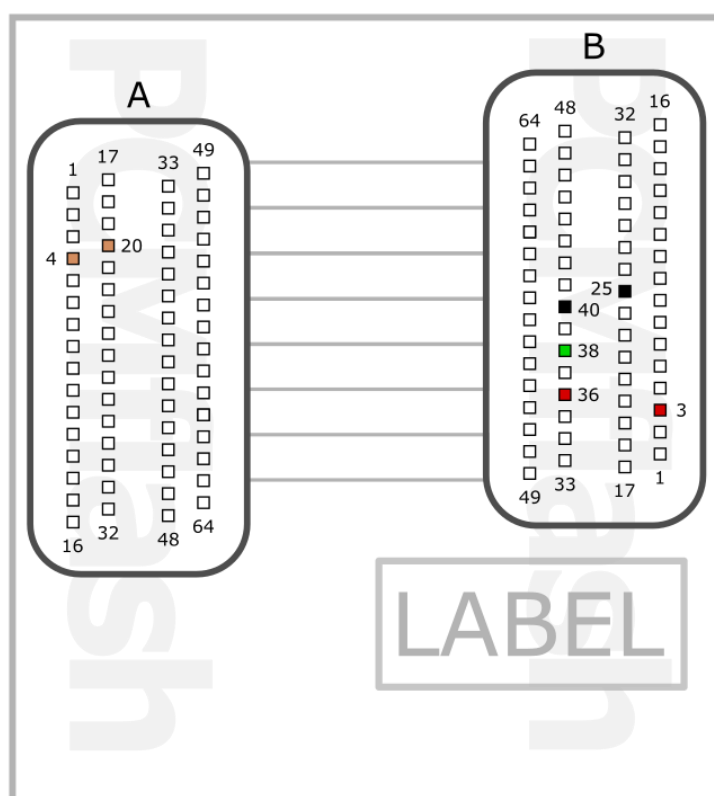
v.1

2021-07-31

PCMflash

Engine Control Unit

ME9.6



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

CADILLAC

SAAB

pcmflash.ru

v.1

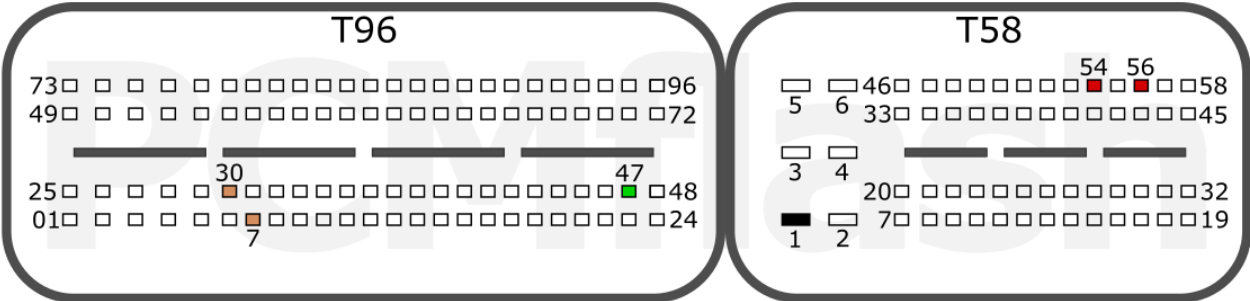
