

PCMflash module 92

Bosch MD1/MG1 Bootloader

Contents/Оглавление

Contents/Оглавление.....	2
BENTLEY	4
MG1CS002	4
MG1CS163	5
BMW MD1CS001, MD1CP002/032, MG1CS003/024/201	6
CADILLAC T93.....	7
CHINA.....	8
MD1CS089	8
MG1CS080	9
MG1UA008 (UP8).....	10
MG1US008 (UD8)/MG1US018 (UD8PRO)/MG1US708.....	11
FORD	12
MD1CP006	12
MD1CS005	13
MD1CS015	14
MG1CS016/017	15
MG1CS018/019	16
MG1CS036	17
JLR MG1CS028.....	18
K/H MD1CS012.....	19
MAHINDRA/TATA MD1CS018	20
MB MD1CP001, MD1CP002	21
NISSAN/RENAULT/DACIA MD1CS006/MD1CS016.....	22
PORSCHE MG1CP007/CS047.....	23
PSA.....	24
MD1CS003, MG1CS032.....	24
MG1CS042	25
SUZUKI MG1CS026.....	26
VAG	27
MD1CP004/014	27
MD1CS004	28
MG1CS001/111	29
MG1CS002	30
MG1CS008	31
MG1CS011/MG1CA811.....	32

