

# PCMflash module 92

Bosch MD1/MG1 Bootloader

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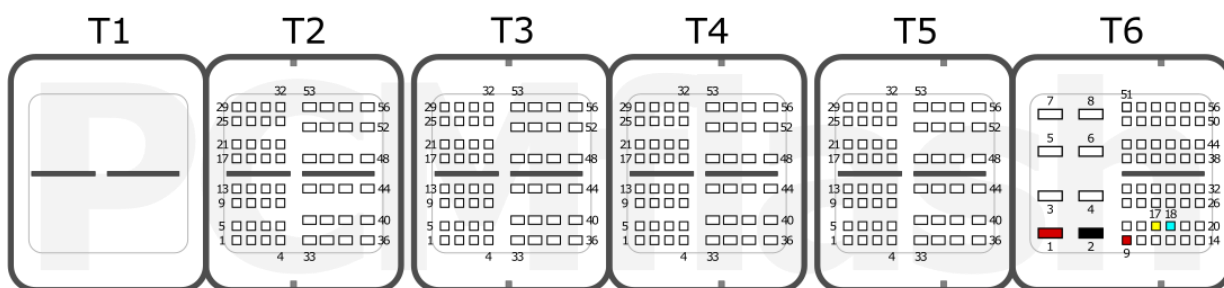
MG1CA094 ..... 36