2022-07-09

PCMflash

Engine Control Unit

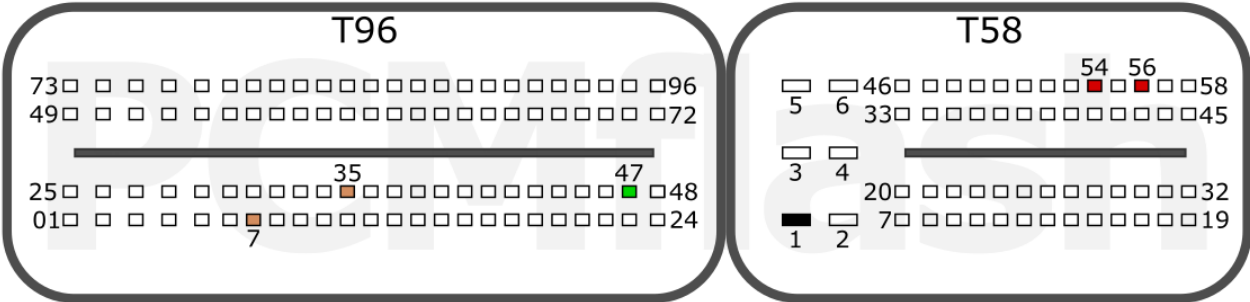
MED9.6/ME(D)9.6.1

Connection version 1



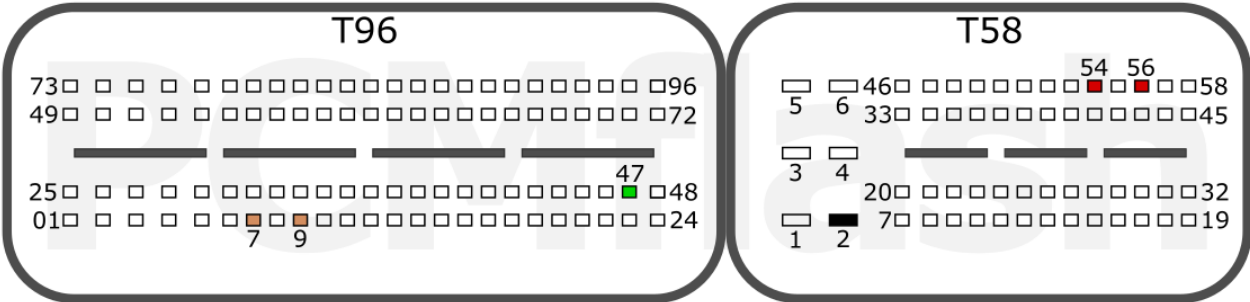
+12V	T58: 54, 56	GPT	T96: 7, 30
GND	T58: 1	K-LINE	T96: 47

