

2025

# PCMflash module 71

Bosch MEDC17 Bootloader

v.1.46

## Contents/Оглавление

Contents/Оглавление.....	2
MED17.0 TC1767.....	8
MEDG17.0 TC1797 .....	9
MED17.0.1 TC1767.....	10
ME17.0.3 TC1724 .....	11
MED17.1 TC1796.....	12
MED17.1.1 TC1797.....	13
MED17.1.6 TC1797.....	14
MED17.1.10 TC1793.....	15
MED17.1.11 TC1797.....	16
MED17.1.21 TC1793.....	17
MED17.1.27 TC1793.....	18
MED17.1.61 TC1793.....	19
MED17.1.62 TC1793.....	20
ME17.2 TC1797.....	21
MED17.2 TC1796.....	22
MEV17.2 TC1796 .....	23
MEVD17.2 TC1797.....	24
ME(V)17.2.1 TC1796.....	25
MEV17.2.2 TC1767 .....	26
MEVD17.2.2 TC1797 .....	27
MEVD17.2.3 TC1793 .....	28
ME17.2.4 TC1793 .....	29
MEVD17.2.4 TC1797 .....	30
MEVD17.2.5 TC1797 .....	31
MEVD17.2.6 TC1797 .....	32
MEVD17.2.7 TC1797 .....	33
MEVD17.2.8/17.2.9 TC1797.....	34
ME17.2.42 TC1793 .....	35
MEVD17.2.G TC1797 .....	36
MEVD17.2.H TC1797 .....	37
ME17.3 TC1724.....	38
MED17.3.1 TC1766.....	39
MED17.3.4 TC1797 .....	40

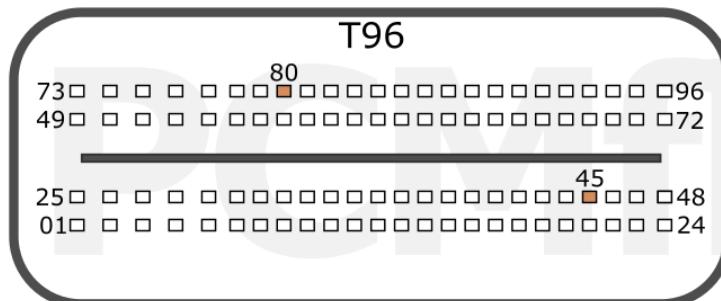
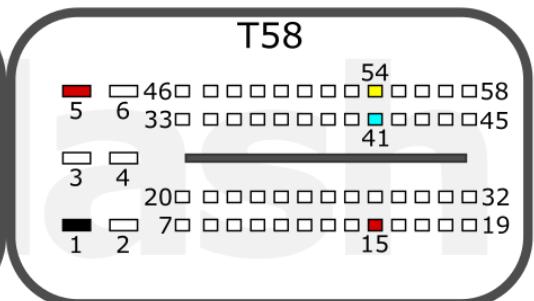
MED17.3.5 TC1793.....	41
MED/MEV17.4 TC1766.....	42
MED17.4.2 TC1767.....	43
MEV(D)17.4.2 TC1767 .....	44
MED17.4.4 TC1793.....	45
MEVD17.4.4 TC1793 .....	46
ME(V)17.4.5 TC1796.....	47
MEV17.4.6 TC1796.....	48
ME17.5 TC1766.....	49
MED17.5 TC1766.....	50
MED17.5.1 TC1796.....	51
MED17.5.2 TC1767.....	52
MED17.5.5 TC1766.....	53
ME17.5.6 TC1767 .....	54
MED17.5.20 TC1766.....	55
MED17.5.21 TC1782.....	56
ME17.5.22 TC1724 .....	57
MED17.5.25 TC1782.....	58
ME17.5.26 TC1724 .....	59
ME17.7 TC1796.....	60
MED17.7.1 TC1797.....	61
MED17.7.2 TC1797.....	62
MED17.7.3 TC1797.....	63
MED17.7.3.1 TC1797 .....	64
MED17.7.5 TC1793.....	65
MED17.7.7 TC1793.....	66
MED17.8.2 TC1767.....	67
MEVD17.8.4 TC1797 .....	68
ME17.8.5 TC1762 .....	69
M17.8.7 TC1762.....	70
ME17.8.8/ME17.8.8.1/ME17U6 TC1728/TC1782 .....	71
MED17.8.10 TC1728/TC1782.....	72
MED17.8.21 TC1767.....	73
MED17.8.31 TC1797.....	74
ME17.8.32 TC1797 .....	75
MED17.8.32 TC1793.....	76

MED17.8.34/17.8.35 TC1793.....	77
MEDC17.9 TC1793.....	78
ME17.9.1 TC1796 .....	79
MEG17.9.2 TC1767.....	80
MED17.9.3 TC1793.....	81
ME17.9.5 TC1762 .....	82
ME17.9.6 TC1767 .....	83
ME17.9.7 TC1762 .....	84
MED17.9.7 TC1767.....	85
ME(D)17.9.8 TC1767.....	86
MEG17.9.8 TC1767.....	87
MEDG17.9.8 TC1767 .....	88
MED17.9.9 TC1793.....	89
M17.9.11 TC1762 .....	90
ME17.9.11 TC1762 .....	91
MEG17.9.12/17.9.13 TC1762.....	92
ME17.9.20 TC1782 .....	93
MEG17.9.21 TC1724.....	94
ME17.9.21.1 TC1724.....	95
MEG17.9.22.1 TC1724 .....	96
MED17.9.30 TC1793.....	97
MED17.9.32 TC1782.....	98
ME17.9.51 TC1762 .....	99
ME17.9.52 TC1782 .....	100
ME17.9.53 TC1782 .....	101
ME17.9.55 TC1724 .....	102
ME17.9.61 TC1724 .....	103
MED17.9.63 TC1793.....	104
ME17.9.64 TC1724 .....	105
MED17.9.66 TC1793.....	106
ME17.9.71 TC1724 .....	107
ME17.9.74 TC1762 .....	108
EDC17C06 TC1766 .....	109
EDC17C08 TC1766 .....	110
EDC17C10 TC1797 .....	111
EDC17C11 TC1766 .....	112

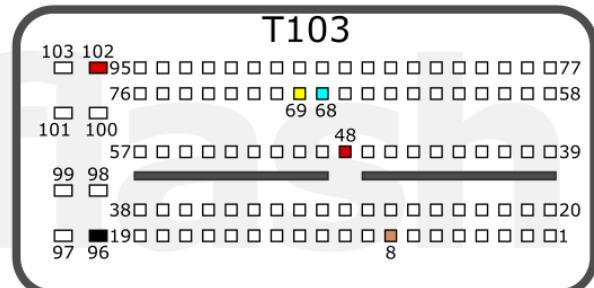
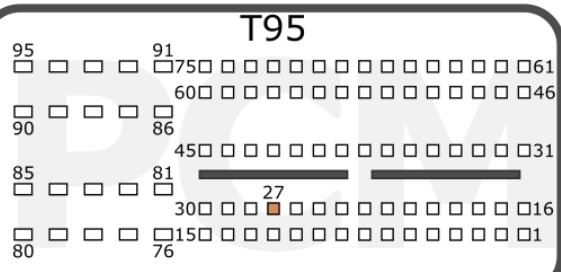
EDC17C18 TC1766 .....	113
EDC17C19 TC1792 .....	114
EDC17C41 TC1797 .....	115
EDC17C42 TC1767 .....	116
EDC17C43 TC1797 .....	117
EDC17C45 TC1767 .....	118
EDC17C46 TC1767 .....	119
EDC17C47 TC1782 .....	120
EDC17C49 TC1797 .....	121
EDC17C50 TC1797 .....	123
EDC17C53 TC1767 .....	124
EDC17C54 TC1797 .....	125
EDC17C55 TC1767 .....	126
EDC17C56 TC1797 .....	127
EDC17C57 TC1793 .....	128
EDC17C58 TC1793 .....	129
EDC17C59 TC1767 .....	130
EDC17C60 TC1793 .....	131
EDC17C63 TC1724 .....	132
EDC17C64 TC1797 .....	133
EDC17C66 TC1793 .....	134
EDC17C69 TC1793 .....	135
EDC17C70 TC1793 .....	136
EDC17C73 TC1793 .....	137
EDC17C74 TC1793 .....	138
EDC17C76 TC1793 .....	139
EDC17C79 TC1797 .....	140
EDC17C81 TC1782 .....	141
EDC17C83 TC1793 .....	142
EDC17C84 TC1782 .....	143
EDC17CP01 TC1796 .....	144
EDC17CP02 TC1766 .....	145
EDC17CP04 TC1796 .....	146
EDC17CP05 TC1796/TC1797 .....	147
EDC17CP06 TC1796 .....	148
EDC17CP07 TC1766 .....	149

EDC17CP09 TC1796 .....	150
EDC17CP10 TC1796 .....	151
EDC17CP11 TC1796 .....	152
EDC17CP14 TC1796 .....	153
EDC17CP15 TC1796 .....	154
EDC17CP16 TC1797 .....	155
EDC17CP18 TC1796 .....	156
EDC17CP19 TC1792 .....	157
EDC17CP20 TC1796 .....	158
EDC17CP21 TC1792 .....	159
EDC17CP22 TC1796 .....	160
EDC17CP24 TC1796 .....	161
EDC17CP27 TC1796 .....	162
EDC17CP37 TC1766 .....	163
EDC17CP42 TC1797 .....	164
EDC17CP44 TC1797 .....	165
EDC17CP45 TC1797 .....	166
EDC17CP46 TC1797 .....	167
EDC17CP47 TC1797 .....	168
EDC17CP48 TC1797 .....	169
EDC17CP49 TC1797 .....	170
EDC17CP50 TC1797 .....	171
EDC17CP52 TC1797 .....	172
EDC17CP54 AMAROK TC1793 .....	173
EDC17CP54 AUDI TC1793 .....	174
EDC17CP55 TC1793 .....	175
EDC17CP57 TC1793 .....	176
EDC17CP58 TC1767 .....	177
EDC17CP60 TC1793 .....	178
EDC17CP62 TC1793 .....	179
EDC17CP65 TC1793 .....	180
EDC17CP68 TC1797 .....	181
EDC17CP74 TC1793 .....	182
EDC17CV41 TC1797 .....	183
EDC17CV42 TC1797 .....	185
EDC17CV43/CV44 TC1767 .....	187

EDC17CV45 TC1782 .....	188
EDC17CV52 TC1797 .....	189
EDC17CV53/CV54/CV56 TC1767 .....	190
EDC17U01 TC1766 .....	191
EDC17U05 TC1766 .....	192
DCU17CV51 TC1724 .....	193
DCU17HD01 TC1766 .....	194
DCU17PC01 TC1766 .....	195
DCU17PC42/PC43 TC1724 .....	196

<b>PCMflash</b>	Engine Control Unit
	<b>MED17.0 TC1767</b>
	
<b>+12V</b>	T58: 5, 15
<b>GND</b>	T58: 1
<b>GPT</b>	T96: 80, 45
<b>CAN-L</b>	T58: 41
<b>CAN-H</b>	T58: 54
FORD	VOLVO
pcmflash.ru	v.2 2022-06-08

<b>PCMflash</b>	Engine Control Unit <b>MEDG17.0 TC1797</b>
-----------------	---

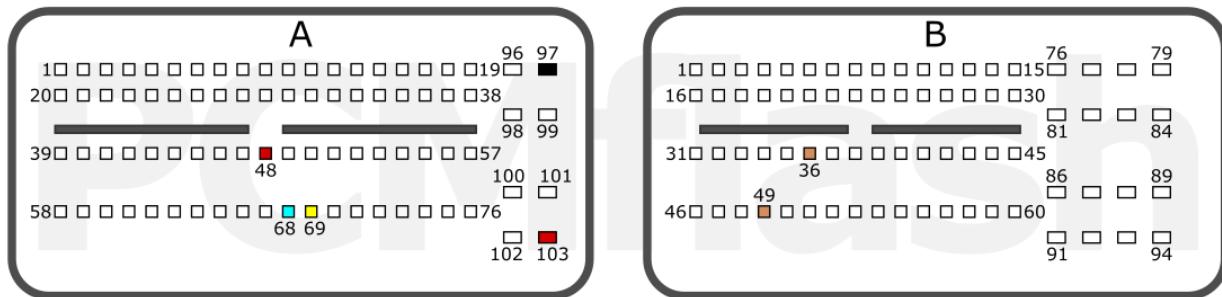


<b>+12V</b>	T103: 102, 48	<b>CAN-L</b>	T103: 68
<b>GND</b>	T103: 96	<b>CAN-H</b>	T103: 69
<b>GPT</b>	T103:8, T95: 27		

FORD

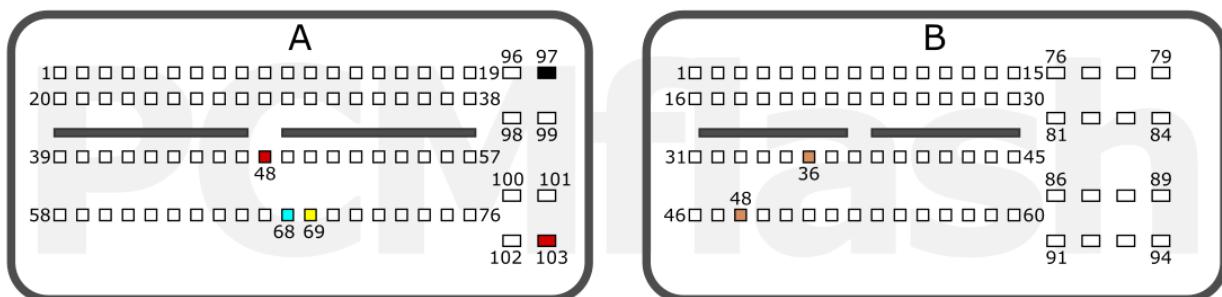


### Connection version 1



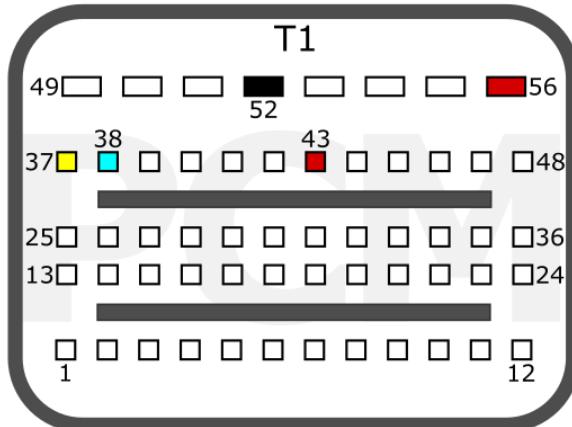
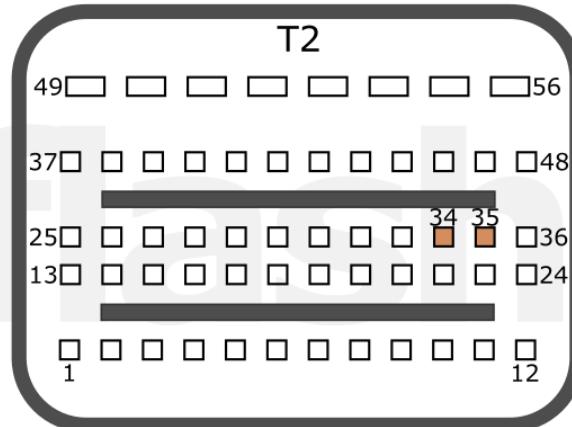
<b>+12V</b>	A: 48, 103	<b>CAN-L</b>	A: 68
<b>GND</b>	A: 97	<b>CAN-H</b>	A: 69
<b>GPT</b>	B: 36, 49		

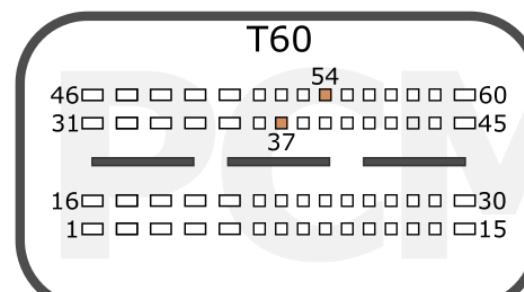
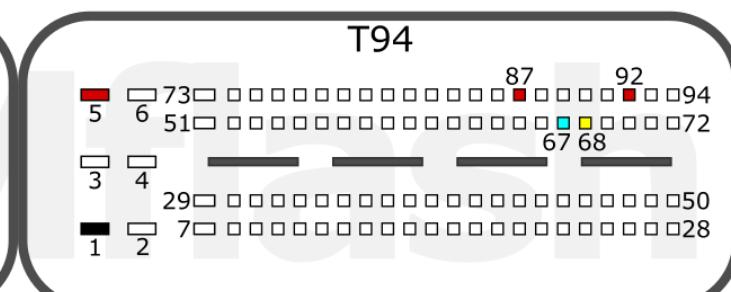
### Connection version 2



<b>+12V</b>	A: 48, 103	<b>CAN-L</b>	A: 68
<b>GND</b>	A: 97	<b>CAN-H</b>	A: 69
<b>GPT</b>	B: 36, 48		

FORD

<b>PCMflash</b>	Engine Control Unit
	<b>ME17.0.3 TC1724</b>
	
<b>+12V</b>	T1: 43, 56
<b>GND</b>	T1: 52
<b>GPT</b>	T2: 35, 34
<b>FORD</b>	
pcmflash.ru	v.1
	2024-09-19

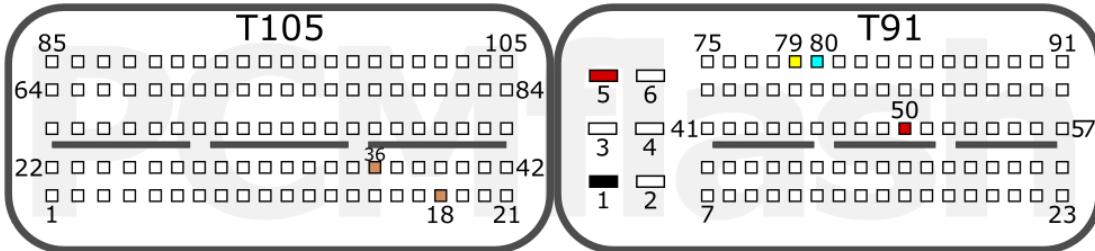
PCMflash	Engine Control Unit		
	MED17.1 TC1796		
	T60		T94
+12V	T94: 5, 87, 92	CAN-L	T94: 67
GND	T94: 1	CAN-H	T94: 68
GPT	T60: 37, 54		
VAG			
pcmflash.ru	v.1	2021-09-08	

# PCMflash

Engine Control Unit

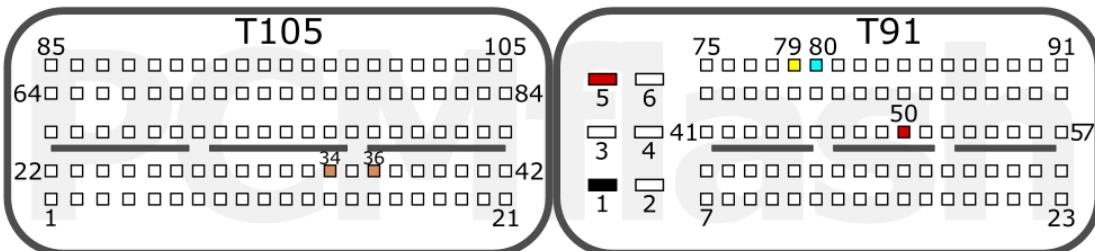
MED17.1.1 TC1797

AUDI



+12V	T91: 5, 50	CAN-L	T91: 80
GND	T91: 1	CAN-H	T91: 79
GPT	T105: 18, 36		

VOLKSWAGEN



+12V	T91: 5, 50	CAN-L	T91: 80
GND	T91: 1	CAN-H	T91: 79
GPT	T105: 34, 36		

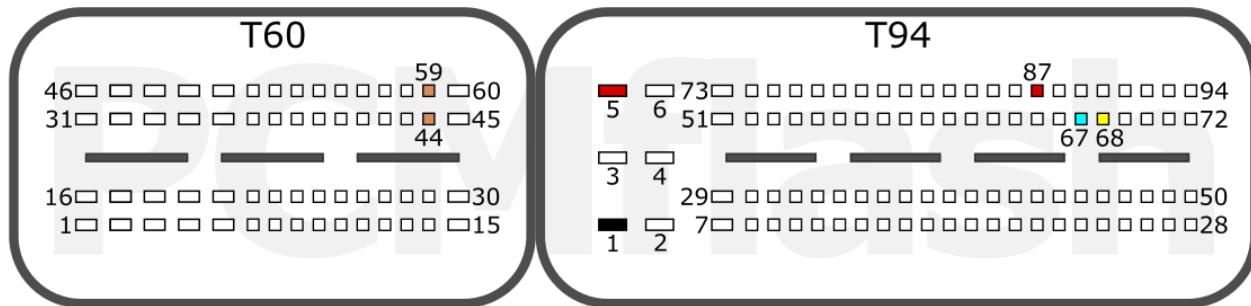
VAG

# PCMflash

Engine Control Unit

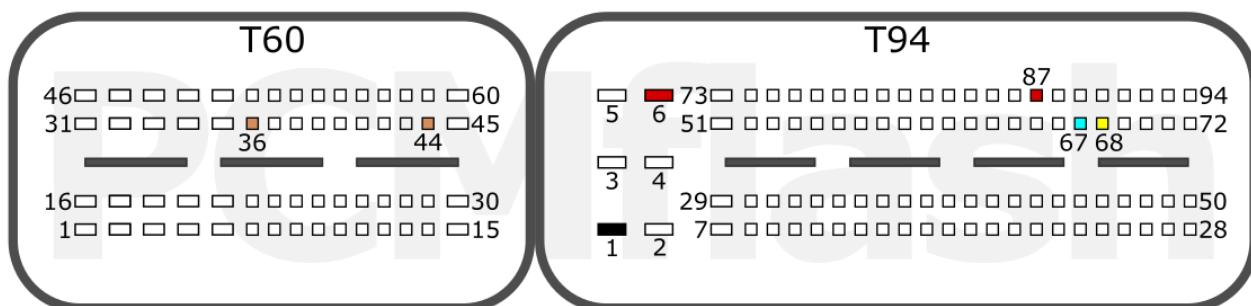
MED17.1.6 TC1797

VAG



+12V	T94: 5, 87	CAN-L	T94: 67
GND	T94: 1	CAN-H	T94: 68
GPT	T60: 44, 59		

PORSCHE

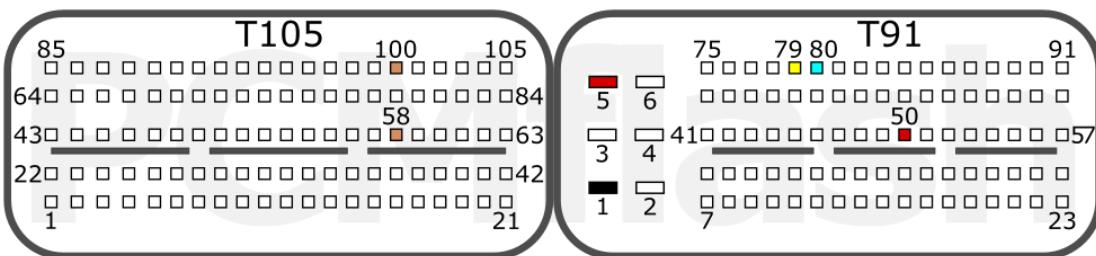


+12V	T94: 6, 87	CAN-L	T94: 67
GND	T94: 1	CAN-H	T94: 68
GPT	T60: 44, 36		

PORSCHE

VAG

<b>PCMflash</b>	Engine Control Unit
	MED17.1.10 TC1793

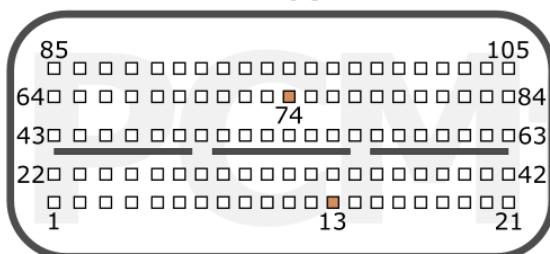


<b>+12V</b>	T91: 5, 50	<b>CAN-L</b>	T91: 80
<b>GND</b>	T91: 1	<b>CAN-H</b>	T91: 79
<b>GPT</b>	T105: 100, 58		

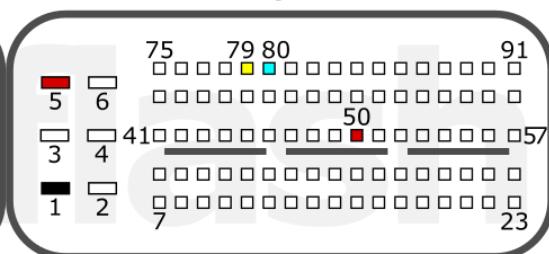
AUDI

<b>PCMflash</b>	Engine Control Unit
	<b>MED17.1.11 TC1797</b>

T105



T91



<b>+12V</b>	T91: 5, 50	<b>CAN-L</b>	T91: 80
<b>GND</b>	T91: 1	<b>CAN-H</b>	T91: 79
<b>GPT</b>	T105: 74, 13		

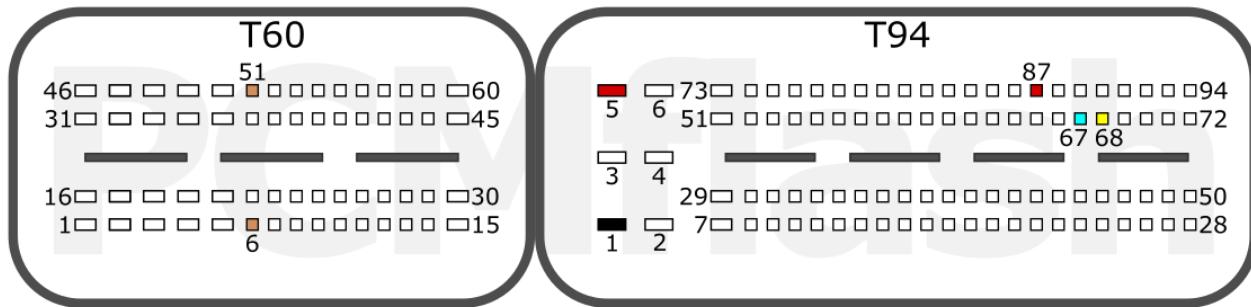
PORSCHE

# PCMflash

Engine Control Unit

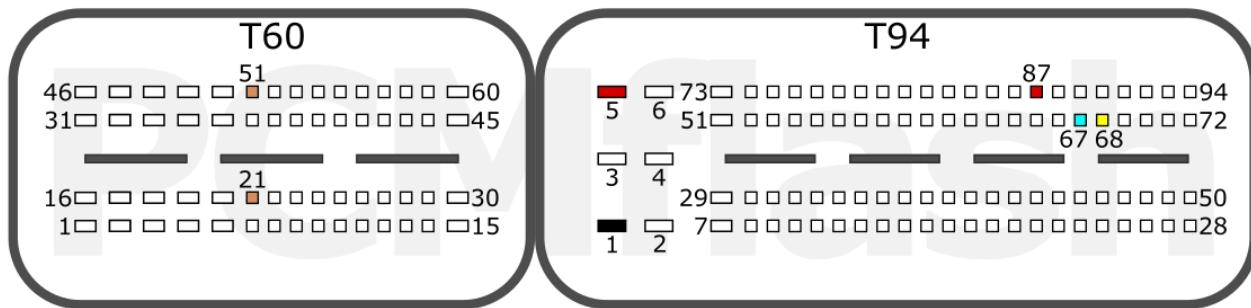
MED17.1.21 TC1793

## Connection version 1



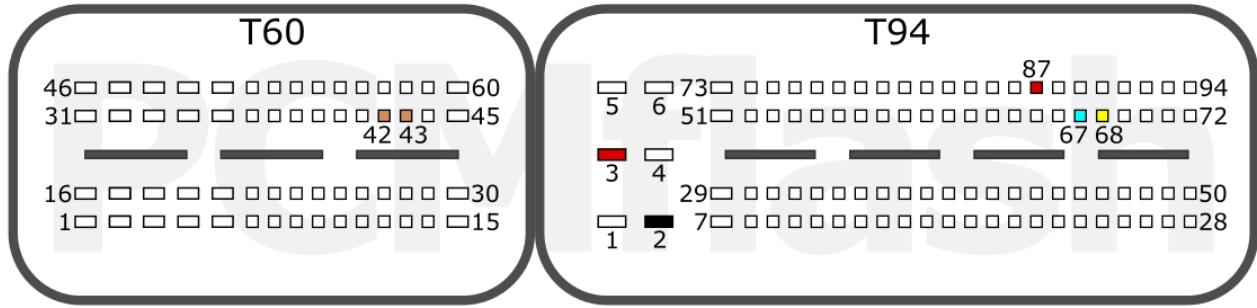
+12V	T94: 5, 87	CAN-L	T94: 67
GND	T94: 1	CAN-H	T94: 68
GPT	T60: 51, 6		

## Connection version 2



+12V	T94: 5, 87	CAN-L	T94: 67
GND	T94: 1	CAN-H	T94: 68
GPT	T60: 21, 51		

VAG

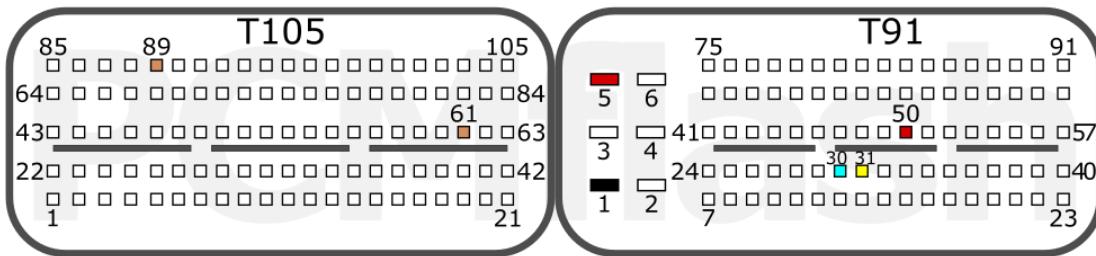
<h1>PCMflash</h1>	Engine Control Unit <b>MED17.1.27 TC1793</b>												
													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="color: red; padding: 2px;"><b>+12V</b></td> <td style="padding: 2px;">T94: 3, 87</td> <td style="color: cyan; padding: 2px;"><b>CAN-L</b></td> <td style="padding: 2px;">T94: 67</td> </tr> <tr> <td style="color: black; padding: 2px;"><b>GND</b></td> <td style="padding: 2px;">T94: 2</td> <td style="color: yellow; padding: 2px;"><b>CAN-H</b></td> <td style="padding: 2px;">T94: 68</td> </tr> <tr> <td style="color: brown; padding: 2px;"><b>GPT</b></td> <td style="padding: 2px;">T60: 42, 43</td> <td></td> <td></td> </tr> </table>	<b>+12V</b>	T94: 3, 87	<b>CAN-L</b>	T94: 67	<b>GND</b>	T94: 2	<b>CAN-H</b>	T94: 68	<b>GPT</b>	T60: 42, 43			
<b>+12V</b>	T94: 3, 87	<b>CAN-L</b>	T94: 67										
<b>GND</b>	T94: 2	<b>CAN-H</b>	T94: 68										
<b>GPT</b>	T60: 42, 43												
<b>VAG</b>													
<a href="http://pcmflash.ru">pcmflash.ru</a>	v.1    2021-10-09												

# PCMflash

Engine Control Unit

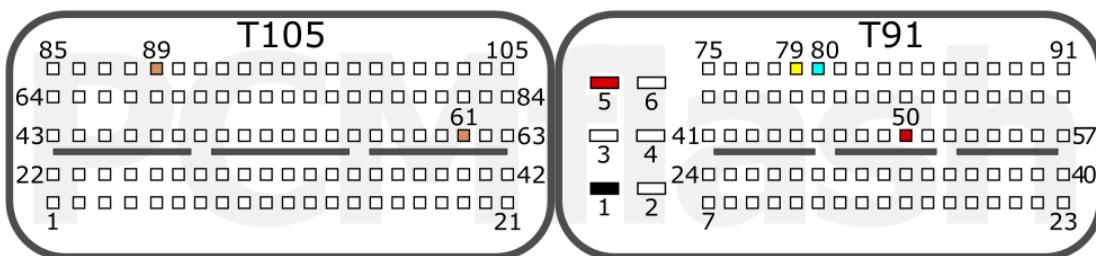
MED17.1.61 TC1793

## Connection version 1



+12V	T91: 5, 50	CAN-L	T91: 30
GND	T91: 1	CAN-H	T91: 31
GPT	T105: 61, 89		

## Connection version 2



+12V	T91: 5, 50	CAN-L	T91: 80
GND	T91: 1	CAN-H	T91: 79
GPT	T105: 61, 89		

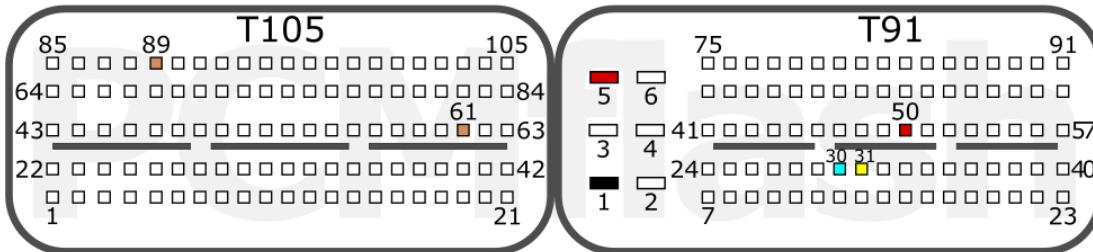
VAG

# PCMflash

Engine Control Unit

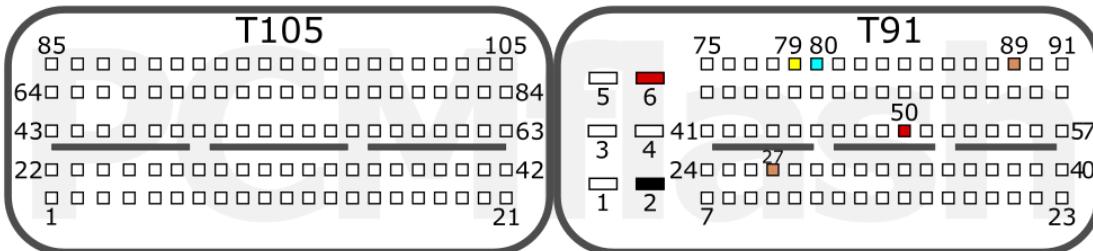
MED17.1.62 TC1793

## VOLKSWAGEN



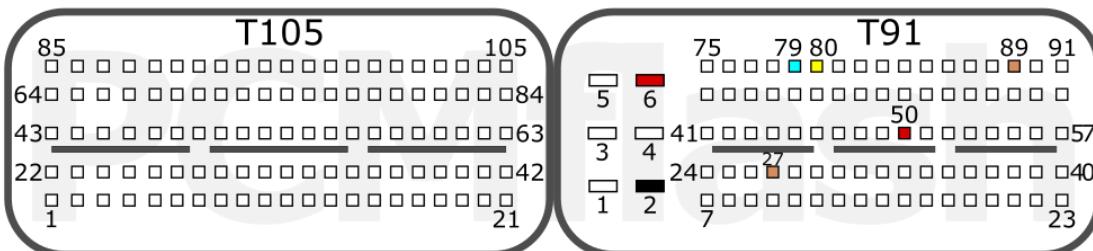
+12V	T91: 5, 50	CAN-L	T91: 30
GND	T91: 1	CAN-H	T91: 31
GPT	T105: 61, 89		