TRUCKS 33

 MD1CC878/CE100/CE101/CE108 33

 MD1CC878 (TYPE 2) 34

 MD1CE100C 35

 MD1CS069 36

 VD1CC001 37

MOTO 38

 MG1CA007 38

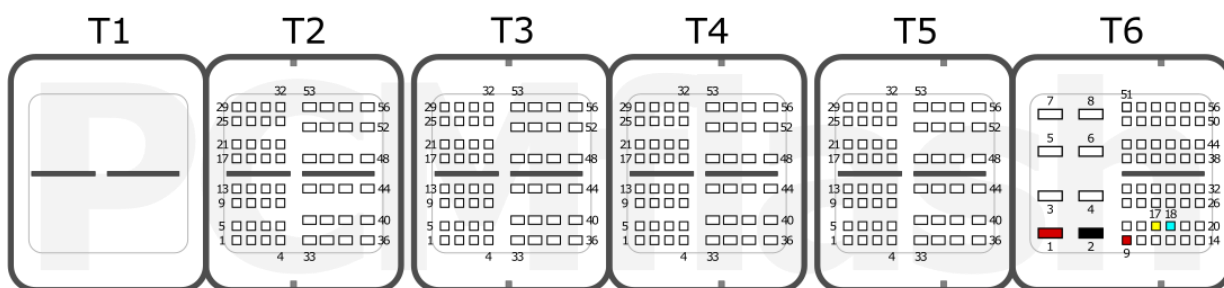
 MG1CA094 39

 MG1CA920 40

PCMflash

Engine Control Unit

MG1CS002



+12V	T6: 1; 9	CAN-L	T6: 18
GND	T6: 2	CAN-H	T6: 17

BENTLEY

pcmflash.ru

v.1

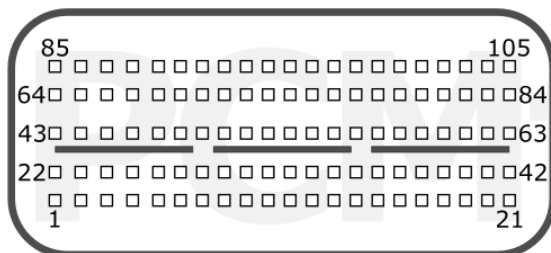
2023-09-24

PCMflash

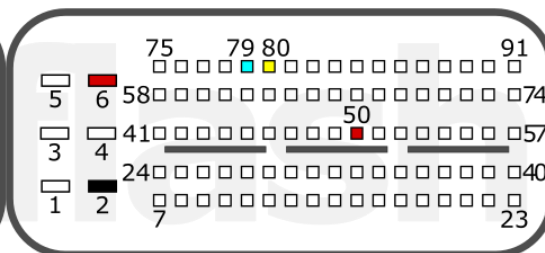
Engine Control Unit

MG1CS163

T105



T91



+12V	T91: 6, 50	CAN-L	T91: 79
GND	T91: 2	CAN-H	T91: 80

BENTLEY

pcmflash.ru

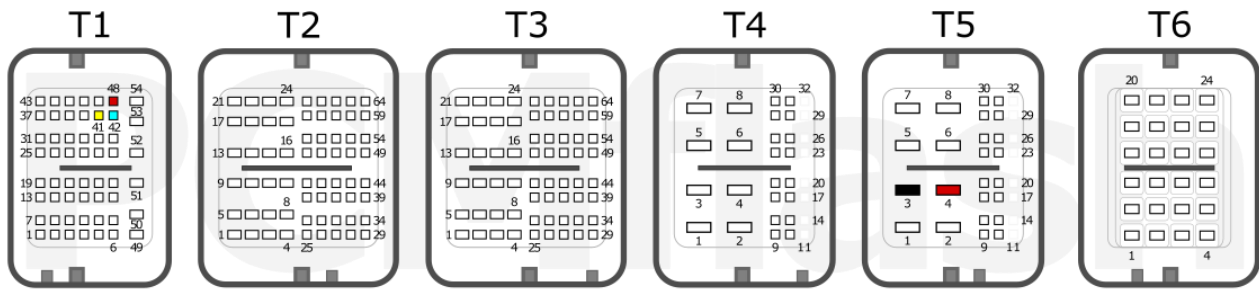
v.1

2023-09-24

PCMflash

Engine Control Unit

MD1CS001, MD1CP002/032,
MG1CS003/024/201



+12V	T1: 48; T5:4	CAN-L	T1: 42
GND	T5: 3	CAN-H	T1: 41

BMW

pcmflash.ru

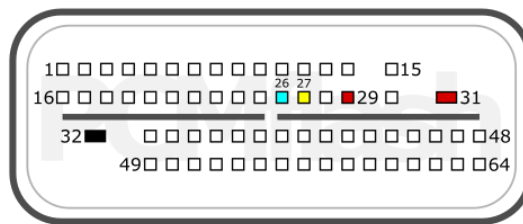
v.2

2024-12-11

PCMflash

Transmission Control Unit

T93



+12V	29, 31	CAN-L	26
GND	32	CAN-H	27

CADILLAC

pcmflash.ru

v.1

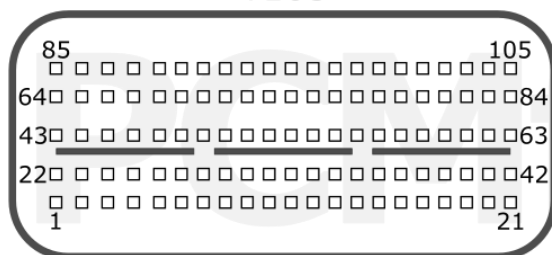
2024-12-11

PCMflash

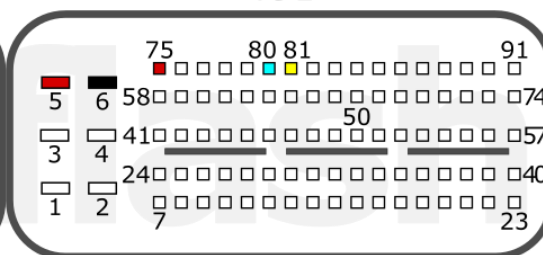
Engine Control Unit

MD1CS089

T105



T91



+12V	T91: 5, 75	CAN-L	T91: 80
GND	T91: 6	CAN-H	T91: 81

CHINA

pcmflash.ru

v.1

2023-09-17

PCMflash

Engine Control Unit

MG1CS080



+12V	T58: 2; 29	CAN-L	T58: 48