Connection version 2



+12V	T58: 54, 56	GPT	T96: 7, 35
GND	T58: 1	K-LINE	T96: 47

Connection version 3



+12V	T58: 54, 56	GPT	T96: 7, 9
GND	T58: 2	K-LINE	T96: 47

FERRARI

GM

pcmflash.ru

v.3

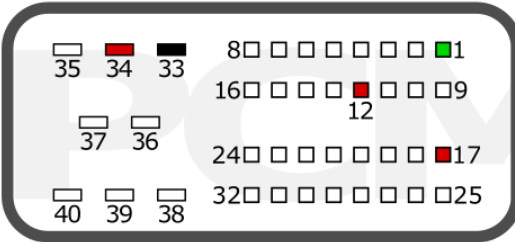
2026-09-08

PCMflash

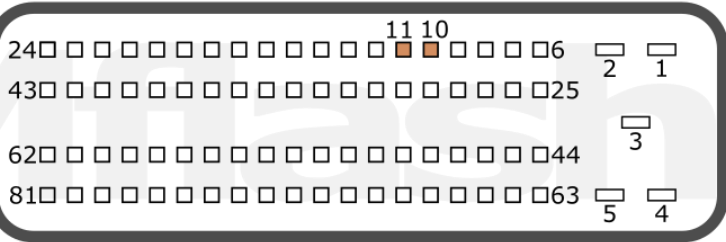
Engine Control Unit

ME9.6.2

T1



T2



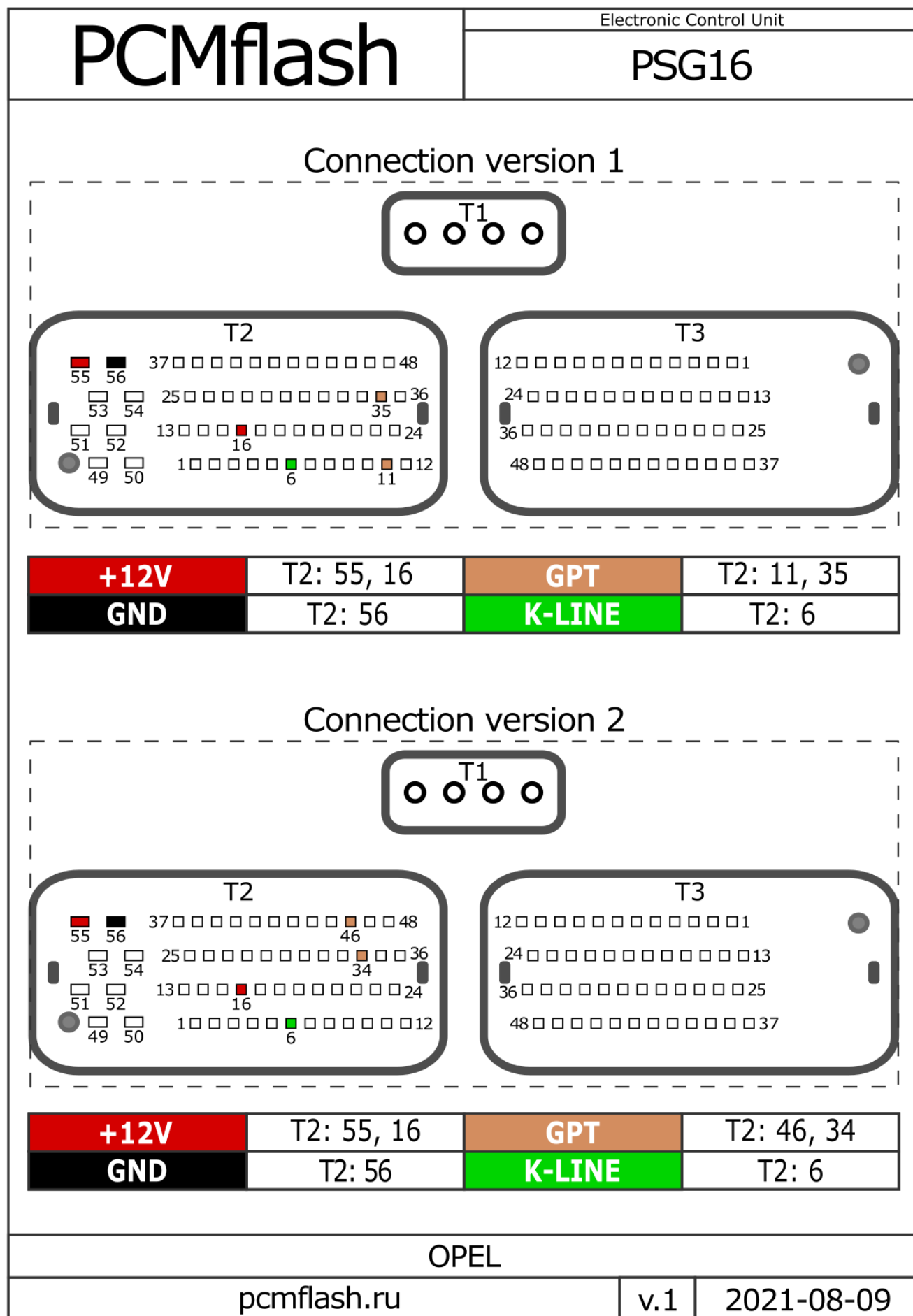
+12V	T1: 12, 17, 34	GPT	T2: 10, 11
GND	T1: 33	K-LINE	T1: 1