## AUDI



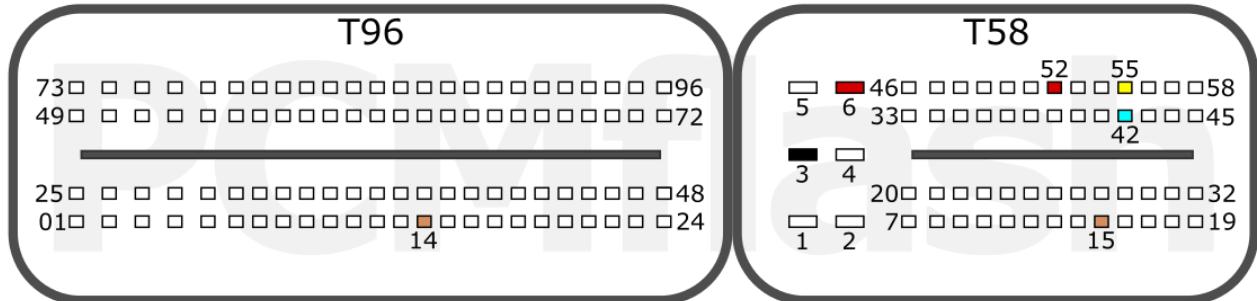
+12V	T91: 6, 50	CAN-L	T91: 80
GND	T91: 2	CAN-H	T91: 79
GPT	T105: 27, 89		

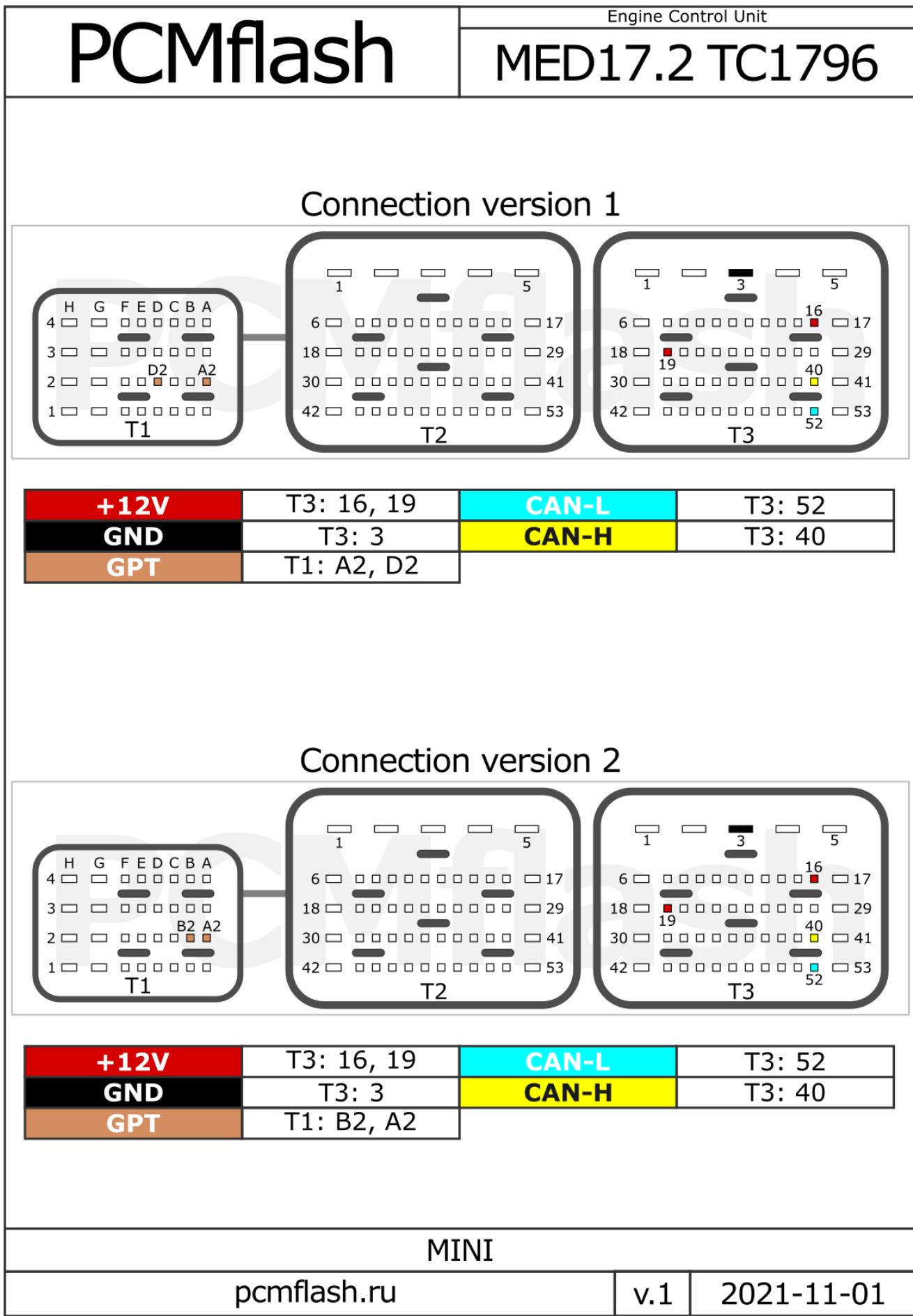
## BENTLEY



+12V	T91: 6, 50	CAN-L	T91: 79
GND	T91: 2	CAN-H	T91: 80
GPT	T105: 27, 89		

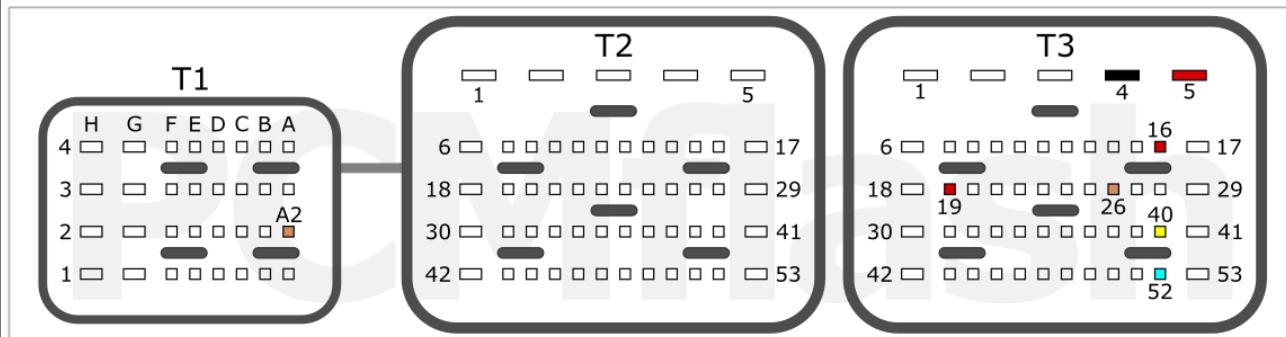
## VAG

<h1>PCMflash</h1>	Engine Control Unit <b>ME17.2 TC1797</b>
 <p>The diagram shows two circular pinout diagrams. The left one, labeled T96, has 96 pins arranged in a rectangular grid. The right one, labeled T58, has 58 pins arranged in a more irregular shape. Both diagrams show pin numbers at the top and bottom.</p>	
<b>+12V</b> <b>GND</b> <b>GPT</b>	T58: 6, 52 T58: 3 T96: 14, T58:15
<b>CAN-L</b> <b>CAN-H</b>	T58: 42 T58: 55
<b>BMW</b>	
<a href="http://pcmflash.ru">pcmflash.ru</a>	v.1
2021-11-01	



**TYPE 1**

<b>+12V</b>	T58: 1, 7	<b>CAN-L</b>	T58: 33
<b>GND</b>	T58: 6	<b>CAN-H</b>	T58: 46
<b>GPT</b>	T96: 22, 23		

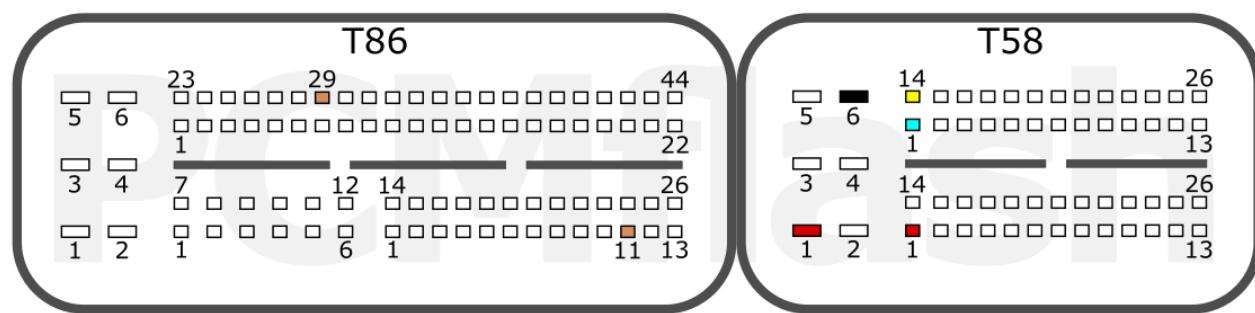
**TYPE 2**

<b>+12V</b>	T3: 5, 16, 19	<b>CAN-L</b>	T3: 52
<b>GND</b>	T3: 4	<b>CAN-H</b>	T3: 40
<b>GPT</b>	T1: A2, T3:26		

BMW

PCMflash		Engine Control Unit	
		MEVD17.2 TC1797	
T1		T2	
12	24	10	13
□	□	□	□
□	□	□	□
□	□	□	□
□	□	□	□
□	□	□	□
□	□	□	□
□	□	1	2
1	13	3	
T3			
+12V	T4: 42, 46	CAN-L	T4: 45
GND	T2: 3	CAN-H	T4: 44
GPT	T6: 51, T5: 6		
BMW			
pcmflash.ru		v.1	2021-09-04

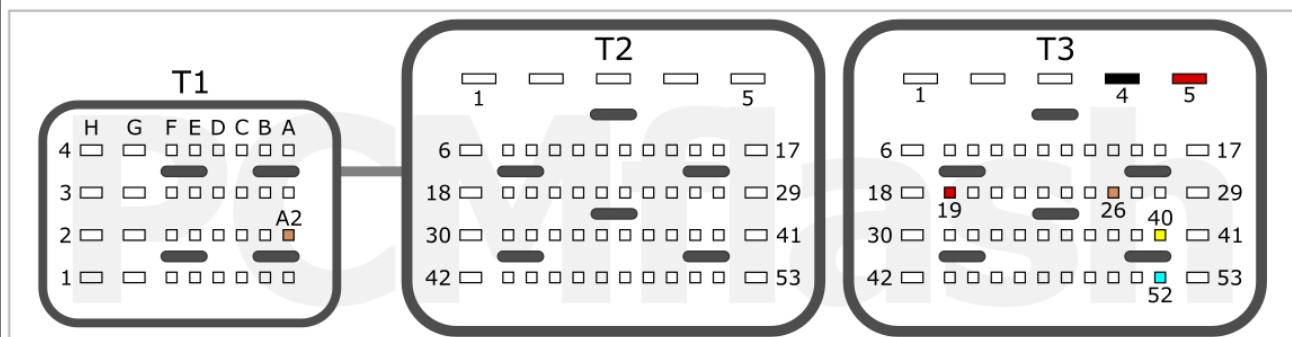
<b>PCMflash</b>	Engine Control Unit ME(V)17.2.1 TC1796
-----------------	---



<b>+12V</b>	T58: 1, 1	<b>CAN-L</b>	T58: 1
<b>GND</b>	T58: 6	<b>CAN-H</b>	T58: 14
<b>GPT</b>	T86: 29, 11		

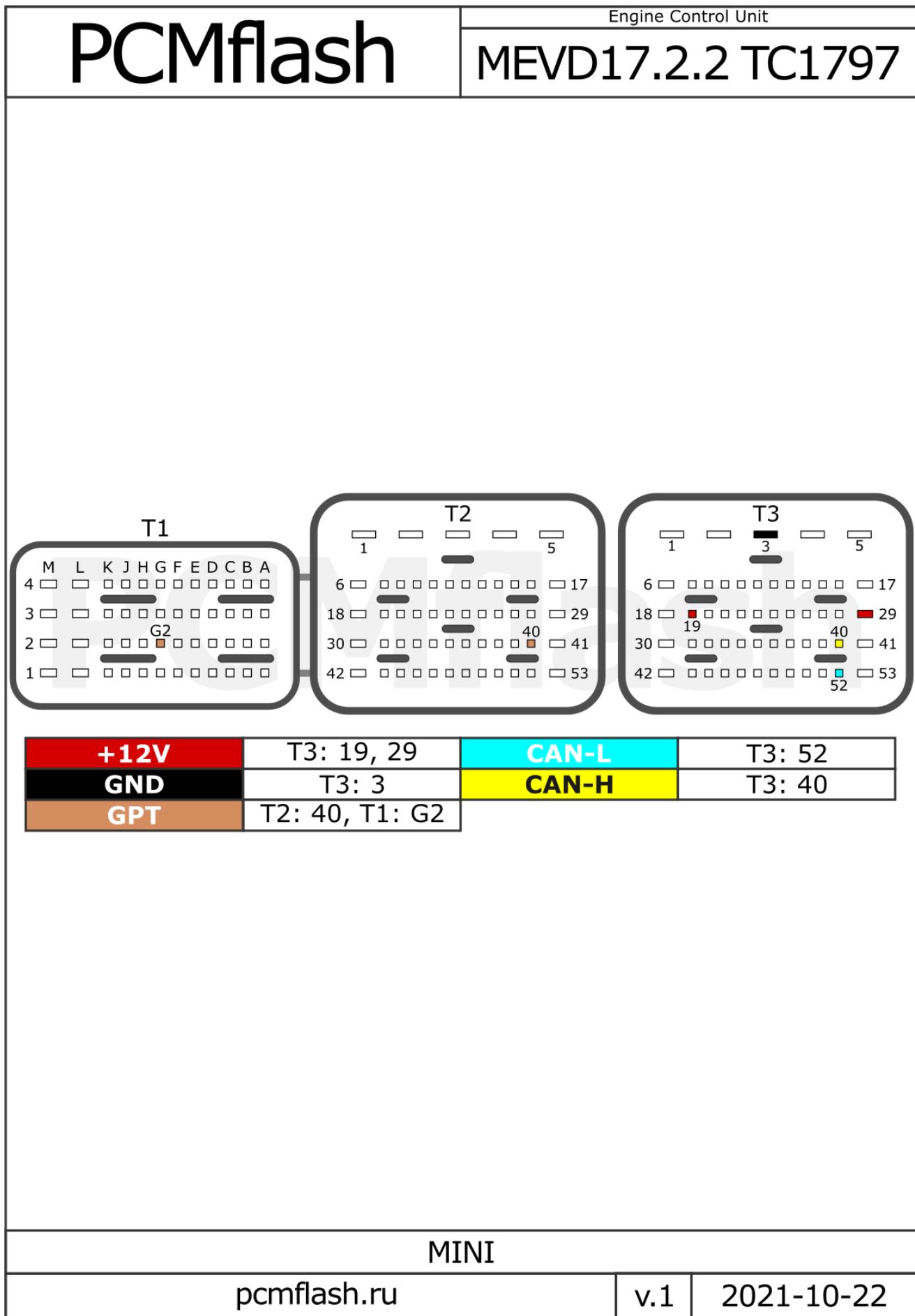
BMW

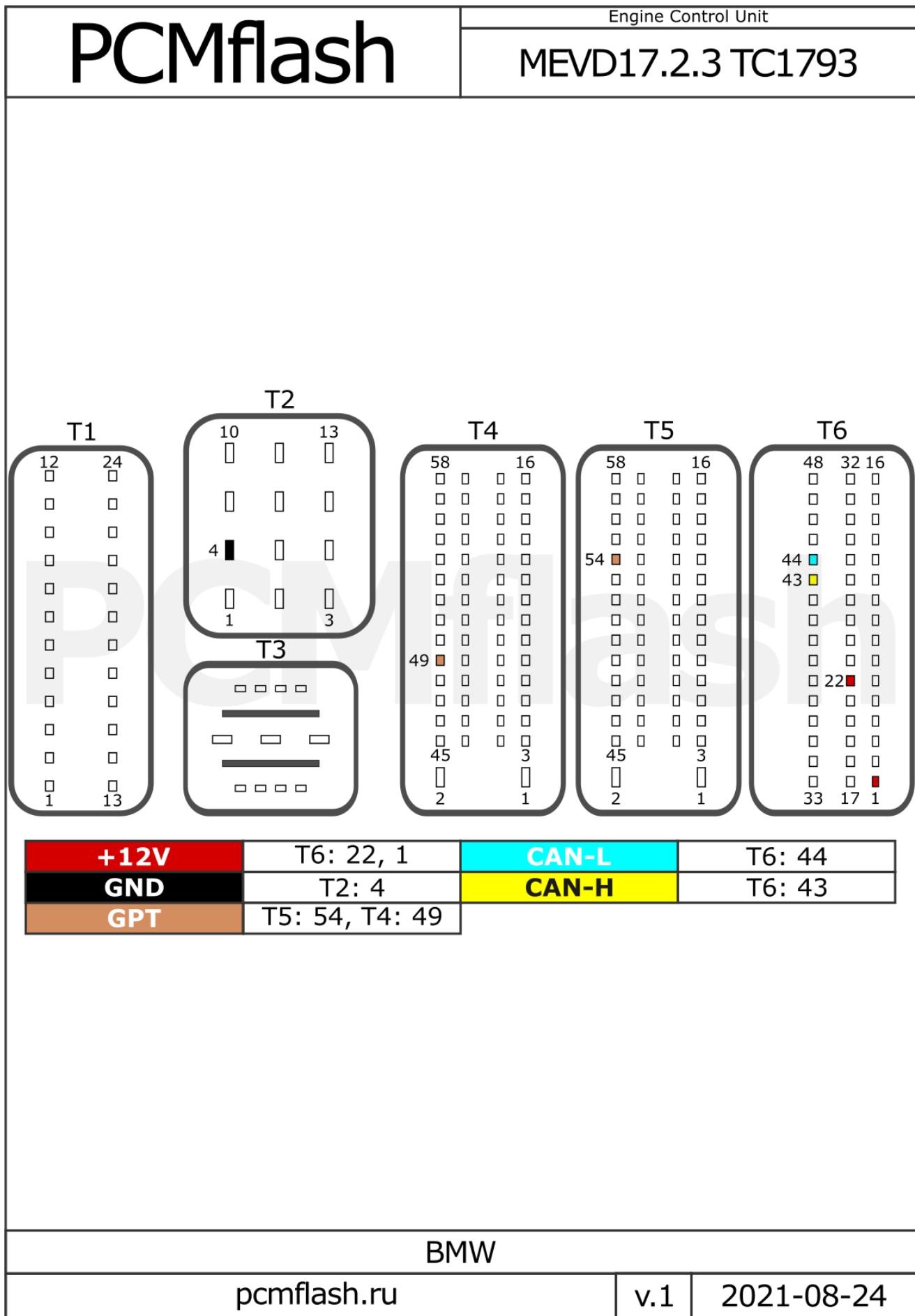
<b>PCMflash</b>	Engine Control Unit
	<b>MEV17.2.2 TC1767</b>



+12V	T3: 5, 19	CAN-L	T3: 52
GND	T3: 4	CAN-H	T3: 40
GPT	T1: A2, T3:26		

BMW





# PCMflash

Engine Control Unit

## ME17.2.4 TC1793



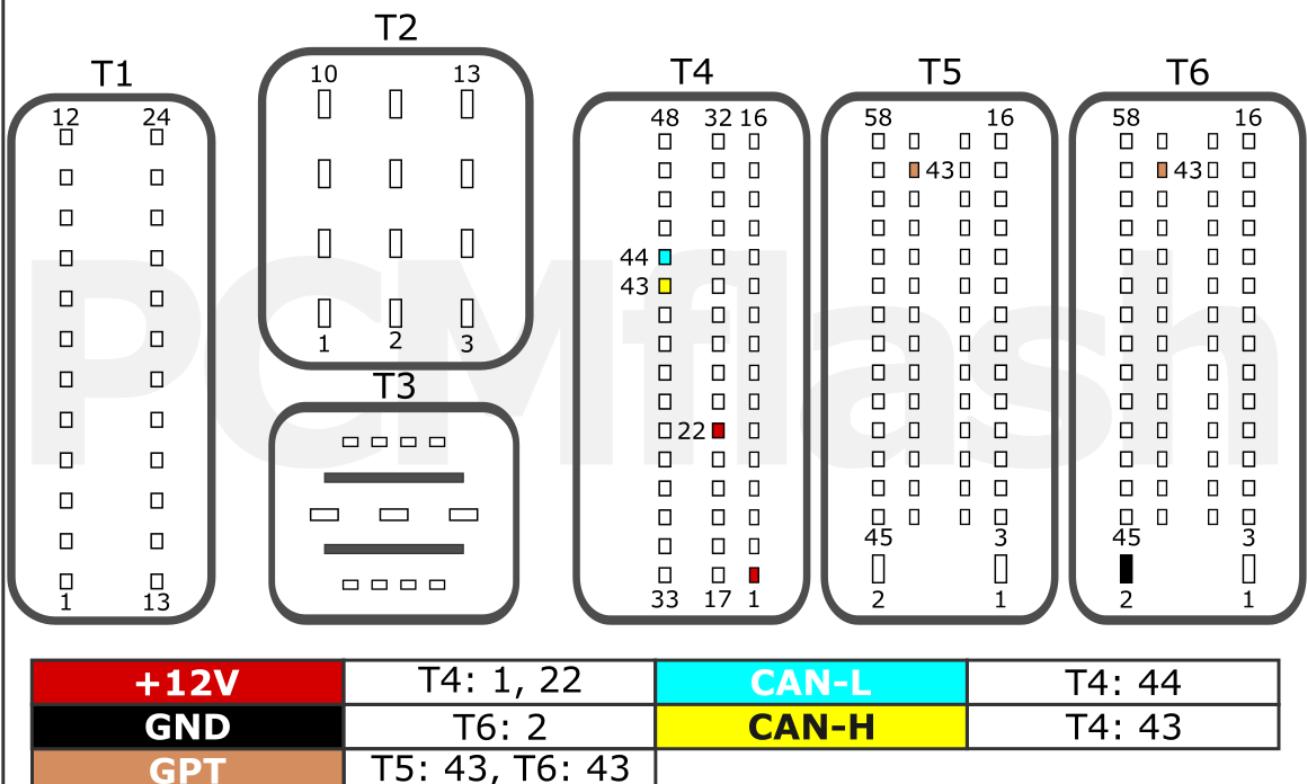
+12V	T58: 6, 52	CAN-L	T58: 42
GND	T58: 3	CAN-H	T58: 55
GPT	T96: 34, 39		

BMW

# PCMflash

Engine Control Unit

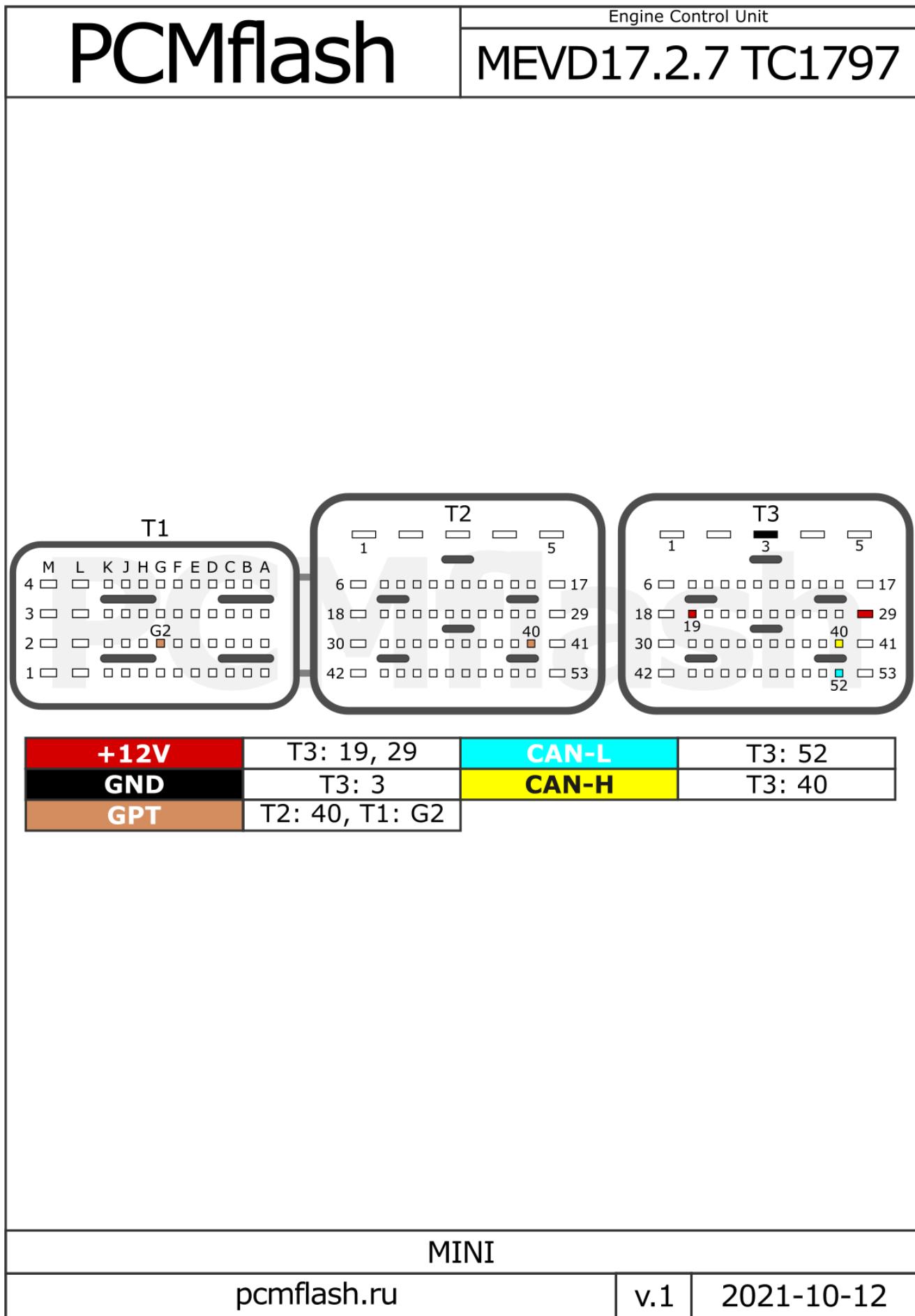
MEVD17.2.4 TC1797



BMW

<b>PCMflash</b>		Engine Control Unit	
<b>MEVD17.2.5 TC1797</b>			
T1		T2	
		T4	
		T5	
		T6	
+12V	T4: 22, 1	CAN-L	T4: 44
GND	T4: 10	CAN-H	T4: 43
GPT	T6: 16, T5: 43		
BMW			
pcmflash.ru	v.1	2021-10-11	

<h1>PCMflash</h1>		Engine Control Unit	
MEVD17.2.6 TC1797		MEVD17.2.6 TC1797	
T1	T2	T4	T5
+12V	T4: 42, 46	CAN-L	T4: 7
GND	T4: 30	CAN-H	T4: 8
GPT	T5: 6, T6: 51		
BMW			
pcmflash.ru		v.1	2021-08-29



<h1>PCMflash</h1>		Engine Control Unit	
MEVD17.2.8/17.2.9 TC1797		MEVD17.2.8/17.2.9 TC1797	
T1		T2	
		T4	
		T5	
		T6	
+12V	T4: 40, 22, 1	CAN-L	T4: 13
GND	T6: 2	CAN-H	T4: 28
GPT	T6: 43, T5: 43		
BMW			
pcmflash.ru		v.2	2022-01-24

<b>PCMflash</b>	Engine Control Unit
	<b>ME17.2.42 TC1793</b>

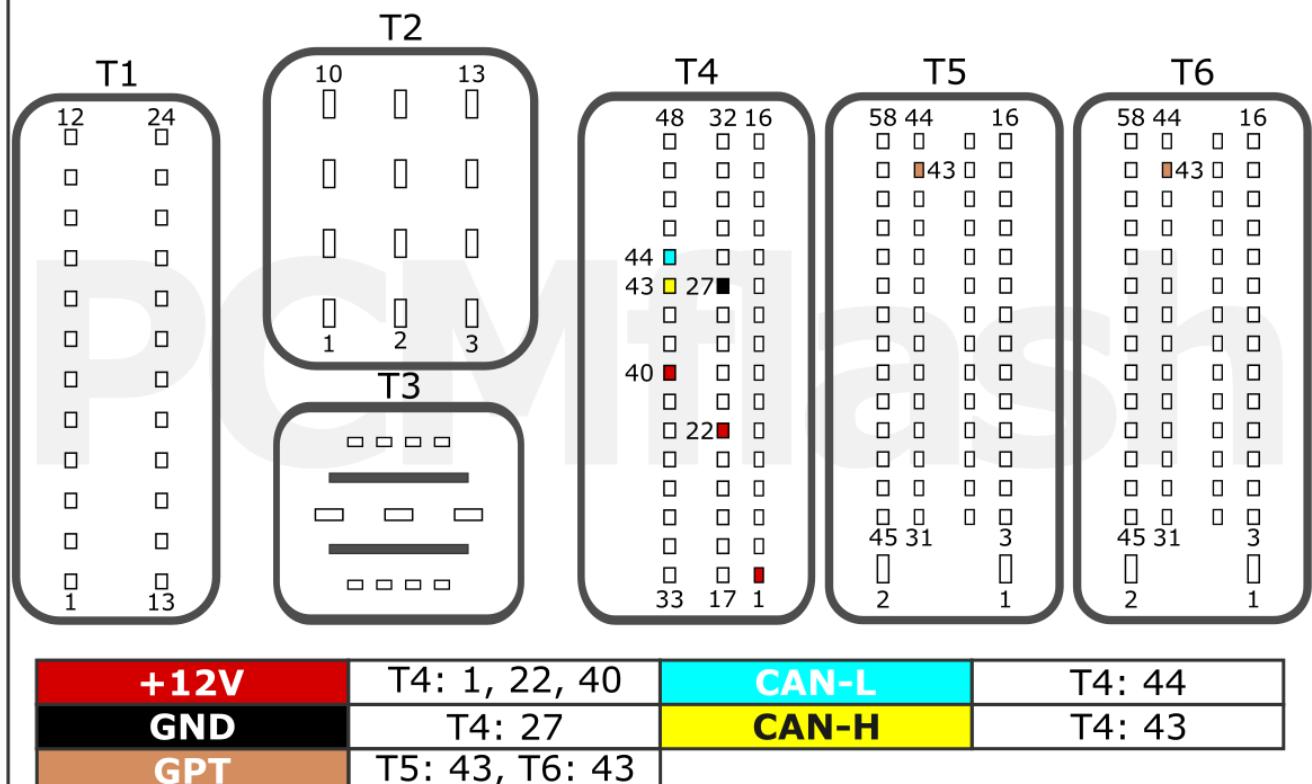


<b>+12V</b>	T58: 6, 52	<b>CAN-L</b>	T58: 42
<b>GND</b>	T58: 3	<b>CAN-H</b>	T58: 55
<b>GPT</b>	T96: 14; T58: 15		

<b>BMW</b>		
pcmflash.ru	v.1	2024-06-07

PCMflash		Engine Control Unit	
		MEVD17.2.G TC1797	
T1			
12	24		
1	13		
T2	10      13		
1	2	3	
T3			
+12V	T4: 42, 46	CAN-L	T4: 45
GND	T4: 35	CAN-H	T4: 44
GPT	T6: 51, T5: 6		
BMW			
pcmflash.ru		v.1	2021-10-08

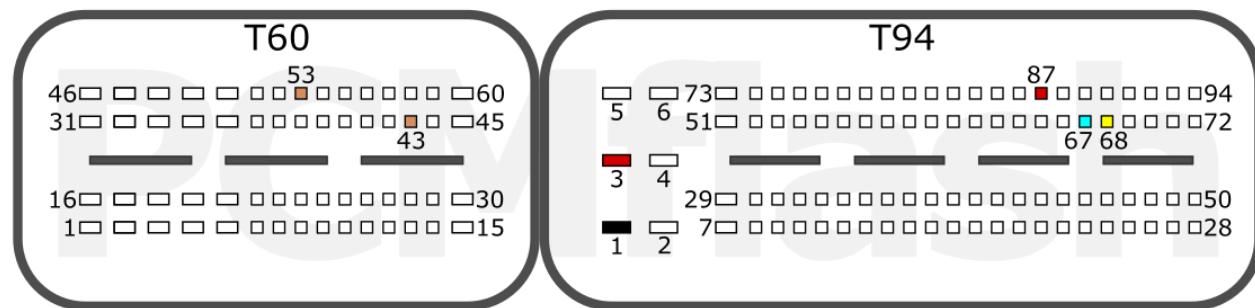
<b>PCMflash</b>	Engine Control Unit
	<b>MEVD17.2.H TC1797</b>



BMW

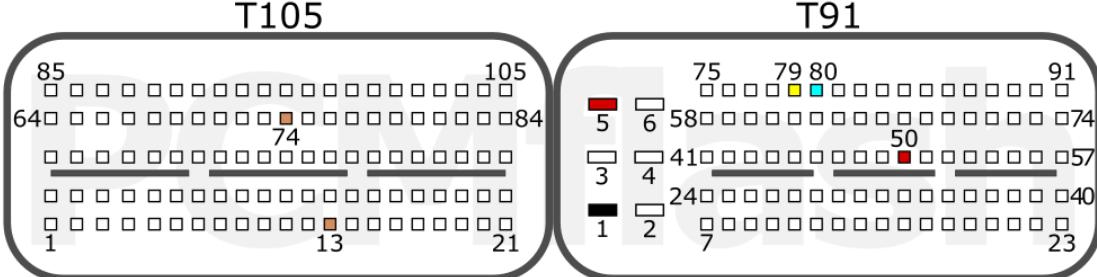
PCMflash		Engine Control Unit ME17.3 TC1724			
FIAT					
<b>+12V</b> <b>GND</b> <b>GPT</b>		T1: 49, 46 T1: 53 T2: 36, 13	CAN-L CAN-H T1: 32 T1: 44		
OPEL					
<b>+12V</b> <b>GND</b> <b>GPT</b>		T1: 49, 46 T1: 53 T2: 36, 1	CAN-L CAN-H T1: 32 T1: 44		
FIAT		OPEL			
pcmflash.ru		v.1	2021-10-31		