GND	T58: 5	CAN-H	T58: 35

VOLVO/LYNK&Co

pcmflash.ru

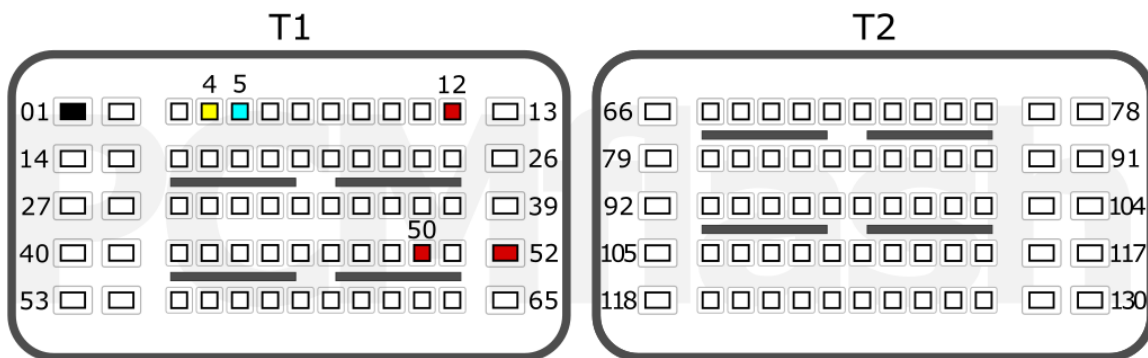
v.1

2023-09-24

PCMflash

Transmission Control Unit

MG1UA008 (UP8)



+12V	T1: 12, 50, 52	CAN-L	T1: 5
GND	T1: 1	CAN-H	T1: 4

CHINA

pcmflash.ru

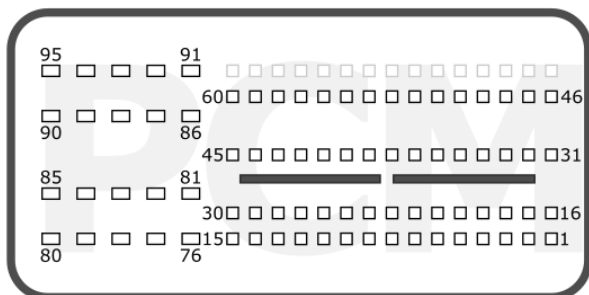
v.1

2024-03-01

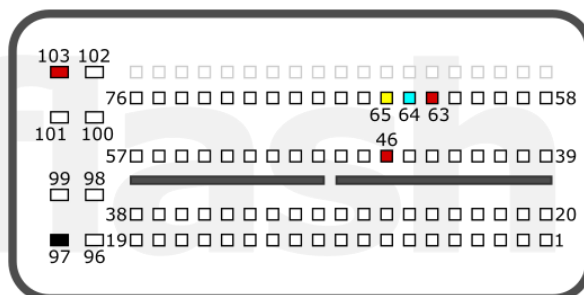
PCMflash

Engine Control Unit
 MG1US008 (UD8)/MG1US018 (UD8PRO)/
 MG1US708

T1



T2



+12V	T2: 103, 63, 46	CAN-L	T2: 64
GND	T2: 97	CAN-H	T2: 65

GAC

LYNK&CO

pcmflash.ru

v.2

2024-03-01

PCMflash

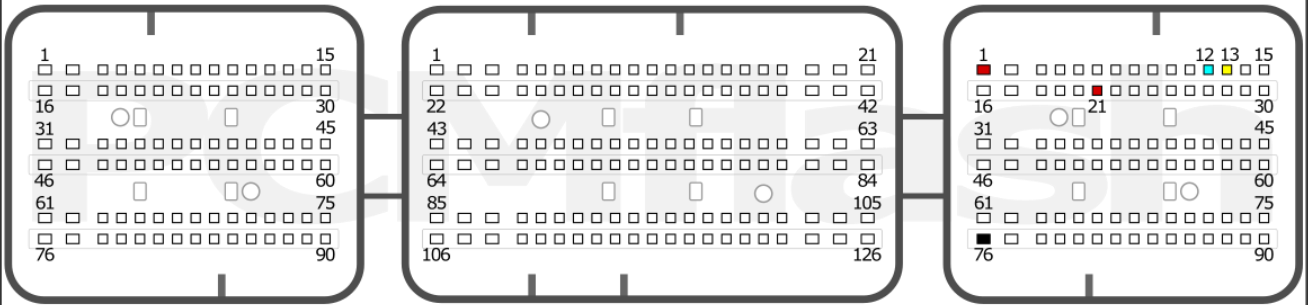
Engine Control Unit

MD1CP006

TRANS

ENG

VEH



+12V	VEH: 1, 21	CAN-L	VEH: 12
GND	VEH: 76	CAN-H	VEH: 13

FORD

pcmflash.ru

v.1

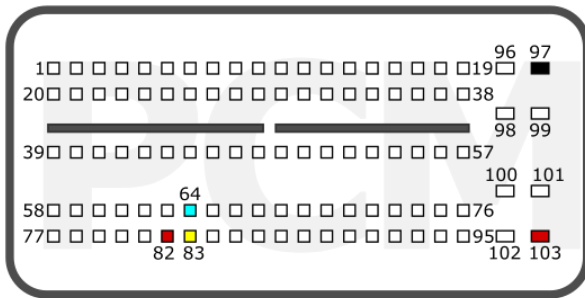
2023-09-10

PCMflash

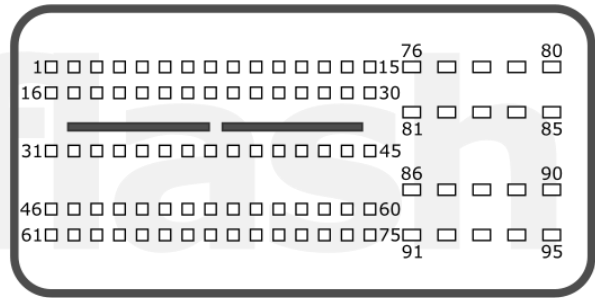
Engine Control Unit

MD1CS005

T1



T2



+12V	T1: 82, 103	CAN-L	T1: 64
GND	T1: 97	CAN-H	T1: 83

FORD

pcmflash.ru

v.1

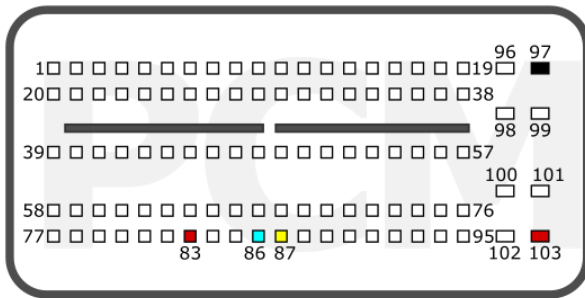
2023-09-10

PCMflash

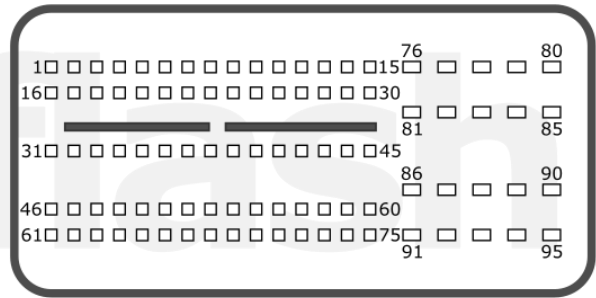
Engine Control Unit

MD1CS015

T1



T2



+12V	T1: 83, 103	CAN-L	T1: 86
GND	T1: 97	CAN-H	T1: 87

FORD

pcmflash.ru

v.1

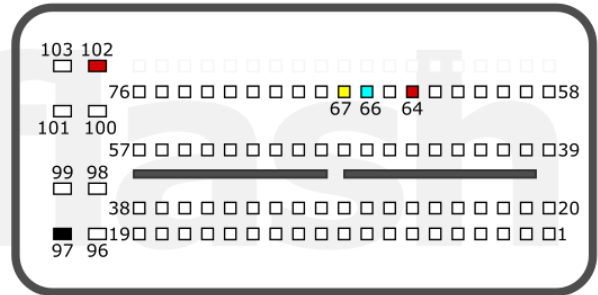
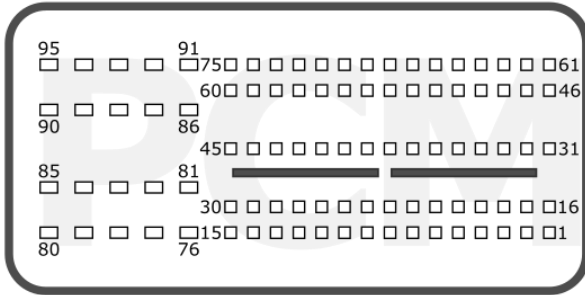
2023-09-10