SUZUKI

pcmflash.ru

v.1

2024-01-08

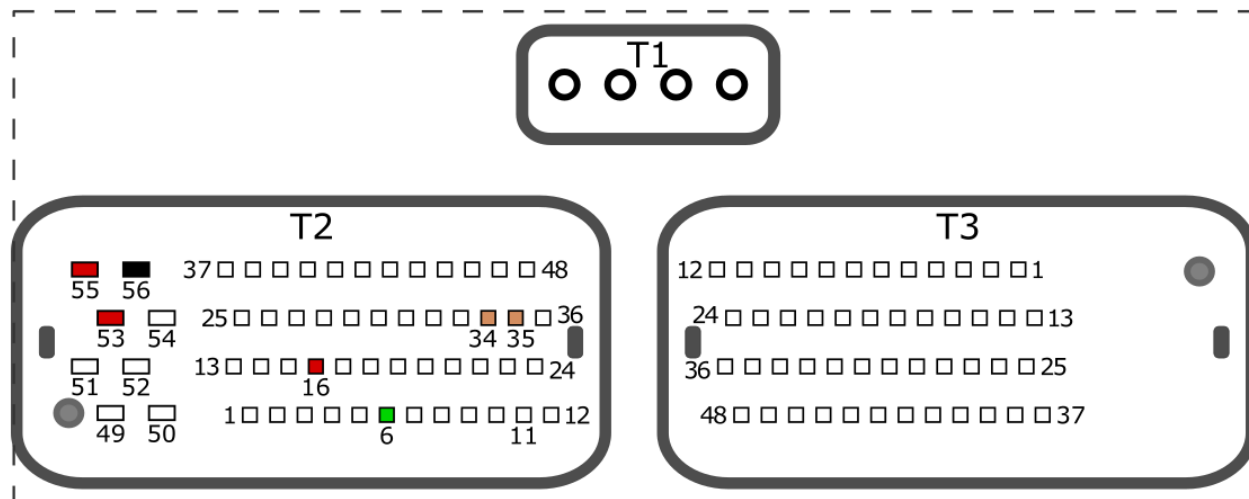


PCMflash

Electronic Control Unit

PSG16

Connection version 3



+12V	T2: 55, 53, 16	GPT	T2: 34, 35
GND	T2: 56	K-LINE	T2: 6

OPEL

pcmflash.ru

v.1

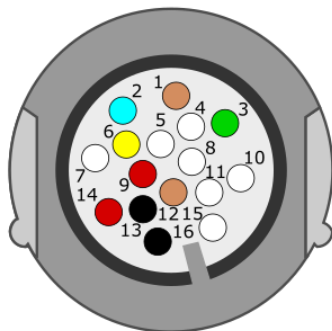
2023-09-10

PCMflash

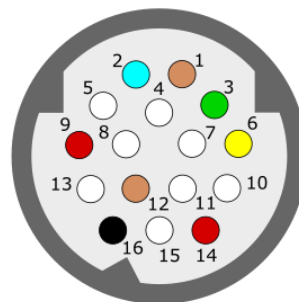
Transmission Control Unit

6HPxx Bosch TCU

Connection version 1



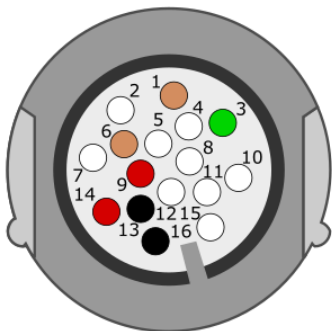
Type 1/Тип 1



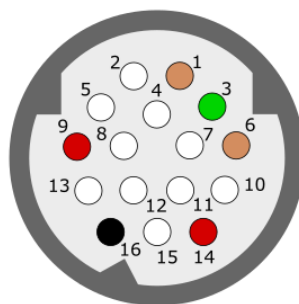
Type 2/Тип 2

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