<b>PCMflash</b>	Engine Control Unit
	<b>MED17.3.1 TC1766</b>

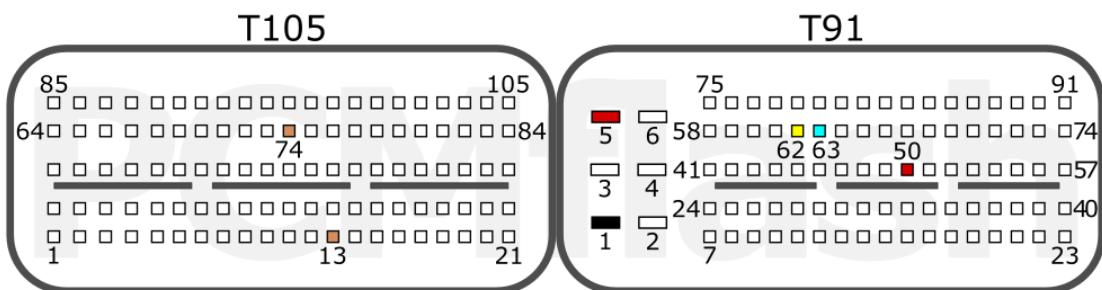


<b>+12V</b>	T94: 3, 87	<b>CAN-L</b>	T94: 67
<b>GND</b>	T94: 1	<b>CAN-H</b>	T94: 68
<b>GPT</b>	T60: 53, 43		

LANCIA

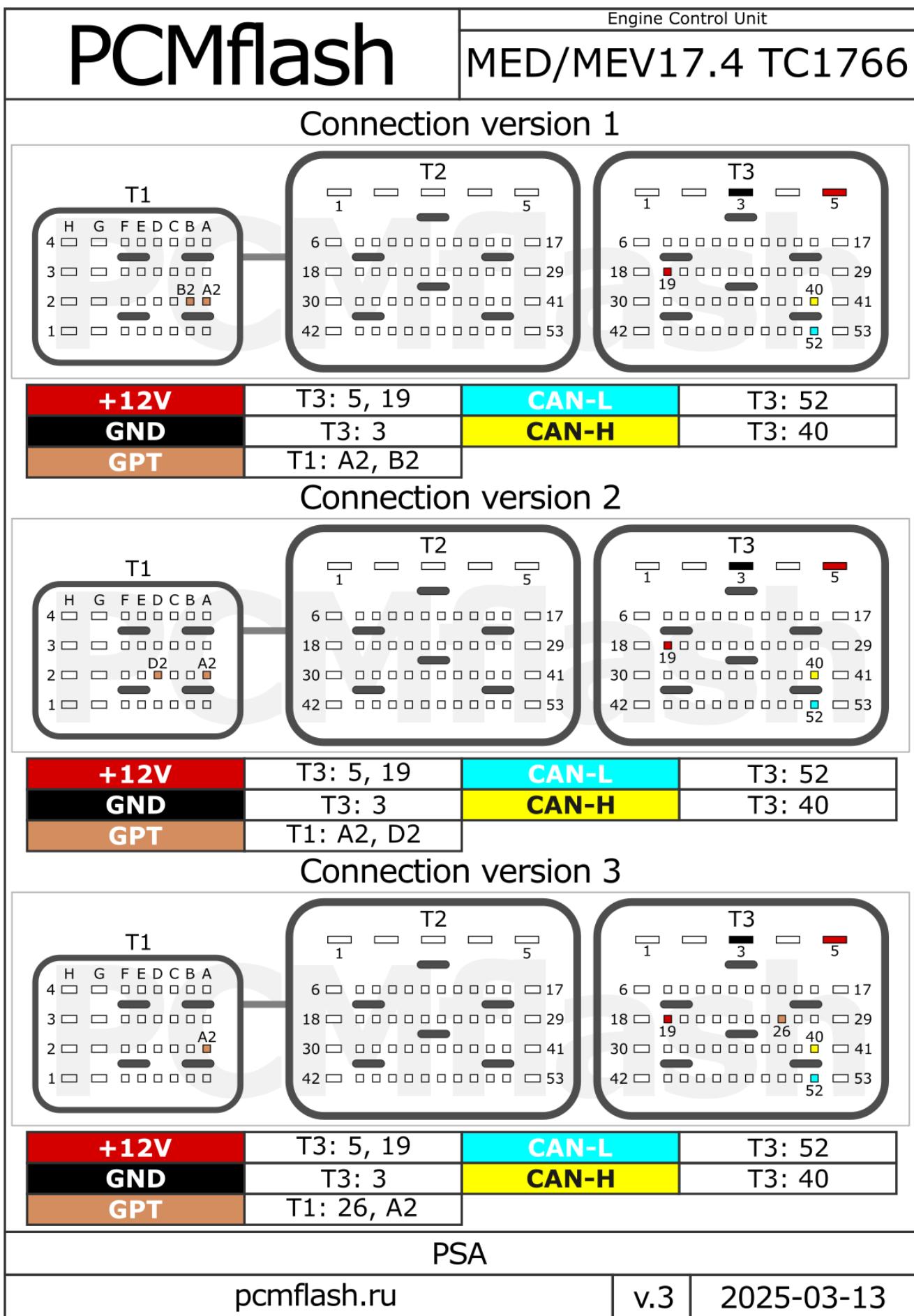
<h1>PCMflash</h1>	Engine Control Unit <b>MED17.3.4 TC1797</b>
	
<b>+12V</b> <b>GND</b> <b>GPT</b>	T91: 5, 50 T91: 1 T105: 13, 74
<b>CAN-L</b> <b>CAN-H</b>	T91: 80 T91: 79
<b>MASERATI</b>	
<a href="http://pcmflash.ru">pcmflash.ru</a>	v.1 2021-10-11

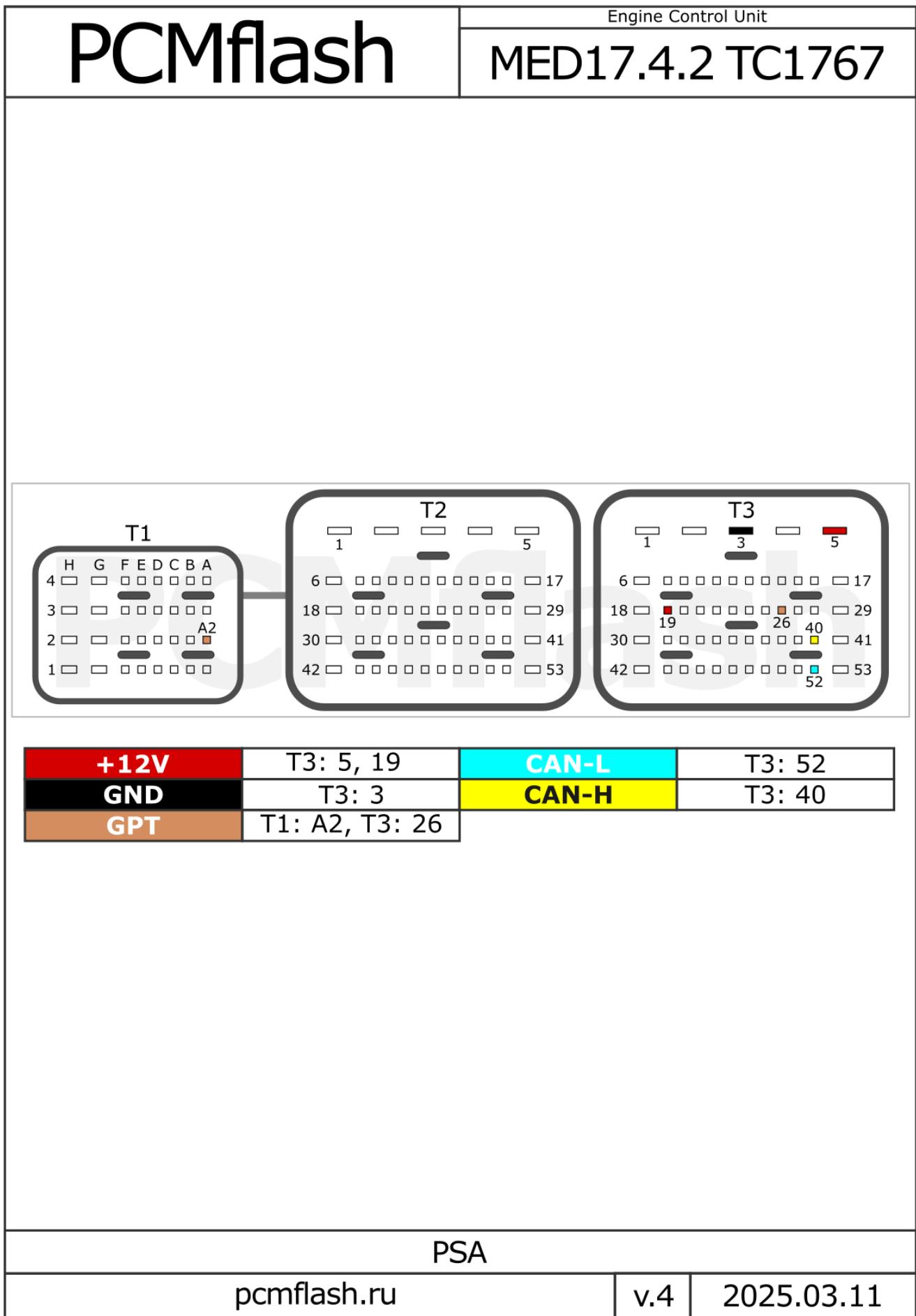
<b>PCMflash</b>	Engine Control Unit
	<b>MED17.3.5 TC1793</b>

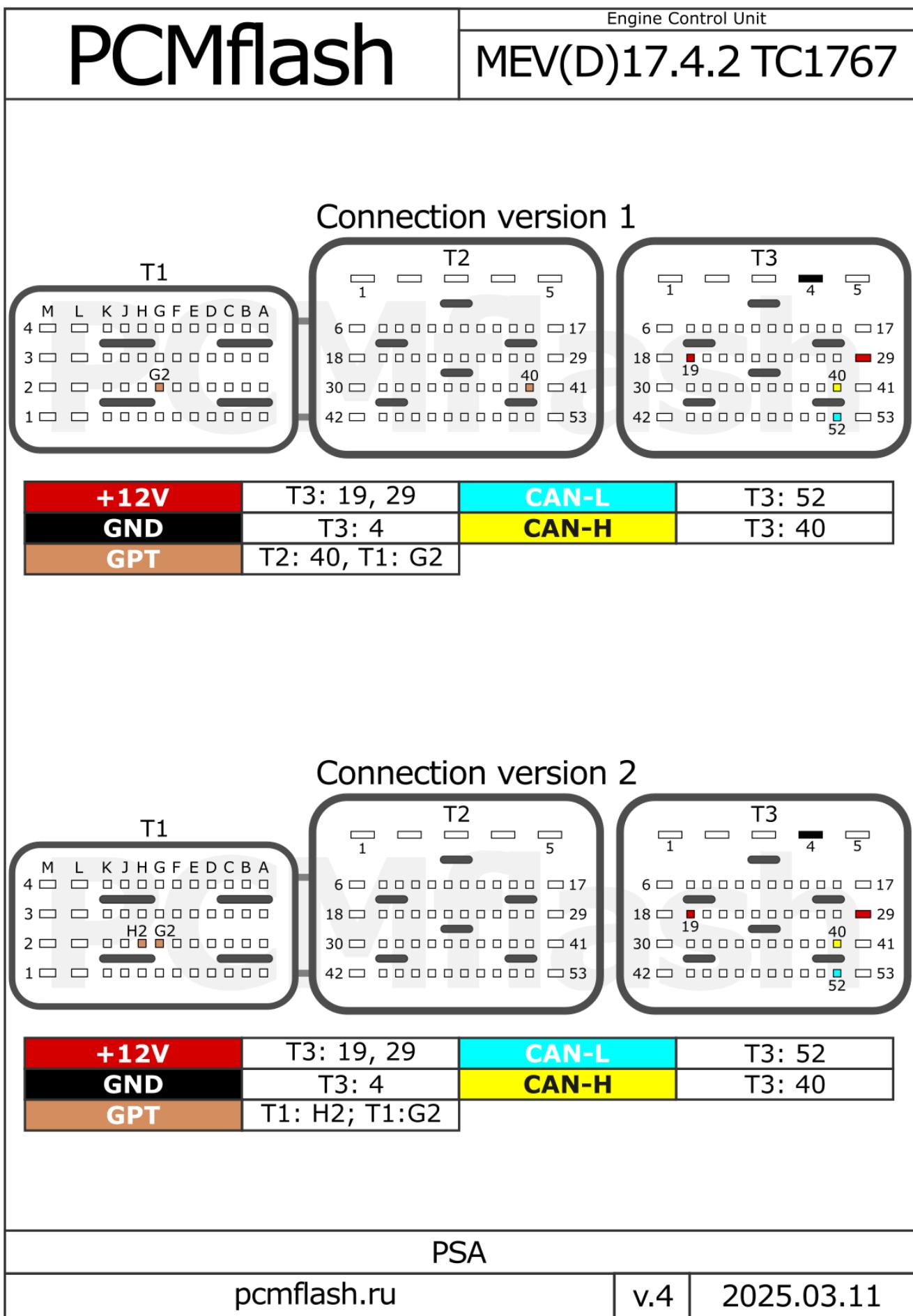


+12V	T91: 5, 50	CAN-L	T91: 63
GND	T91: 1	CAN-H	T91: 62
GPT	T105: 74, 13		

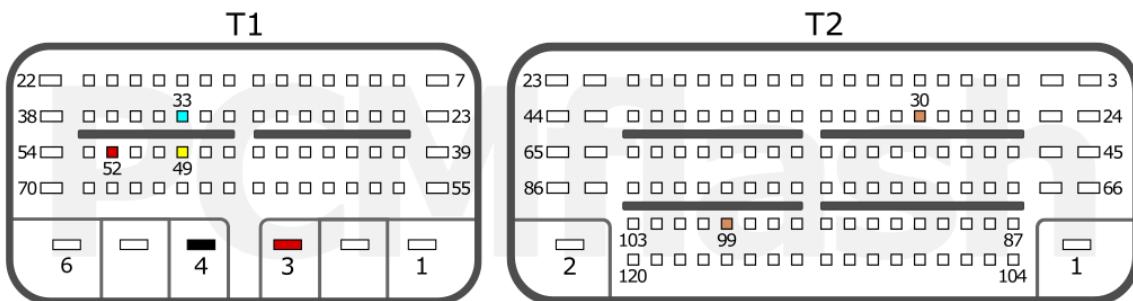
FERRARI





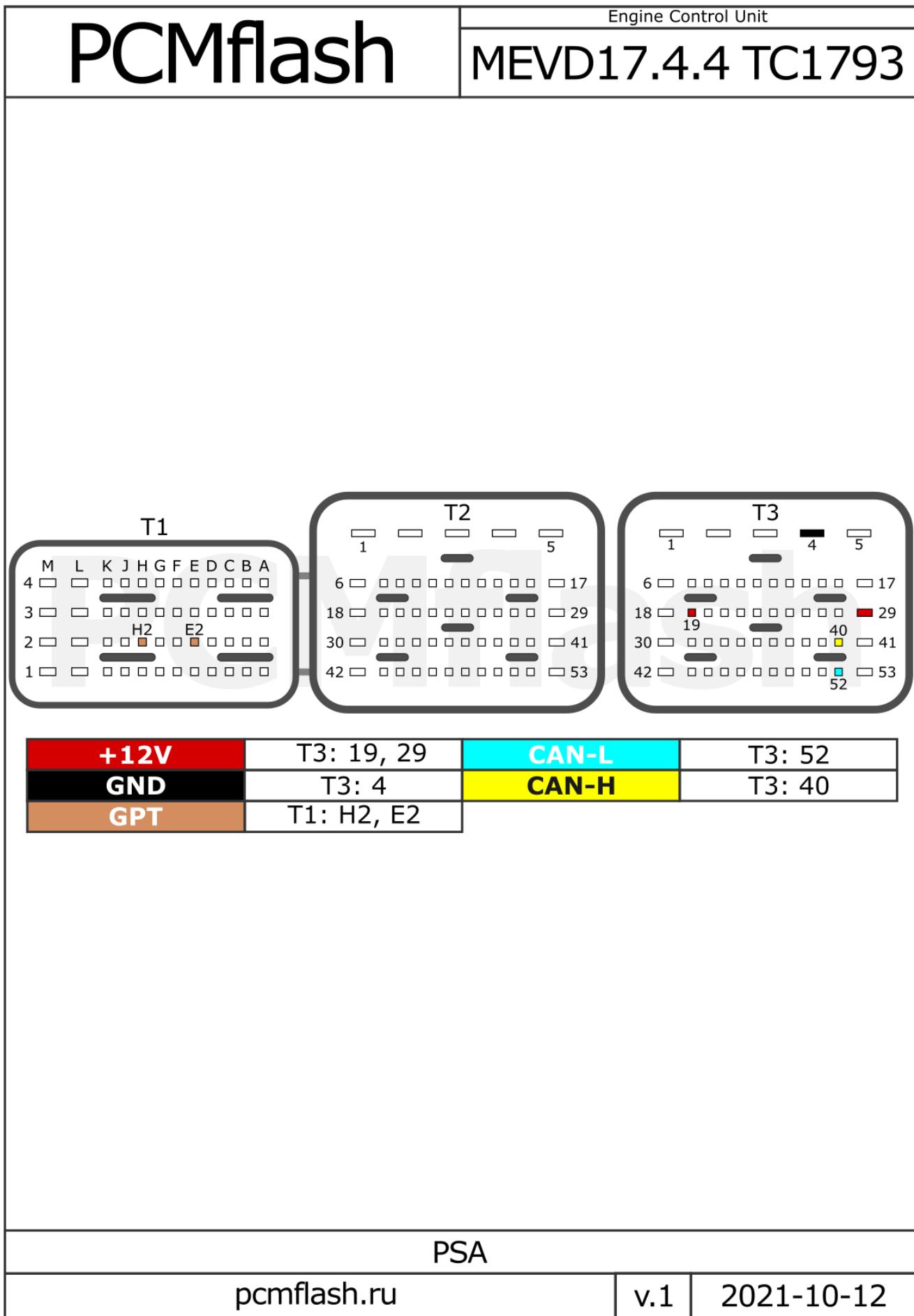


<h1>PCMflash</h1>	Engine Control Unit
	MED17.4.4 TC1793

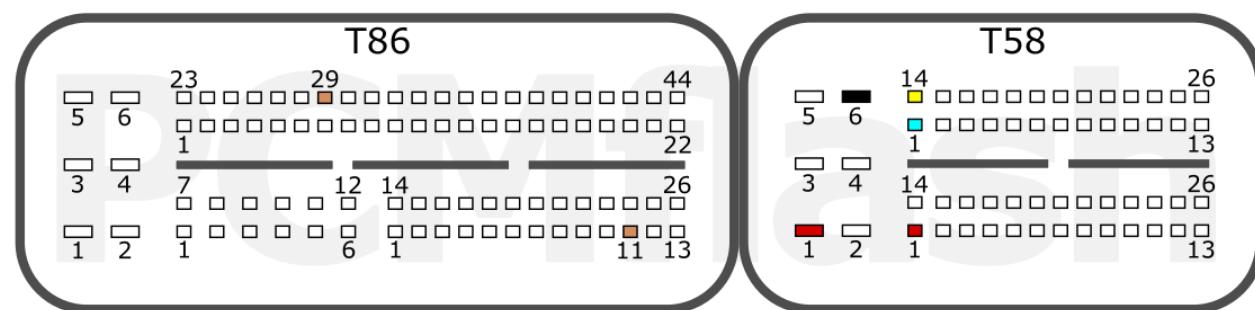


+12V	T1: 52, 3	CAN-L	T1: 33
GND	T1: 4	CAN-H	T1: 49
GPT	T2: 99, 30		

CITROEN



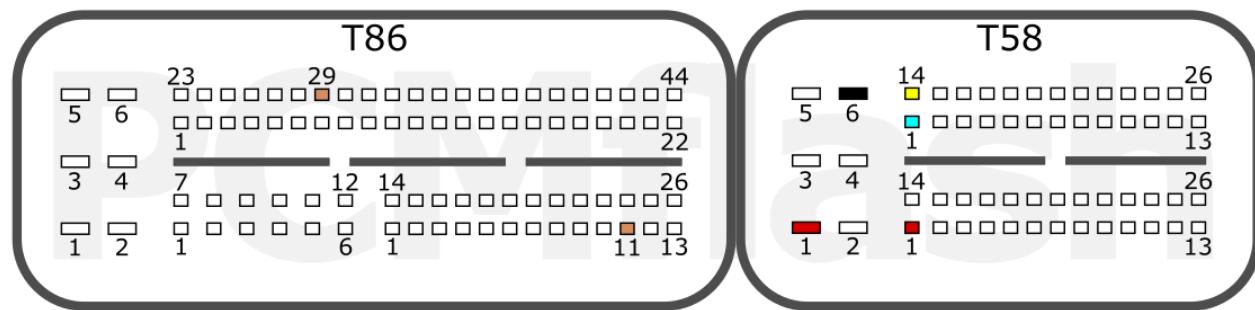
<b>PCMflash</b>	Engine Control Unit
	ME(V)17.4.5 TC1796



+12V	T58: 1, 1	CAN-L	T58: 1
GND	T58: 6	CAN-H	T58: 14
GPT	T86: 11, 29		

BMW

<b>PCMflash</b>	Engine Control Unit
	<b>MEV17.4.6 TC1796</b>



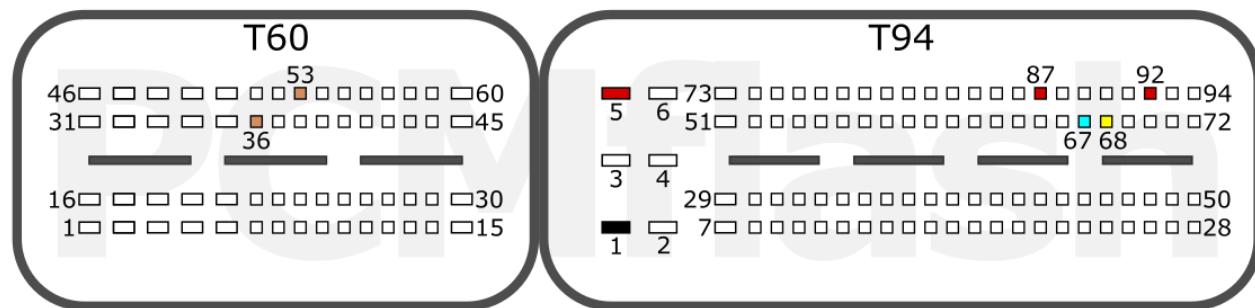
<b>+12V</b>	T58: 1, 1	<b>CAN-L</b>	T58: 1
<b>GND</b>	T58: 6	<b>CAN-H</b>	T58: 14
<b>GPT</b>	T86: 11, 29		

BMW

PCMflash	Engine Control Unit		
	ME17.5 TC1766		
	T60	T94	
+12V	T94: 5, 87	CAN-L	T94: 67
GND	T94: 1	CAN-H	T94: 68
GPT	T60: 6, 51		
VAG			
pcmflash.ru	v.1	2021-12-06	

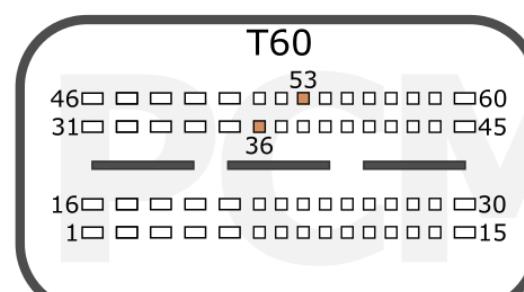
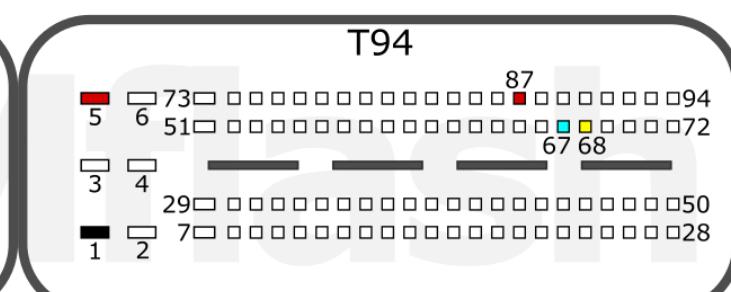
PCMflash		Engine Control Unit MED17.5 TC1766			
SKODA					
+12V	T94: 5, 87, 92	CAN-L	T94: 67		
GND	T94: 1	CAN-H	T94: 68		
GPT	T60: 52, 53				
VAG					
+12V	T94: 5, 87, 92	CAN-L	T94: 67		
GND	T94: 1	CAN-H	T94: 68		
GPT	T60: 53, 36				
SKODA		VAG			
pcmflash.ru		v.2	2022-03-31		

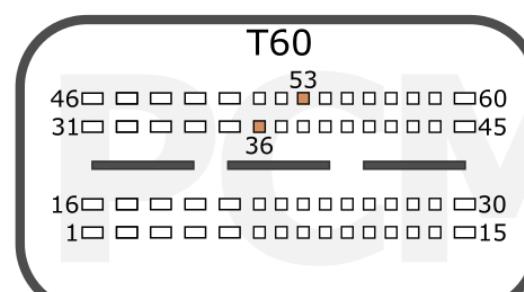
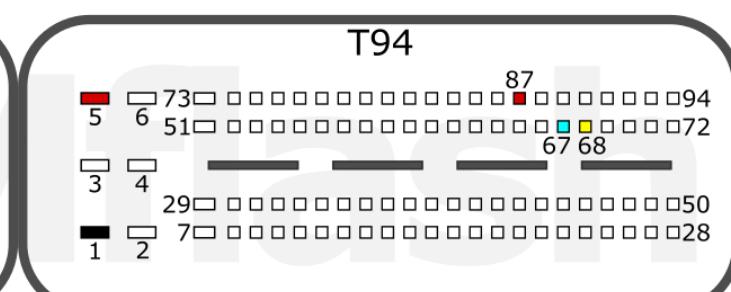
<b>PCMflash</b>	Engine Control Unit
	<b>MED17.5.1 TC1796</b>



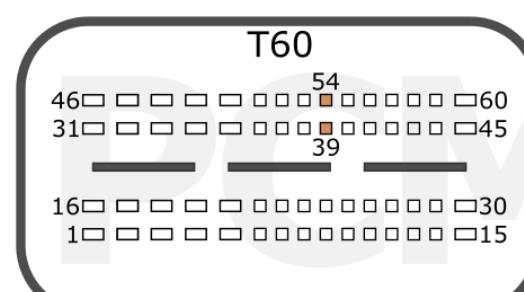
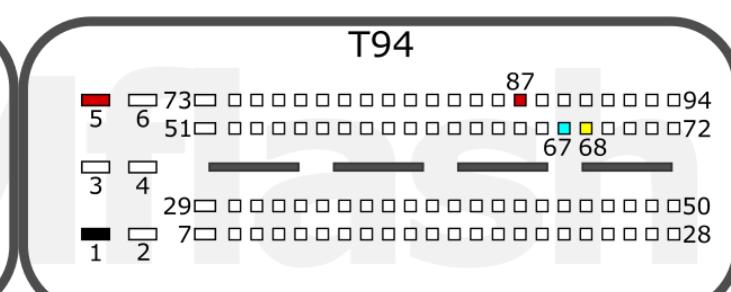
<b>+12V</b>	T94: 5, 87, 92	<b>CAN-L</b>	T94: 67
<b>GND</b>	T94: 1	<b>CAN-H</b>	T94: 68
<b>GPT</b>	T60: 36, 53		

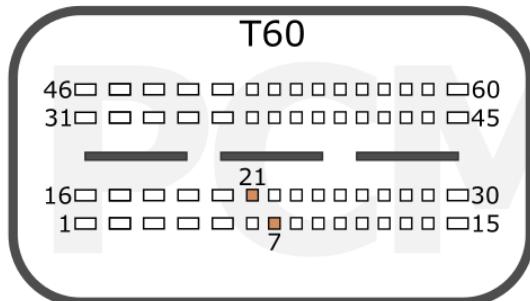
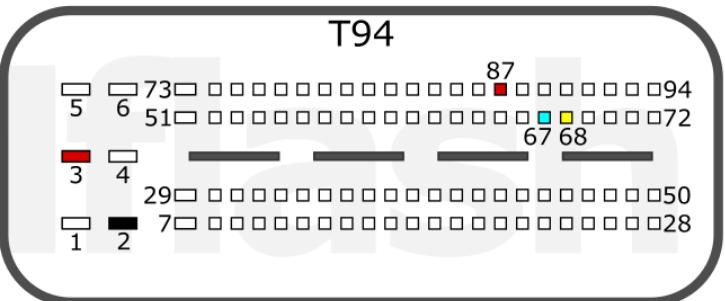
VAG

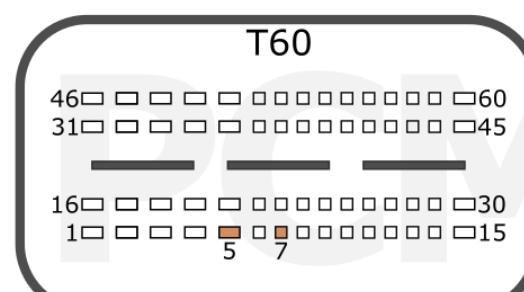
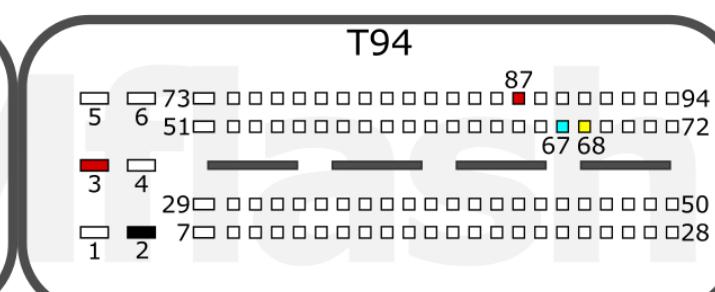
<b>PCMflash</b>	Engine Control Unit <b>MED17.5.2 TC1767</b>	
<b>T60</b>	<b>T94</b>	
		
<b>+12V</b> <b>GND</b> <b>GPT</b>	T94: 5, 87 T94: 1 T60: 53, 36	
	<b>CAN-L</b> <b>CAN-H</b>	
	T94: 67 T94: 68	
<b>VAG</b>		
pcmflash.ru	v.1	2021-09-02

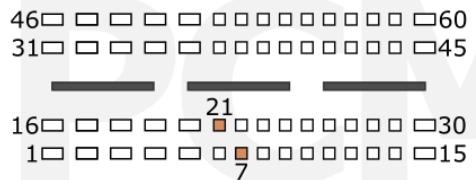
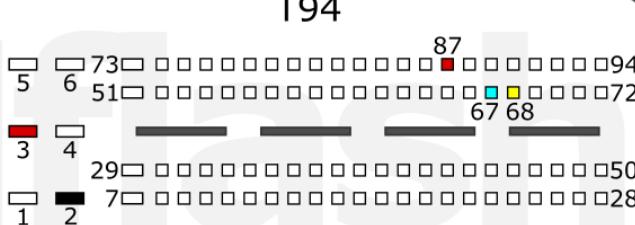
PCMflash	Engine Control Unit MED17.5.5 TC1766
	
<b>+12V</b>	T94: 5, 87
<b>GND</b>	T94: 1
<b>GPT</b>	T60: 53, 36
	<b>CAN-L</b>
	T94: 67
	<b>CAN-H</b>
	T94: 68
VAG	
pcmflash.ru	v.1 2021-10-07

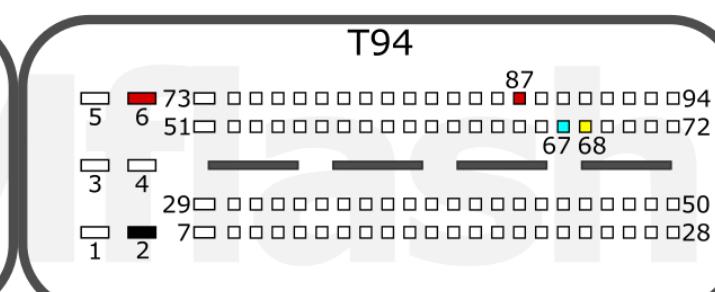
<h1>PCMflash</h1>	Engine Control Unit <b>ME17.5.6 TC1767</b>
<b>+12V</b> <b>GND</b> <b>GPT</b>	T94: 5, 87 T94: 1 T60: 6, 51
<b>CAN-L</b> <b>CAN-H</b>	T94: 67 T94: 68
<b>VAG</b>	
<a href="http://pcmflash.ru">pcmflash.ru</a>	v.2 2023-05-21

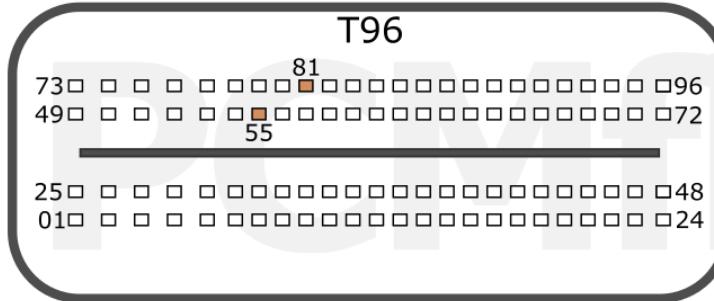
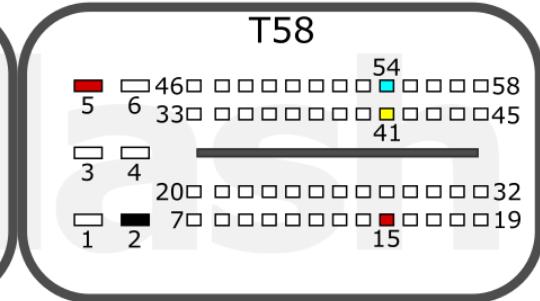
PCMflash	Engine Control Unit
	MED17.5.20 TC1766
	
+12V	T94: 5, 87
GND	T94: 1
GPT	T60: 39, 54
VAG	
pcmflash.ru	v.1 2022-02-28

<h1>PCMflash</h1>	Engine Control Unit <b>MED17.5.21 TC1782</b>												
 <p><b>T60</b></p> <p>46 31 60 31 45 — 21 — 16 1 30 1 7 15</p>	 <p><b>T94</b></p> <p>87 94 5 6 51 72 3 4 29 50 1 2 7 28</p>												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: red; color: white; padding: 2px;"><b>+12V</b></td><td style="padding: 2px;">T94: 3, 87</td><td style="background-color: cyan; color: black; padding: 2px;"><b>CAN-L</b></td><td style="padding: 2px;">T94: 67</td></tr> <tr> <td style="background-color: black; color: white; padding: 2px;"><b>GND</b></td><td style="padding: 2px;">T94: 2</td><td style="background-color: yellow; color: black; padding: 2px;"><b>CAN-H</b></td><td style="padding: 2px;">T94: 68</td></tr> <tr> <td style="background-color: brown; color: white; padding: 2px;"><b>GPT</b></td><td style="padding: 2px;">T60: 21, 7</td><td></td><td></td></tr> </table>	<b>+12V</b>	T94: 3, 87	<b>CAN-L</b>	T94: 67	<b>GND</b>	T94: 2	<b>CAN-H</b>	T94: 68	<b>GPT</b>	T60: 21, 7			
<b>+12V</b>	T94: 3, 87	<b>CAN-L</b>	T94: 67										
<b>GND</b>	T94: 2	<b>CAN-H</b>	T94: 68										
<b>GPT</b>	T60: 21, 7												
<a href="http://pcmflash.ru">pcmflash.ru</a>	VAG v.1    2021-09-30												