PCMflash

Engine Control Unit

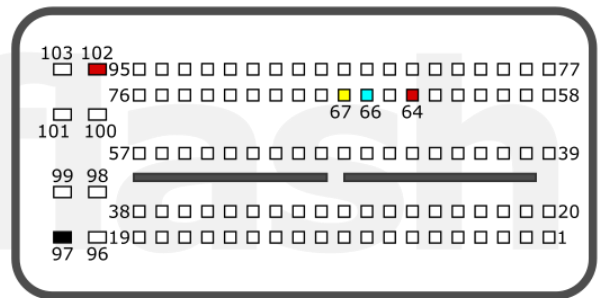
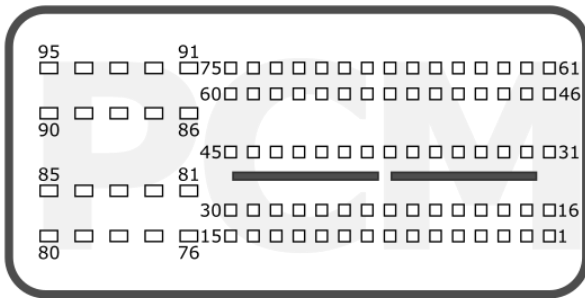
MG1CS016/017

T1 MG1CS016 T2



+12V	T2: 102, 64	CAN-L	T2: 66
GND	T2: 97	CAN-H	T2: 67

T1 MG1CS017 T2



+12V	T2: 102, 64	CAN-L	T2: 66
GND	T2: 97	CAN-H	T2: 67

FORD

pcmflash.ru

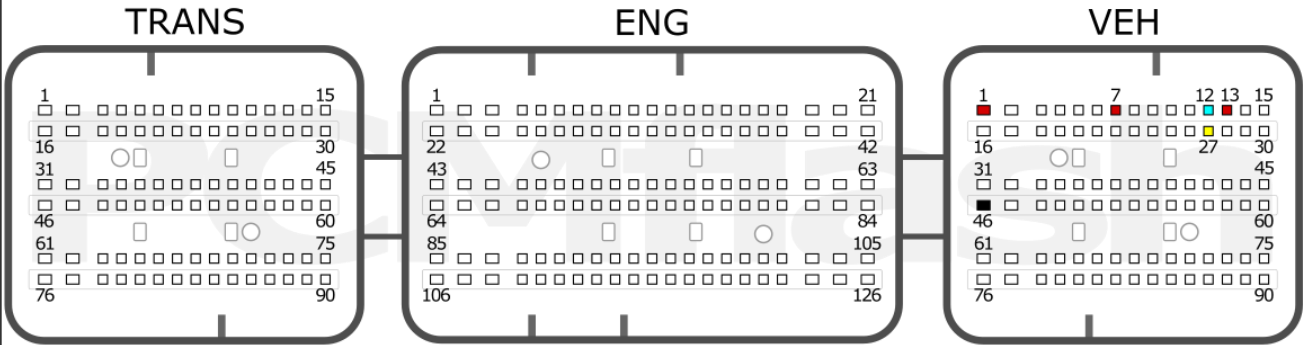
v.2

2023-09-17

PCMflash

Engine Control Unit

MG1CS018/019



+12V	VEH: 1, 7, 13	CAN-L	VEH: 12
GND	VEH: 46	CAN-H	VEH: 27

FORD

pcmflash.ru

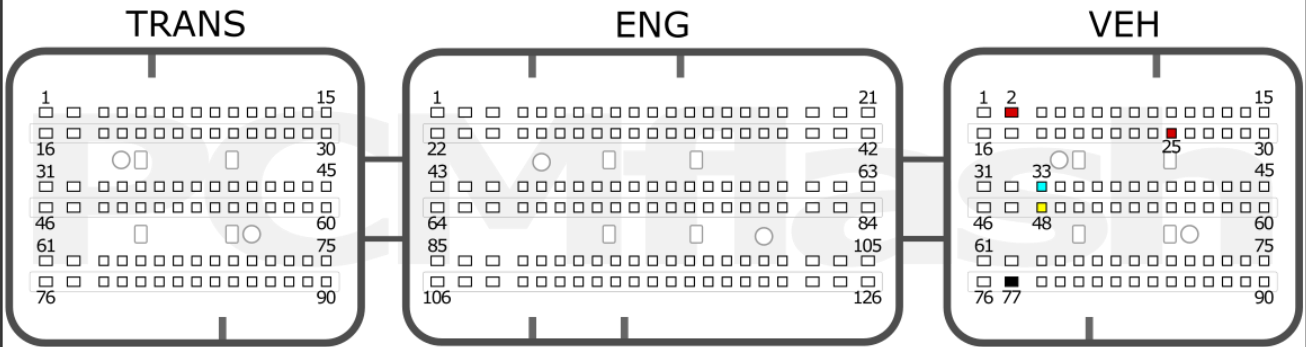
v.1

2023-09-10

PCMflash

Engine Control Unit

MG1CS036



+12V	VEH: 2, 25	CAN-L	VEH: 33
GND	VEH: 77	CAN-H	VEH: 48

FORD

pcmflash.ru

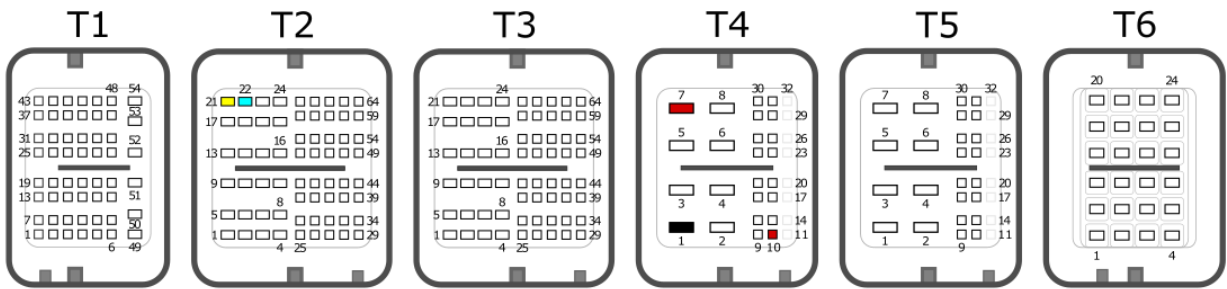
v.1

2023-10-21

PCMflash

Engine Control Unit

MG1CS028



+12V	T4: 7, 10	CAN-L	T2: 22
GND	T4: 1	CAN-H	T2: 21

JLR

pcmflash.ru

v.1

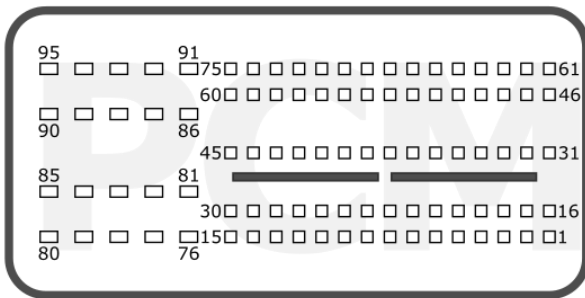
2025-04-22

PCMflash

Engine Control Unit

MD1CS012

T1



T2



+12V	T2: 103, 42	CAN-L	T2: 82
GND	T2: 97	CAN-H	T2: 83

K/H

pcmflash.ru

v.1

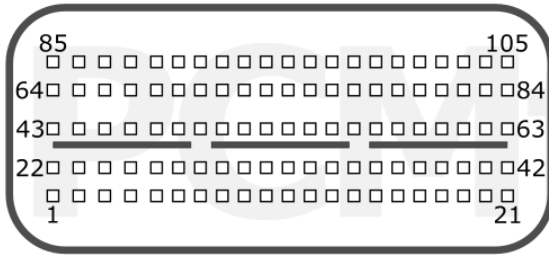