Connection version 2



Type 1/Тип 1



Type 2/Тип 2

+12V	9, 14	GPT	1, 6
GND	13, 16	K-LINE	3

See the next page/Смотри следующую страницу

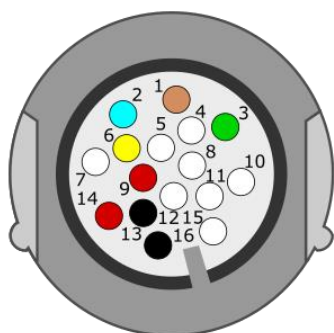
BMW	JLR	VAG
pcmflash.ru	v.2	2026-01-30

PCMflash

Transmission Control Unit

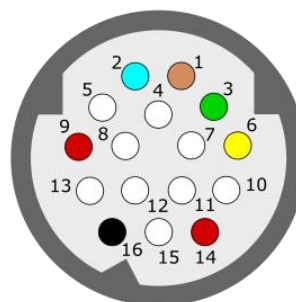
6HPxx Bosch TCU

Connection version 3



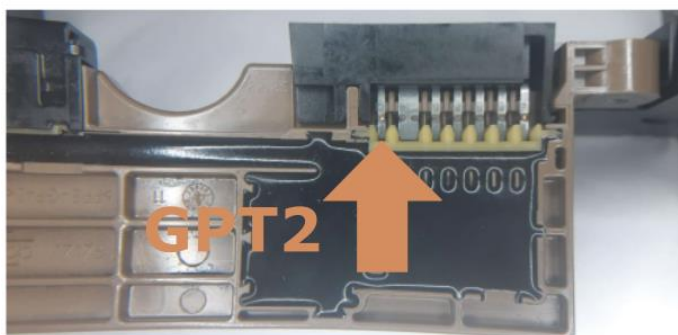
Type 1/Тип 1

GPT2
see below



Type 2/Тип 2

Position switch/Позиционер



Remove cap/Снять крышку



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

BMW

JLR