<h1>PCMflash</h1>	Engine Control Unit <b>ME17.5.22 TC1724</b>												
 <p><b>T60</b></p> <p>46 31 16 1 60 45 30 15 5 7</p>	 <p><b>T94</b></p> <p>87 73 51 29 50 28 5 6 4 2 72 67 68 3 1 2</p>												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: red; color: white; padding: 2px;"><b>+12V</b></td><td style="padding: 2px;">T94: 3, 87</td><td style="background-color: cyan; color: black; padding: 2px;"><b>CAN-L</b></td><td style="padding: 2px;">T94: 67</td></tr> <tr> <td style="background-color: black; color: white; padding: 2px;"><b>GND</b></td><td style="padding: 2px;">T94: 2</td><td style="background-color: yellow; color: black; padding: 2px;"><b>CAN-H</b></td><td style="padding: 2px;">T94: 68</td></tr> <tr> <td style="background-color: brown; color: white; padding: 2px;"><b>GPT</b></td><td style="padding: 2px;">T60: 5, 7</td><td></td><td></td></tr> </table>	<b>+12V</b>	T94: 3, 87	<b>CAN-L</b>	T94: 67	<b>GND</b>	T94: 2	<b>CAN-H</b>	T94: 68	<b>GPT</b>	T60: 5, 7			
<b>+12V</b>	T94: 3, 87	<b>CAN-L</b>	T94: 67										
<b>GND</b>	T94: 2	<b>CAN-H</b>	T94: 68										
<b>GPT</b>	T60: 5, 7												
<b>VAG</b>													
<a href="http://pcmflash.ru">pcmflash.ru</a>	v.1	2024-07-12											

PCMflash	Engine Control Unit MED17.5.25 TC1782		
	T60	T94	
			
+12V	T94: 3, 87	CAN-L	T94: 67
GND	T94: 2	CAN-H	T94: 68
GPT	T60: 21, 7		
SKODA			
pcmflash.ru	v.1	2021-09-26	

<h1>PCMflash</h1>	Engine Control Unit <b>ME17.5.26 TC1724</b>												
 <p><b>T60</b></p> <p>46 31 16 1 60 45 30 15 5 7</p>	 <p><b>T94</b></p> <p>87 73 6 51 3 4 29 7 1 94 72 67 68 50 28</p>												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="color: red; padding: 2px;"><b>+12V</b></td> <td style="padding: 2px;">T94: 6, 87</td> <td style="color: cyan; padding: 2px;"><b>CAN-L</b></td> <td style="padding: 2px;">T94: 67</td> </tr> <tr> <td style="color: black; padding: 2px;"><b>GND</b></td> <td style="padding: 2px;">T94: 2</td> <td style="color: yellow; padding: 2px;"><b>CAN-H</b></td> <td style="padding: 2px;">T94: 68</td> </tr> <tr> <td style="color: brown; padding: 2px;"><b>GPT</b></td> <td style="padding: 2px;">T60: 7, 5</td> <td></td> <td></td> </tr> </table>	<b>+12V</b>	T94: 6, 87	<b>CAN-L</b>	T94: 67	<b>GND</b>	T94: 2	<b>CAN-H</b>	T94: 68	<b>GPT</b>	T60: 7, 5			
<b>+12V</b>	T94: 6, 87	<b>CAN-L</b>	T94: 67										
<b>GND</b>	T94: 2	<b>CAN-H</b>	T94: 68										
<b>GPT</b>	T60: 7, 5												
<b>VAG</b>													
<a href="http://pcmflash.ru">pcmflash.ru</a>	v.1	2021-08-27											

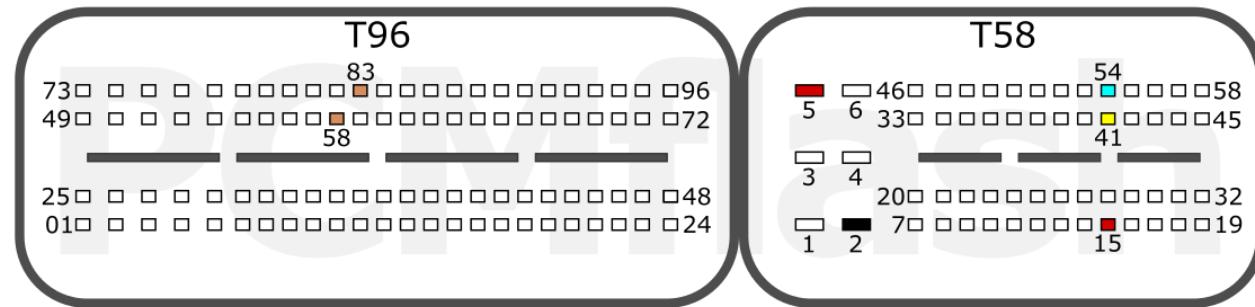
<b>PCMflash</b>	Engine Control Unit <b>ME17.7 TC1796</b>
	
<b>+12V</b>	T58: 5, 15
<b>GND</b>	T58: 2
<b>GPT</b>	T96: 81, 55
	<b>CAN-L</b>
	T58: 54
	<b>CAN-H</b>
	T58: 41
MB	
pcmflash.ru	v.1 2021-10-13

# PCMflash

Engine Control Unit

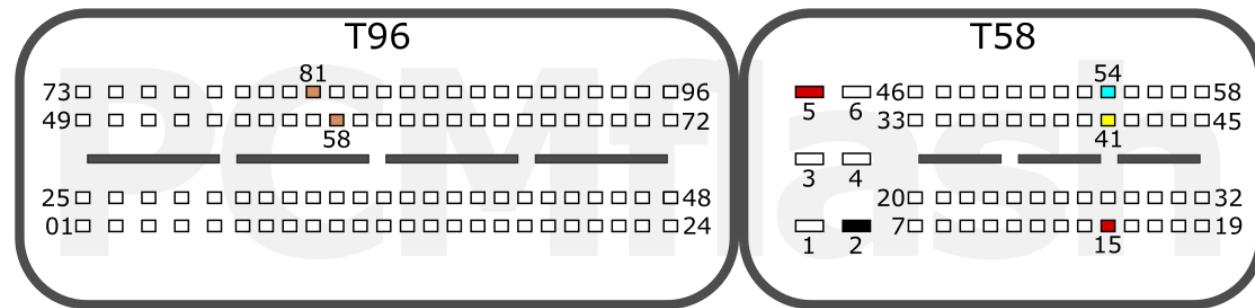
## MED17.7.1 TC1797

### Connection version 1



+12V	T58: 5, 15	CAN-L	T58: 54
GND	T58: 2	CAN-H	T58: 41
GPT	T96: 83, 58		

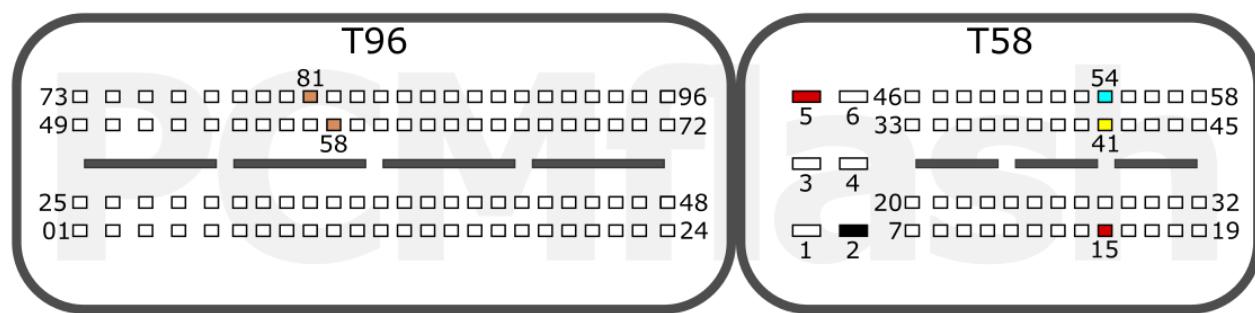
### Connection version 2



+12V	T58: 5, 15	CAN-L	T58: 54
GND	T58: 2	CAN-H	T58: 41
GPT	T96: 81, 58		

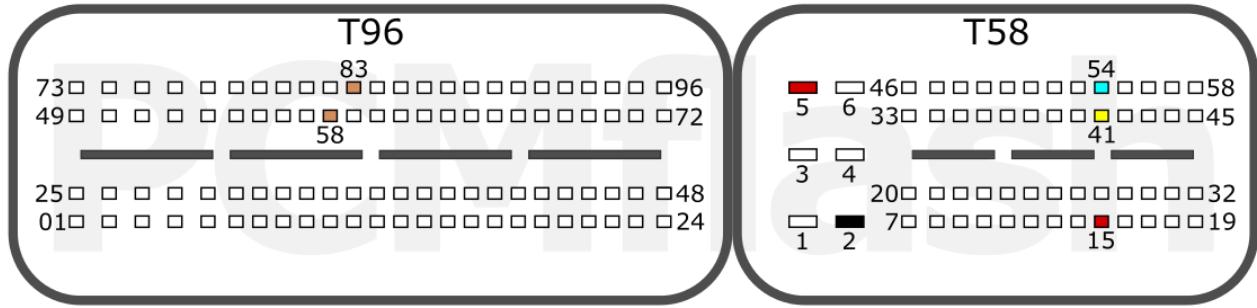
MB

<b>PCMflash</b>	Engine Control Unit
	<b>MED17.7.2 TC1797</b>

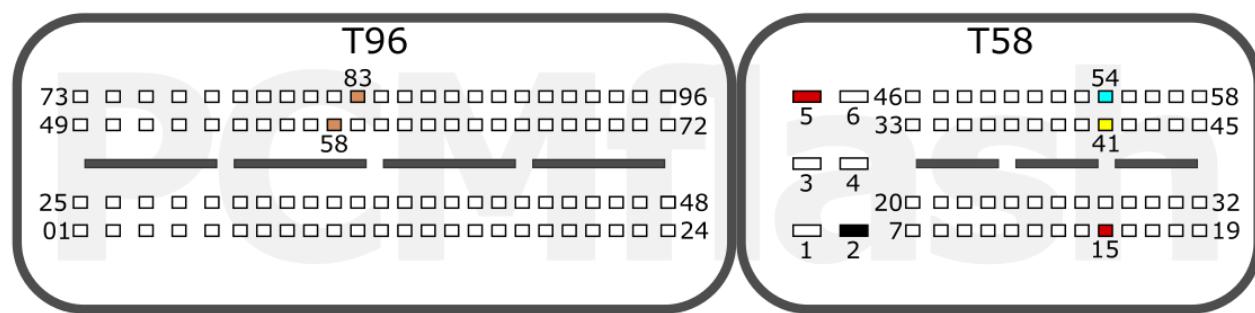


<b>+12V</b>	T58: 5, 15	<b>CAN-L</b>	T58: 54
<b>GND</b>	T58: 2	<b>CAN-H</b>	T58: 41
<b>GPT</b>	T96: 81, 58		

INFINITI	MB
pcmflash.ru	v.1 2021-09-08

PCMflash	Engine Control Unit		
	MED17.7.3 TC1797		
			
+12V	T58: 5, 15	CAN-L	T58: 54
GND	T58: 2	CAN-H	T58: 41
GPT	T96: 83, 58		
MB			
pcmflash.ru	v.1	2021-09-08	

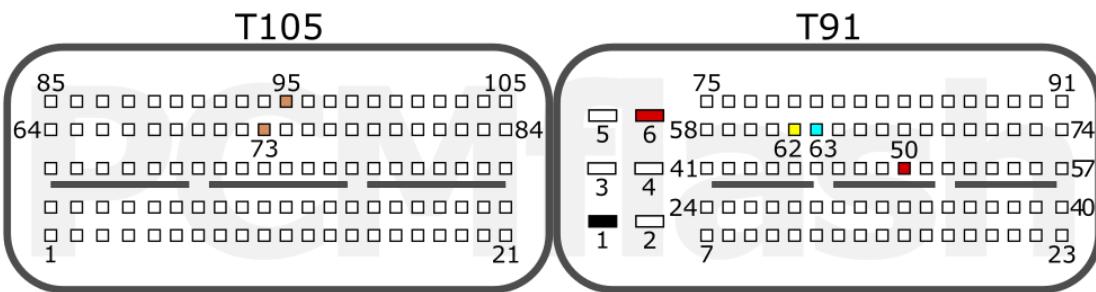
<b>PCMflash</b>	Engine Control Unit
	<b>MED17.7.3.1 TC1797</b>



<b>+12V</b>	T58: 5, 15	<b>CAN-L</b>	T58: 54
<b>GND</b>	T58: 2	<b>CAN-H</b>	T58: 41
<b>GPT</b>	T96: 83, 58		

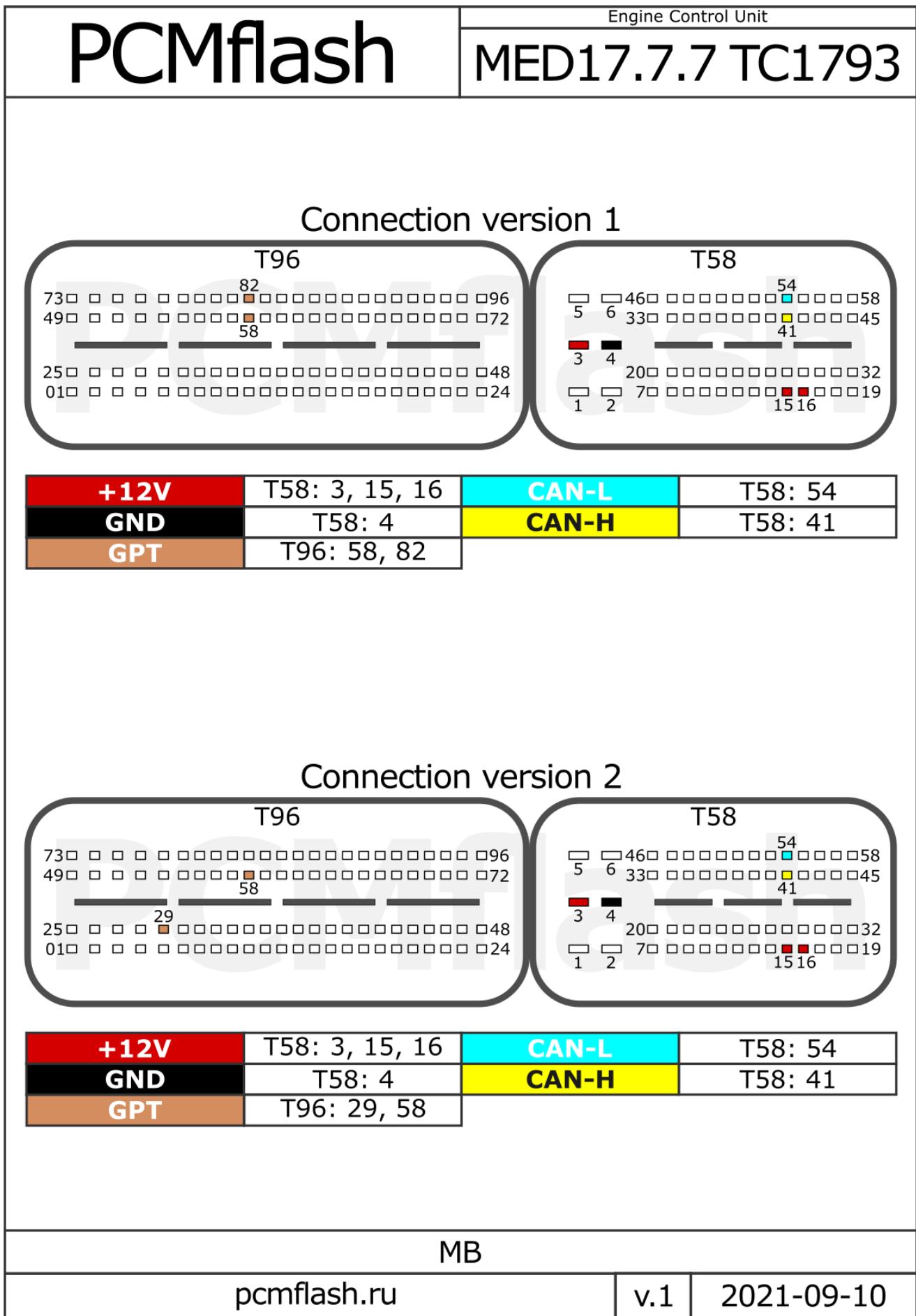
MB

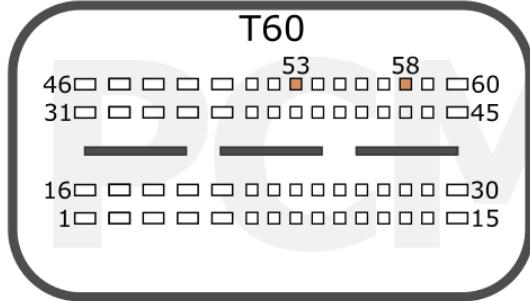
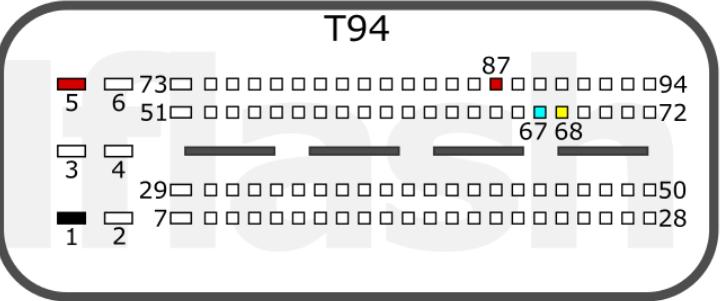
<b>PCMflash</b>	Engine Control Unit
	<b>MED17.7.5 TC1793</b>



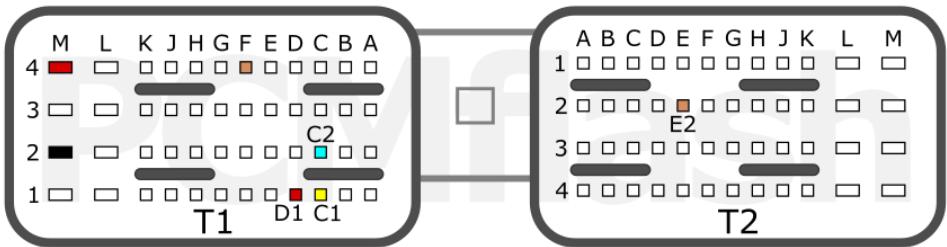
<b>+12V</b>	T91: 6, 50	<b>CAN-L</b>	T91: 63
<b>GND</b>	T91: 1	<b>CAN-H</b>	T91: 62
<b>GPT</b>	T105: 73, 95		

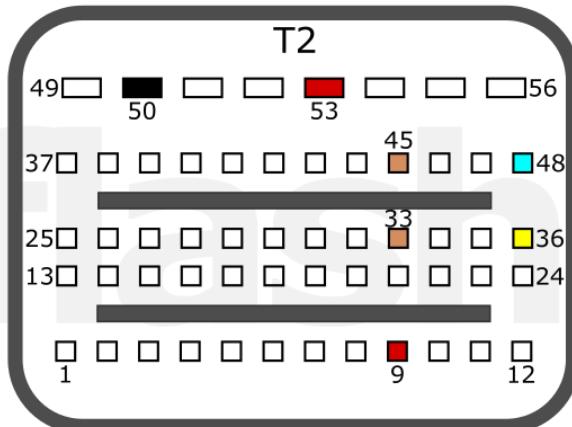
MB



PCMflash	Engine Control Unit	
	MED17.8.2 TC1767	
	T60	
+12V	T94: 5, 87	CAN-L
GND	T94: 1	CAN-H
GPT	T60: 53, 58	
GEELY		
pcmflash.ru	v.1	2021-11-01

<b>PCMflash</b>		Engine Control Unit	
<b>MEVD17.8.4 TC1797</b>			
T1		T2	
12	24	10	13
□	□	□	□
□	□	□	□
□	□	□	□
□	□	□	□
□	□	□	□
□	□	□	□
□	□	□	□
□	□	□	□
□	□	1	2
1	13	3	
T3			
+12V	T4: 1, 22	CAN-L	T4: 44
GND	T6: 2	CAN-H	T4: 43
GPT	T5: 43, T6: 43		
BMW			
pcmflash.ru		v.1	2021-11-01

<h1>PCMflash</h1>	Engine Control Unit <b>ME17.8.5 TC1762</b>
	
<b>+12V</b> <b>GND</b> <b>GPT</b>	T1: M4, D1 T1: M2 T1: F4, T2:E2
<b>CAN-L</b> <b>CAN-H</b>	T1: C2 T1: C1
ROTAX <a href="http://pcmflash.ru">pcmflash.ru</a> v.1      2021-09-28	

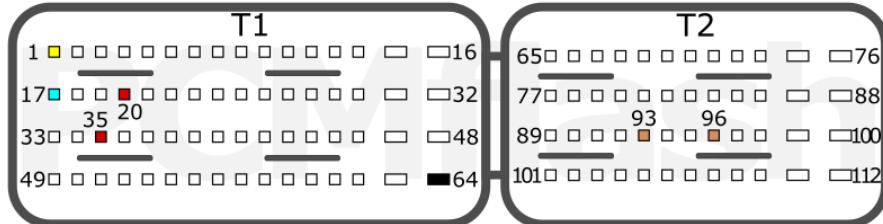
<h1>PCMflash</h1>	Engine Control Unit <b>M17.8.7 TC1762</b>										
											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: red; padding: 2px;"><b>+12V</b></td><td style="padding: 2px;">T2: 53, 9</td></tr> <tr> <td style="background-color: black; padding: 2px;"><b>GND</b></td><td style="padding: 2px;">T2: 50</td></tr> <tr> <td style="background-color: orange; padding: 2px;"><b>GPT</b></td><td style="padding: 2px;">T2: 45, 33</td></tr> </table>	<b>+12V</b>	T2: 53, 9	<b>GND</b>	T2: 50	<b>GPT</b>	T2: 45, 33	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: cyan; padding: 2px;"><b>CAN-L</b></td><td style="padding: 2px;">T2: 48</td></tr> <tr> <td style="background-color: yellow; padding: 2px;"><b>CAN-H</b></td><td style="padding: 2px;">T2: 36</td></tr> </table>	<b>CAN-L</b>	T2: 48	<b>CAN-H</b>	T2: 36
<b>+12V</b>	T2: 53, 9										
<b>GND</b>	T2: 50										
<b>GPT</b>	T2: 45, 33										
<b>CAN-L</b>	T2: 48										
<b>CAN-H</b>	T2: 36										
<b>POLARIS ATV</b>											
<a href="http://pcmflash.ru">pcmflash.ru</a>	v.1    2021-12-09										

# PCMflash

Engine Control Unit

ME17.8.8/ME17.8.8.1/ME17U6 TC1728/TC1782

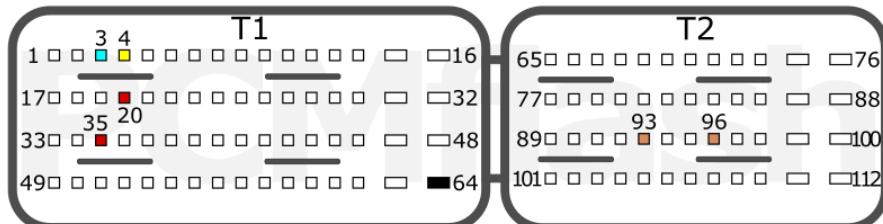
## Connection version 1



<b>+12V</b>	T1: 20, 35	<b>CAN-L</b>	T1: 17
<b>GND</b>	T1: 64	<b>CAN-H</b>	T1: 1
<b>GPT*</b>	T2: 93, 96		

\*Select "Use other GPT output pins" in the pcmflash settings or set GPT to EXT in case powerbox for PCMflash is used /  
При использовании powerbox for PCMflash выбрать режим GPT EXT или использовать альтернативные пины

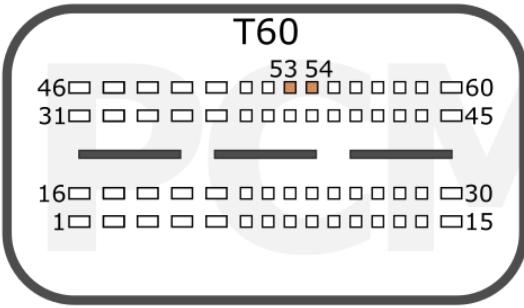
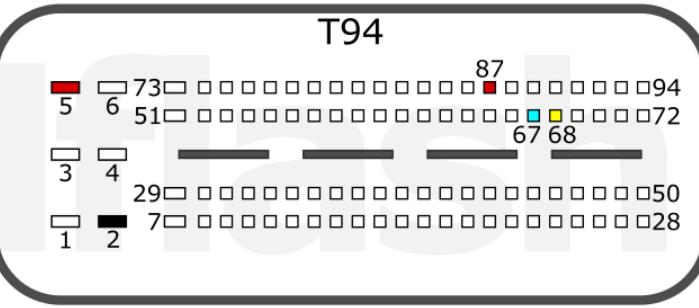
## Connection version 2

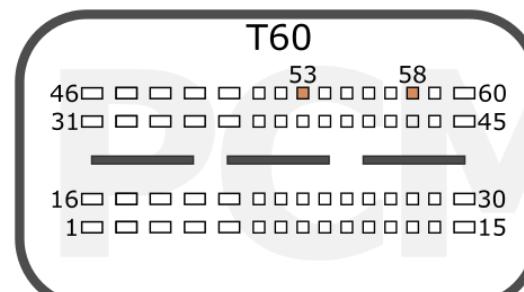
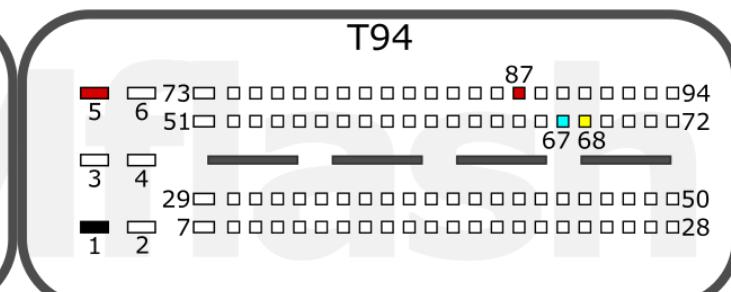


<b>+12V</b>	T1: 20, 35	<b>CAN-L</b>	T1: 3
<b>GND</b>	T1: 64	<b>CAN-H</b>	T1: 4
<b>GPT*</b>	T2: 93, 96		

\*Select "Use other GPT output pins" in the pcmflash settings or set GPT to EXT in case powerbox for PCMflash is used /  
При использовании powerbox for PCMflash выбрать режим GPT EXT или использовать альтернативные пины

CHINA

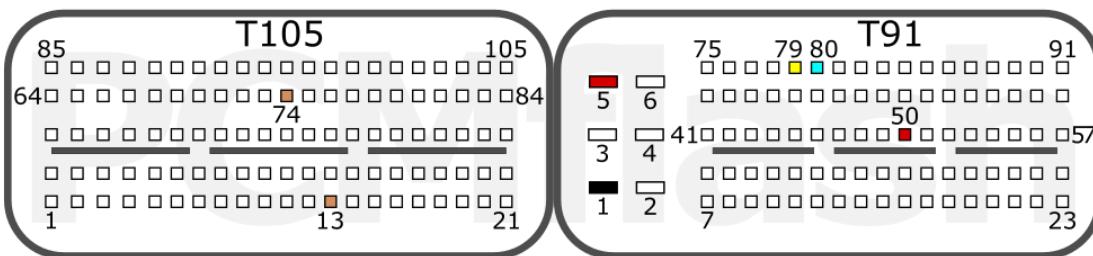
<b>PCMflash</b>	Engine Control Unit MED17.8.10 TC1728/TC1782
<b>T60</b>	<b>T94</b>
	
<b>+12V</b> <b>GND</b> <b>GPT</b>	T94: 5, 87 T94: 2 T60: 53, 54
	<b>CAN-L</b> <b>CAN-H</b>
	T94: 67 T94: 68
<b>CHINA</b>	
pcmflash.ru	v.2 2023-07-30

<h1>PCMflash</h1>	Engine Control Unit <b>MED17.8.21 TC1767</b>										
 <p><b>T60</b></p>	 <p><b>T94</b></p>										
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="color: red; padding: 2px;"><b>+12V</b></td><td style="padding: 2px;">T94: 5, 87</td></tr> <tr> <td style="color: black; padding: 2px;"><b>GND</b></td><td style="padding: 2px;">T94: 1</td></tr> <tr> <td style="color: brown; padding: 2px;"><b>GPT</b></td><td style="padding: 2px;">T60: 53, 58</td></tr> </table>	<b>+12V</b>	T94: 5, 87	<b>GND</b>	T94: 1	<b>GPT</b>	T60: 53, 58	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="color: cyan; padding: 2px;"><b>CAN-L</b></td><td style="padding: 2px;">T94: 67</td></tr> <tr> <td style="color: yellow; padding: 2px;"><b>CAN-H</b></td><td style="padding: 2px;">T94: 68</td></tr> </table>	<b>CAN-L</b>	T94: 67	<b>CAN-H</b>	T94: 68
<b>+12V</b>	T94: 5, 87										
<b>GND</b>	T94: 1										
<b>GPT</b>	T60: 53, 58										
<b>CAN-L</b>	T94: 67										
<b>CAN-H</b>	T94: 68										
<b>FOTON</b>											
<a href="http://pcmflash.ru">pcmflash.ru</a>	v.1	2021-10-31									

# PCMflash

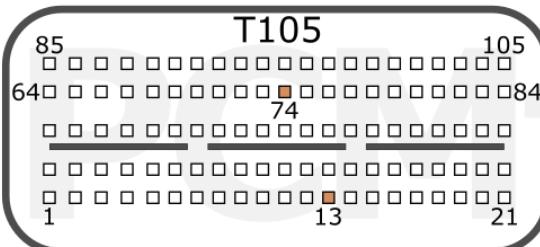
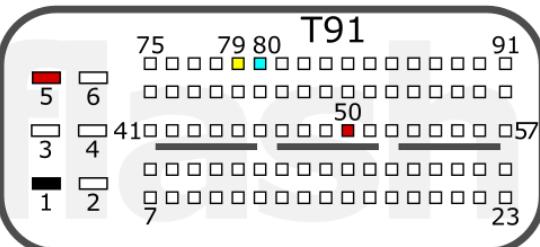
Engine Control Unit

## MED17.8.31 TC1797



+12V	T91: 5, 50	CAN-L	T91: 80
GND	T91: 1	CAN-H	T91: 79
GPT	T105: 13, 74		

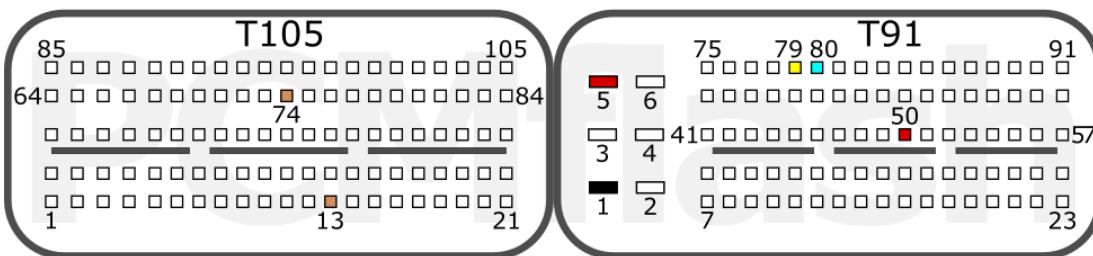
JLR

<b>PCMflash</b>	Engine Control Unit <b>ME17.8.32 TC1797</b>
	
<b>+12V</b>	T91: 5, 50
<b>GND</b>	T91: 1
<b>GPT</b>	T105: 74, 13
	<b>CAN-L</b>
	T91: 80
	<b>CAN-H</b>
	T91: 79
<b>MCLAREN</b>	
pcmflash.ru	v.1
	2021-10-14

# PCMflash

Engine Control Unit

MED17.8.32 TC1793



+12V	T91: 5, 50	CAN-L	T91: 80
GND	T91: 1	CAN-H	T91: 79
GPT	T105: 13, 74		

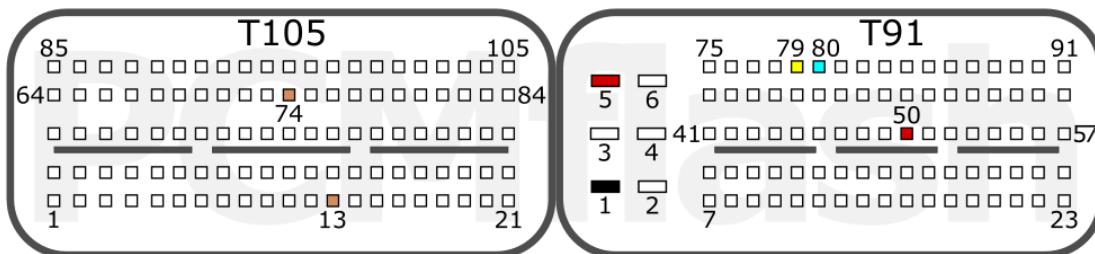
JLR

# PCMflash

Engine Control Unit

MED17.8.34/17.8.35 TC1793

## Connection version 1



+12V	T91: 5, 50	CAN-L	T91: 80
GND	T91: 1	CAN-H	T91: 79
GPT	T105: 13, 74		

AURUS

HONGQI

pcmflash.ru

v.2

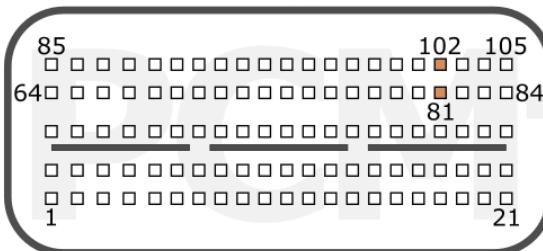
2024-12-30

# PCMflash

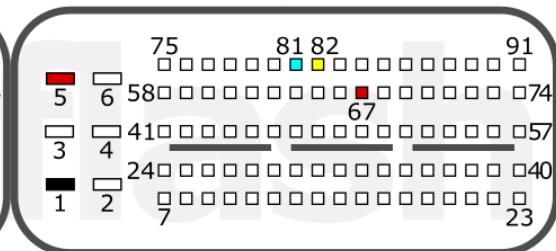
Engine Control Unit

## MEDC17.9 TC1793

T105



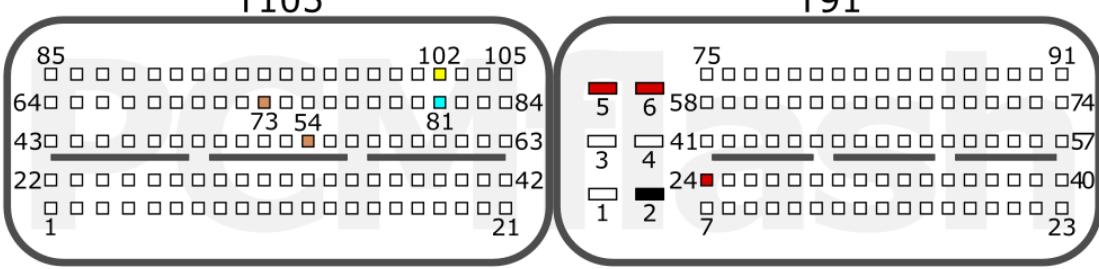
T91



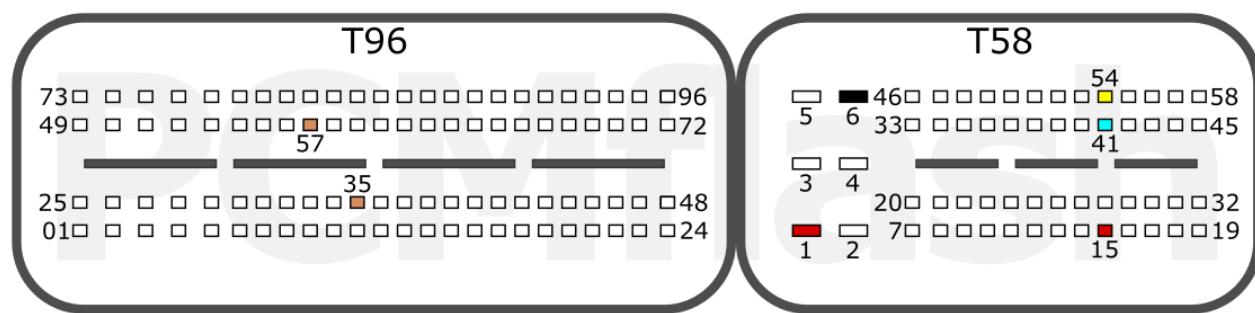
+12V	T91: 5, 67	CAN-L	T91: 81
GND	T91: 1	CAN-H	T91: 82
GPT	T105: 81, 102		