2023-09-17

PCMflash

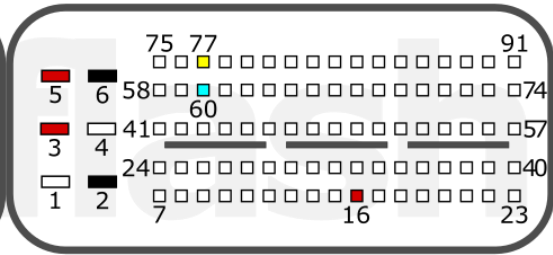
Engine Control Unit

MD1CS018

T105



T91



+12V	T91: 3, 5, 16	CAN-L	T91: 60
GND	T91: 2, 6	CAN-H	T91: 77

MAHINDRA

TATA

pcmflash.ru

v.1

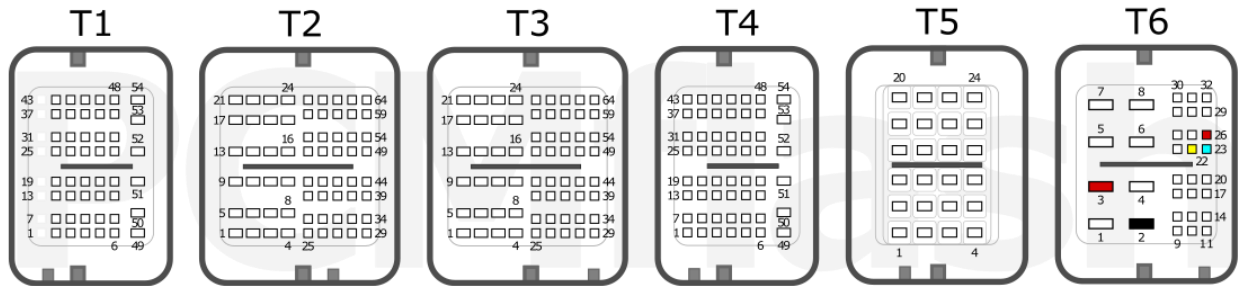
2023-10-22

PCMflash

Engine Control Unit

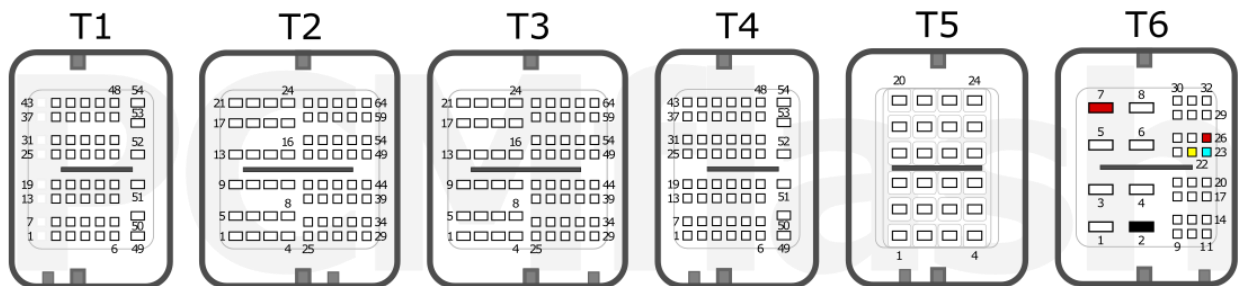
MD1CP001, MG1CP002

MD1CP001



+12V	T6: 3, 26	CAN-L	T6: 23
	GND		T6: 2

MG1CP002



+12V	T6: 7, 26	CAN-L	T6: 23
	GND		T6: 2

MB

pcmflash.ru

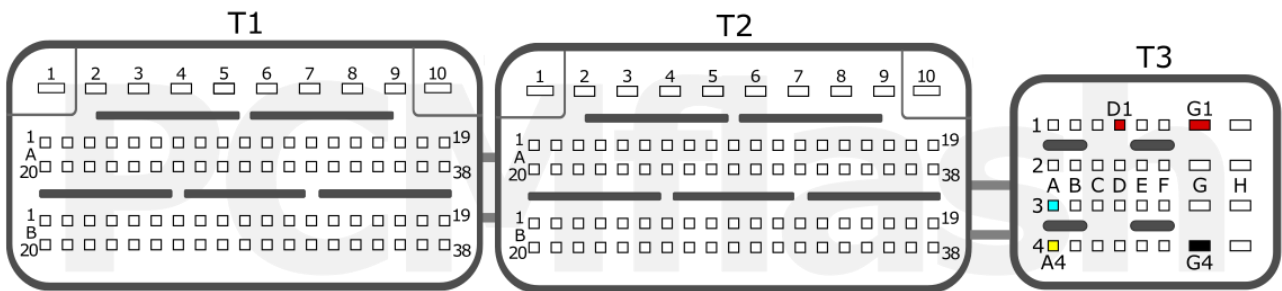
v.1

2023-09-10

PCMflash

Engine Control Unit

MD1CS006/MD1CS016



+12V	T3: D1; G1	CAN-L	T3: A3
GND	T3: G4	CAN-H	T3: A4

NISSAN/RENAULT/DACIA

pcmflash.ru

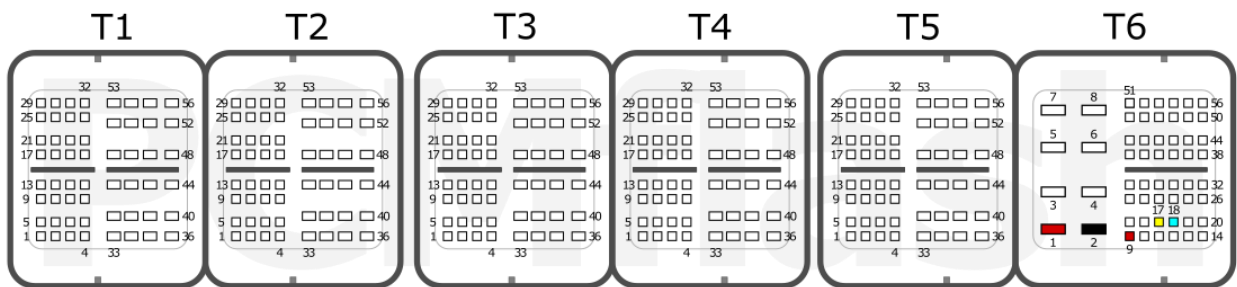
v.2

2023-10-29

PCMflash

Engine Control Unit

MG1CP007/CS047



+12V	T6: 1; 9	CAN-L	T6: 18
GND	T6: 2	CAN-H	T6: 17

PORSCHE

pcmflash.ru

v.2

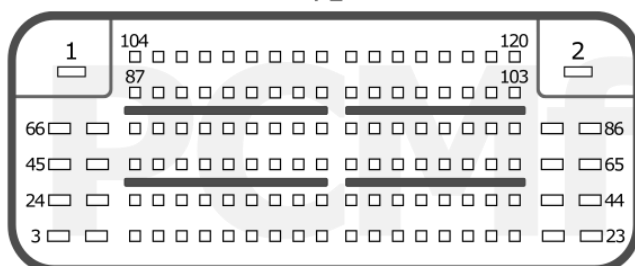
2024-01-08

PCMflash

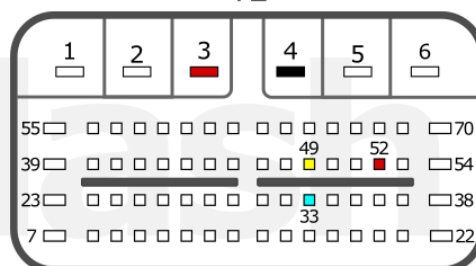
Engine Control Unit

MD1CS003, MG1CS032

T1



T2



+12V	T2: 3, 52	CAN-L	T2: 33