VAG

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v.2

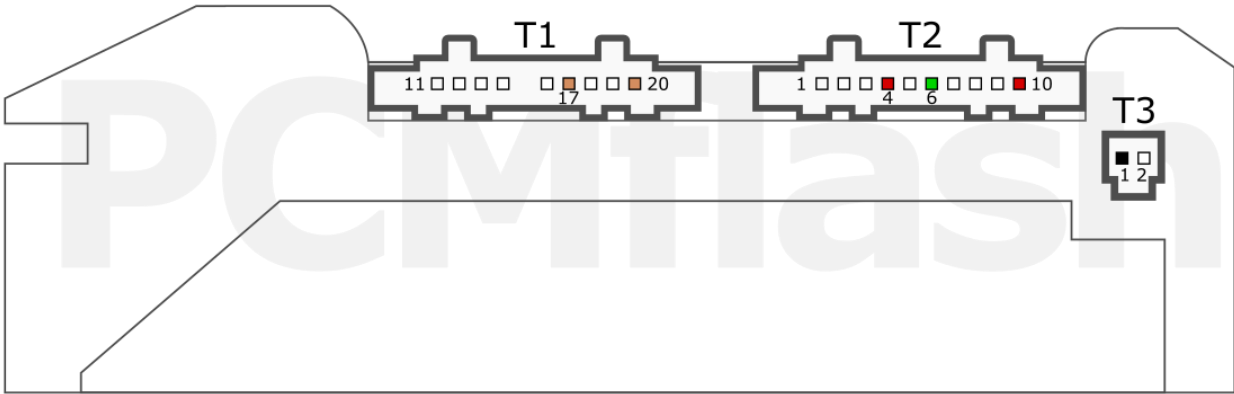
2026-01-30

PCMflash

Transmission Control Unit

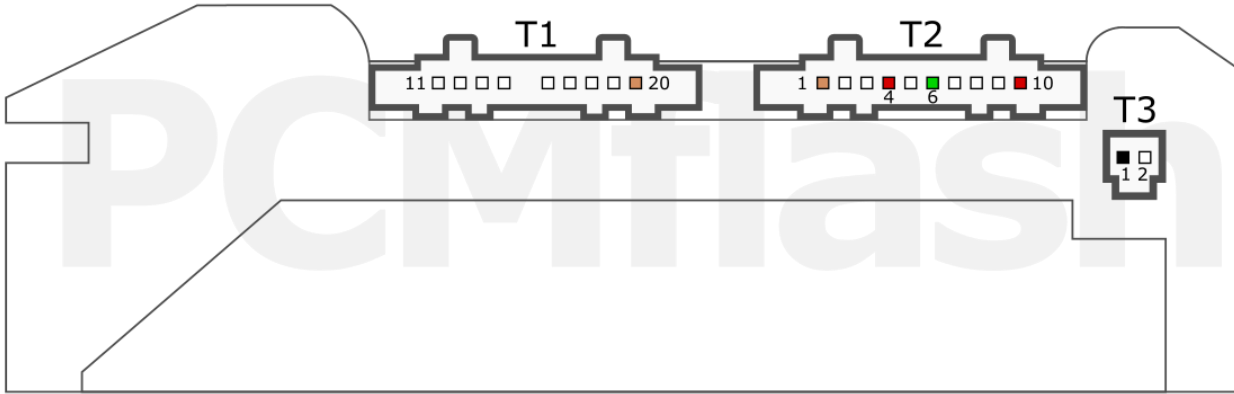
RE5R05A TCU

Connection version 1



+12V	T2:4, 10	GPT	T1:17, 20
GND	T3:1	K-LINE	T2:6

Connection version 2



+12V	T2:4, 10	GPT	T1: 20; T2:1
GND	T3:1	K-LINE	T2:6

NISSAN

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v.5

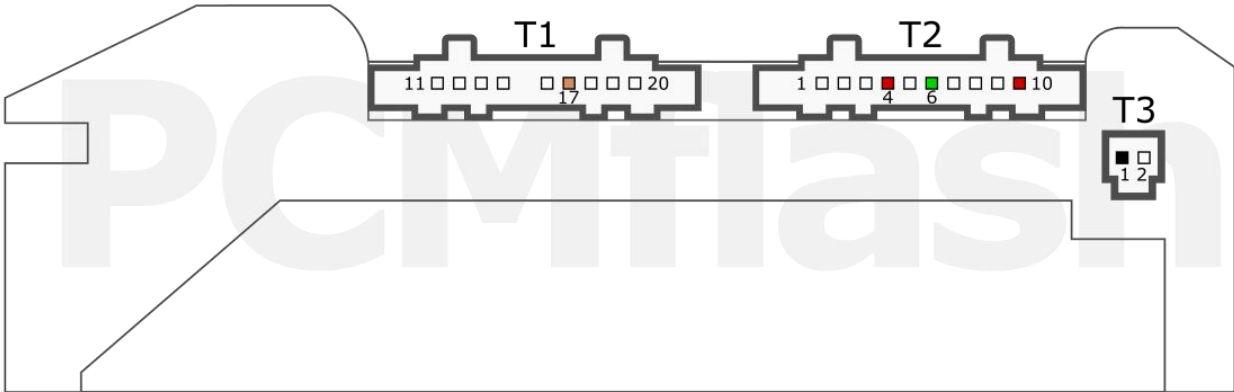
2026-07-27

PCMflash

Transmission Control Unit

RE5R05A 0260550002 TCU

Front side/Передняя сторона