MG1CA920 ..... 37

# PCMflash

Engine Control Unit

## MG1CS002



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

BENTLEY

pcmflash.ru

v.1

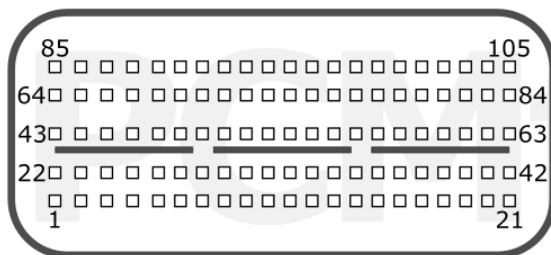
2023-09-24

# PCMflash

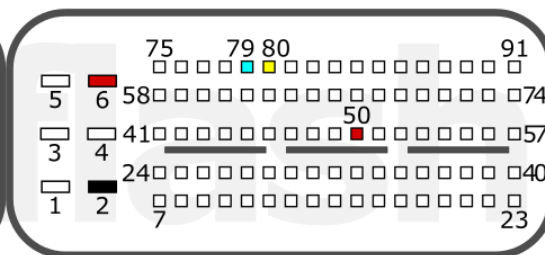
Engine Control Unit

## MG1CS163

T105



T91



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

BENTLEY

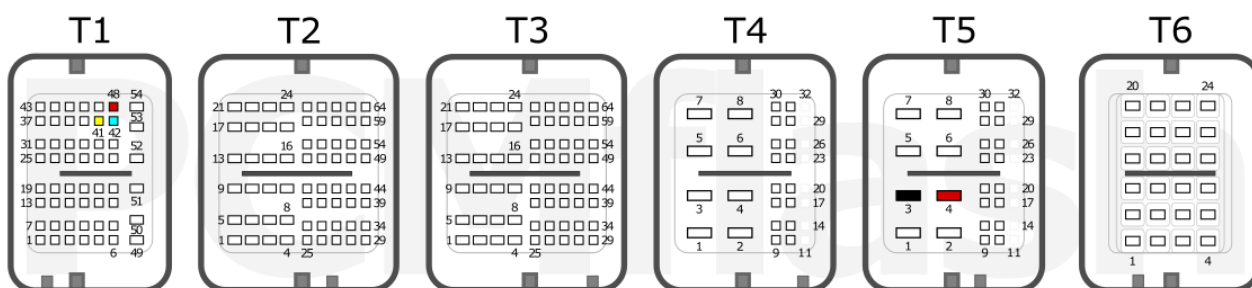
pcmflash.ru

v.1

2023-09-24

# PCMflash

Engine Control Unit  
 MD1CS001, MD1CP002,  
 MG1CS003/024/201



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

BMW

pcmflash.ru

v.1

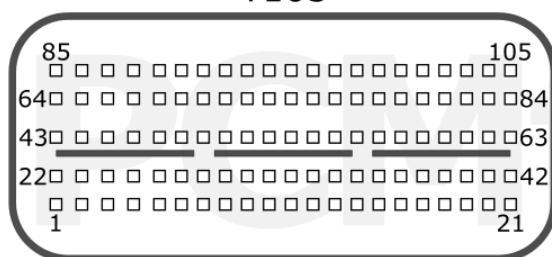
2023-09-03

# PCMflash

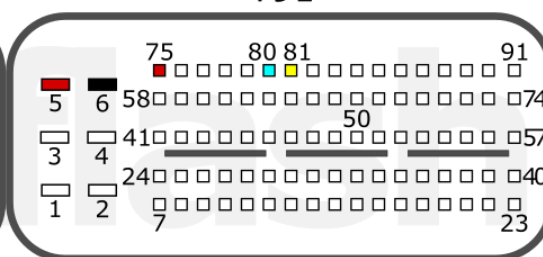
Engine Control Unit

## MD1CS089

T105



T91



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

CHINA

pcmflash.ru

v.1

2023-09-17

# PCMflash

Engine Control Unit

## MG1CS080



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

VOLVO/LYNK&Co

pcmflash.ru

v.1

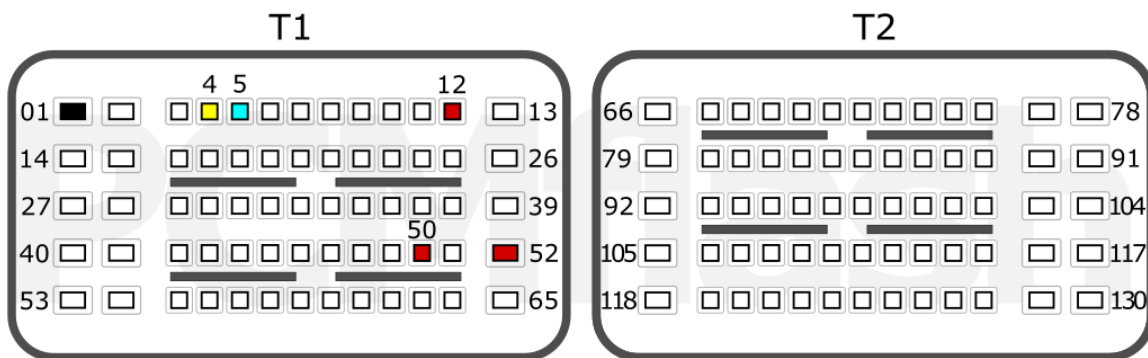
2023-09-24



# PCMflash

Transmission Control Unit

## MG1UA008 (UP8)



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

CHINA

pcmflash.ru

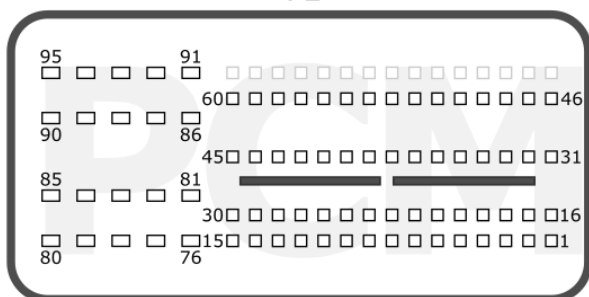
v.1

2024-03-01

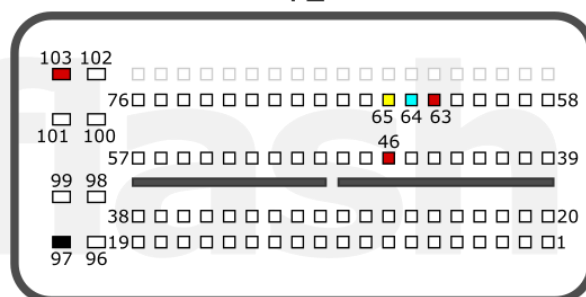
# PCMflash

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

T1



T2



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

GAC

LYNK&CO

pcmflash.ru

v.2

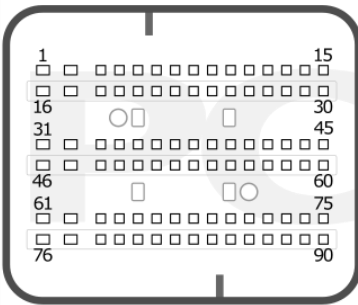
2024-03-01

# PCMflash

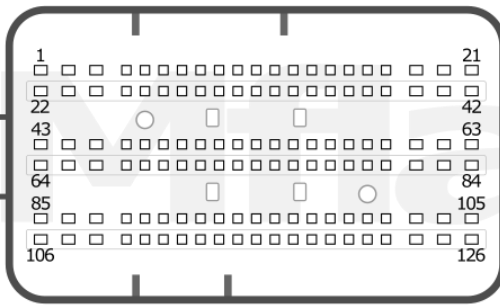
Engine Control Unit

## MD1CP006

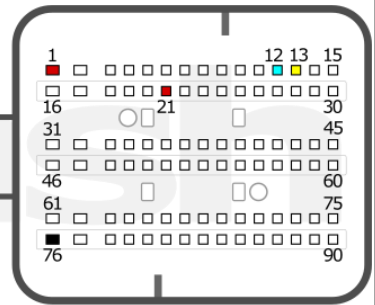
TRANS



ENG



VEH



<b>+12V</b>	VEH: 1, 21	<b>CAN-L</b>	VEH: 12
<b>GND</b>	VEH: 76	<b>CAN-H</b>	VEH: 13

FORD

pcmflash.ru

v.1

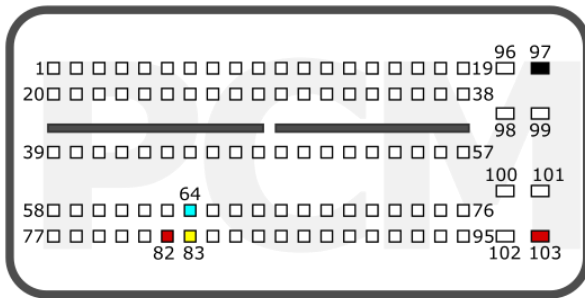
2023-09-10

# PCMflash

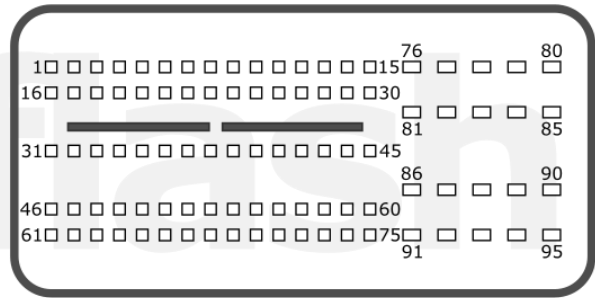
Engine Control Unit

## MD1CS005

T1



T2



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

FORD

pcmflash.ru

v.1

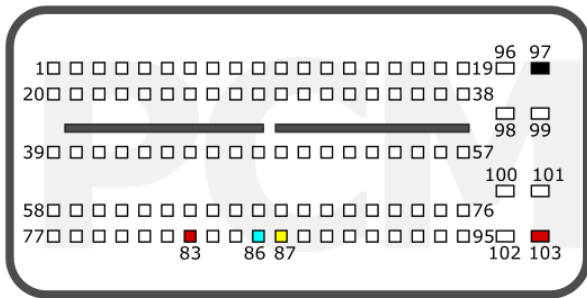
2023-09-10

# PCMflash

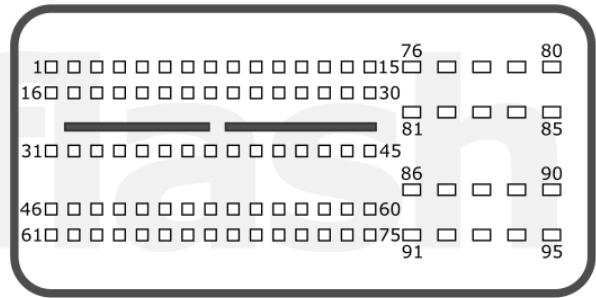
Engine Control Unit

## MD1CS015

T1



T2



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

FORD

pcmflash.ru

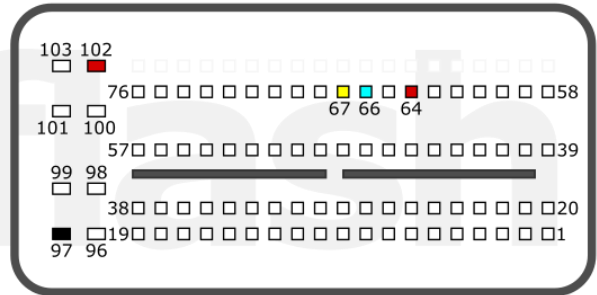
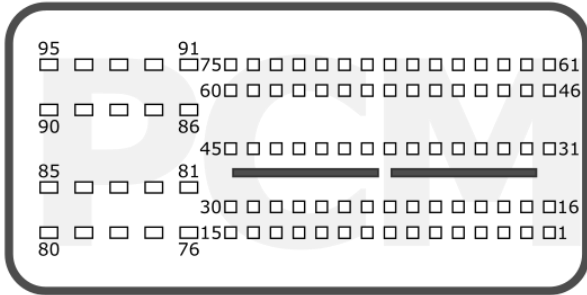
v.1