JLR

<h1>PCMflash</h1>	Engine Control Unit <b>ME17.9.1 TC1796</b>
<p><b>T60</b></p>	<p><b>T94</b></p>
<b>+12V</b> <b>GND</b> <b>GPT</b>	T94: 2, 25 T94: 2 T94: 83, 19
<b>CAN-L</b> <b>CAN-H</b>	T94: 66 T94: 88
<b>K/H</b>	
<a href="http://pcmflash.ru">pcmflash.ru</a>	v.1
2024-10-29	

<h1>PCMflash</h1>	Engine Control Unit <b>MEG17.9.2 TC1767</b>												
													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: red; padding: 2px;"><b>+12V</b></td><td style="padding: 2px;">T91: 5, 6, 24</td><td style="background-color: cyan; padding: 2px;"><b>CAN-L</b></td><td style="padding: 2px;">T105: 81</td></tr> <tr> <td style="background-color: black; padding: 2px;"><b>GND</b></td><td style="padding: 2px;">T91: 2</td><td style="background-color: yellow; padding: 2px;"><b>CAN-H</b></td><td style="padding: 2px;">T105: 102</td></tr> <tr> <td style="background-color: brown; padding: 2px;"><b>GPT</b></td><td style="padding: 2px;">T105: 54, 73</td><td></td><td></td></tr> </table>	<b>+12V</b>	T91: 5, 6, 24	<b>CAN-L</b>	T105: 81	<b>GND</b>	T91: 2	<b>CAN-H</b>	T105: 102	<b>GPT</b>	T105: 54, 73			
<b>+12V</b>	T91: 5, 6, 24	<b>CAN-L</b>	T105: 81										
<b>GND</b>	T91: 2	<b>CAN-H</b>	T105: 102										
<b>GPT</b>	T105: 54, 73												
<b>K/H</b>													
<a href="http://pcmflash.ru">pcmflash.ru</a>	v.1    2022-03-04												

<b>PCMflash</b>	Engine Control Unit
	<b>MED17.9.3 TC1793</b>



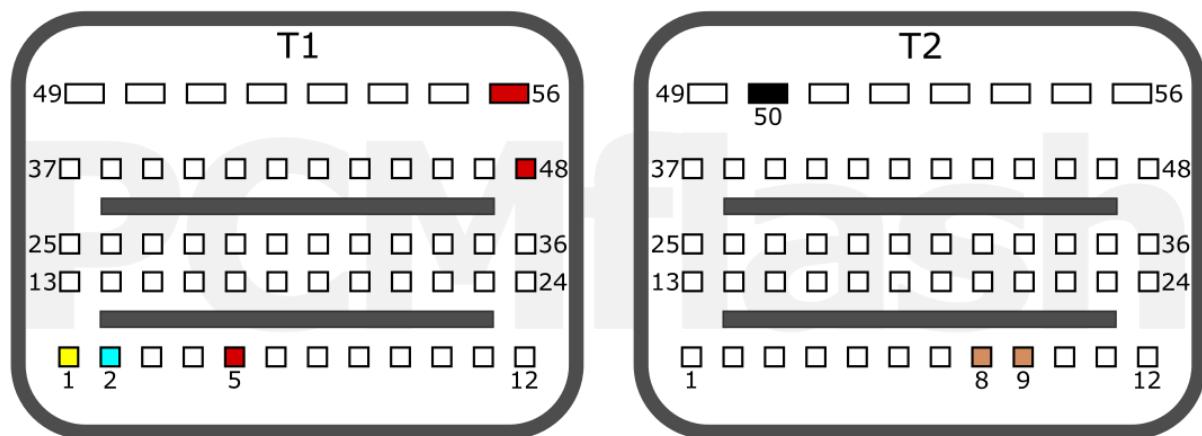
<b>+12V</b>	T58: 1, 15	<b>CAN-L</b>	T58: 41
<b>GND</b>	T58: 6	<b>CAN-H</b>	T58: 54
<b>GPT</b>	T96: 35, 57		

HONDA

# PCMflash

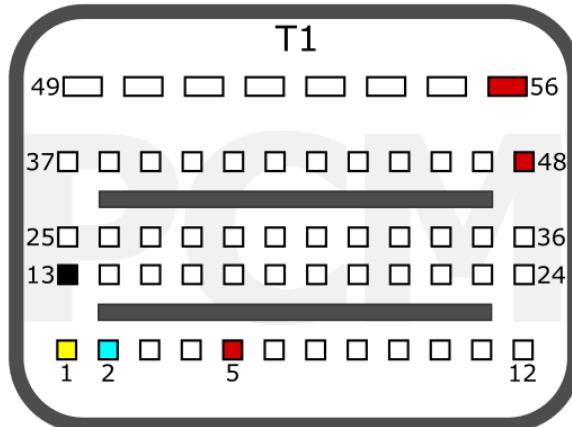
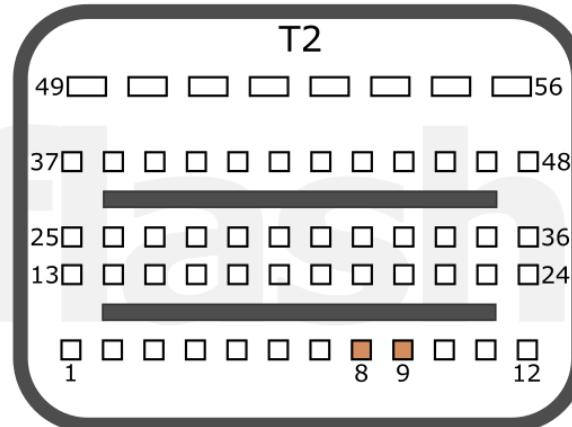
Engine Control Unit

ME17.9.5 TC1762



+12V	T1: 56, 48, 5	CAN-L	T1: 2
GND	T2: 50	CAN-H	T1: 1
GPT	T2: 9, 8		

SUZUKI

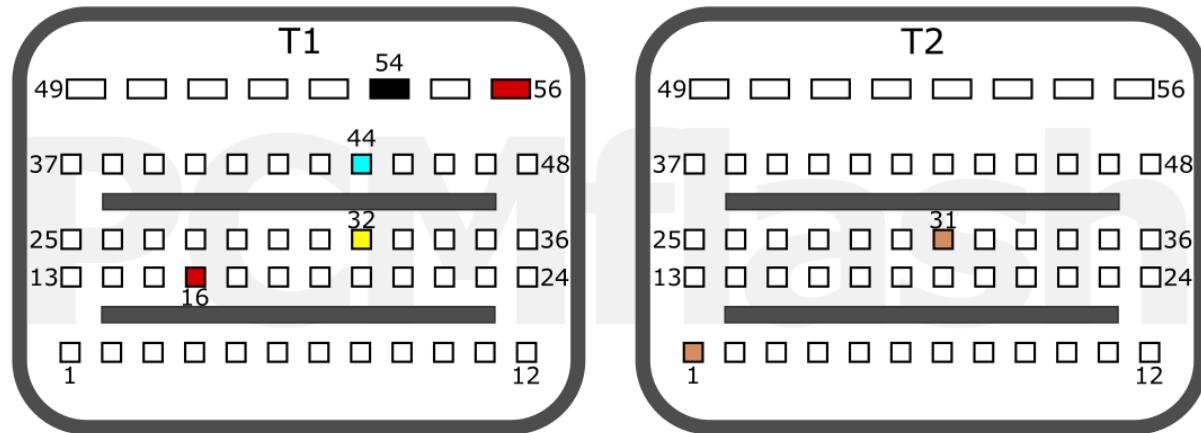
<b>PCMflash</b>	Engine Control Unit
	<b>ME17.9.6 TC1767</b>
	
<b>+12V</b>	T1: 56, 48, 5
<b>GND</b>	T1: 13
<b>GPT</b>	T2: 8, 9
<b>CAN-L</b>	T1: 2
<b>CAN-H</b>	T1: 1
<b>SUZUKI</b>	
pcmflash.ru	v.1
	2021-10-10

# PCMflash

Engine Control Unit

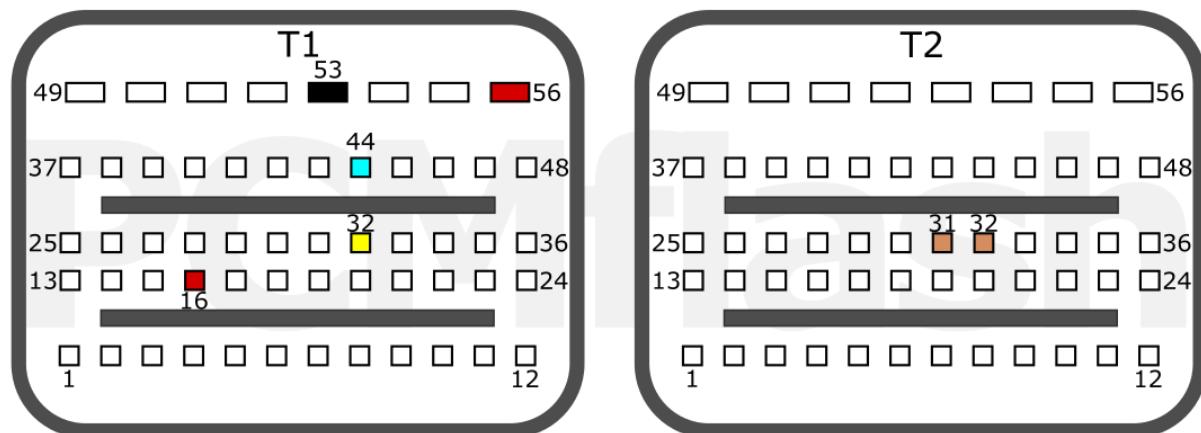
ME17.9.7 TC1762

UAZ



+12V	T1: 56, 16	CAN-L	T1: 44
GND	T1: 54	CAN-H	T1: 32
GPT	T2: 1, 31		

VAZ

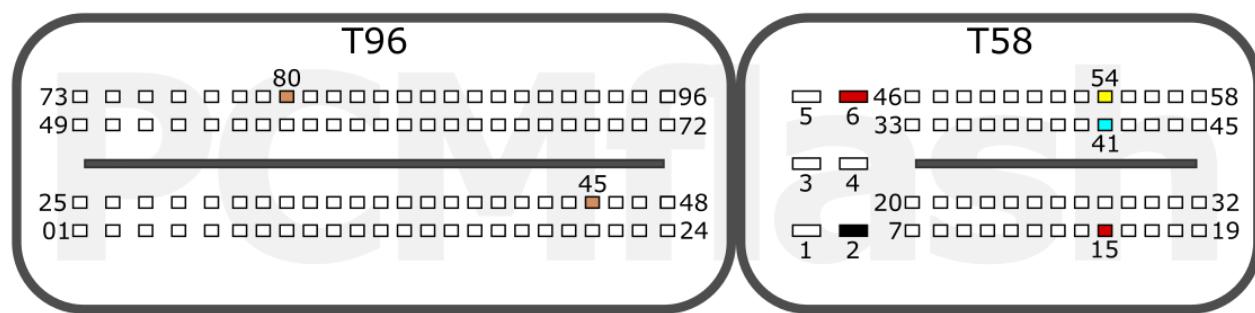


+12V	T1: 56, 16	CAN-L	T1: 44
GND	T1: 53	CAN-H	T1: 32
GPT	T2: 32, 31		

VAZ

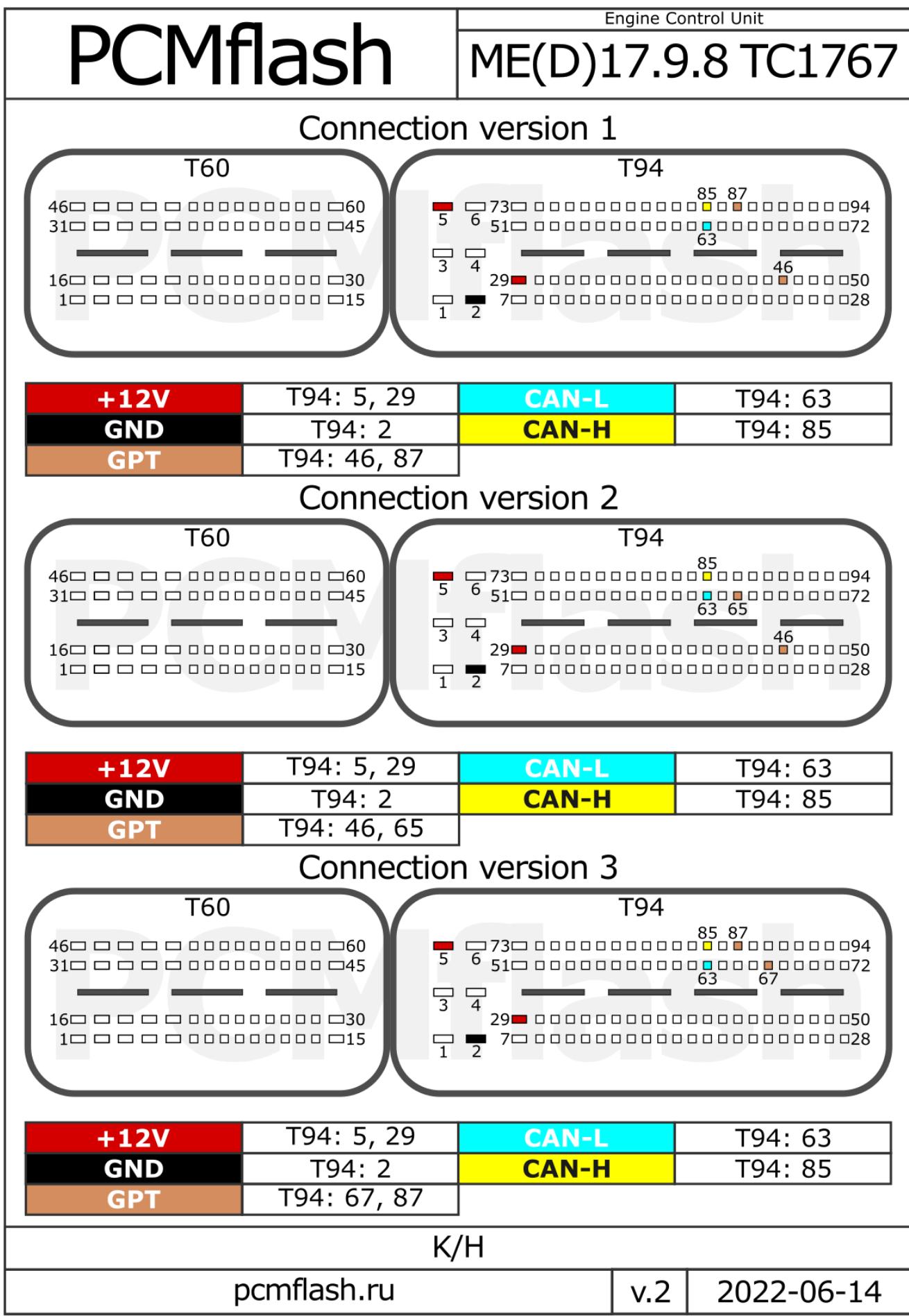
UAZ

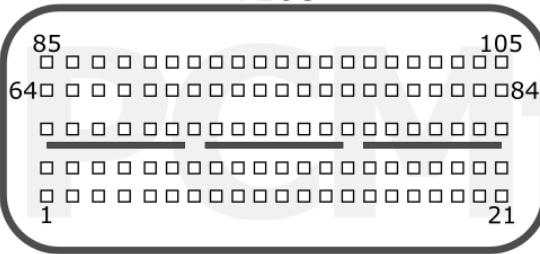
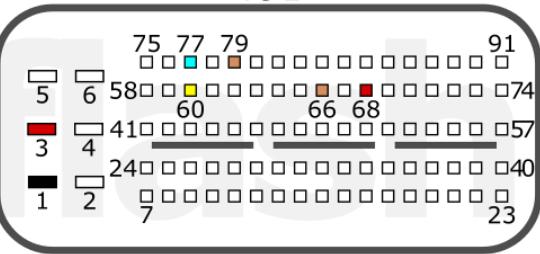
<b>PCMflash</b>	Engine Control Unit
	<b>MED17.9.7 TC1767</b>



<b>+12V</b>	T58: 6, 15	<b>CAN-L</b>	T58: 41
<b>GND</b>	T58: 2	<b>CAN-H</b>	T58: 54
<b>GPT</b>	T96: 80, 45		

JLR

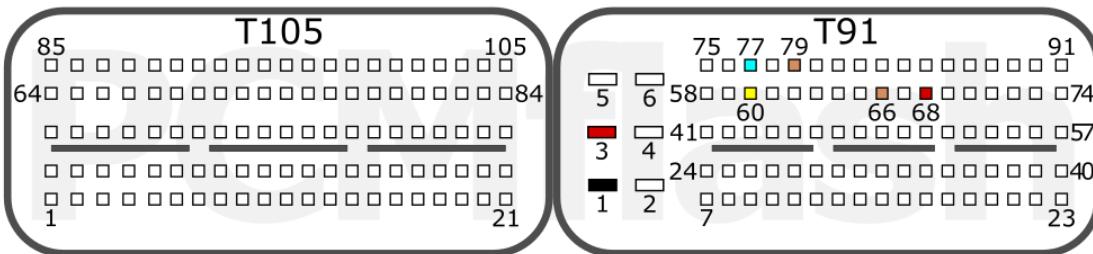


<h1>PCMflash</h1>	Engine Control Unit <b>MEG17.9.8 TC1767</b>												
													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="color: red; padding: 2px;"><b>+12V</b></td><td style="padding: 2px;">T91: 3, 68</td><td style="color: cyan; padding: 2px;"><b>CAN-L</b></td><td style="padding: 2px;">T91: 77</td></tr> <tr> <td style="color: black; padding: 2px;"><b>GND</b></td><td style="padding: 2px;">T91: 1</td><td style="color: yellow; padding: 2px;"><b>CAN-H</b></td><td style="padding: 2px;">T91: 60</td></tr> <tr> <td style="color: brown; padding: 2px;"><b>GPT</b></td><td style="padding: 2px;">T91: 66, 79</td><td></td><td></td></tr> </table>	<b>+12V</b>	T91: 3, 68	<b>CAN-L</b>	T91: 77	<b>GND</b>	T91: 1	<b>CAN-H</b>	T91: 60	<b>GPT</b>	T91: 66, 79			
<b>+12V</b>	T91: 3, 68	<b>CAN-L</b>	T91: 77										
<b>GND</b>	T91: 1	<b>CAN-H</b>	T91: 60										
<b>GPT</b>	T91: 66, 79												
K/H													
<a href="http://pcmflash.ru">pcmflash.ru</a>	v.1	2021-10-15											

# PCMflash

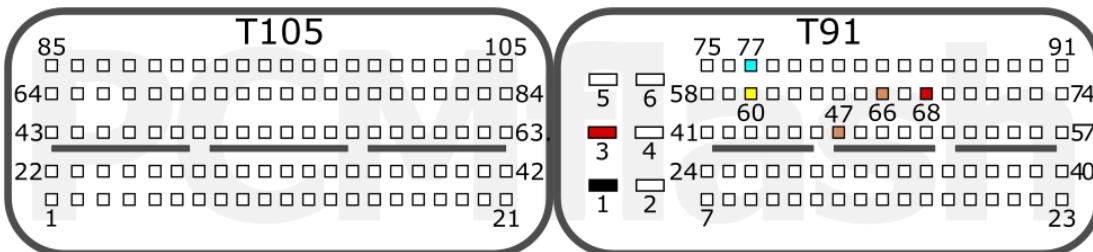
Engine Control Unit  
MEDG17.9.8 TC1767

## Connection version 1



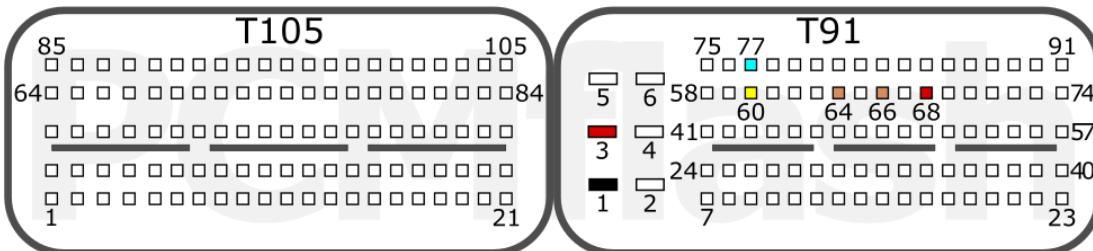
+12V	T91: 3, 68	CAN-L	T91: 77
GND	T91: 1	CAN-H	T91: 60
GPT	T91: 66, 79		

## Connection version 2



+12V	T91: 3, 68	CAN-L	T91: 77
GND	T91: 1	CAN-H	T91: 60
GPT	T91: 66, 47		

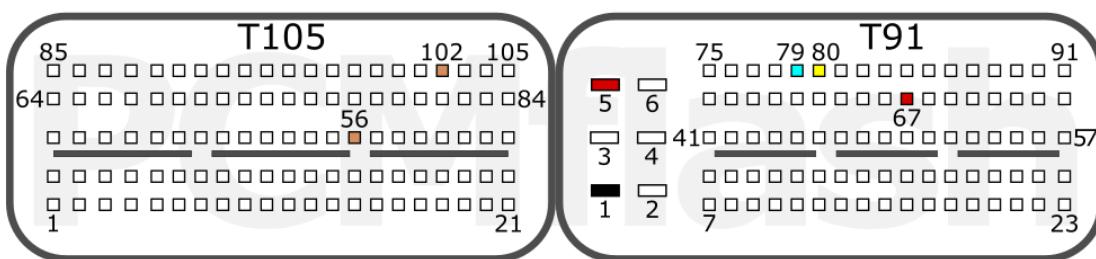
## Connection version 3



+12V	T91: 3, 68	CAN-L	T91: 77
GND	T91: 1	CAN-H	T91: 60
GPT	T91: 66, 64		

K/H

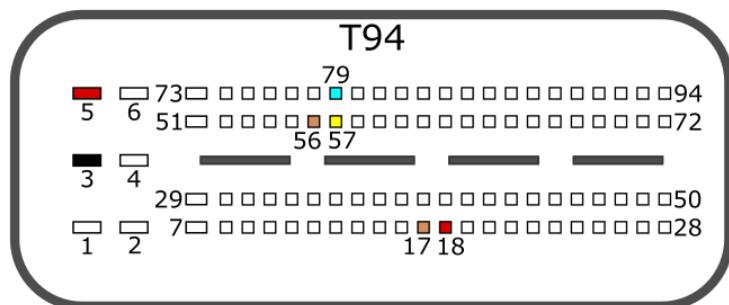
<b>PCMflash</b>	Engine Control Unit
	<b>MED17.9.9 TC1793</b>



+12V	T91: 5, 67	CAN-L	T91: 79
GND	T91: 1	CAN-H	T91: 80
GPT	T105: 56, 102		

JLR

<b>PCMflash</b>	Engine Control Unit
	<b>M17.9.11 TC1762</b>



<b>+12V</b>	T94: 5, 18	<b>CAN-L</b>	T94: 79
<b>GND</b>	T94: 3	<b>CAN-H</b>	T94: 57
<b>GPT</b>	T94: 17, 56		

K/H

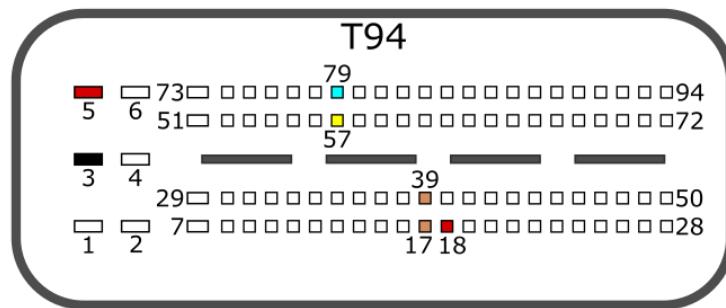
pcmflash.ru	v.1	2024-06-02
-------------	-----	------------

# PCMflash

Engine Control Unit

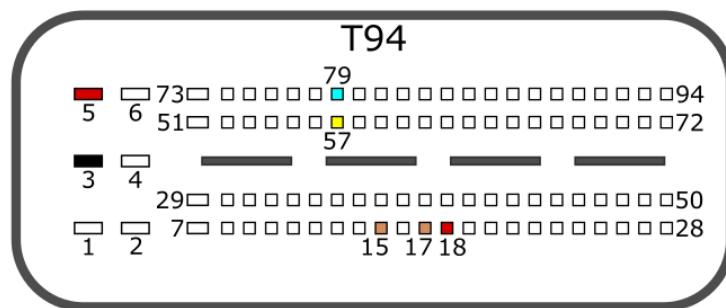
ME17.9.11 TC1762

## Connection version 1



<b>+12V</b>	T94: 5, 18	<b>CAN-L</b>	T94: 79
<b>GND</b>	T94: 3	<b>CAN-H</b>	T94: 57
<b>GPT</b>	T94: 17, 39		

## Connection version 2



<b>+12V</b>	T94: 5, 18	<b>CAN-L</b>	T94: 79
<b>GND</b>	T94: 3	<b>CAN-H</b>	T94: 57
<b>GPT</b>	T94: 17, 15		

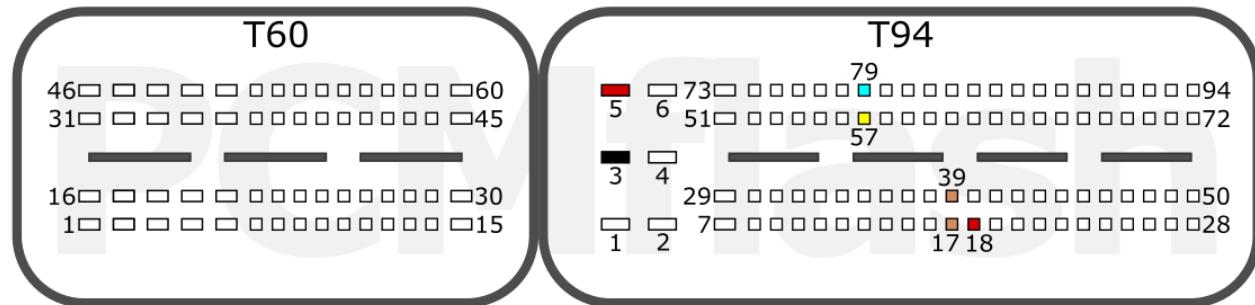
K/H

# PCMflash

Engine Control Unit

MEG17.9.12/17.9.13 TC1762

## Connection version 1

**+12V**

T94: 5, 18

**CAN-L**

T94: 79

**GND**

T94: 3

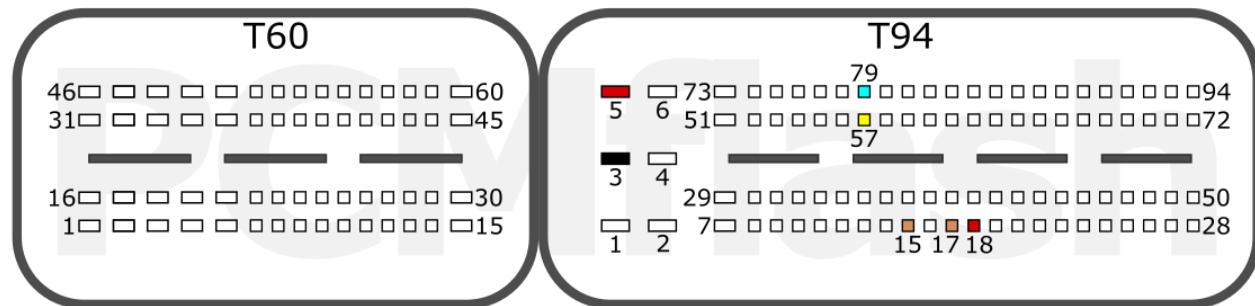
**CAN-H**

T94: 57

**GPT**

T94: 17, 39

## Connection version 2

**+12V**

T94: 5, 18

**CAN-L**

T94: 79

**GND**

T94: 3

**CAN-H**

T94: 57

**GPT**

T94: 17, 15

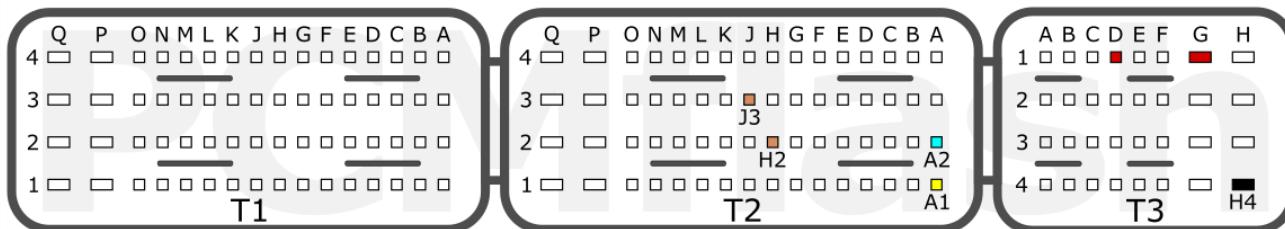
K/H

# PCMflash

Engine Control Unit

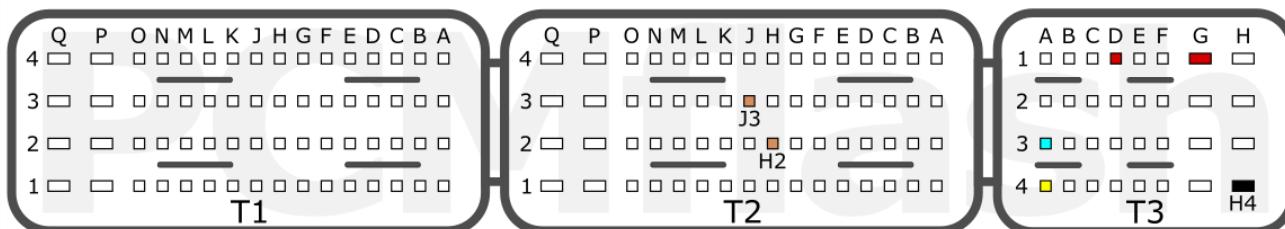
ME17.9.20 TC1782

## BRABUS, SMART



+12V	T3: D1, G1	CAN-L	T2: A2
GND	T3: H4	CAN-H	T2: A1
GPT	T2: H2, J3		

## RENAULT



+12V	T3: D1, G1	CAN-L	T3: A3
GND	T3: H4	CAN-H	T3: A4
GPT	T2: H2, J3		

BRABUS

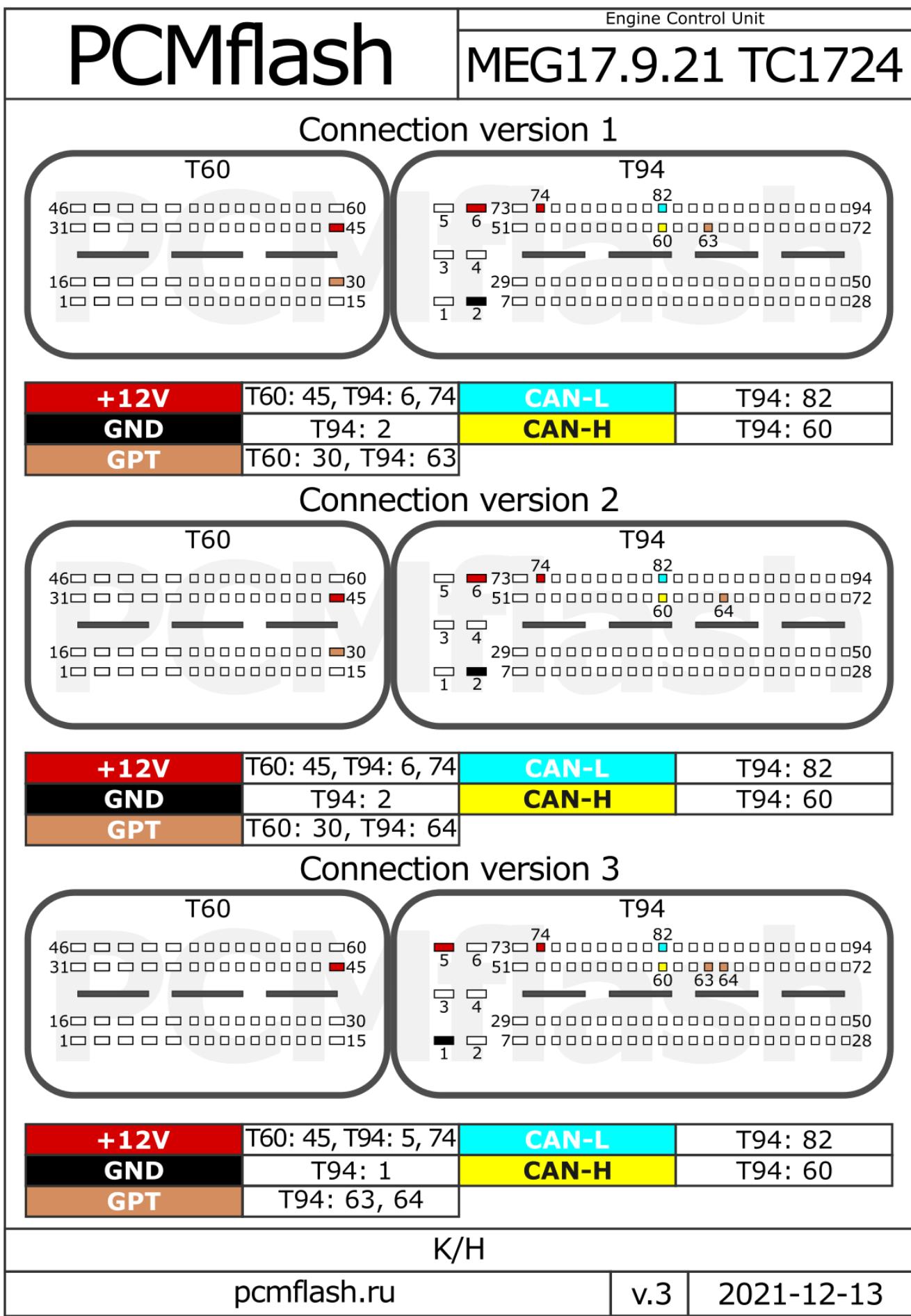
RENAULT

SMART

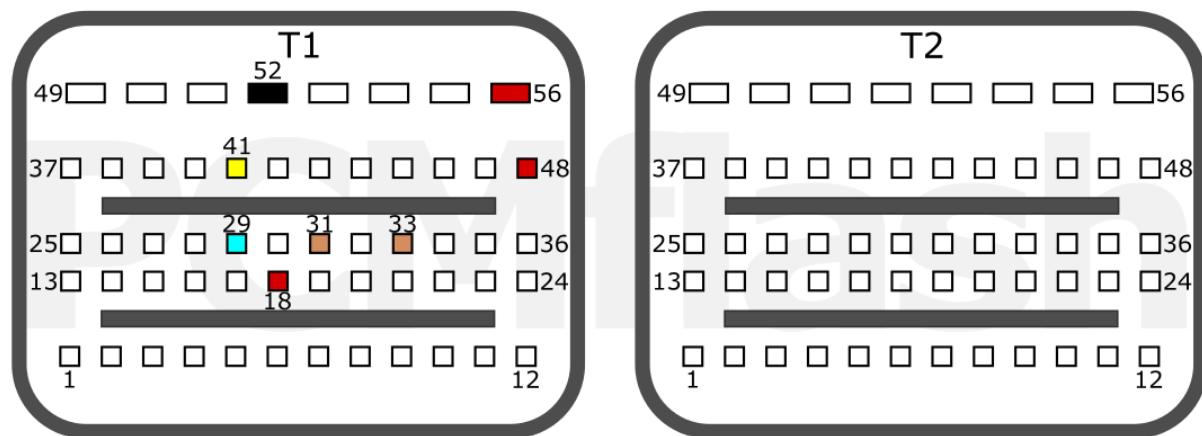
pcmflash.ru

v.1

2021-10-31

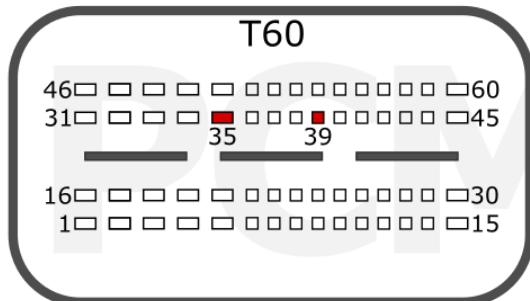
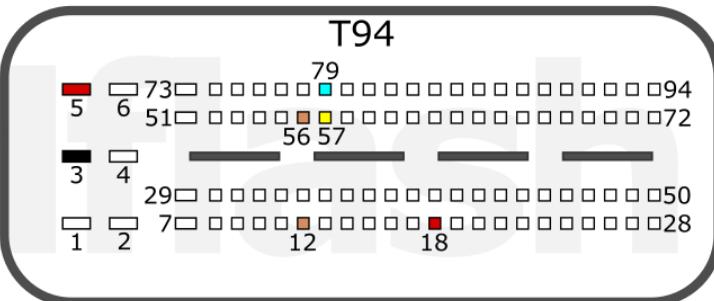