+12V	T2:4, 10	GPT	T1:17
GND	T3:1	K-LINE	T2:6

Back side/Задняя сторона



See the next page/Смотри следующую страницу

NISSAN

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v.5

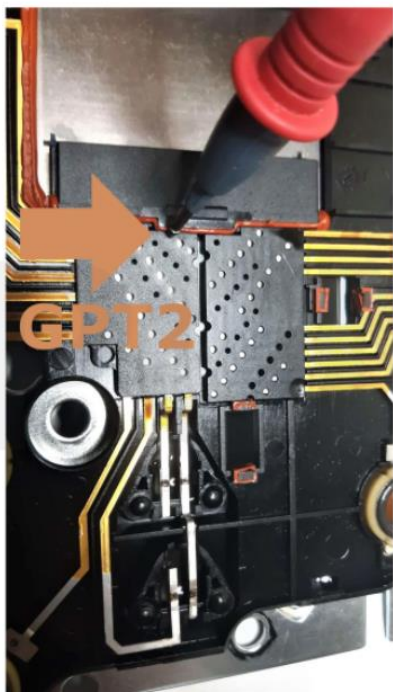
2026-07-27

PCMflash

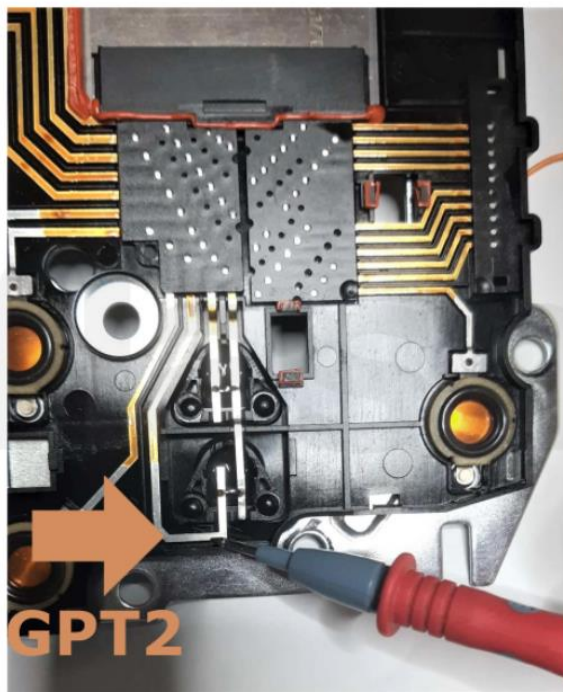
Transmission Control Unit

RE5R05A 0260550002 TCU

With the lid open/С открытой крышкой



Option 1/Вариант 1

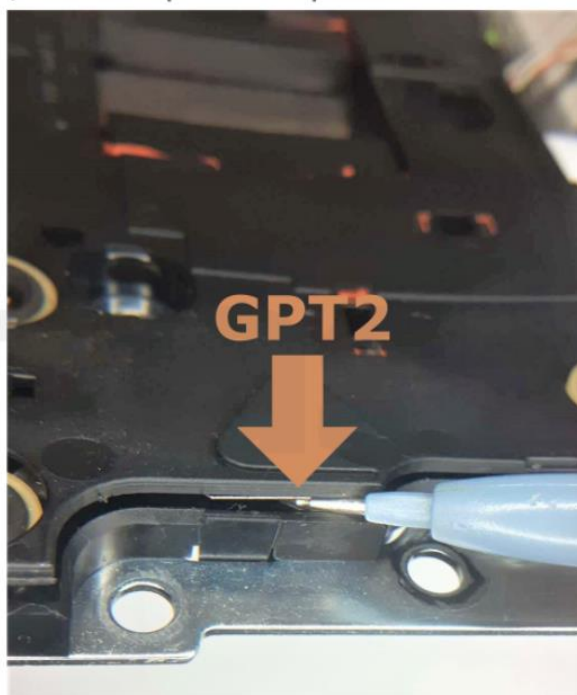


Option 2/Вариант 2

Without opening the lid/Без открытия крышки



Option 1/Вариант 1 (The best/ Лучший)