2023-09-10

# PCMflash

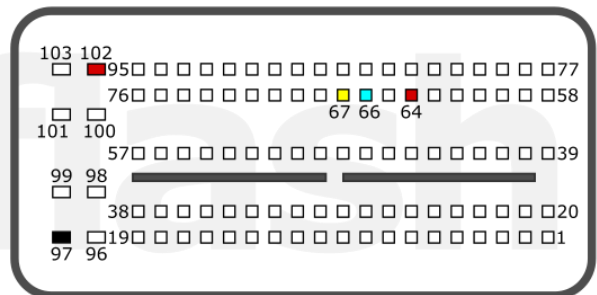
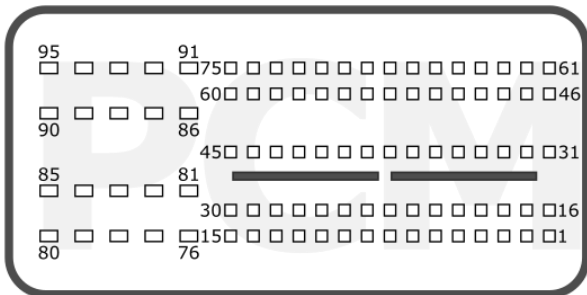
Engine Control Unit  
**MG1CS016/017**