GND	T2: 4	CAN-H	T2: 49

PSA

pcmflash.ru

v.1

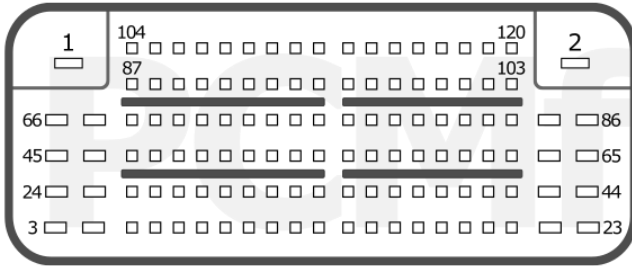
2023-09-17

PCMflash

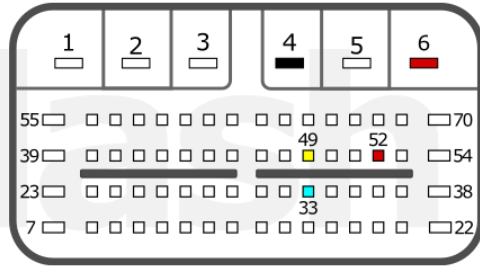
Engine Control Unit

MG1CS042

T1



T2



+12V	T2: 6, 52	CAN-L	T2: 33
GND	T2: 4	CAN-H	T2: 49

PSA

pcmflash.ru

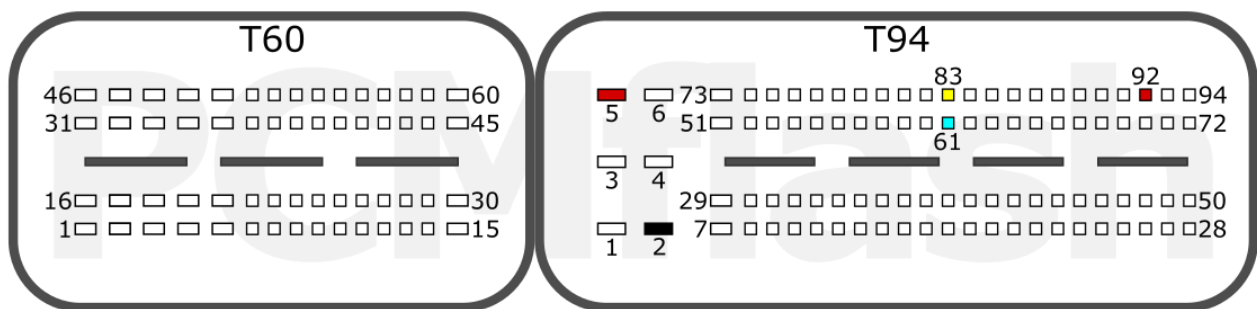
v.1

2023-09-17

PCMflash

Engine Control Unit

MG1CS026



+12V	T94: 5; 92	CAN-L	T94: 61
GND	T94: 2	CAN-H	T94: 83

SUZUKI

pcmflash.ru

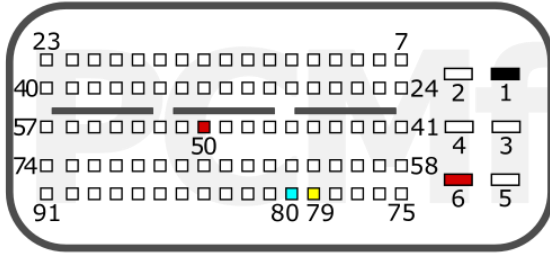
v.1

2023-09-24

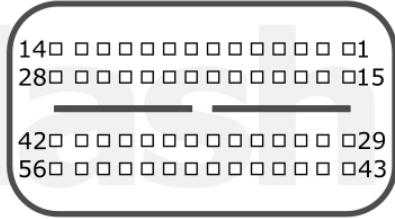
PCMflash

Engine Control Unit

MD1CP004/014

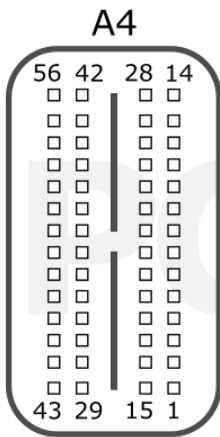


K

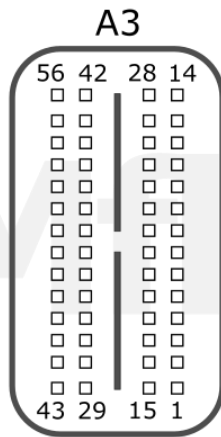


A1

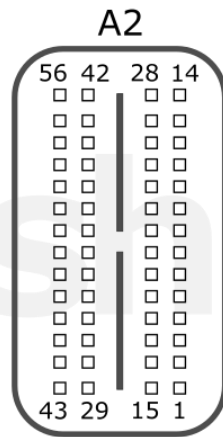
LABEL



A4



A3



A2

+12V	K: 6, 50	CAN-L	K: 80
GND	K: 1	CAN-H	K: 79

VAG

pcmflash.ru

v.1

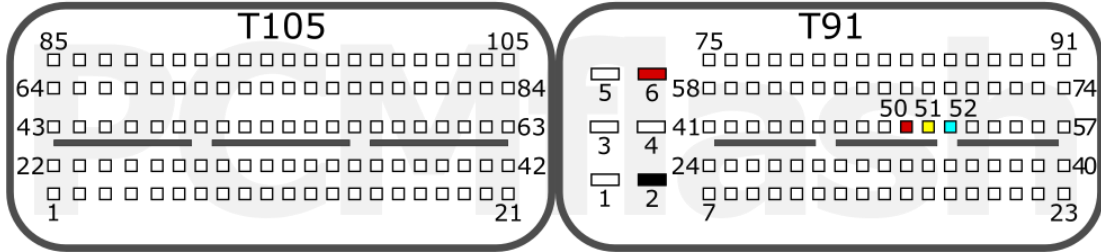
2023-09-17

PCMflash

Engine Control Unit

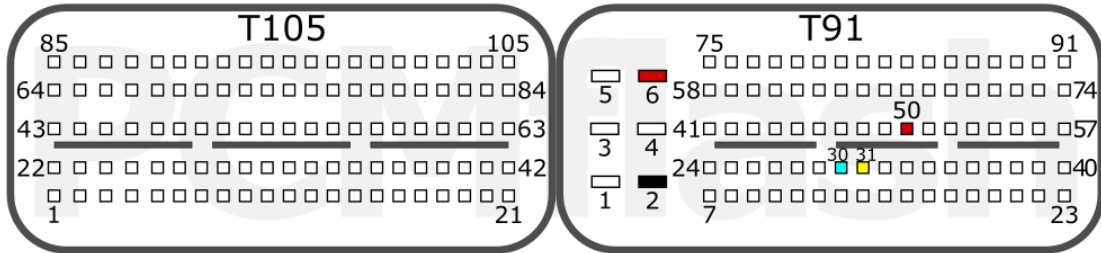
MD1CS004

HW: H22



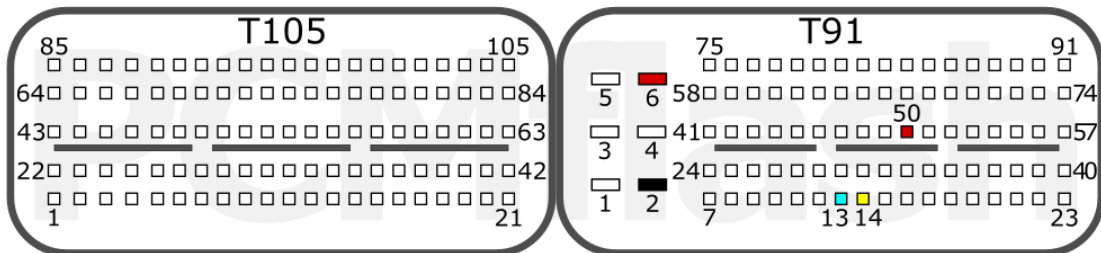
+12V	T91: 6, 50	CAN-L	T91: 52
GND	T91: 2	CAN-H	T91: 51