Option 2/Вариант 2

NISSAN

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v.3

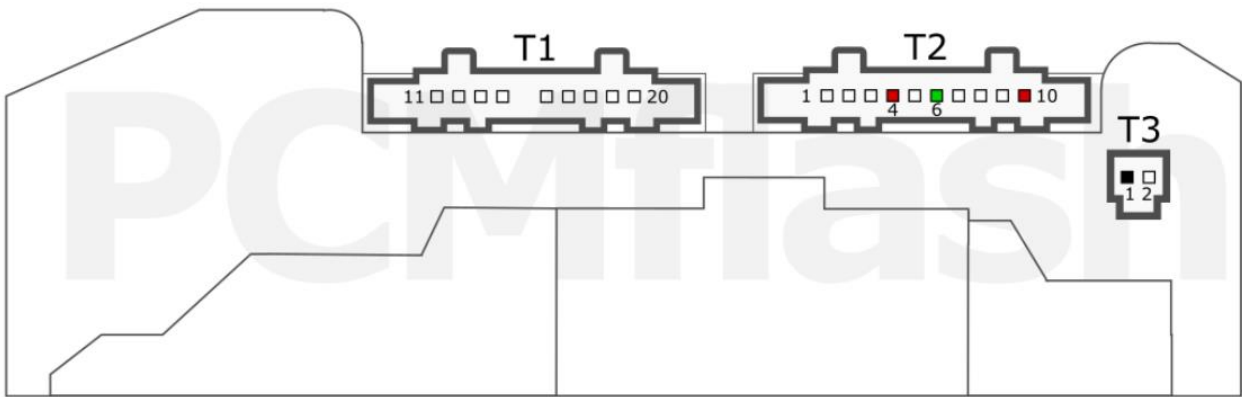
2021-12-08

PCMflash

Transmission Control Unit

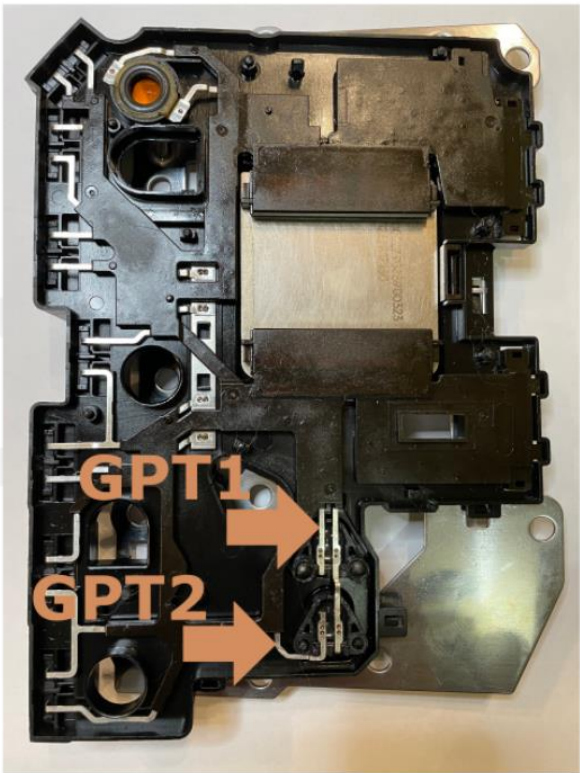
RE5R05A 0260550023 TCU

Front side/Передняя сторона



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

Back side/Задняя сторона



With the lid open/С открытой крышкой

NISSAN

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v.1

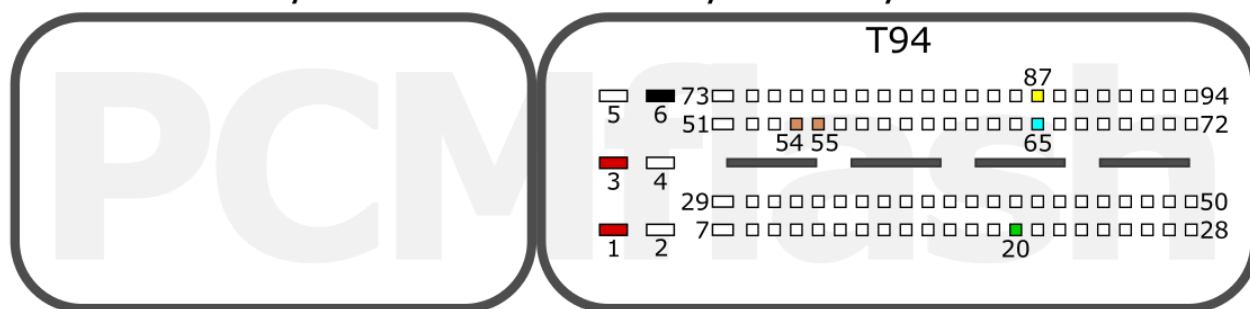
2021-12-08

PCMflash

Transmission Control Unit

TC14 TCU

KIA/HYUNDAI A5SR1/A5SR2/A6GF1



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

KIA/HYUNDAI

pcmflash.ru

v.1

2021-11-22