T1 MG1CS016 T2



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

T1 MG1CS017 T2



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

FORD

pcmflash.ru

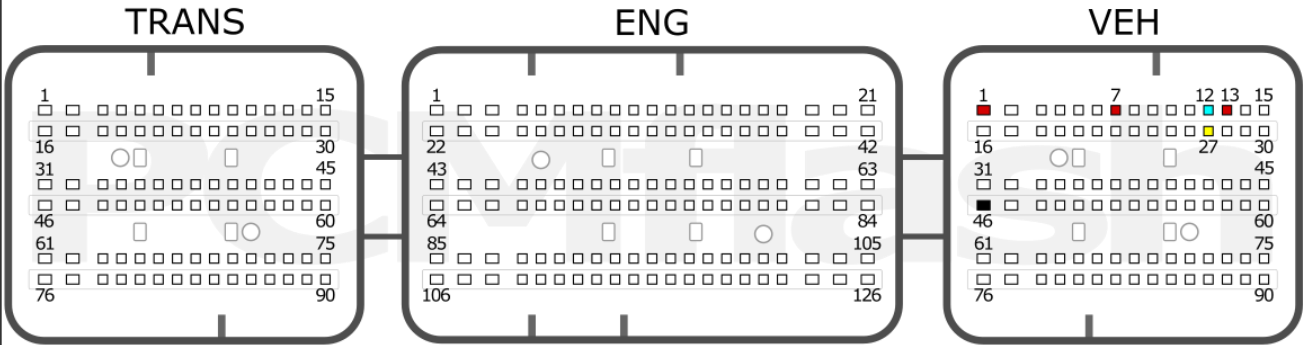
v.2

2023-09-17

# PCMflash

Engine Control Unit

## MG1CS018/019



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

FORD

pcmflash.ru

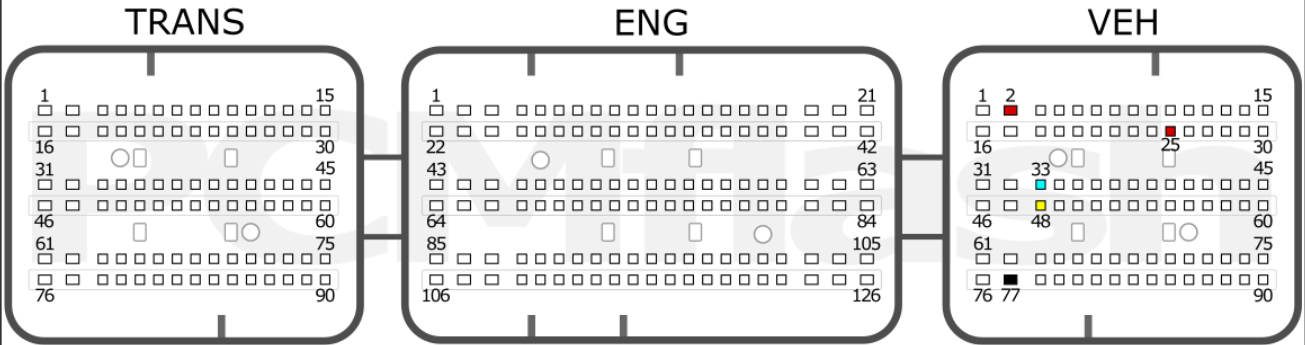
v.1

2023-09-10

# PCMflash

Engine Control Unit

## MG1CS036



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

FORD

pcmflash.ru

v.1

2023-10-21

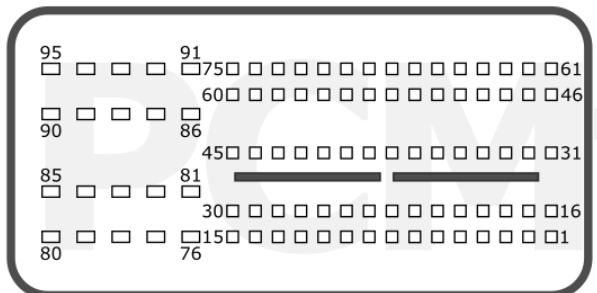


# PCMflash

Engine Control Unit

## MD1CS012

T1



T2



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

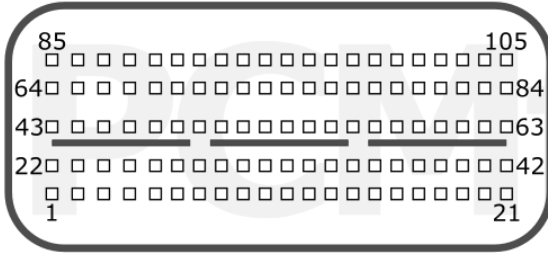
K/H

# PCMflash

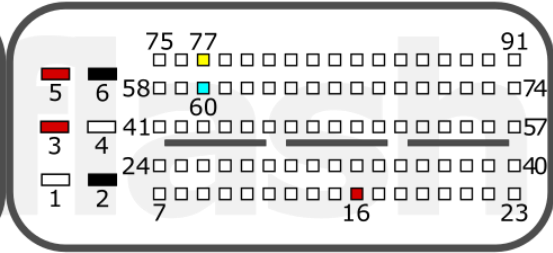
Engine Control Unit

## MD1CS018

T105



T91



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

MAHINDRA

TATA

pcmflash.ru

v.1

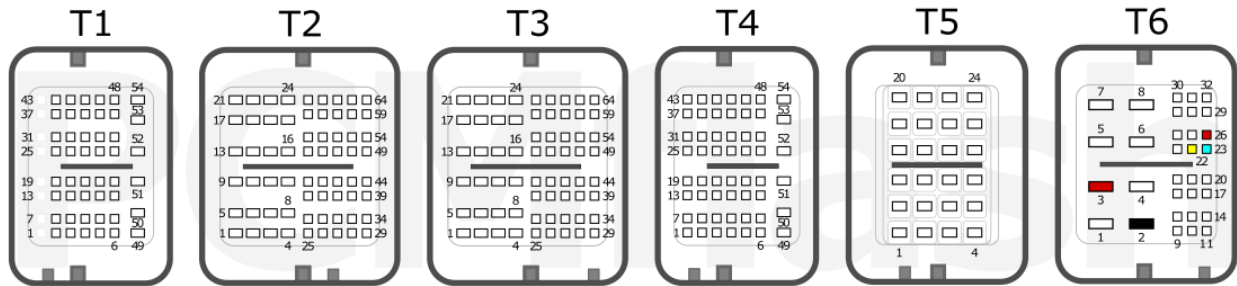
2023-10-22

# PCMflash

Engine Control Unit

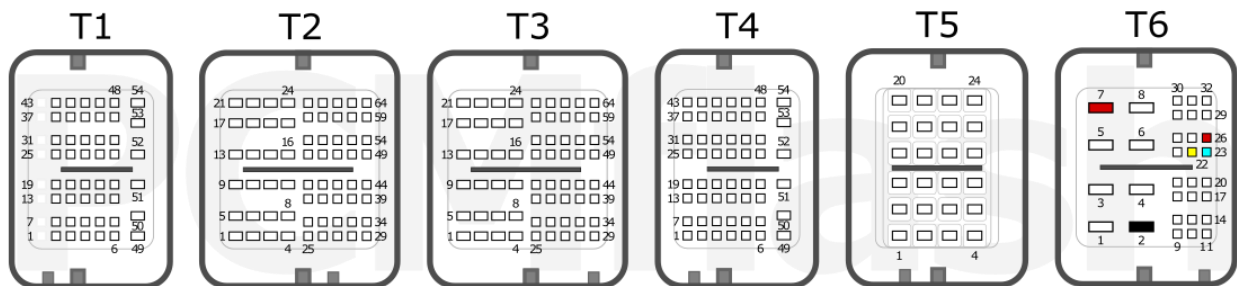
MD1CP001, MG1CP002

## MD1CP001



<b>+12V</b>	T6: 3, 26	<b>CAN-L</b>	T6: 23
	<b>GND</b>		T6: 2

## MG1CP002



<b>+12V</b>	T6: 7, 26	<b>CAN-L</b>	T6: 23
	<b>GND</b>		T6: 2

MB

pcmflash.ru

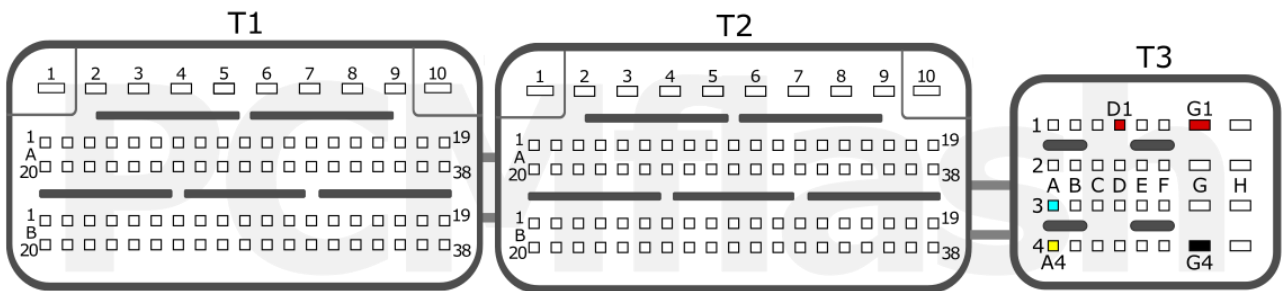
v.1

2023-09-10

# PCMflash

Engine Control Unit

MD1CS006/MD1CS016



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

NISSAN/RENAULT/DACIA

pcmflash.ru

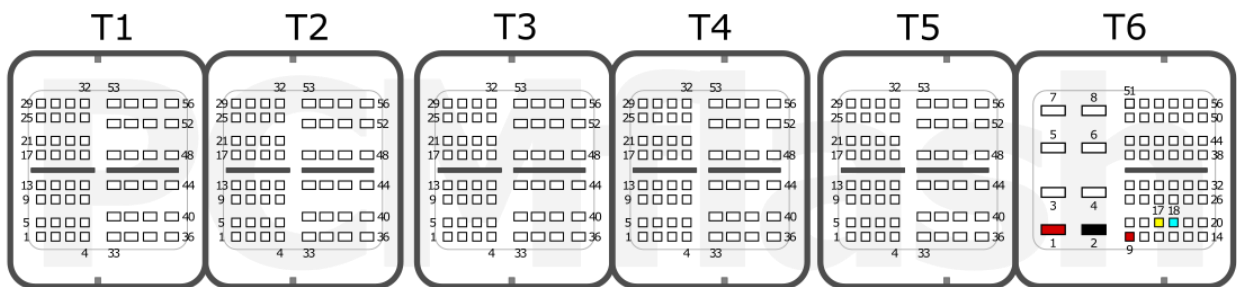