<b>PCMflash</b>	Engine Control Unit
	<b>ME17.9.21.1 TC1724</b>



<b>+12V</b>	T1: 56, 48, 18	<b>CAN-L</b>	T1: 29
<b>GND</b>	T1: 52	<b>CAN-H</b>	T1: 41
<b>GPT</b>	T1: 31, 33		

K/H

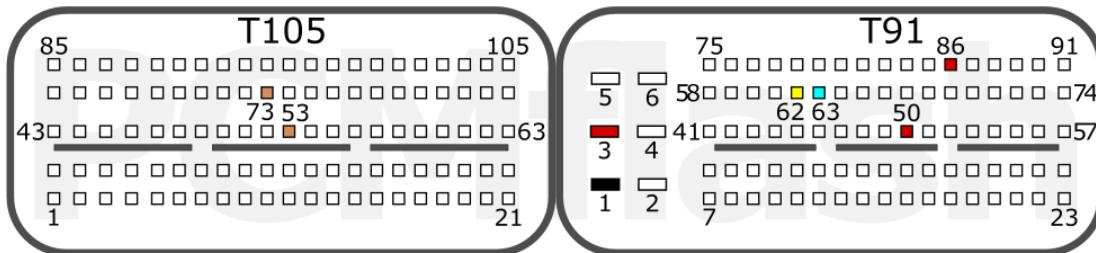
<h1>PCMflash</h1>	Engine Control Unit MEG17.9.22.1 TC1724
	
<b>+12V</b>	T60: 35, 39; T94: 5, 18
<b>GND</b>	T94: 3
<b>GPT</b>	T94: 12, 56
	<b>CAN-L</b>
	T94: 79
	<b>CAN-H</b>
	T94: 57
K/H	
pcmflash.ru	v.1
	2024-06-12

# PCMflash

Engine Control Unit

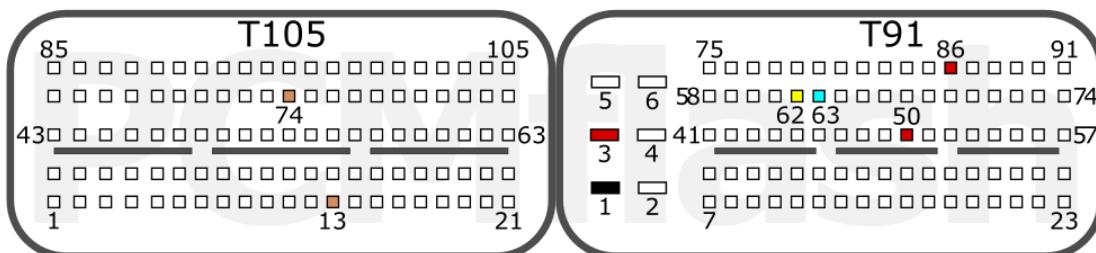
MED17.9.30 TC1793

## Connection version 1



+12V	T91: 3, 50, 86	CAN-L	T91: 63
GND	T91: 1	CAN-H	T91: 62
GPT	T105: 73, 53		

## Connection version 2

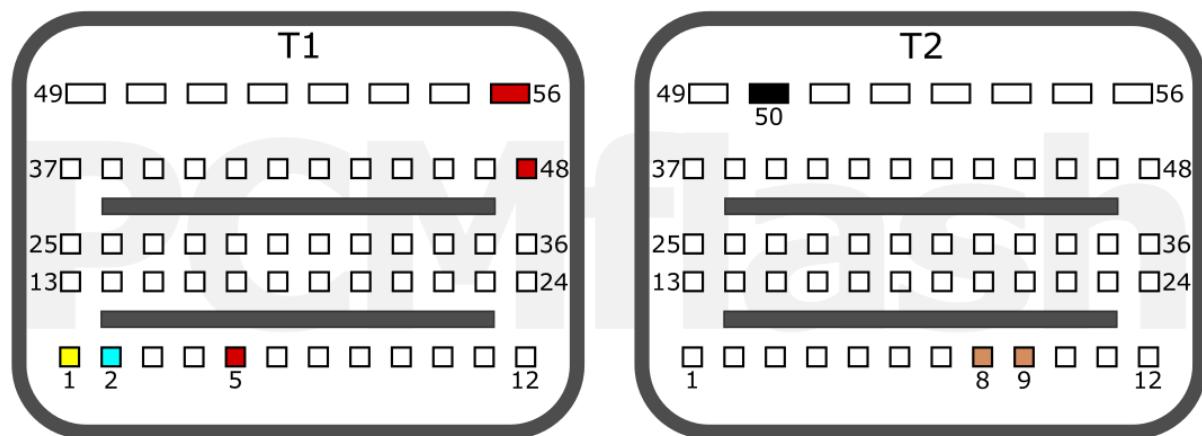


+12V	T91: 3, 50, 86	CAN-L	T91: 63
GND	T91: 1	CAN-H	T91: 62
GPT	T105: 74, 13		

K/H

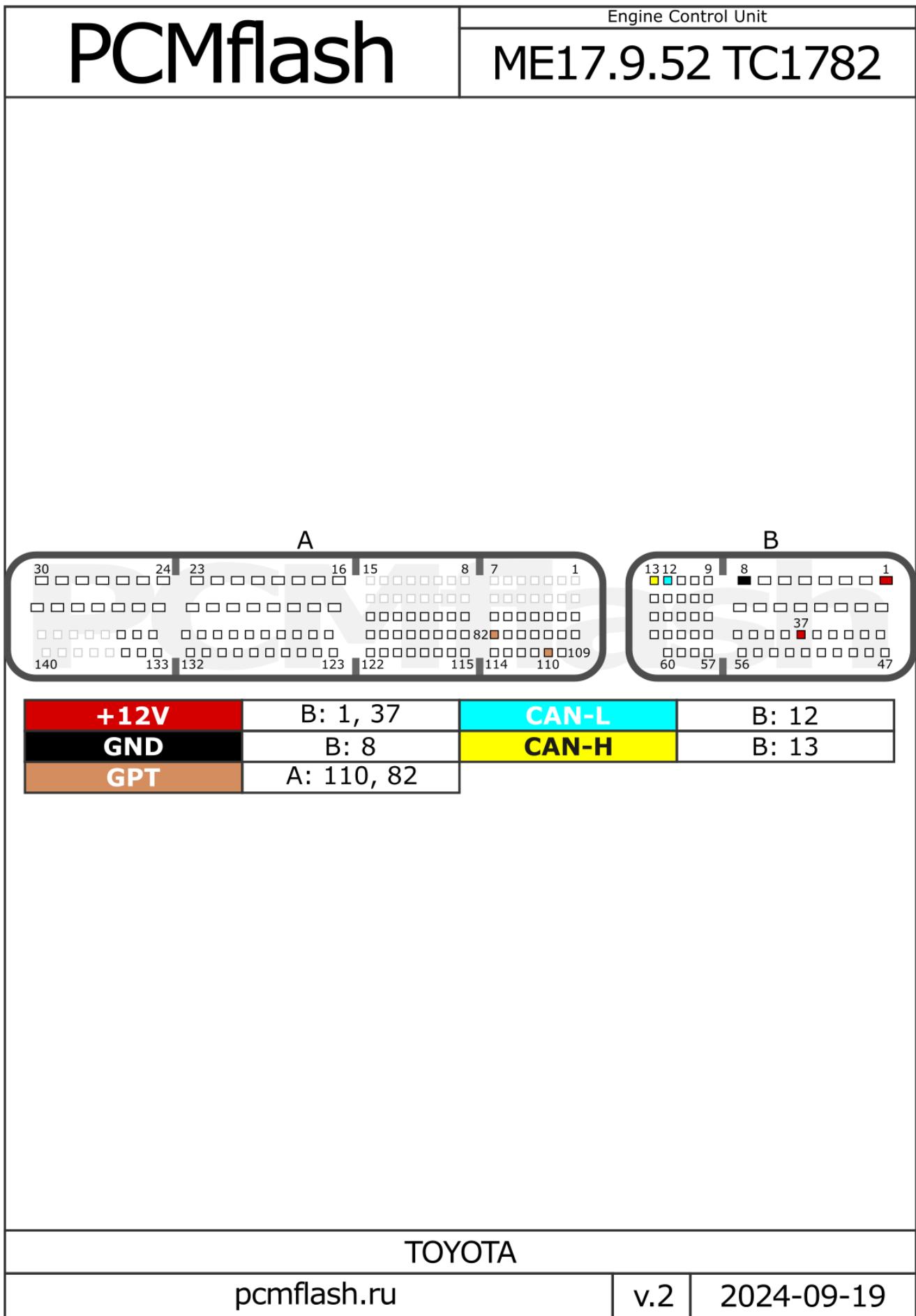
<h1>PCMflash</h1>	Engine Control Unit <b>MED17.9.32 TC1782</b>
<b>T60</b> 	<b>T94</b> 
<b>+12V</b> <b>GND</b> <b>GPT</b>	T94: 2, 23, 84 T94: 2 T94: 39, 58
	<b>CAN-L</b> <b>CAN-H</b>
	T94: 87 T94: 65
<b>SSANGYONG</b>	
<a href="http://pcmflash.ru">pcmflash.ru</a>	v.1    2024-12-17

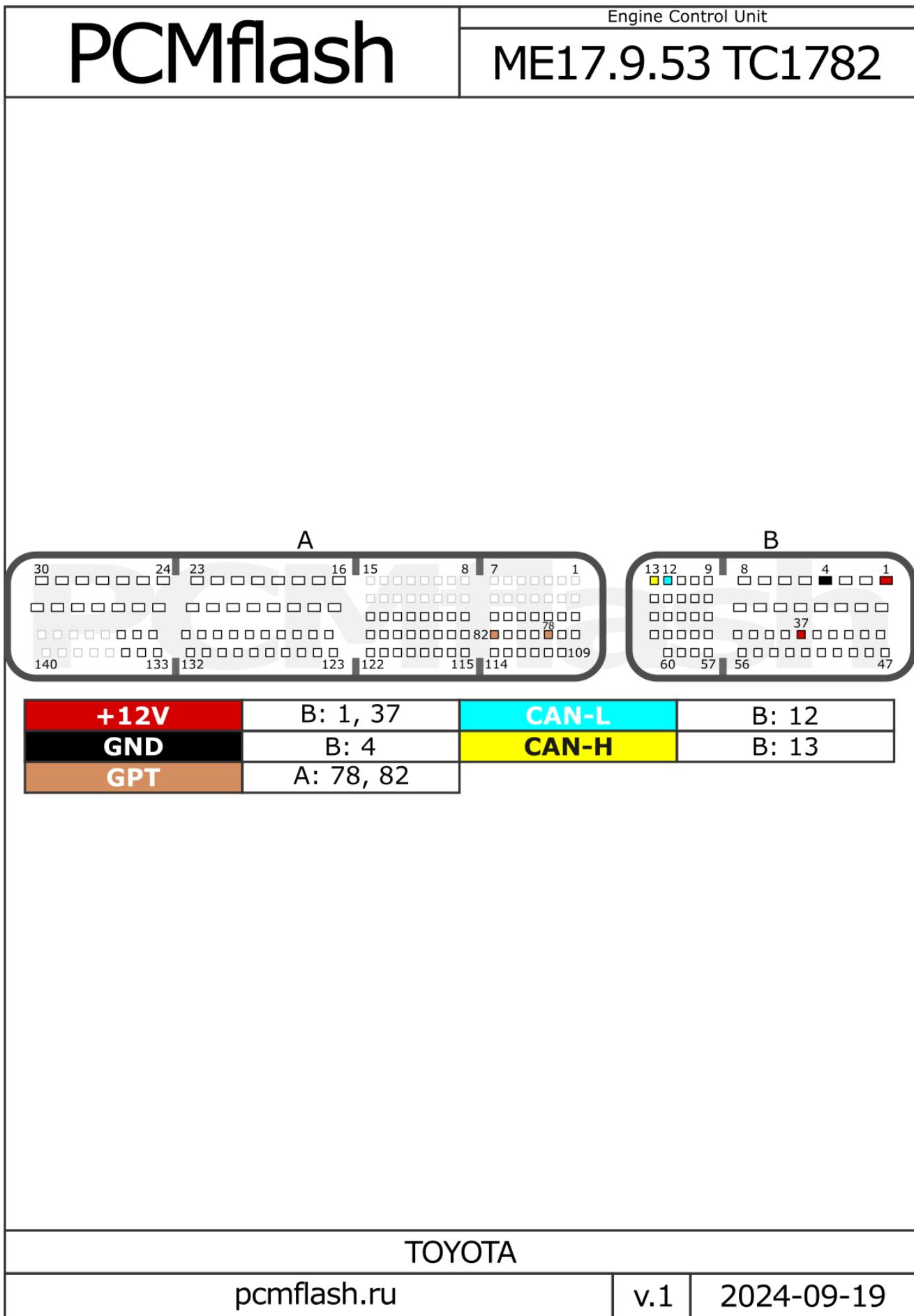
<b>PCMflash</b>	Engine Control Unit
	<b>ME17.9.51 TC1762</b>



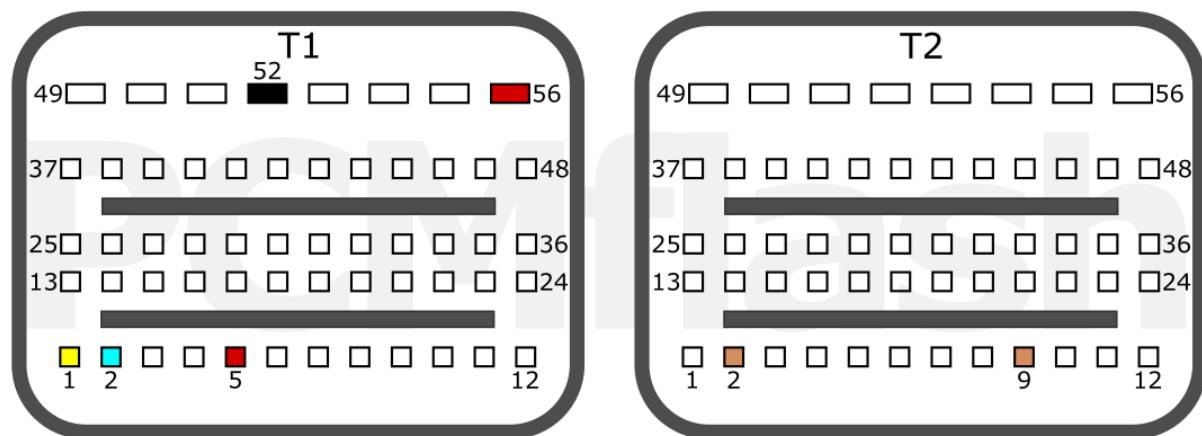
<b>+12V</b>	T1: 56, 48, 5	<b>CAN-L</b>	T1: 2
<b>GND</b>	T2: 50	<b>CAN-H</b>	T1: 1
<b>GPT</b>	T2: 9, 8		

SUZUKI





<b>PCMflash</b>	Engine Control Unit
	<b>ME17.9.55 TC1724</b>



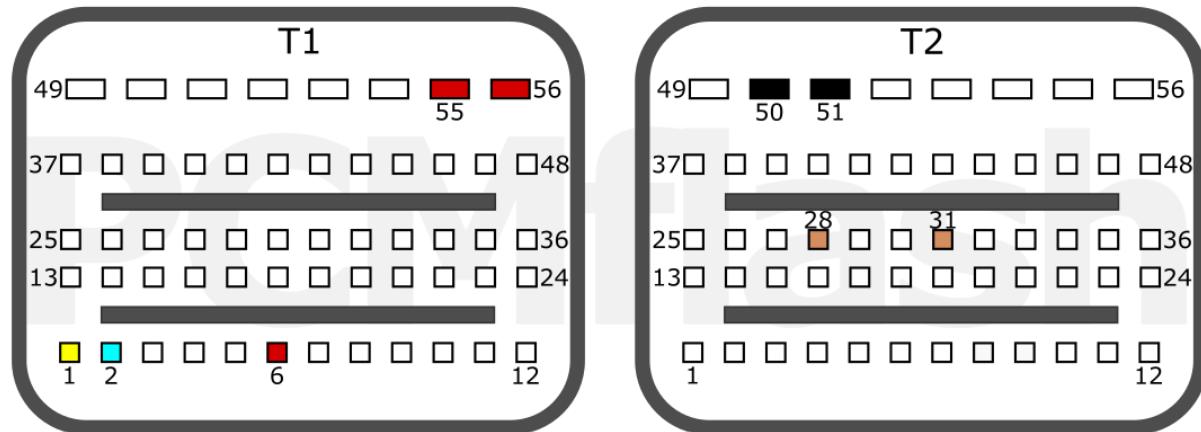
<b>+12V</b>	T1: 56, 5	<b>CAN-L</b>	T1: 2
<b>GND</b>	T1: 52	<b>CAN-H</b>	T1: 1
<b>GPT</b>	T2: 9, 2		

HONDA	PERODUA
pcmflash.ru	v.1 2022-09-01

# PCMflash

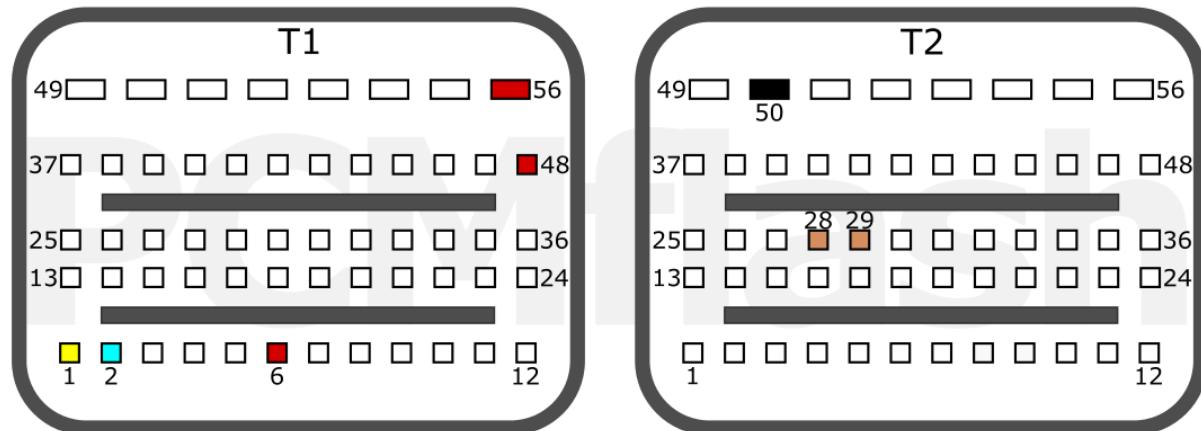
Engine Control Unit  
ME17.9.61 TC1724

## Connection version 1



+12V	T1: 55, 56, 6	CAN-L	T1: 2
GND	T2: 50, 51	CAN-H	T1: 1
GPT	T2: 28, 31		

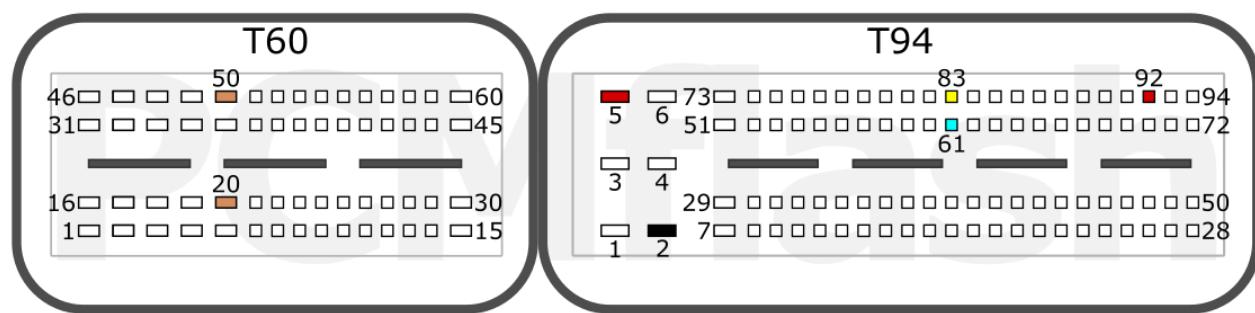
## Connection version 2



+12V	T1: 56, 48, 6	CAN-L	T1: 2
GND	T2: 50	CAN-H	T1: 1
GPT	T2: 29, 28		

SUZUKI

<b>PCMflash</b>	Engine Control Unit
	MED17.9.63 TC1793



+12V	T94: 5, 92	CAN-L	T94: 61
GND	T94: 2	CAN-H	T94: 83
GPT	T60: 20, 50		

SUZUKI

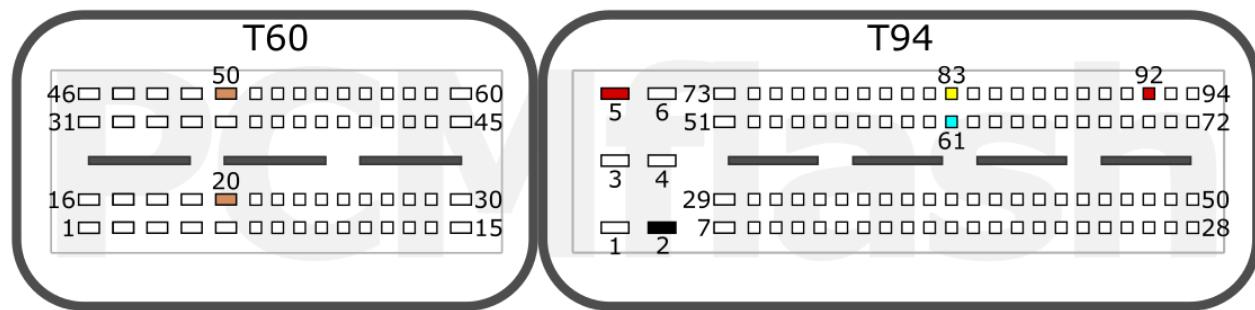
<b>PCMflash</b>	Engine Control Unit
	<b>ME17.9.64 TC1724</b>



<b>+12V</b>	T1: 1, 43, 56	<b>CAN-L</b>	T2: 2
<b>GND</b>	T2: 50	<b>CAN-H</b>	T2: 3
<b>GPT</b>	T2: 39, 40		

SUZUKI

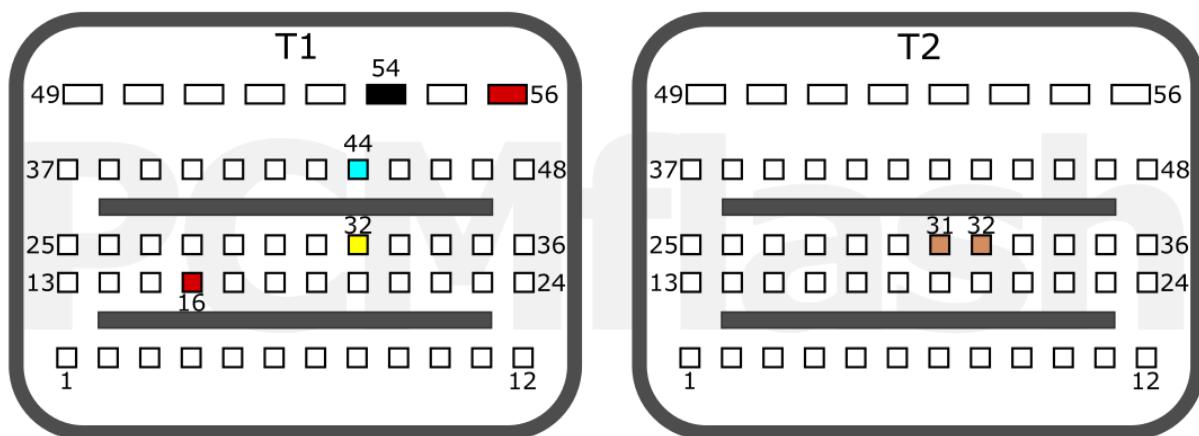
<b>PCMflash</b>	Engine Control Unit
	<b>MED17.9.66 TC1793</b>



<b>+12V</b>	T94: 5, 92	<b>CAN-L</b>	T94: 61
<b>GND</b>	T94: 2	<b>CAN-H</b>	T94: 83
<b>GPT</b>	T60: 20, 50		

SUZUKI

<b>PCMflash</b>	Engine Control Unit
	<b>ME17.9.71 TC1724</b>

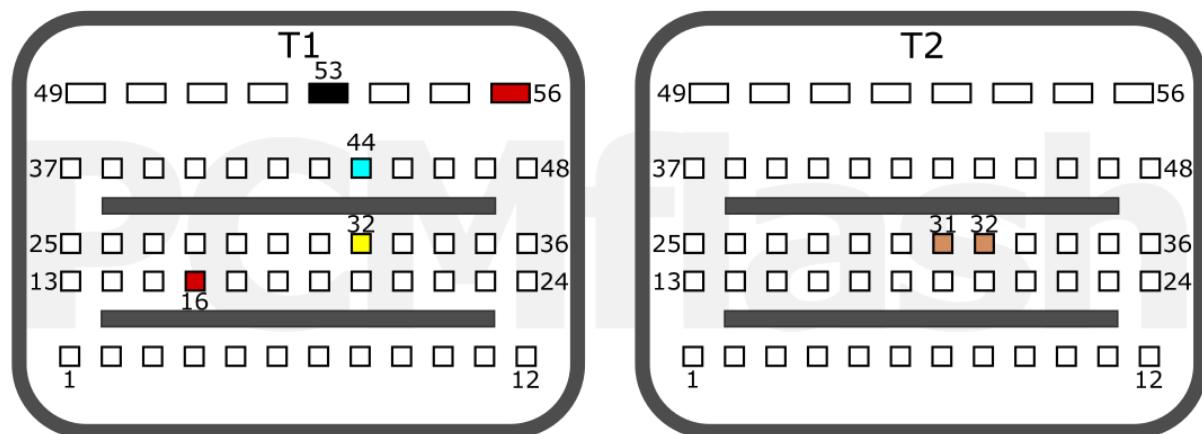


<b>+12V</b>	T1: 56, 16	<b>CAN-L</b>	T1: 44
<b>GND</b>	T1: 54	<b>CAN-H</b>	T1: 32
<b>GPT</b>	T2: 31, 32		

To unlock, read the stock and write it down.  
When recording, check the "unlock" box.

NIVA	UAZ
pcmflash.ru	v.1 2021-08-29

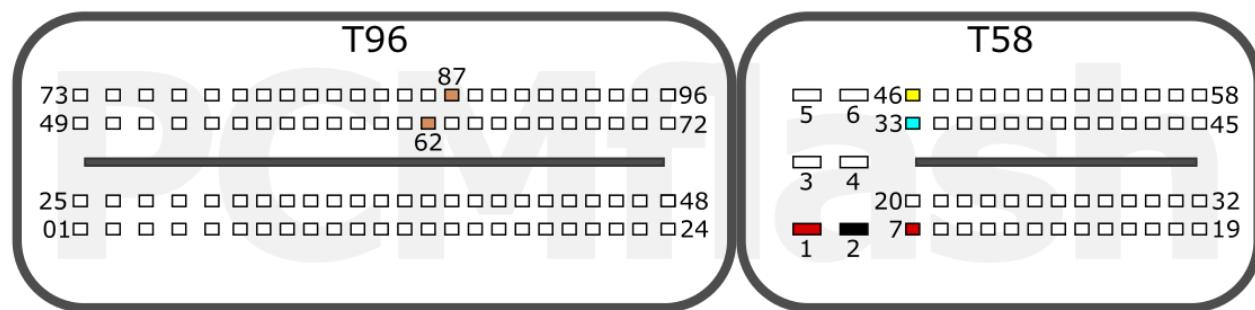
<b>PCMflash</b>	Engine Control Unit
	<b>ME17.9.74 TC1762</b>



+12V	T1: 56, 16	CAN-L	T1: 44
GND	T1: 53	CAN-H	T1: 32
GPT	T2: 32, 31		

POLARIS

<b>PCMflash</b>	Engine Control Unit
	<b>EDC17C06 TC1766</b>



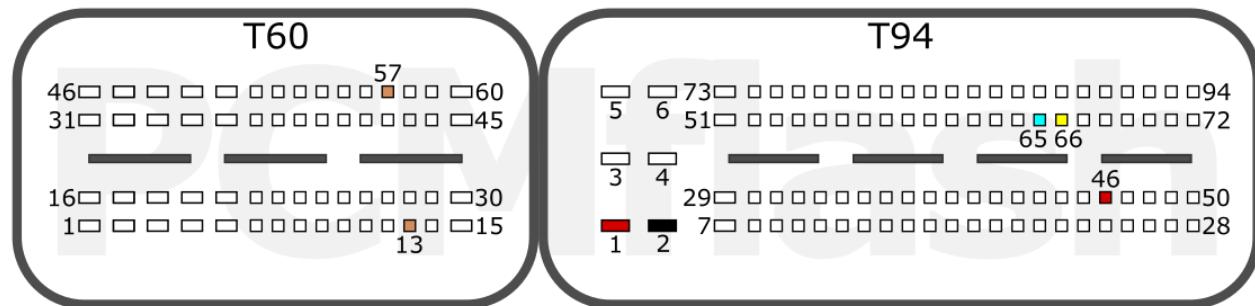
<b>+12V</b>	T58: 1, 7	<b>CAN-L</b>	T58: 33
<b>GND</b>	T58: 2	<b>CAN-H</b>	T58: 46
<b>GPT</b>	T96: 62, 87		

BMW

# PCMflash

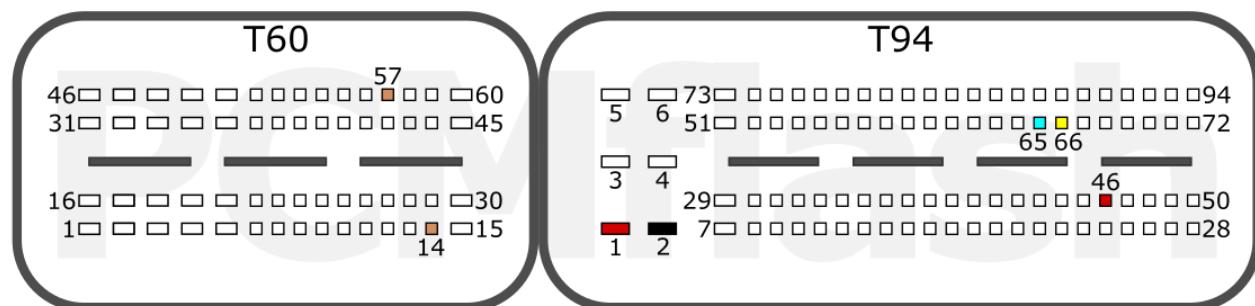
Engine Control Unit  
EDC17C08 TC1766

## Connection version 1



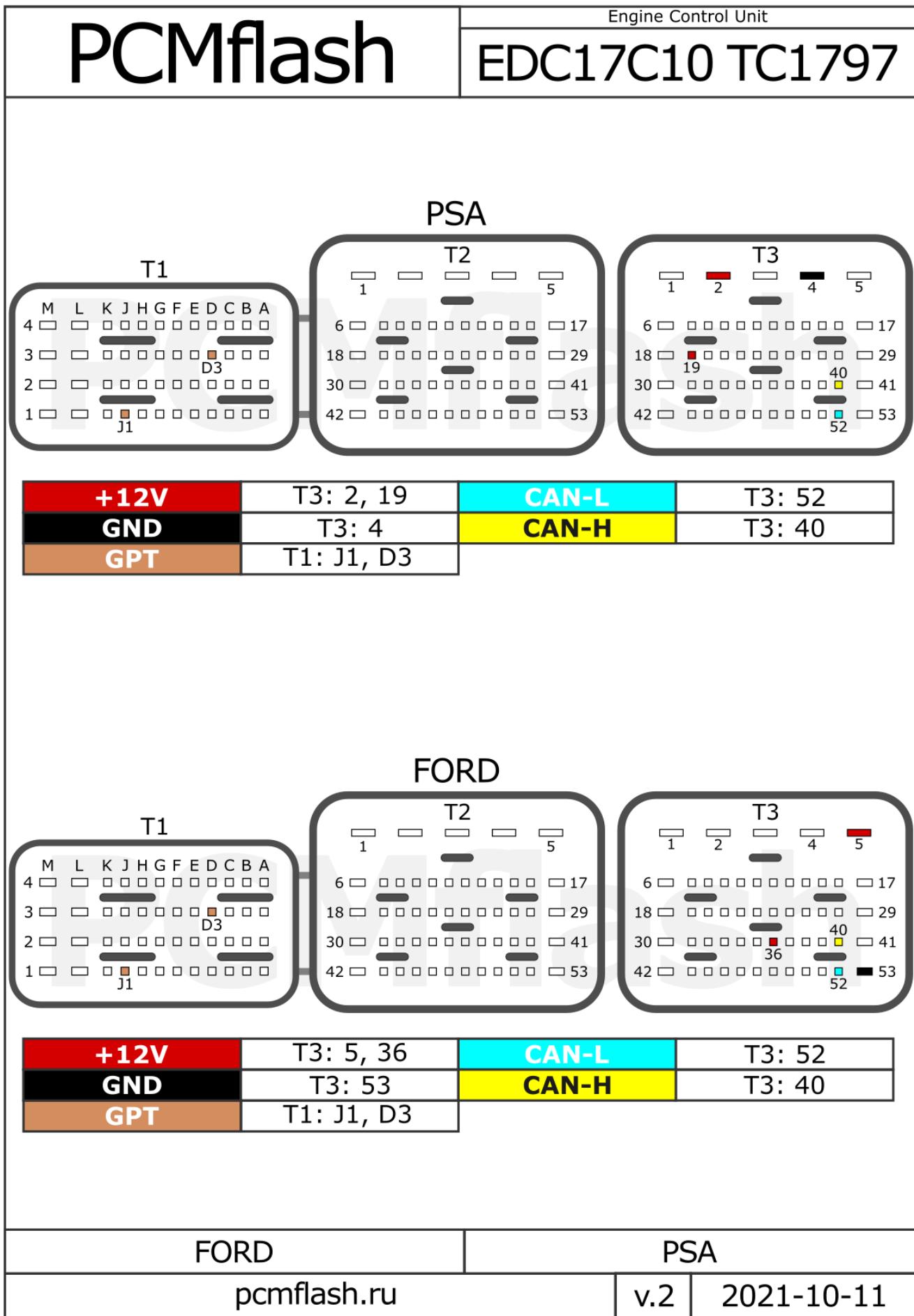
<b>+12V</b>	T94: 1, 46	<b>CAN-L</b>	T94: 65
<b>GND</b>	T94: 2	<b>CAN-H</b>	T94: 66
<b>GPT</b>	T60: 13, 57		