HW: H30



+12V	T91: 6, 50	CAN-L	T91: 30
GND	T91: 2	CAN-H	T91: 31

Connection version 3



+12V	T91: 6, 50	CAN-L	T91: 13
GND	T91: 2	CAN-H	T91: 14

VAG

pcmflash.ru

v.1

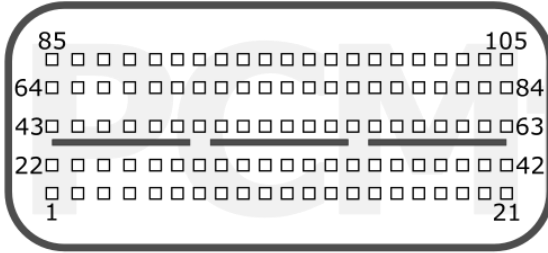
2023-09-17

PCMflash

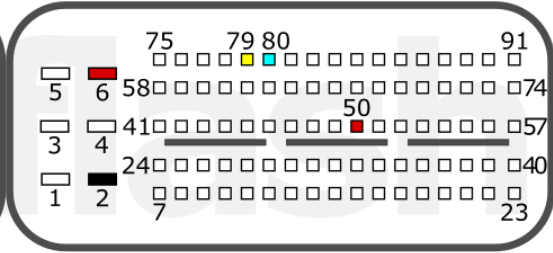
Engine Control Unit

MG1CS001/111

T105



T91



+12V	T91: 6, 50	CAN-L	T91: 80
GND	T91: 2	CAN-H	T91: 79

VAG

pcmflash.ru

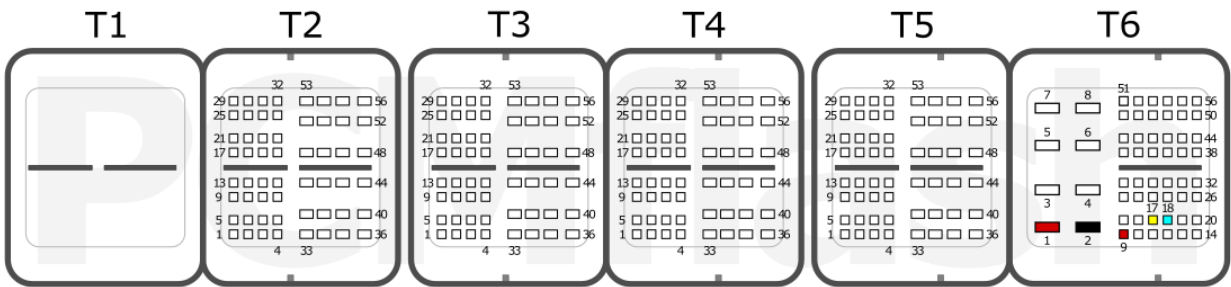
v.1

2023-09-17

PCMflash

Engine Control Unit

MG1CS002



+12V	T6: 1; 9	CAN-L	T6: 18
GND	T6: 2	CAN-H	T6: 17

VAG

pcmflash.ru

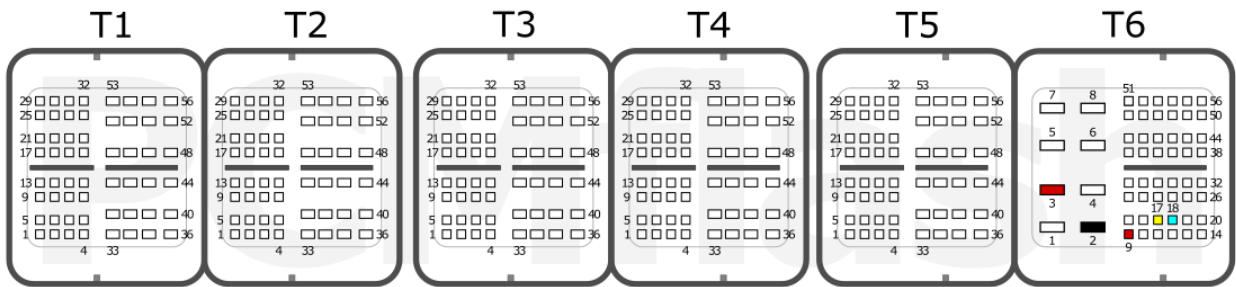
v.1

2023-09-17

PCMflash

Engine Control Unit

MG1CS008



+12V	T6: 3; 9	CAN-L	T6: 18
GND	T6: 2	CAN-H	T6: 17

VAG

pcmflash.ru

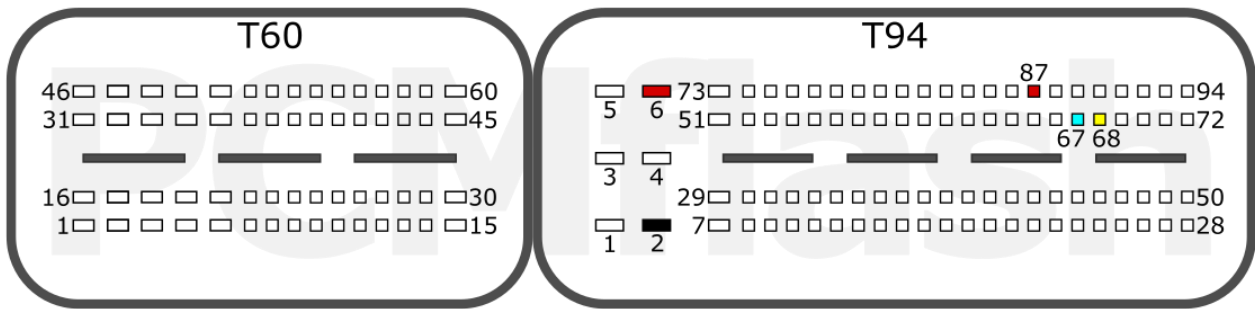
v.1

2023-09-17

PCMflash

Engine Control Unit

MG1CS011/MG1CA811



+12V	T94: 6; 87	CAN-L	T94: 67
GND	T94: 2	CAN-H	T94: 68

VAG

pcmflash.ru

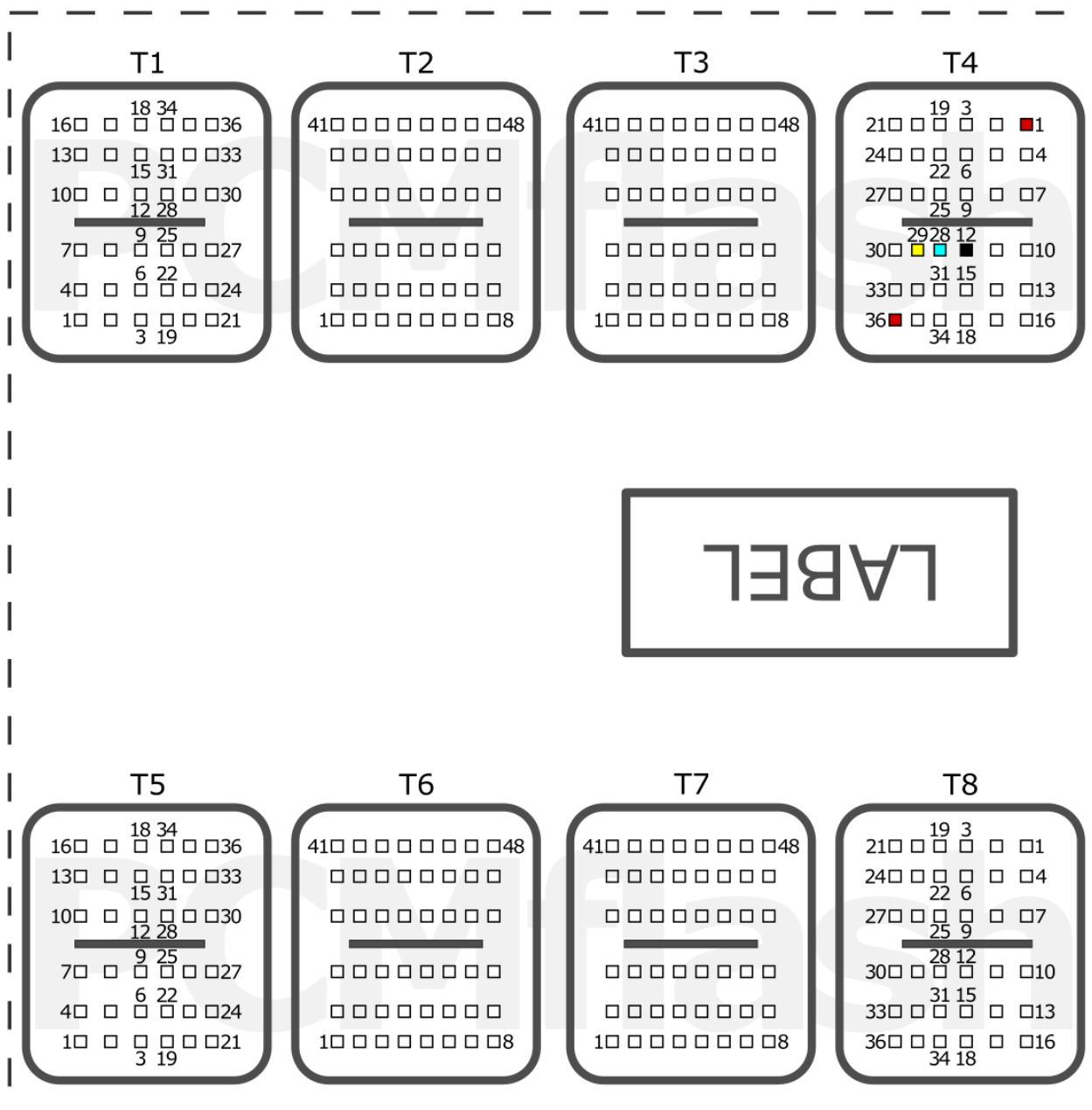
v.2

2024-10-15

PCMflash

Engine Control Unit

MD1CC878/CE100/CE101/CE108



+12V	T4: 1, 36	CAN-L	T4: 28
GND	T4: 12	CAN-H	T4: 29

TRUCKS

pcmflash.ru

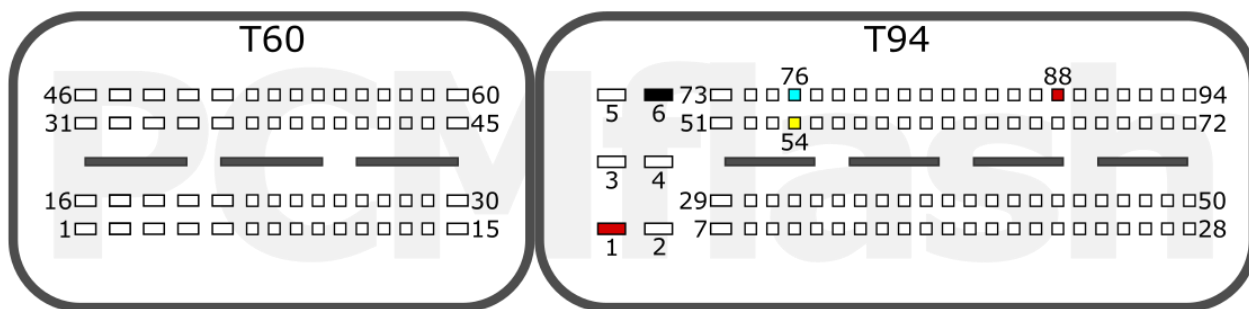
v.1

2023-09-24

PCMflash

Engine Control Unit

MD1CC878 (TYPE 2)