v.2

2023-10-29

# PCMflash

Engine Control Unit

## MG1CP007/CS047



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

PORSCHE

pcmflash.ru

v.2

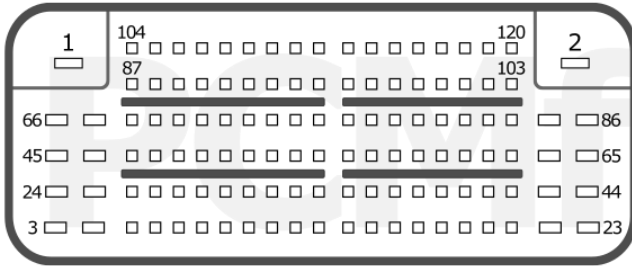
2024-01-08

# PCMflash

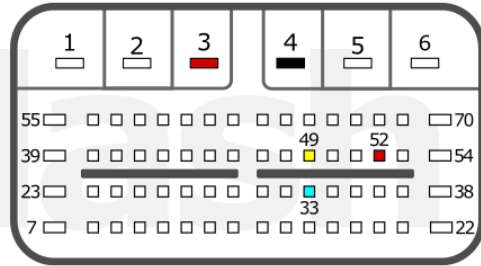
Engine Control Unit

MD1CS003, MG1CS032

T1



T2



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

PSA

pcmflash.ru

v.1

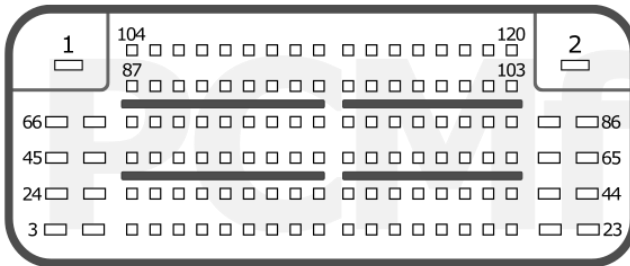
2023-09-17

# PCMflash

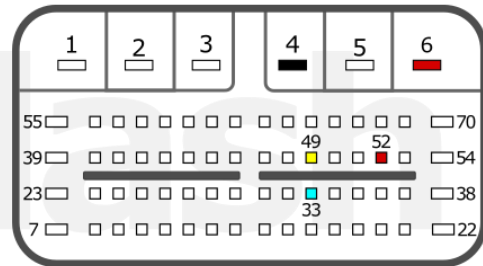
Engine Control Unit

## MG1CS042

T1



T2



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

PSA

pcmflash.ru

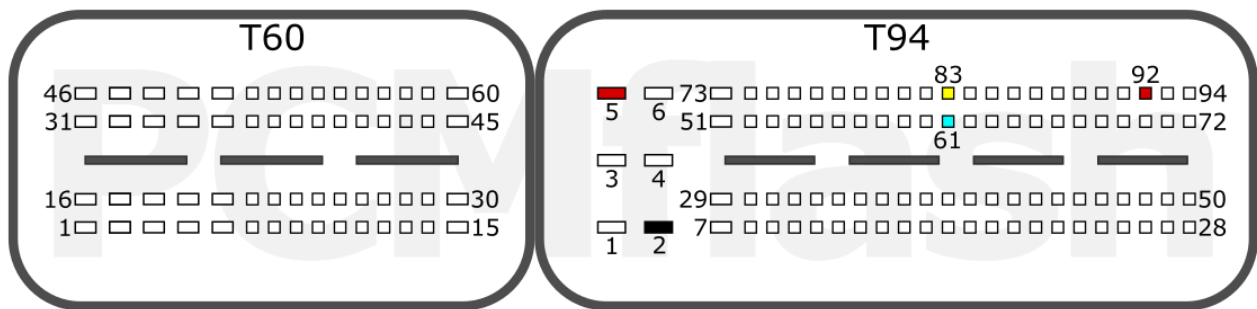
v.1

2023-09-17

# PCMflash

Engine Control Unit

## MG1CS026



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

SUZUKI

pcmflash.ru

v.1

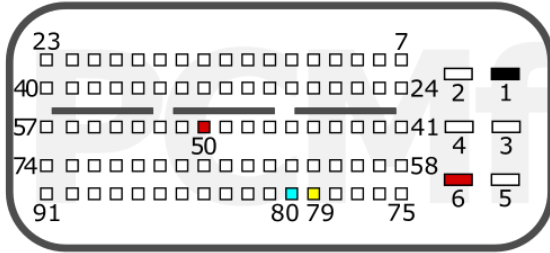
2023-09-24



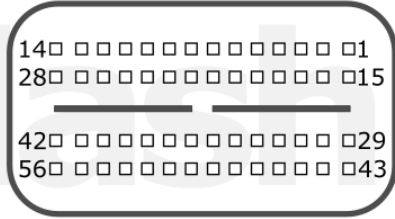
# PCMflash

Engine Control Unit

## MD1CP004/014

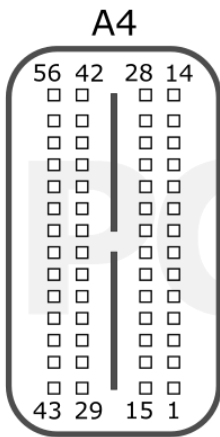


K

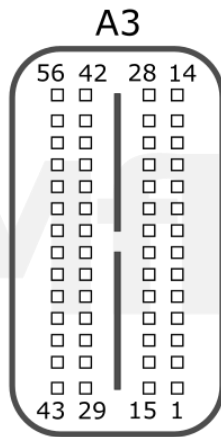


A1

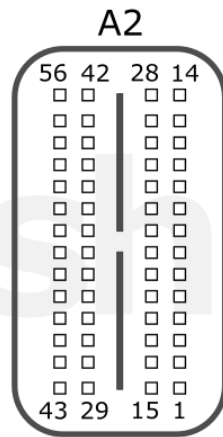
LABEL



A4



A3



A2

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

VAG

pcmflash.ru

v.1

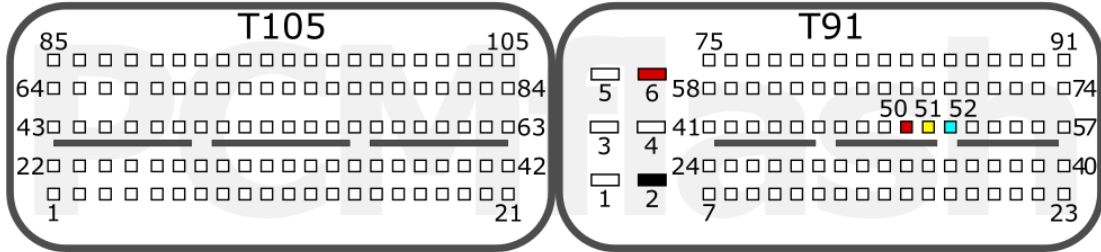
2023-09-17

# PCMflash

Engine Control Unit

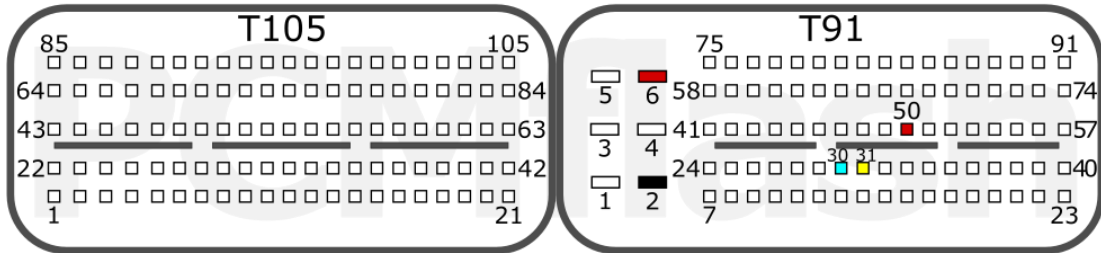
## MD1CS004

HW: H22



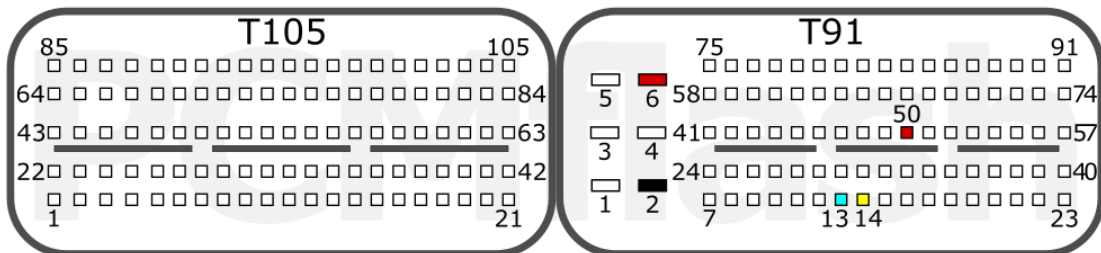
<b>+12V</b>	T91: 6, 50	<b>CAN-L</b>	T91: 52
<b>GND</b>	T91: 2	<b>CAN-H</b>	T91: 51