## Connection version 2



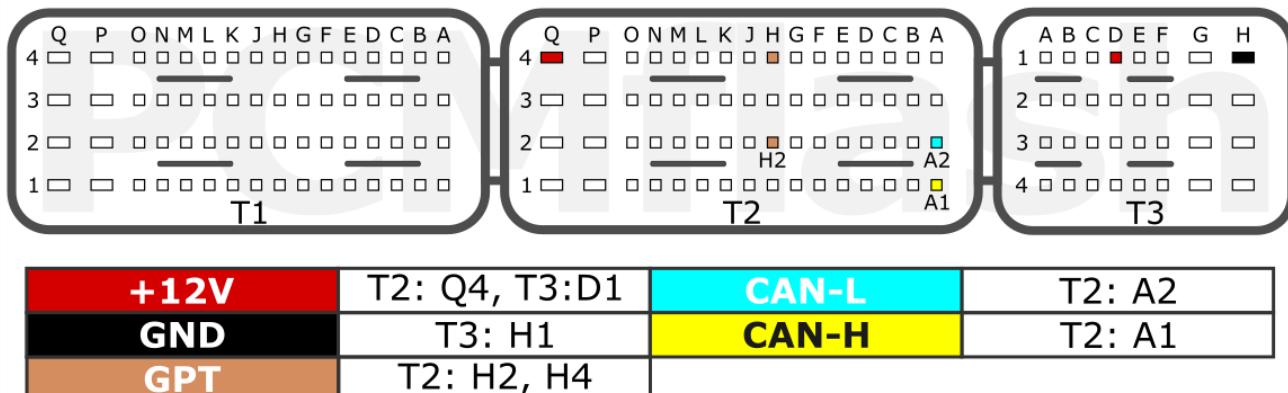
<b>+12V</b>	T94: 1, 46	<b>CAN-L</b>	T94: 65
<b>GND</b>	T94: 2	<b>CAN-H</b>	T94: 66
<b>GPT</b>	T60: 14, 57		

K/H

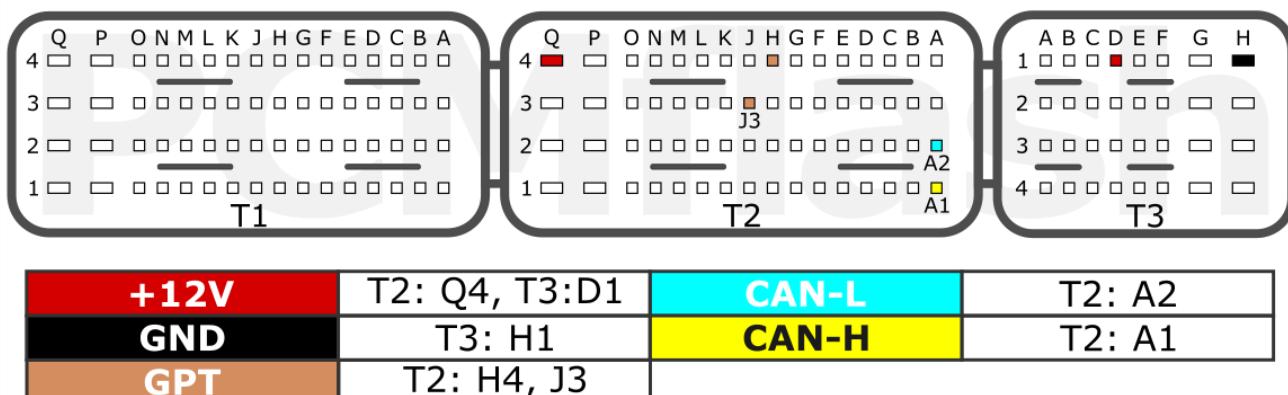


<b>PCMflash</b>	Engine Control Unit
	<b>EDC17C11 TC1766</b>

### Connection version 1

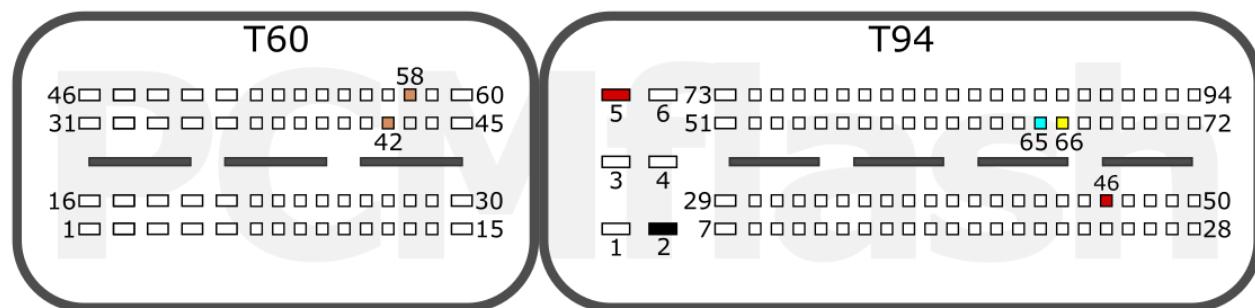


### Connection version 2



NISSAN	OPEL	RENAULT
pcmflash.ru	v.1	2021-09-29

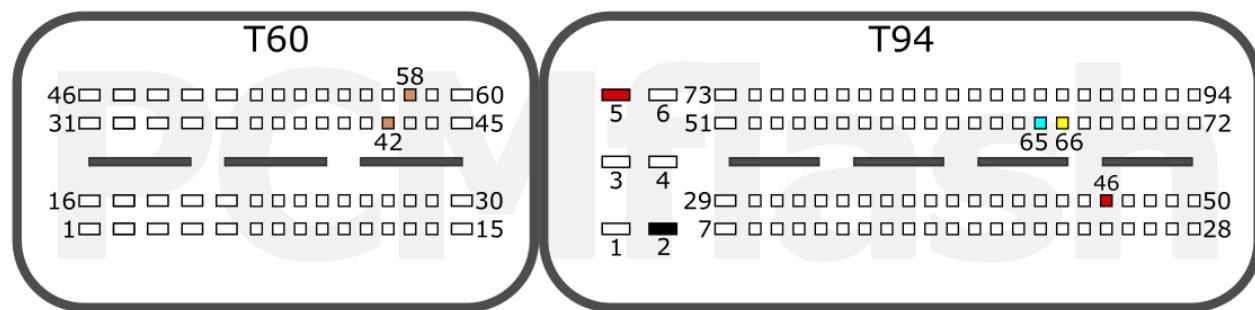
<b>PCMflash</b>	Engine Control Unit
	<b>EDC17C18 TC1766</b>



<b>+12V</b>	T94: 5, 46	<b>CAN-L</b>	T94: 65
<b>GND</b>	T94: 2	<b>CAN-H</b>	T94: 66
<b>GPT</b>	T60: 42, 58		

OPEL

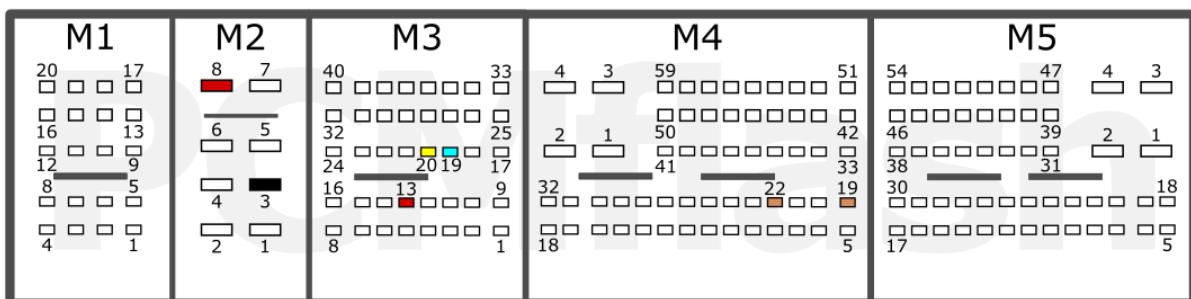
<b>PCMflash</b>	Engine Control Unit
	<b>EDC17C19 TC1792</b>



<b>+12V</b>	T94: 5, 46	<b>CAN-L</b>	T94: 65
<b>GND</b>	T94: 2	<b>CAN-H</b>	T94: 66
<b>GPT</b>	T60: 42, 58		

OPEL

<b>PCMflash</b>	Engine Control Unit
	<b>EDC17C41 TC1797</b>



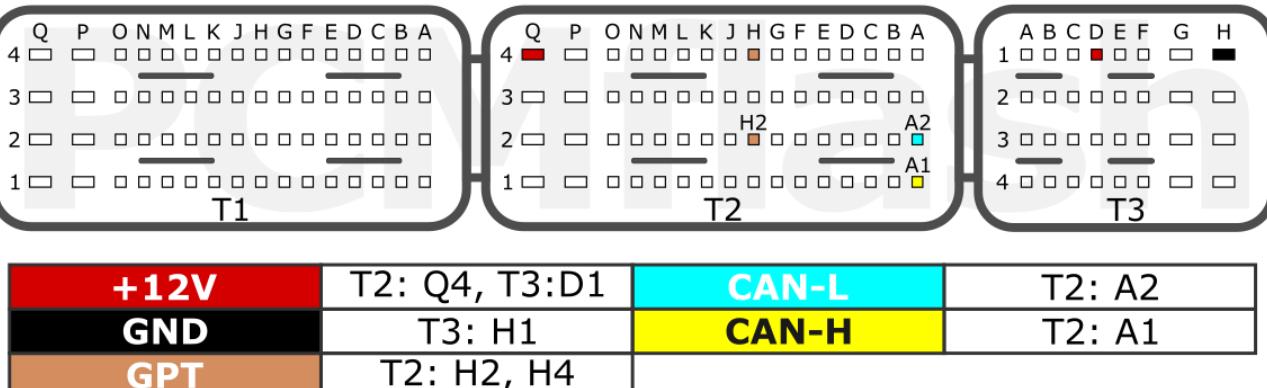
<b>+12V</b>	M2: 8; M3: 13	<b>CAN-L</b>	M3: 19
<b>GND</b>	M2: 3	<b>CAN-H</b>	M3: 20
<b>GPT</b>	M4: 22, 19		

BMW

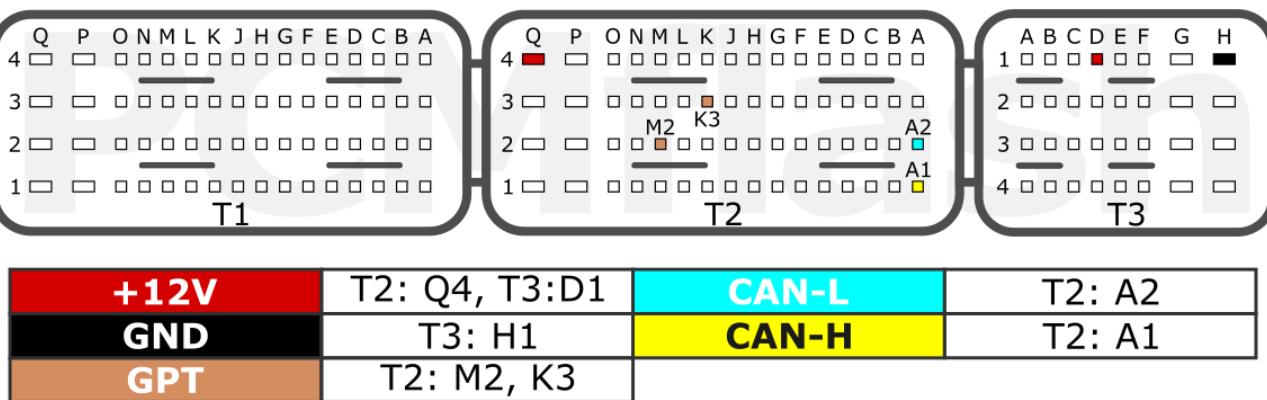
# PCMflash

Engine Control Unit  
EDC17C42 TC1767

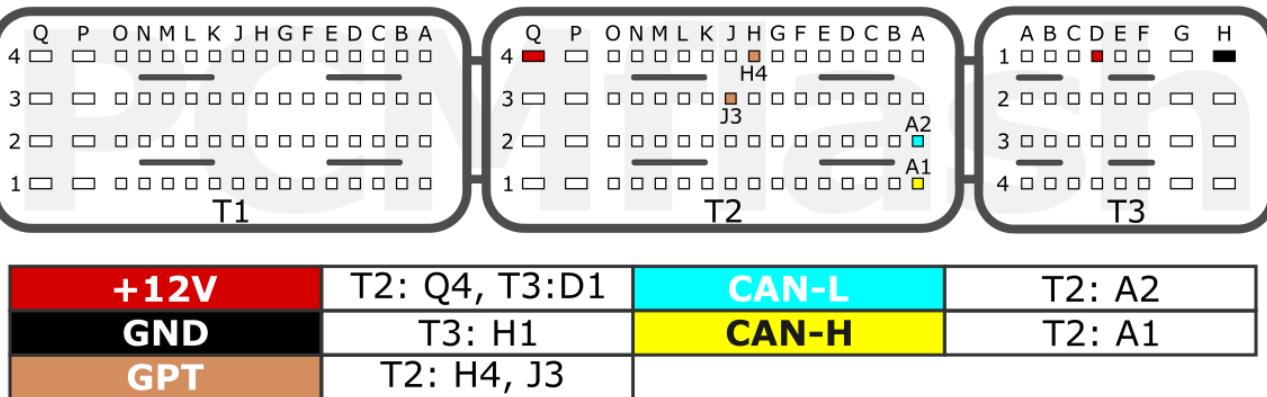
### Connection version 1



### Connection version 2



### Connection version 3



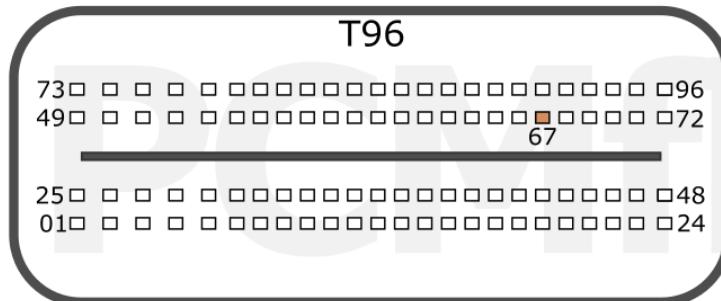
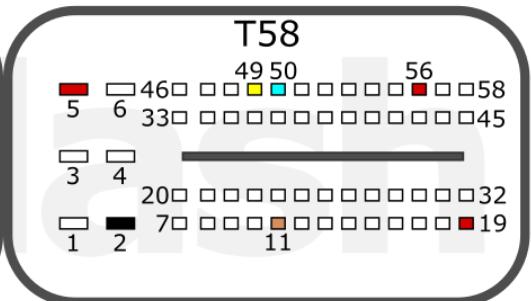
RENAULT

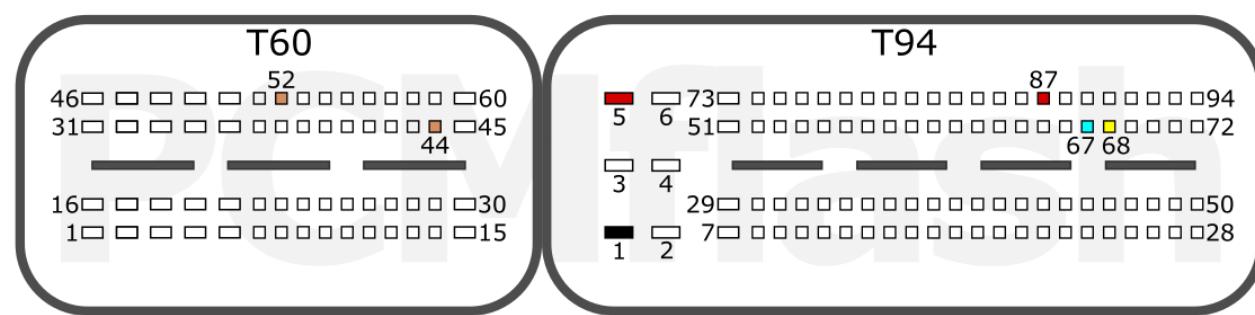
<b>PCMflash</b>	Engine Control Unit <b>EDC17C43 TC1797</b>
-----------------	---

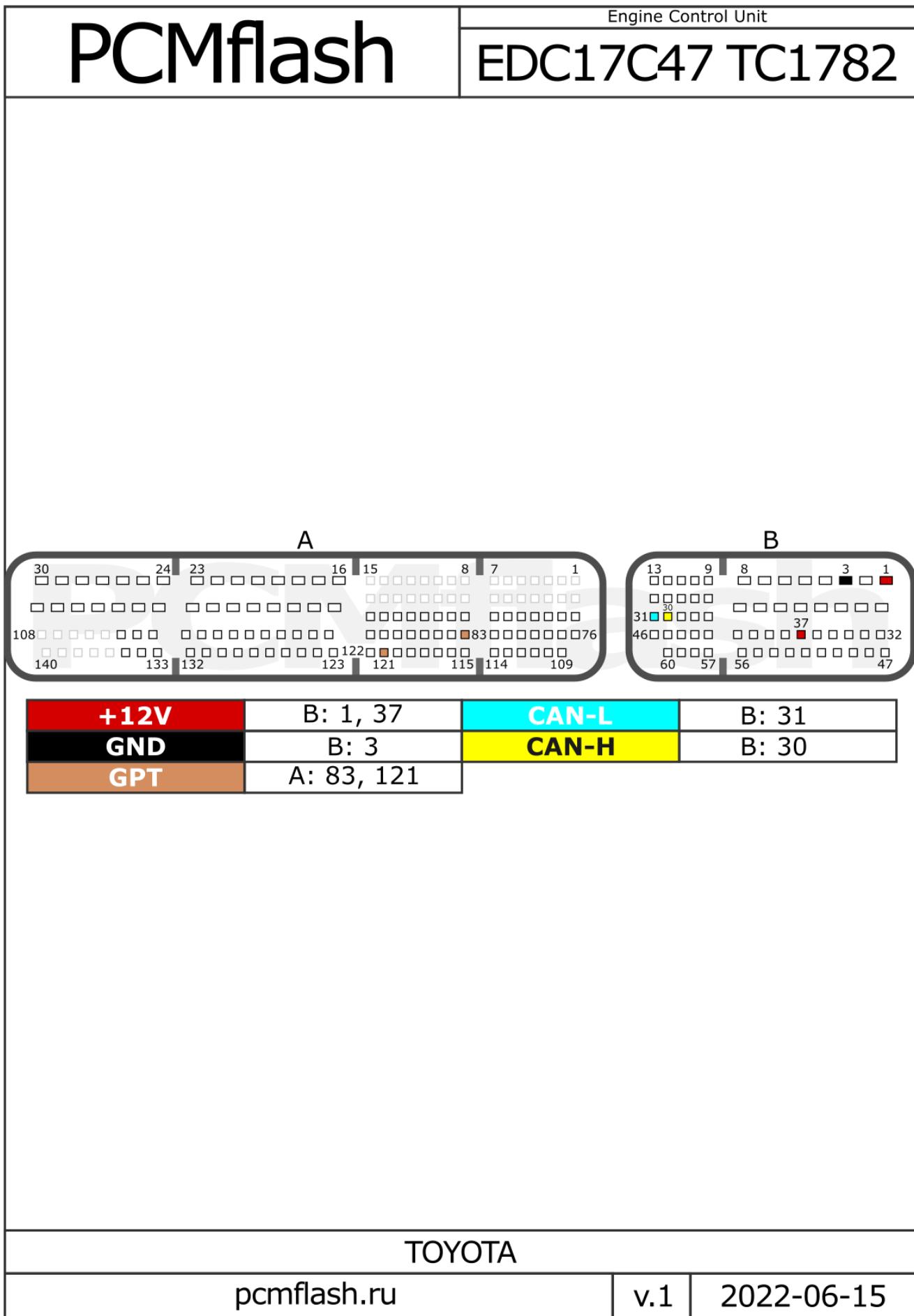


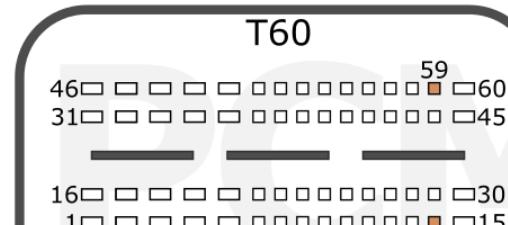
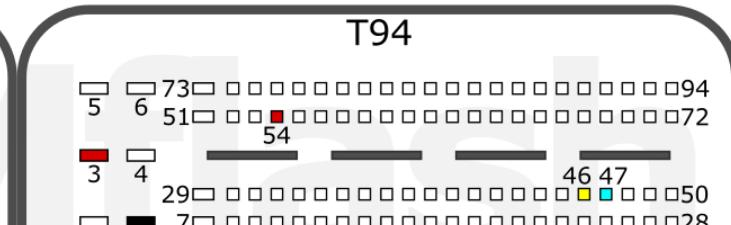
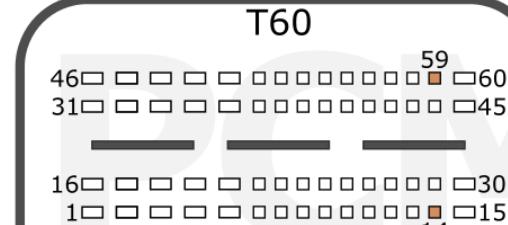
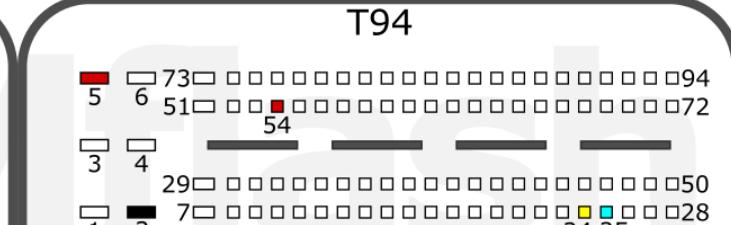
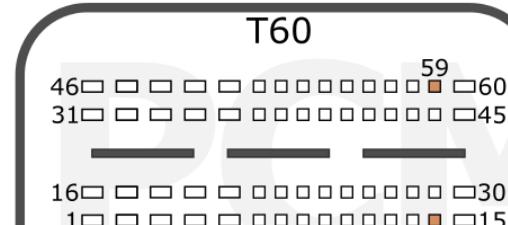
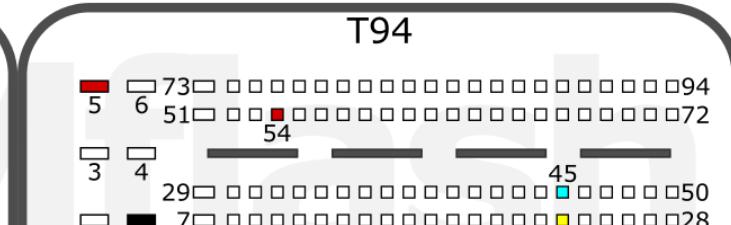
<b>+12V</b>	T58: 1, 15	<b>CAN-L</b>	T58: 54
<b>GND</b>	T58: 4	<b>CAN-H</b>	T58: 41
<b>GPT</b>	T96: 39, 67		

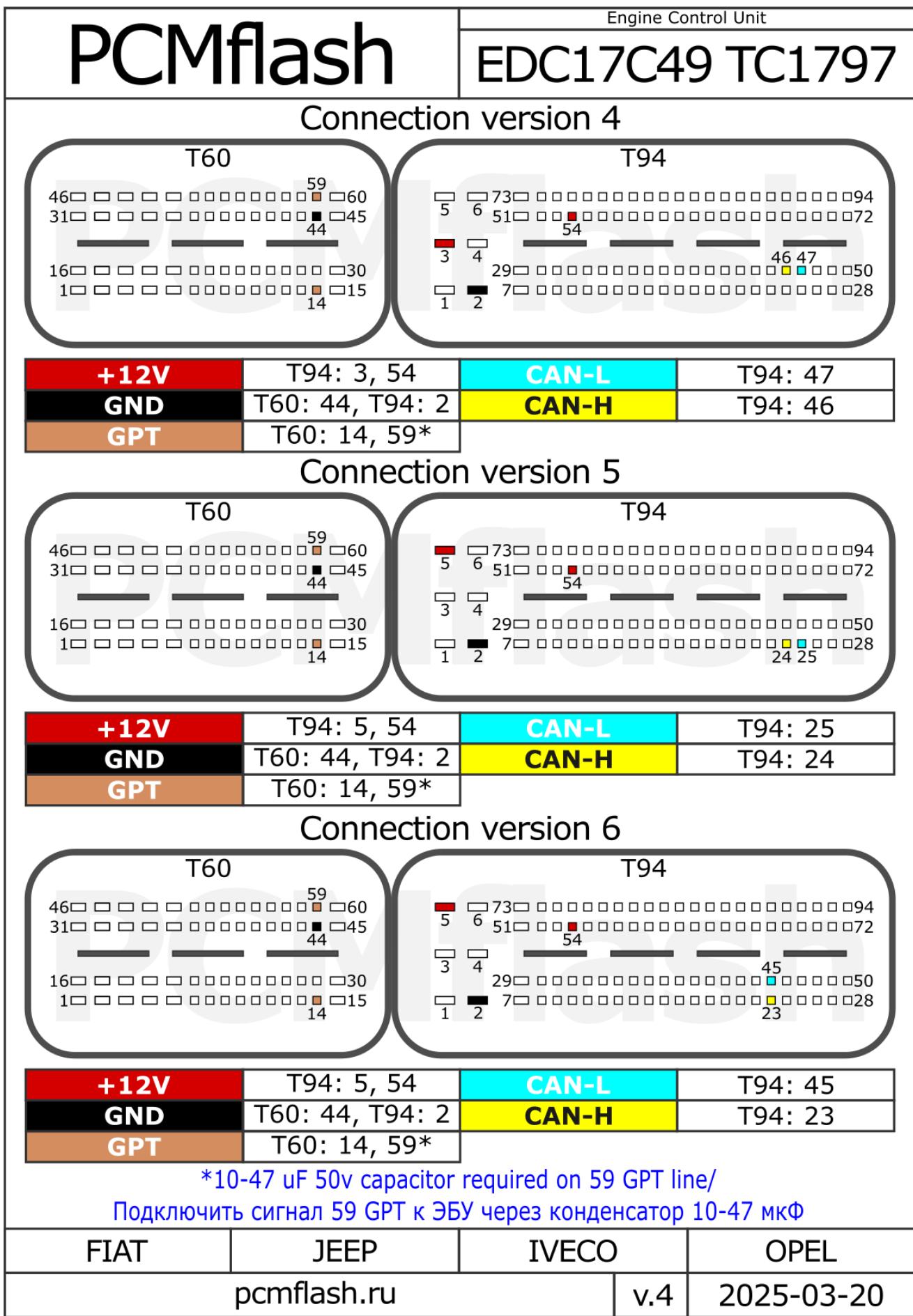
MB

PCMflash	Engine Control Unit EDC17C45 TC1767
	
+12V	T58: 5, 56, 19
GND	T58: 2
GPT	T96: 67, T58:11
	CAN-L
	T58: 50
	CAN-H
	T58: 49
NISSAN	
pcmflash.ru	v.1 2021-12-08

PCMflash	Engine Control Unit EDC17C46 TC1767		
			
+12V	T94: 5, 87	CAN-L	T94: 67
GND	T94: 1	CAN-H	T94: 68
GPT	T60: 44, 52		
VAG			
pcmflash.ru	v.1	2021-08-25	



PCMflash		Engine Control Unit EDC17C49 TC1797	
Connection version 1			
 <p>T60</p>		 <p>T94</p>	
+12V	T94: 3, 54	CAN-L	T94: 47
GND	T94: 2	CAN-H	T94: 46
GPT	T60: 14, 59		
Connection version 2			
 <p>T60</p>		 <p>T94</p>	
+12V	T94: 5, 54	CAN-L	T94: 25
GND	T94: 2	CAN-H	T94: 24
GPT	T60: 14, 59		
Connection version 3			
 <p>T60</p>		 <p>T94</p>	
+12V	T94: 5, 54	CAN-L	T94: 45
GND	T94: 2	CAN-H	T94: 23
GPT	T60: 59, 14		
See the next page/См. следующую страницу			
FIAT	JEEP	IVECO	OPEL
pcmflash.ru	v.4	2025-03-20	



<b>PCMflash</b>	Engine Control Unit
	<b>EDC17C50 TC1797</b>



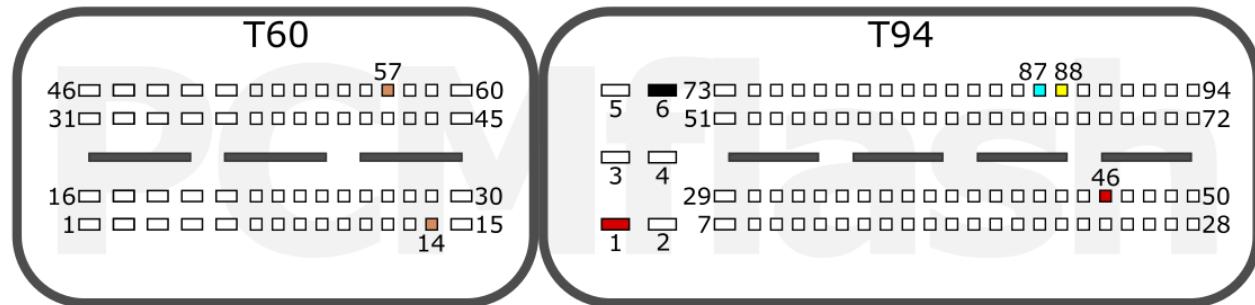
<b>+12V</b>	T58: 1, 18	<b>CAN-L</b>	T58: 55
<b>GND</b>	T58: 2	<b>CAN-H</b>	T58: 56
<b>GPT</b>	T96: 89, 92		

BMW

# PCMflash

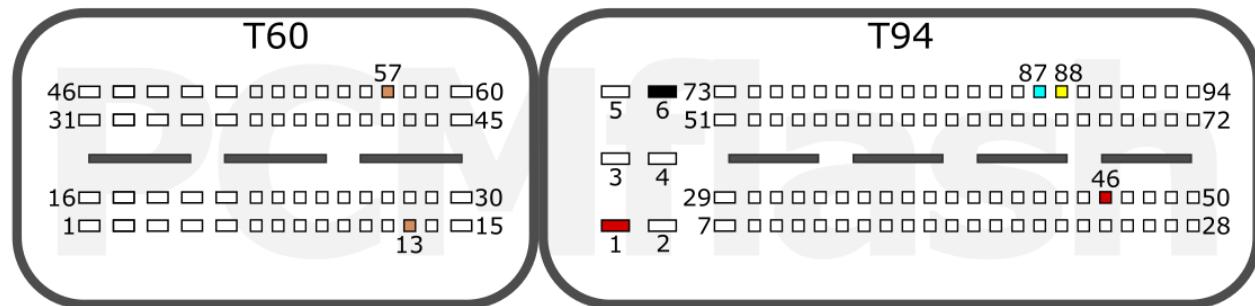
Engine Control Unit  
EDC17C53 TC1767

## Connection version 1



+12V	T94: 1, 46	CAN-L	T94: 87
GND	T94: 6	CAN-H	T94: 88
GPT	T60: 14, 57		

## Connection version 2

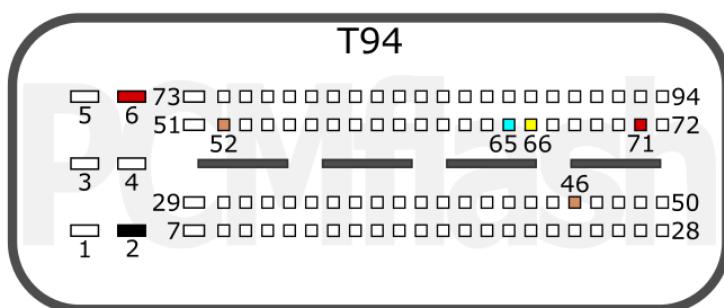


+12V	T94: 1, 46	CAN-L	T94: 87
GND	T94: 6	CAN-H	T94: 88
GPT	T60: 13, 57		

HAVAL	JAC	K/H
pcmflash.ru	v.3	2024-10-23

<h1>PCMflash</h1>	Engine Control Unit <b>EDC17C54 TC1797</b>
<b>+12V</b> <b>GND</b> <b>GPT</b>	T94: 5, 87 T94: 1 T60: 43, 59
<b>CAN-L</b> <b>CAN-H</b>	T94: 67 T94: 68
<b>VAG</b>	
<a href="http://pcmflash.ru">pcmflash.ru</a>	v.1 2021-08-29