+12V	T94: 1; 88	CAN-L	T94: 76
GND	T94: 6	CAN-H	T94: 54

TRUCKS

pcmflash.ru

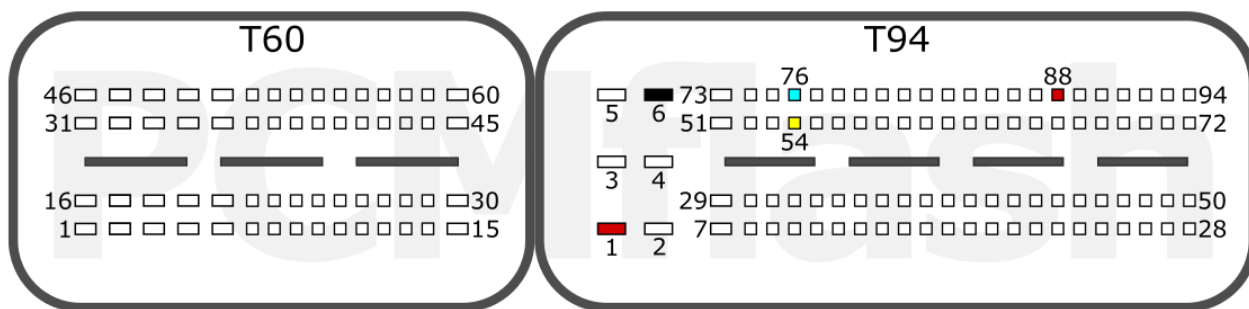
v.1

2023-09-23

PCMflash

Engine Control Unit

MD1CE100C



+12V	T94: 1; 88	CAN-L	T94: 76
GND	T94: 6	CAN-H	T94: 54

DEUTZ

pcmflash.ru

v.1

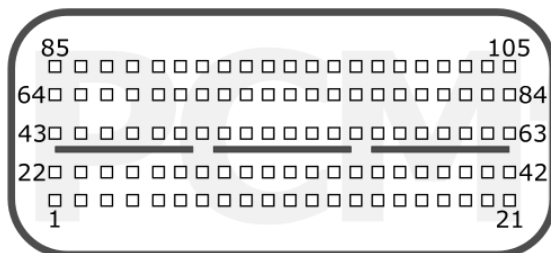
2023-09-23

PCMflash

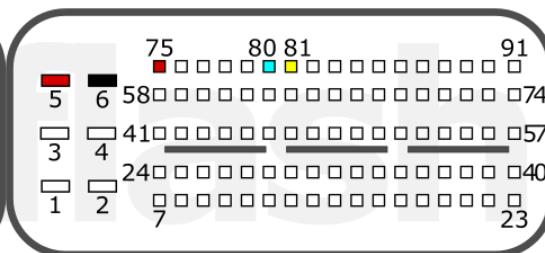
Engine Control Unit

MD1CS069

T105



T91



+12V	T91: 5, 75	CAN-L	T91: 80
GND	T91: 6	CAN-H	T91: 81

CNH

pcmflash.ru

v.1

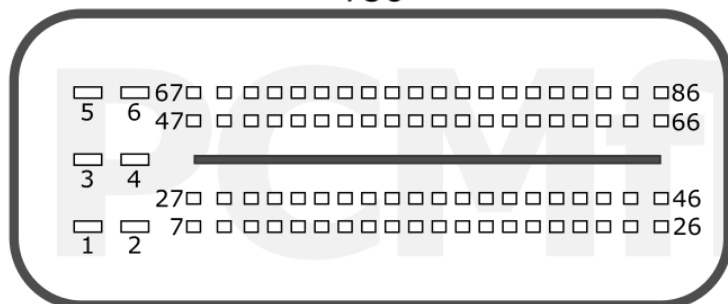
2023-09-23

PCMflash

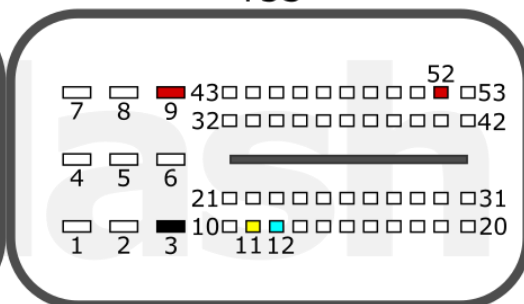
AdBlue Control Unit

VD1CC001

T86



T53



+12V	T53: 9, 52	CAN-L	T53: 15
GND	T53: 3	CAN-H	T53: 14

TRUCKS

pcmflash.ru

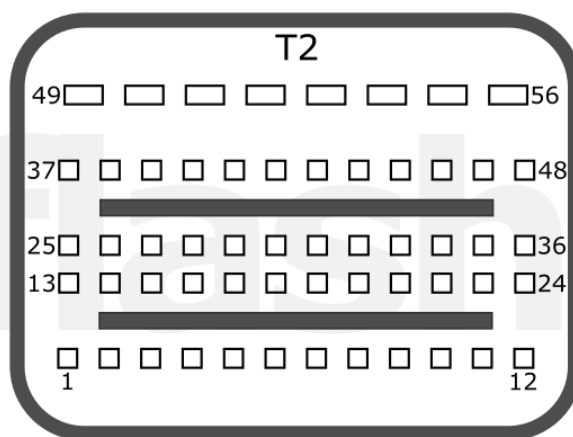
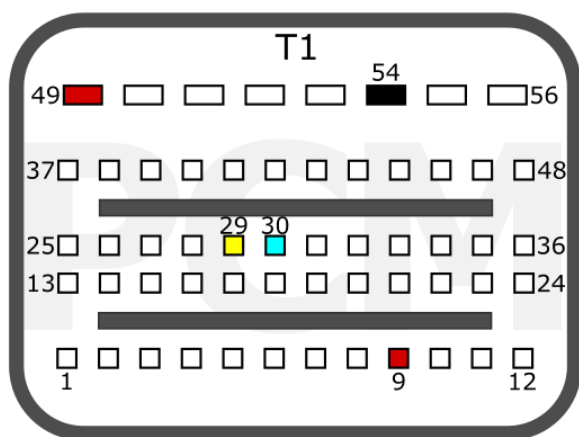
v.1

2024-08-07

PCMflash

Engine Control Unit

MG1CA007



+12V	T1: 9, 49	CAN-L	T1: 30
GND	T1: 54	CAN-H	T1: 29

POLARIS

pcmflash.ru

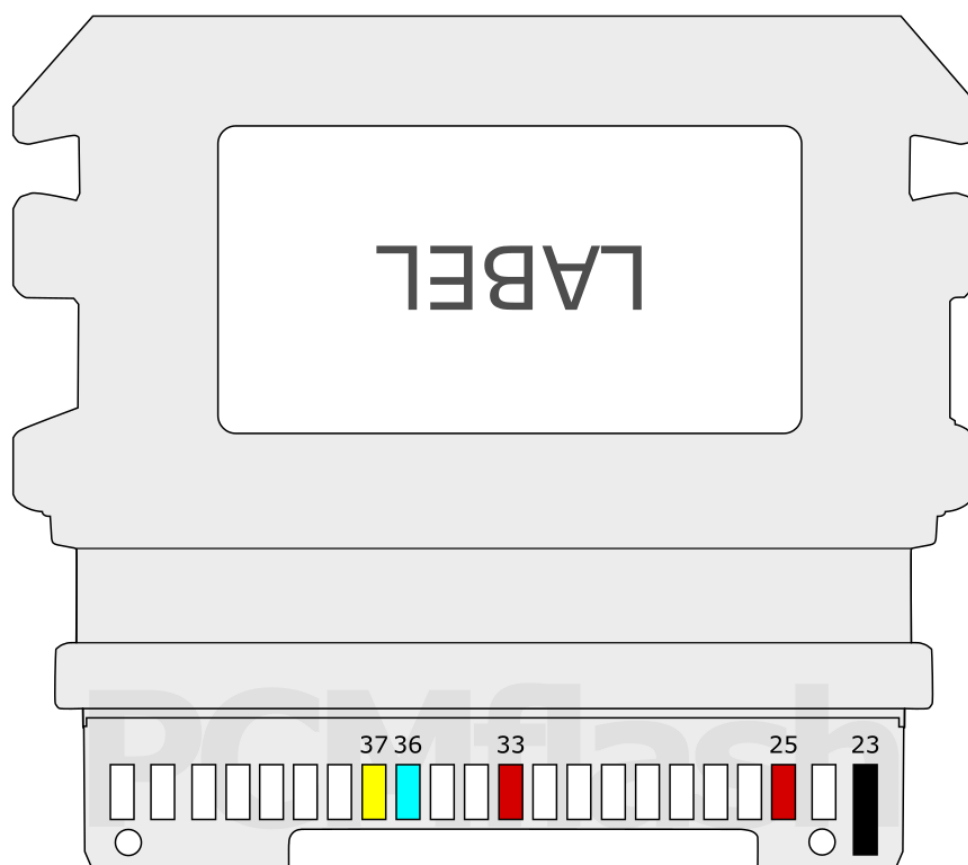
v.1

2023-09-23

PCMflash

Engine Control Unit

MG1CA094



+12V	25; 33	CAN-L	36
GND	23	CAN-H	37

KTM

pcmflash.ru

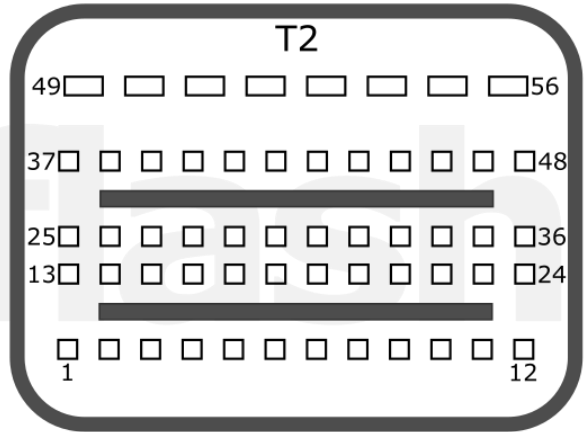
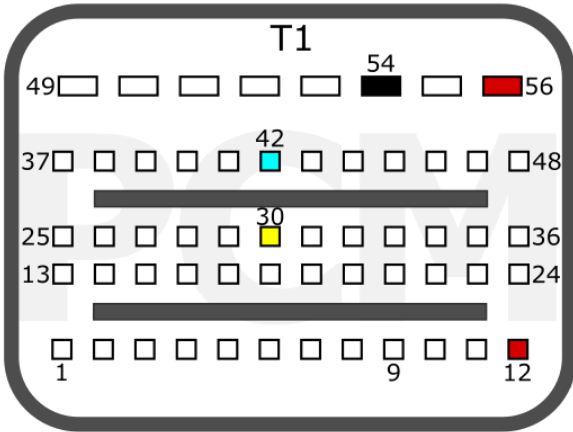
v.1

2023-10-21

PCMflash

Engine Control Unit

MG1CA920



+12V	T1: 12, 56	CAN-L	T1: 42
GND	T1: 54	CAN-H	T1: 30

CAN-AM

pcmflash.ru

v.1

2023-09-24