HW: H30



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

Connection version 3



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

VAG

pcmflash.ru

v.1

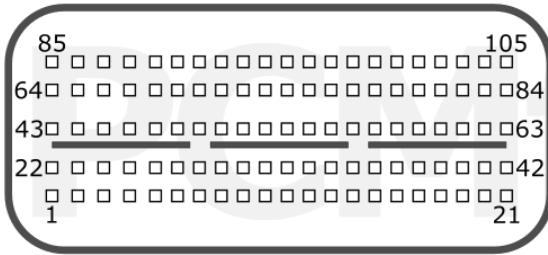
2023-09-17

# PCMflash

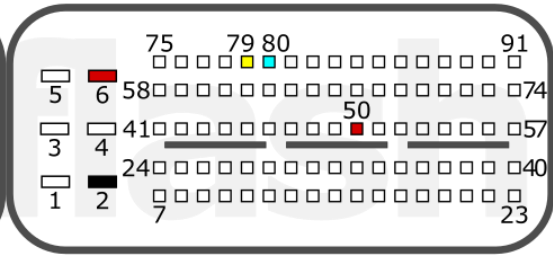
Engine Control Unit

## MG1CS001/111

T105



T91



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

VAG

pcmflash.ru

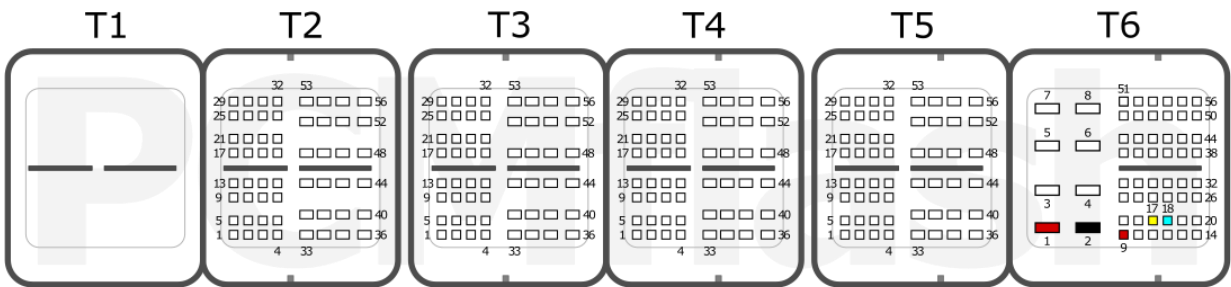
v.1

2023-09-17

# PCMflash

Engine Control Unit

## MG1CS002



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

VAG

pcmflash.ru

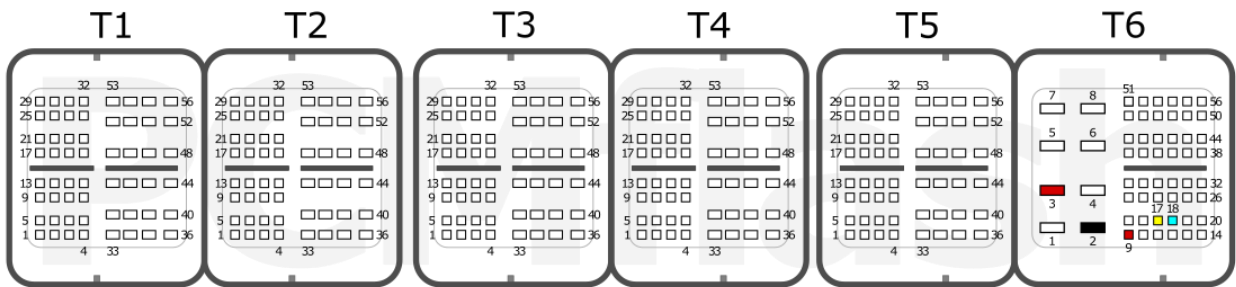
v.1

2023-09-17

# PCMflash

Engine Control Unit

## MG1CS008



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

VAG

pcmflash.ru

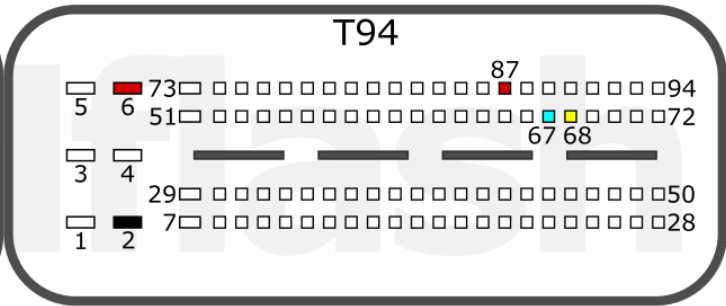
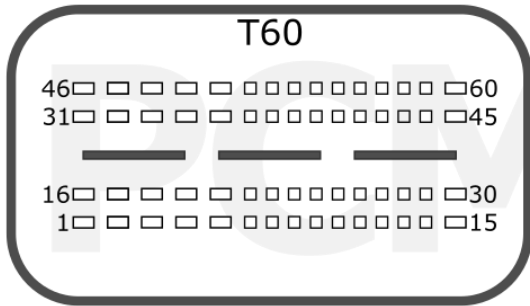
v.1

2023-09-17

# PCMflash

Engine Control Unit

## MG1CS011



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

VAG

pcmflash.ru

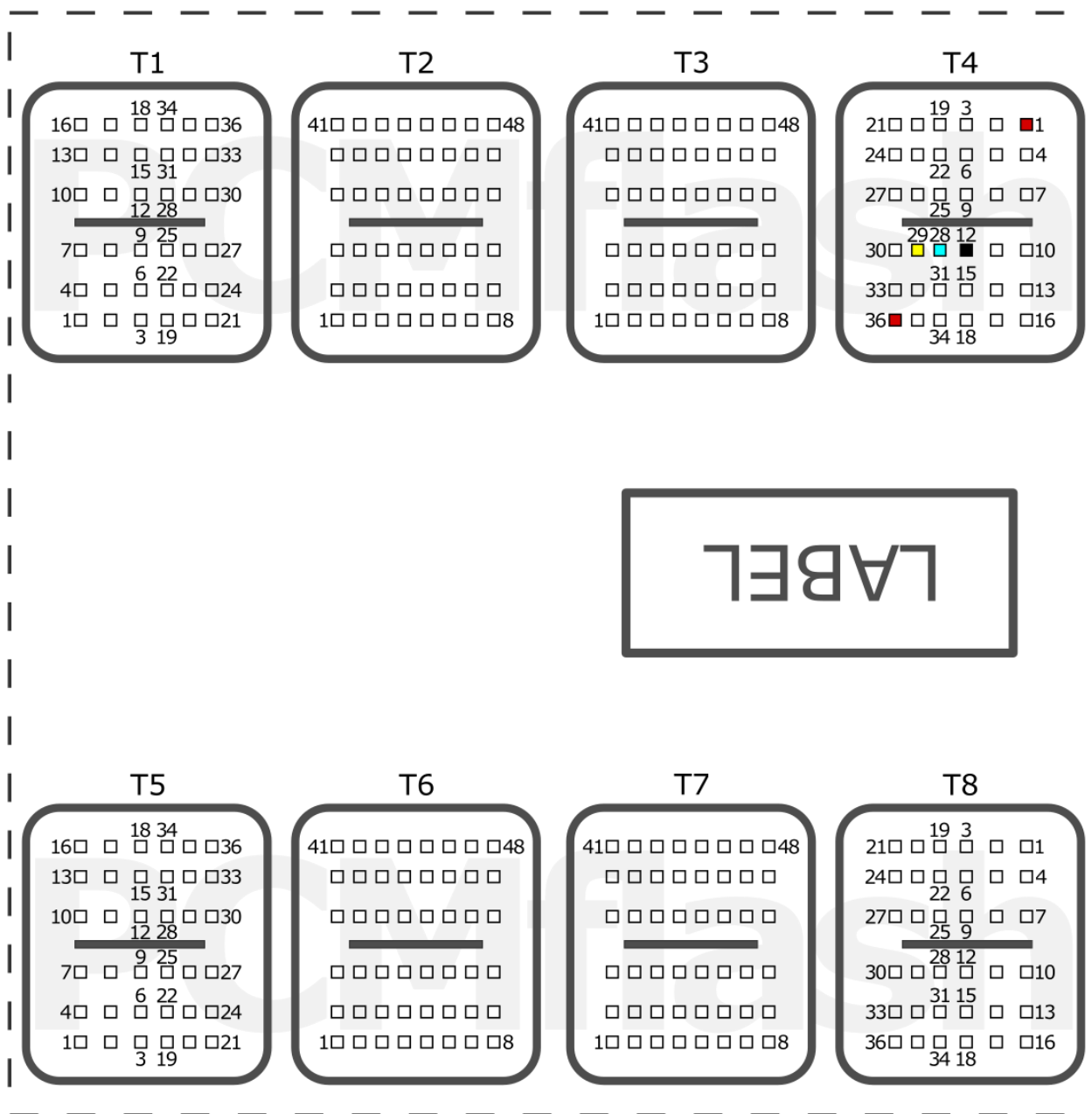
v.1

2023-09-17

# PCMflash

Engine Control Unit

MD1CC878/CE100/CE101/CE108



<b>+12V</b>	T4: 1, 36	<b>CAN-L</b>	T4: 28
<b>GND</b>	T4: 12	<b>CAN-H</b>	T4: 29

TRUCKS

pcmflash.ru

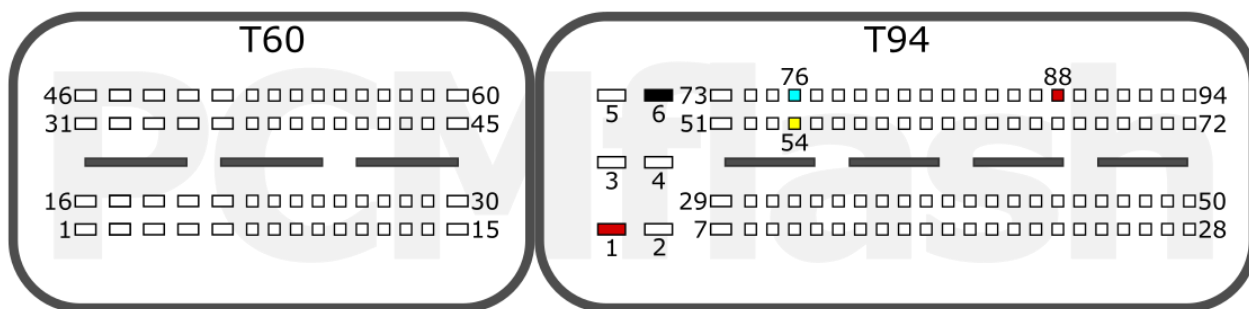
v.1

2023-09-24

# PCMflash

Engine Control Unit

## MD1CC878 (TYPE 2)



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

TRUCKS

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v.1

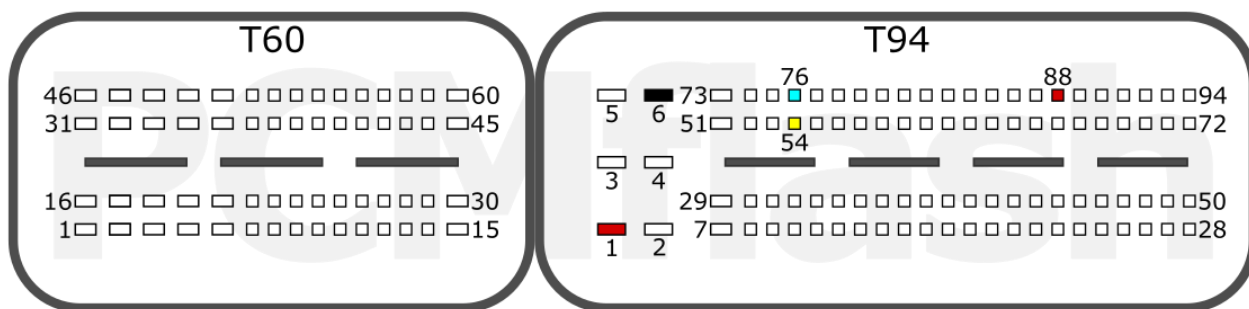
2023-09-23



# PCMflash

Engine Control Unit

## MD1CE100C



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

DEUTZ

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v.1

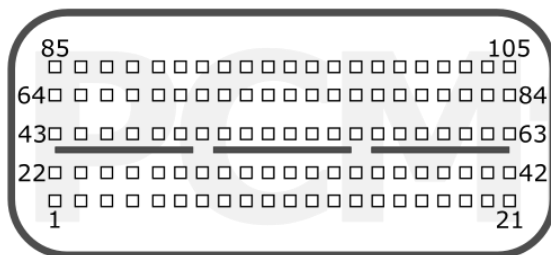
2023-09-23

# PCMflash

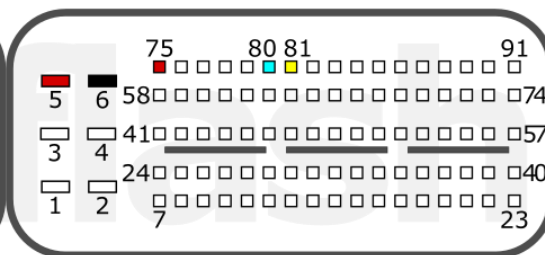
Engine Control Unit

## MD1CS069

T105



T91



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

CNH

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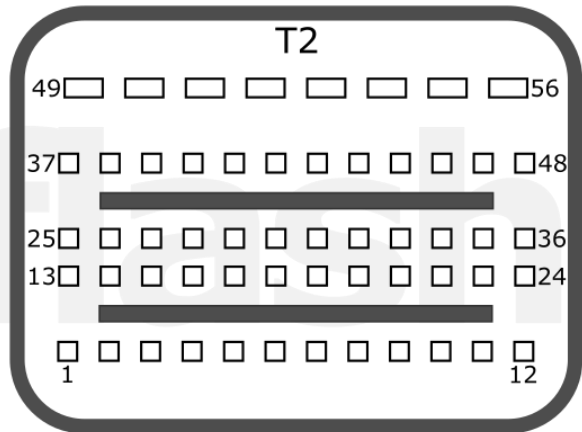
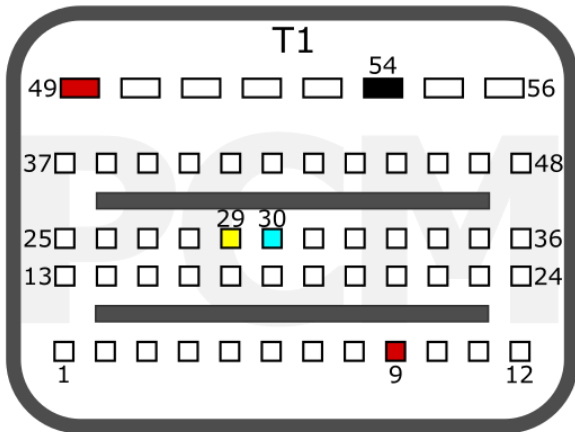
v.1

2023-09-23

# PCMflash

Engine Control Unit

## MG1CA007



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

POLARIS

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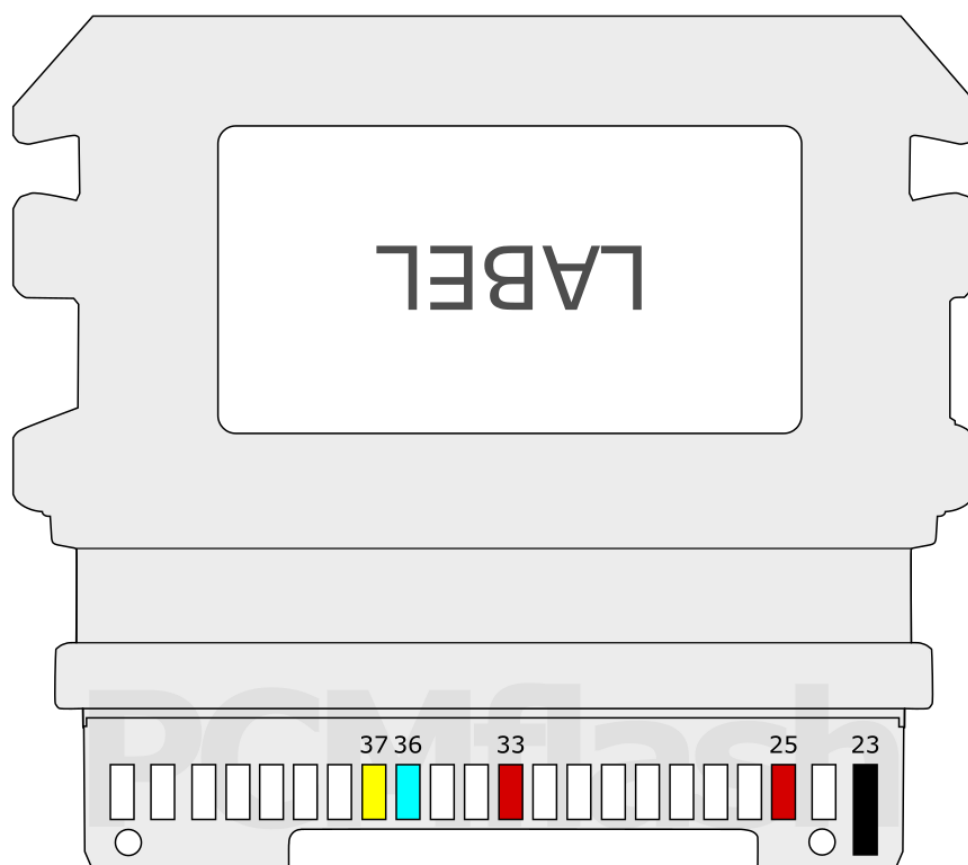
v.1

2023-09-23

# PCMflash

Engine Control Unit

## MG1CA094



<b>+12V</b>	25; 33	<b>CAN-L</b>	36
<b>GND</b>	23	<b>CAN-H</b>	37

KTM

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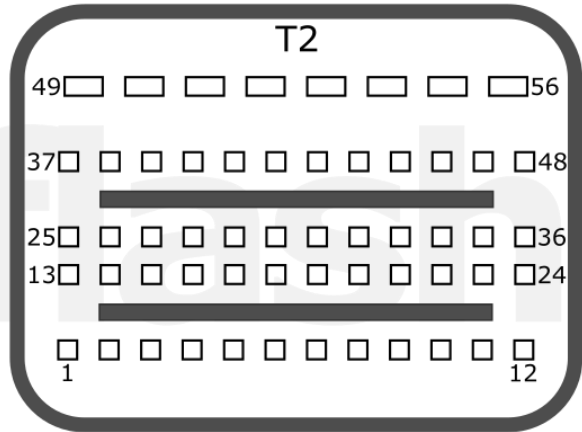
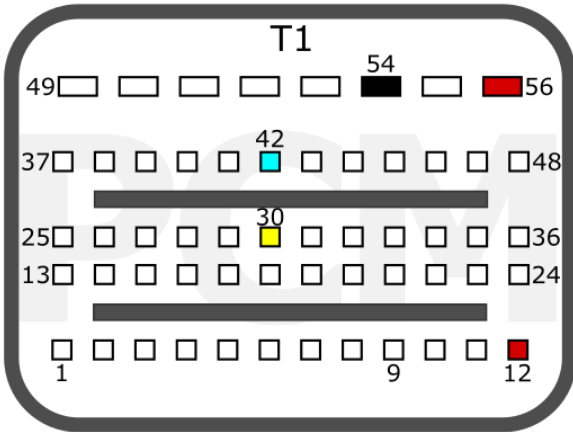
v.1

2023-10-21

# PCMflash

Engine Control Unit

## MG1CA920



<b>+12V</b>	T1: 12, 56	<b>CAN-L</b>	T1: 42
<b>GND</b>	T1: 54	<b>CAN-H</b>	T1: 30

CAN-AM

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v.1

2023-09-24