<b>PCMflash</b>	Engine Control Unit
	<b>EDC17C55 TC1767</b>



<b>+12V</b>	6, 71	<b>CAN-L</b>	65
<b>GND</b>	2	<b>CAN-H</b>	66
<b>GPT</b>	46, 52		

ALL

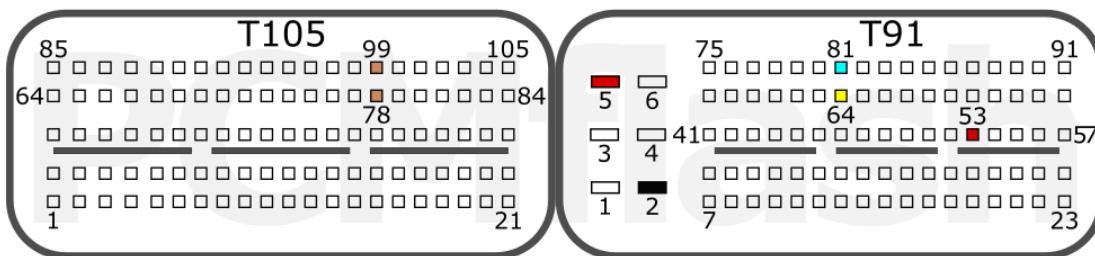
<b>PCMflash</b>	Engine Control Unit <b>EDC17C56 TC1797</b>
-----------------	---



<b>+12V</b>	T58: 1, 18	<b>CAN-L</b>	T58: 55
<b>GND</b>	T58: 2	<b>CAN-H</b>	T58: 56
<b>GPT</b>	T96: 92, 89		

BMW

<b>PCMflash</b>	Engine Control Unit
	<b>EDC17C57 TC1793</b>



<b>+12V</b>	T91: 5, 53	<b>CAN-L</b>	T91: 81
<b>GND</b>	T91: 2	<b>CAN-H</b>	T91: 64
<b>GPT</b>	T105: 99, 78		

K/H

<b>PCMflash</b>	Engine Control Unit
	<b>EDC17C58 TC1793</b>



<b>+12V</b>	T58: 3, 15	<b>CAN-L</b>	T58: 41
<b>GND</b>	T58: 4	<b>CAN-H</b>	T58: 54
<b>GPT</b>	T96: 35, 39		

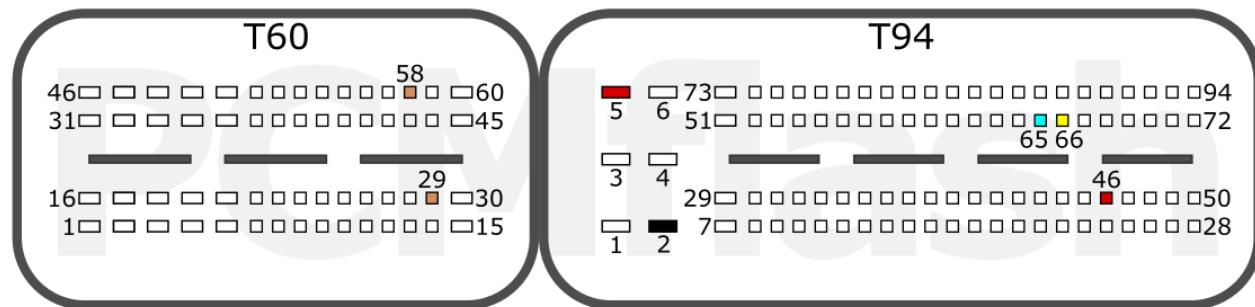
HONDA

# PCMflash

Engine Control Unit

## EDC17C59 TC1767

### 1.3-LITRE ENGINE



+12V

T94: 5, 46

CAN-L

T94: 65

GND

T94: 2

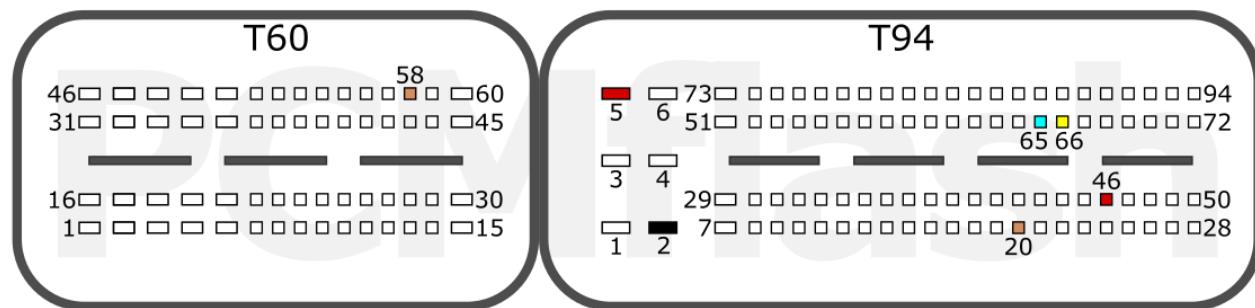
CAN-H

T94: 66

GPT

T60: 29, 58

### 2.0-LITRE ENGINE



+12V

T94: 5, 46

CAN-L

T94: 65

GND

T94: 2

CAN-H

T94: 66

GPT

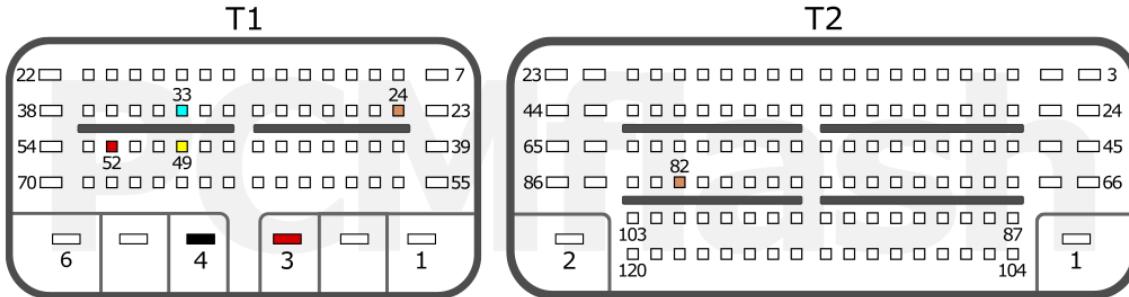
T60: 58, T94: 20

OPEL

# PCMflash

Engine Control Unit  
EDC17C60 TC1793

## Connection version 1



+12V	T1: 52, 3	CAN-L	T1: 33
GND	T1: 4	CAN-H	T1: 49
GPT	T1: 24, T2:82		

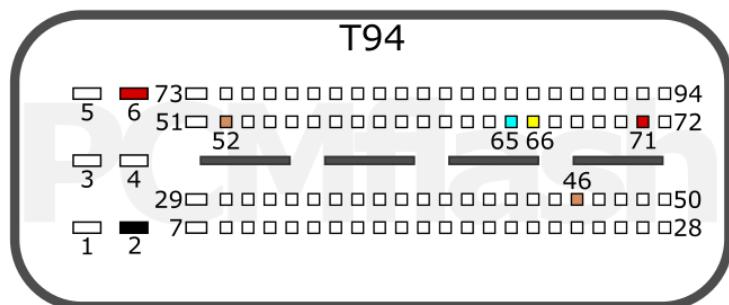
## Connection version 2



+12V	T1: 52, 3, 2	CAN-L	T1: 33
GND	T1: 4, 5	CAN-H	T1: 49
GPT	T1: 24, T2:82		

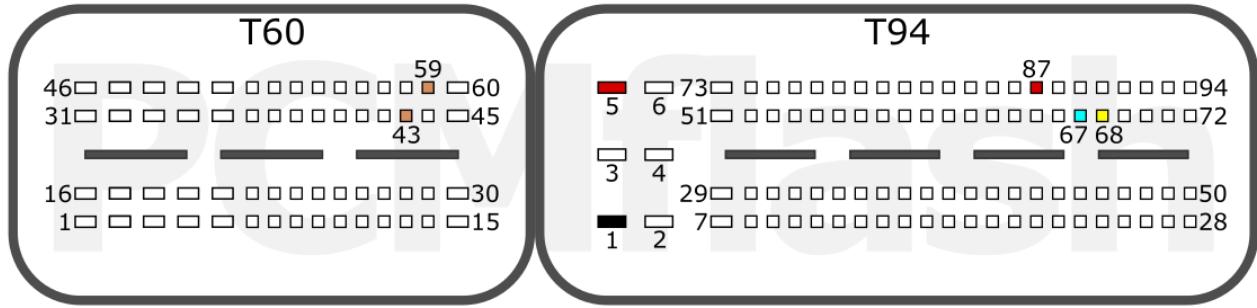
PSA

PCMflash	Engine Control Unit
	EDC17C63 TC1724

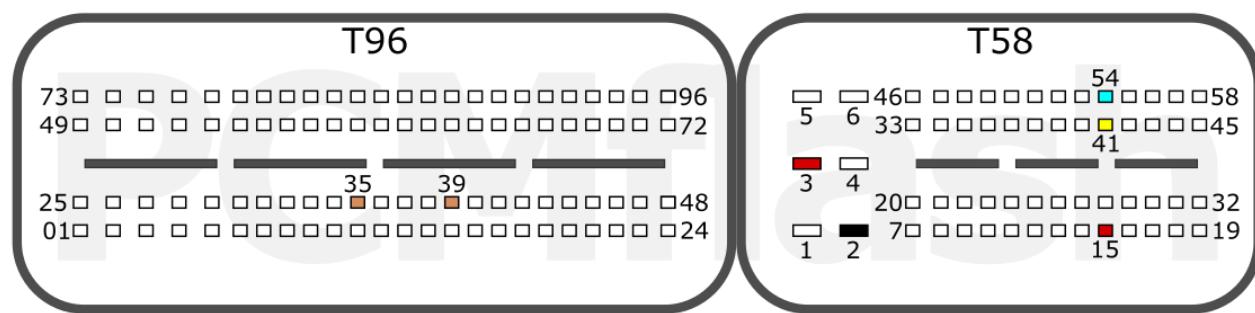


+12V	T94: 6, 71	CAN-L	T94: 65
GND	T94: 2	CAN-H	T94: 66
GPT	T94: 46, 52		

ISUZU

PCMflash	Engine Control Unit EDC17C64 TC1797		
			
+12V	T94: 5, 87	CAN-L	T94: 67
GND	T94: 1	CAN-H	T94: 68
GPT	T60: 59, 43		
SEAT			
pcmflash.ru	v.1	2021-10-07	

<b>PCMflash</b>	Engine Control Unit
	<b>EDC17C66 TC1793</b>



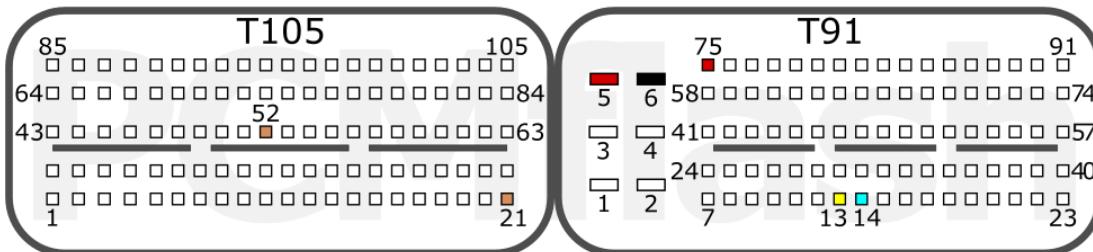
<b>+12V</b>	T58: 3, 15	<b>CAN-L</b>	T58: 54
<b>GND</b>	T58: 2	<b>CAN-H</b>	T58: 41
<b>GPT</b>	T96: 35, 39		

MB

# PCMflash

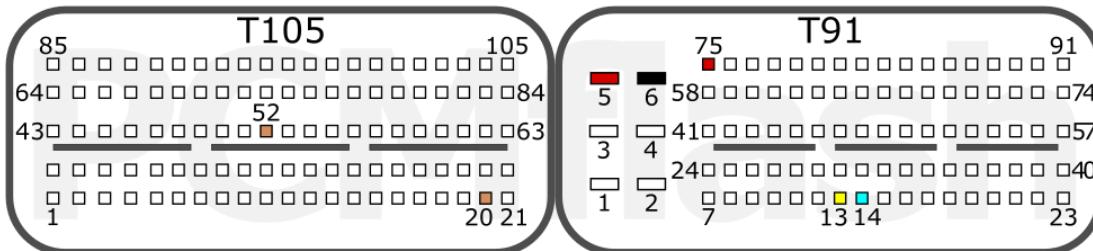
Engine Control Unit  
EDC17C69 TC1793

## Connection version 1



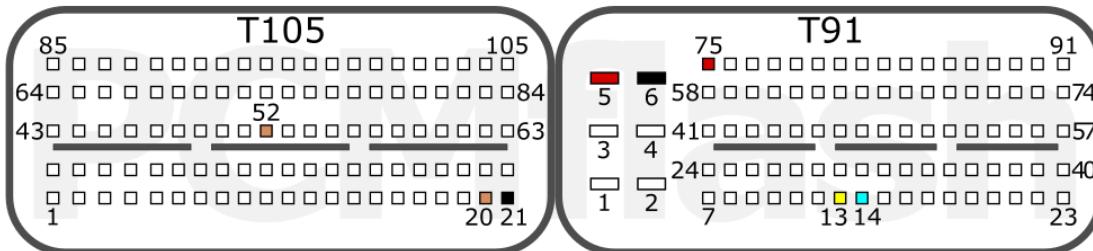
<b>+12V</b>	T91: 5, 75	<b>CAN-L</b>	T91: 14
<b>GND</b>	T91: 6	<b>CAN-H</b>	T91: 13
<b>GPT</b>	T105: 52, 21		

## Connection version 2



<b>+12V</b>	T91: 5, 75	<b>CAN-L</b>	T91: 14
<b>GND</b>	T91: 6	<b>CAN-H</b>	T91: 13
<b>GPT</b>	T105: 52, 20		

## Connection version 3

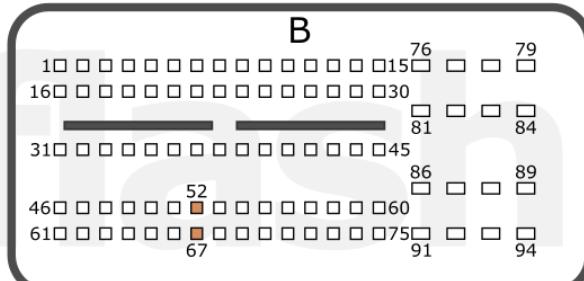
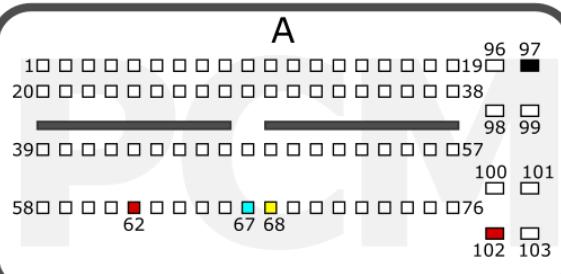


<b>+12V</b>	T91: 5, 75	<b>CAN-L</b>	T91: 14
<b>GND</b>	T105: 21, T91: 6	<b>CAN-H</b>	T91: 13
<b>GPT</b>	T105: 52, 20*		
*Install 10uF capacitor on 20 GPT line			

JEEP

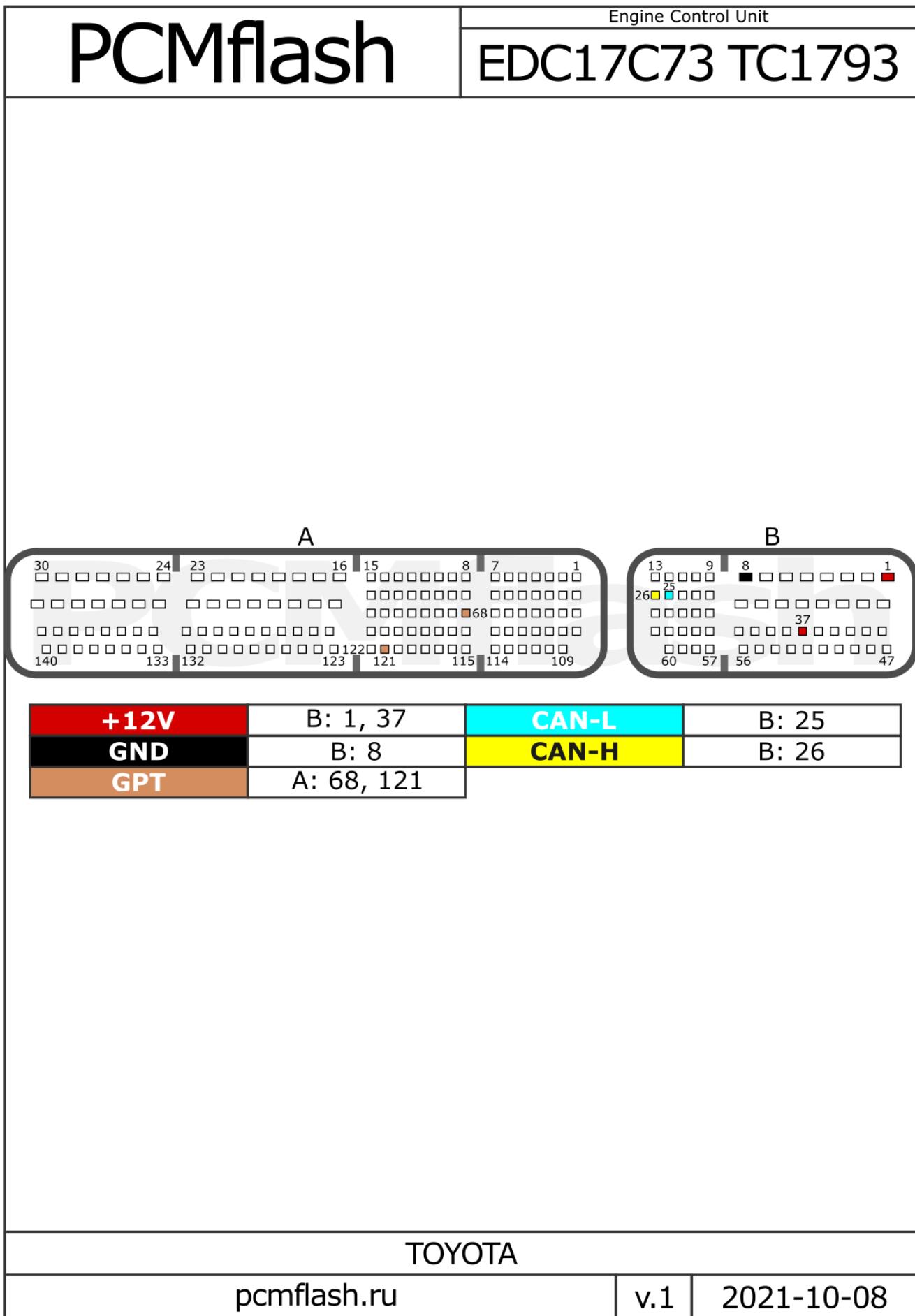
IVECO

<b>PCMflash</b>	Engine Control Unit
	<b>EDC17C70 TC1793</b>



<b>+12V</b>	A: 62, 102	<b>CAN-L</b>	A: 67
<b>GND</b>	A: 97	<b>CAN-H</b>	A: 68
<b>GPT</b>	B: 67, 52		

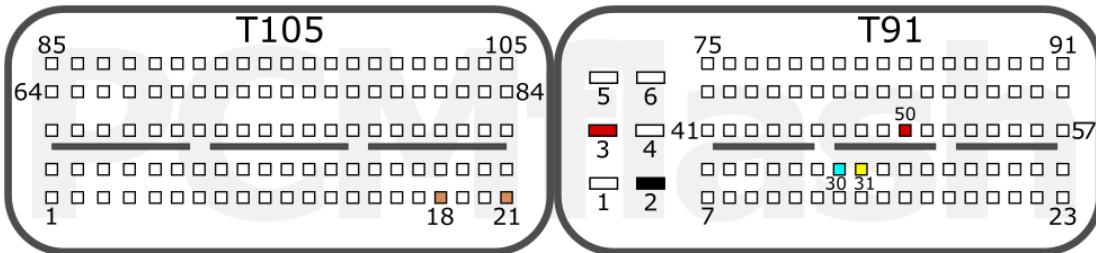
FORD



# PCMflash

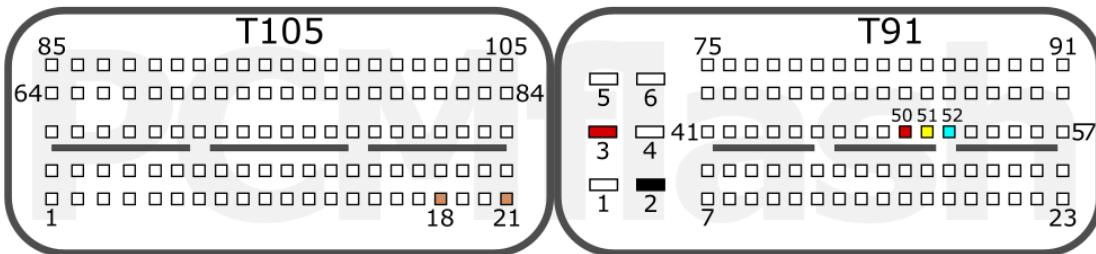
Engine Control Unit  
EDC17C74 TC1793

## Connection version 1



+12V	T91: 3, 50	CAN-L	T91: 30
GND	T91: 2	CAN-H	T91: 31
GPT	T105: 18, 21		

## Connection version 2



+12V	T91: 3, 50	CAN-L	T91: 52
GND	T91: 2	CAN-H	T91: 51
GPT	T105: 18, 21		

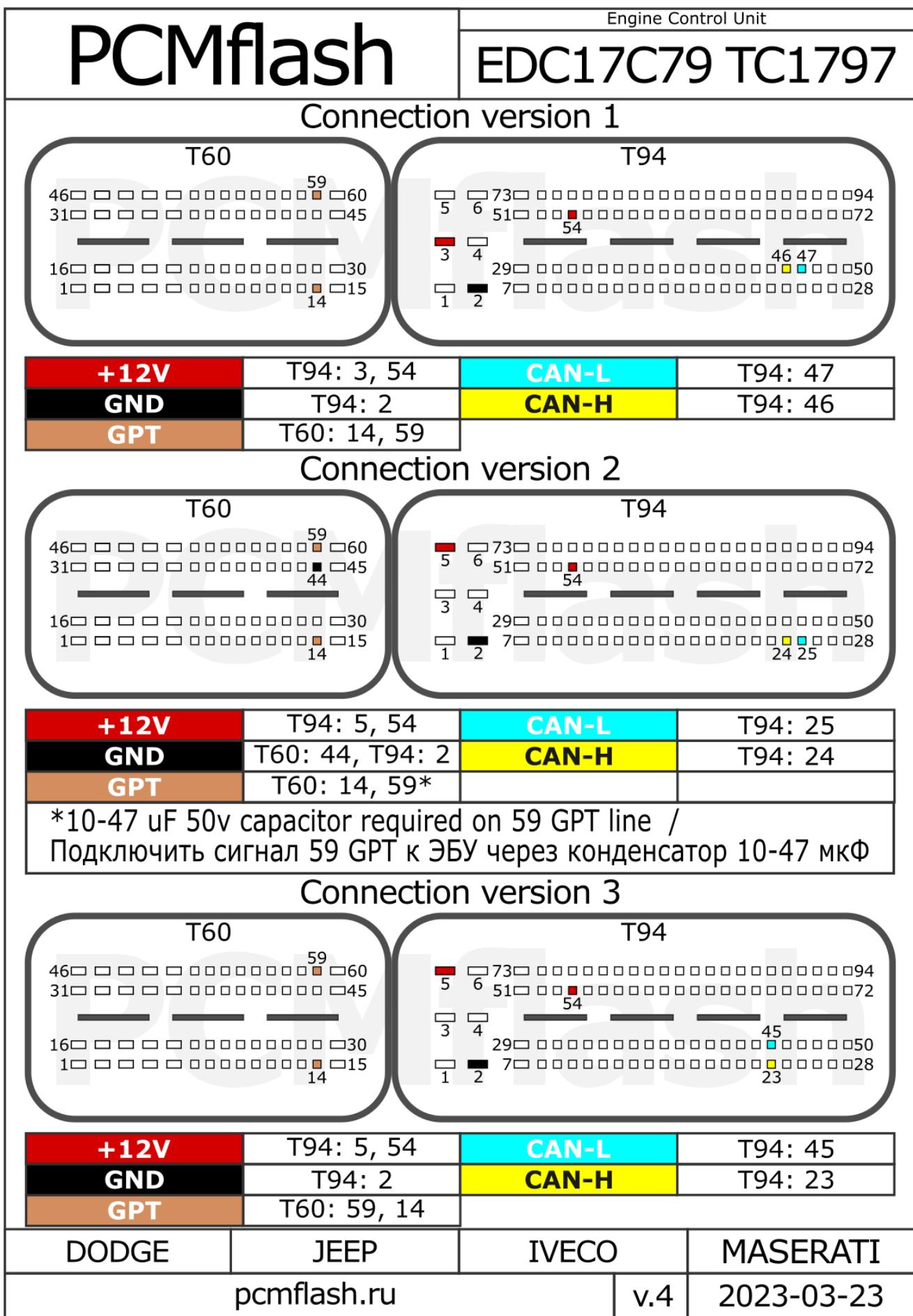
VAG

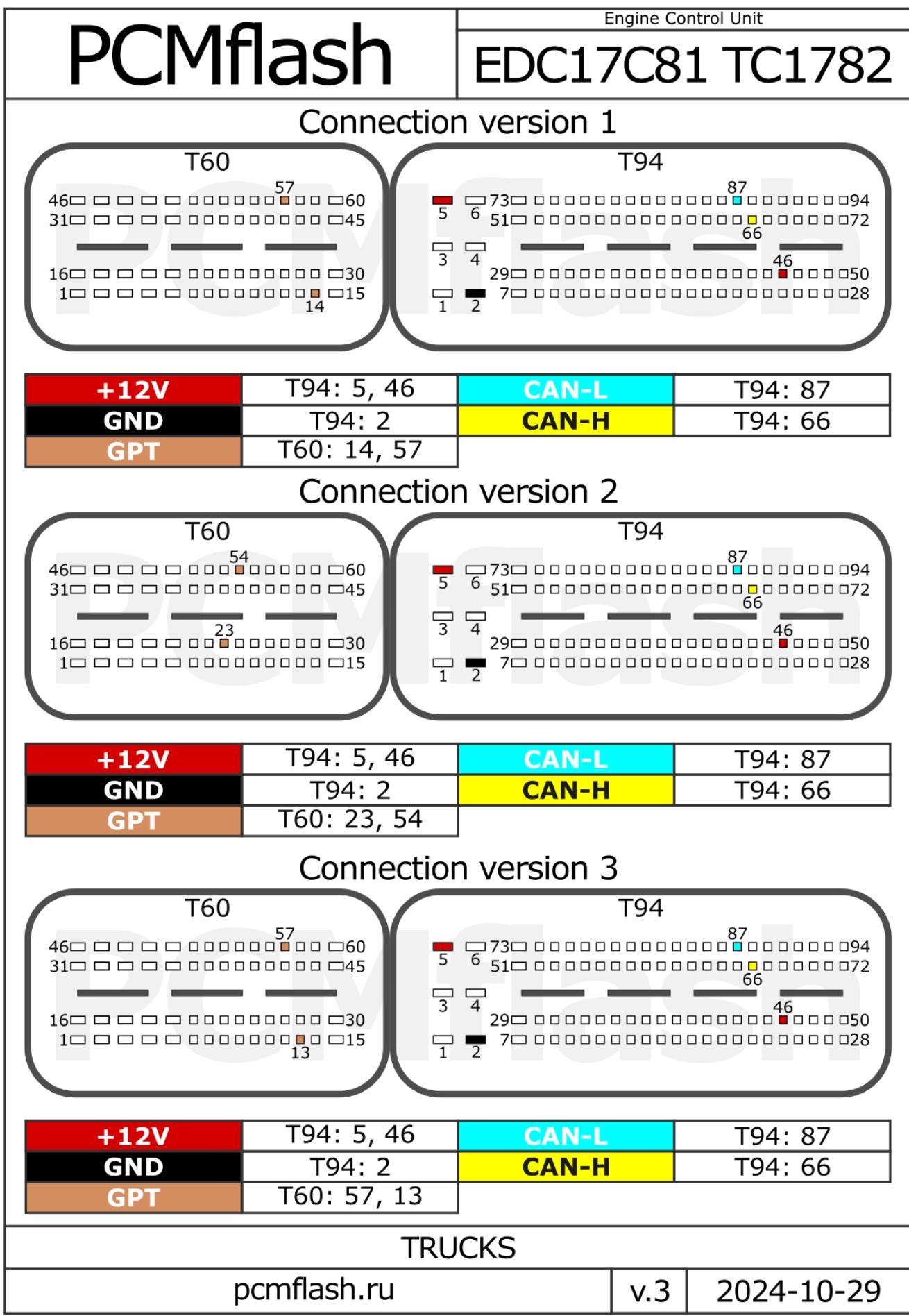
<b>PCMflash</b>	Engine Control Unit
	<b>EDC17C76 TC1793</b>



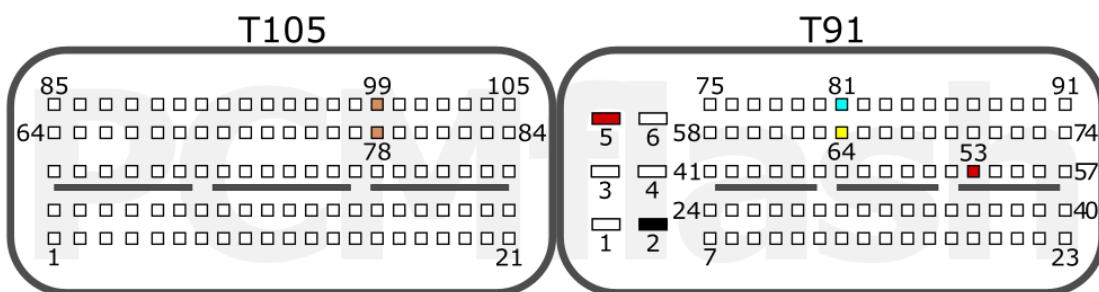
<b>+12V</b>	T58: 1, 18	<b>CAN-L</b>	T58: 55
<b>GND</b>	T58: 2	<b>CAN-H</b>	T58: 56
<b>GPT</b>	T96: 92, 89		

BMW





<b>PCMflash</b>	Engine Control Unit <b>EDC17C83 TC1793</b>
-----------------	---



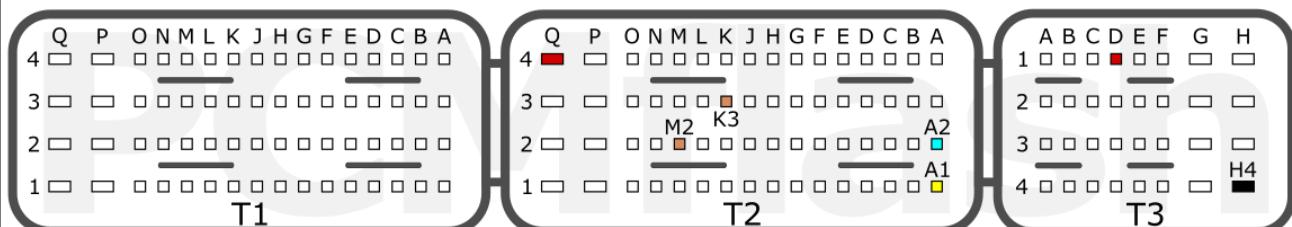
<b>+12V</b>	T91: 5, 53	<b>CAN-L</b>	T91: 81
<b>GND</b>	T91: 2	<b>CAN-H</b>	T91: 64
<b>GPT</b>	T105: 78, 99		

ISUZU

# PCMflash

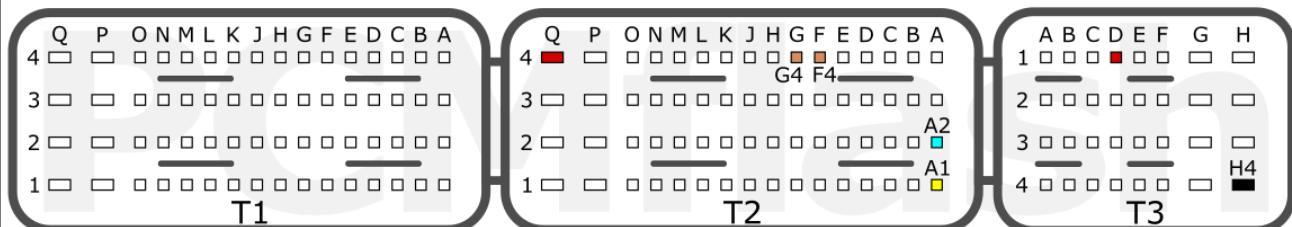
Engine Control Unit  
EDC17C84 TC1782

## Connection version 1



<b>+12V</b>	T2: Q4, T3: D1	<b>CAN-L</b>	T2: A2
<b>GND</b>	T3: H4	<b>CAN-H</b>	T2: A1
<b>GPT</b>	T2: M2, K3		

## Connection version 2



<b>+12V</b>	T2: Q4, T3: D1	<b>CAN-L</b>	T2: A2
<b>GND</b>	T3: H4	<b>CAN-H</b>	T2: A1
<b>GPT</b>	T2: F4, G4		

NISSAN

OPEL

RENAULT

<b>PCMflash</b>	Engine Control Unit
	<b>EDC17CP01 TC1796</b>



<b>+12V</b>	T58: 3, 15	<b>CAN-L</b>	T58: 41
<b>GND</b>	T58: 2	<b>CAN-H</b>	T58: 54
<b>GPT</b>	T96: 35, 39		

MB

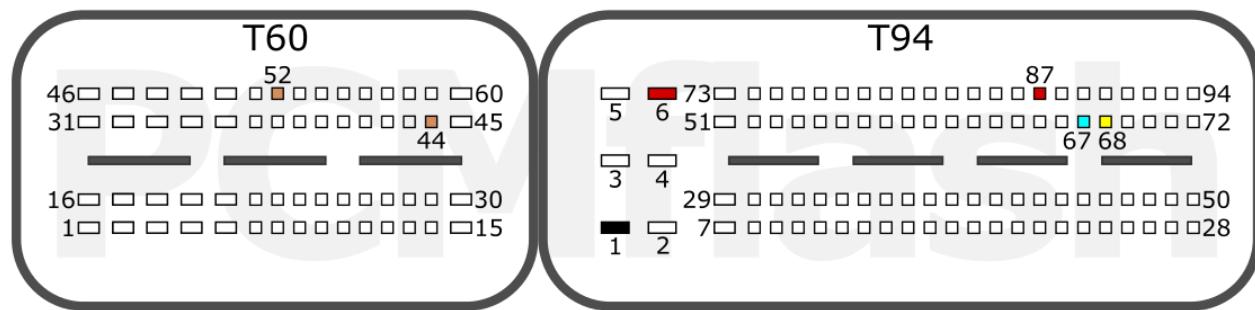
<b>PCMflash</b>	Engine Control Unit
	<b>EDC17CP02 TC1766</b>



<b>+12V</b>	T58: 1, 7	<b>CAN-L</b>	T58: 33
<b>GND</b>	T58: 2	<b>CAN-H</b>	T58: 46
<b>GPT</b>	T96: 62, 87		

BMW

<b>PCMflash</b>	Engine Control Unit
	<b>EDC17CP04 TC1796</b>



<b>+12V</b>	T94: 6, 87	<b>CAN-L</b>	T94: 67
<b>GND</b>	T94: 1	<b>CAN-H</b>	T94: 68
<b>GPT</b>	T60: 52, 44		

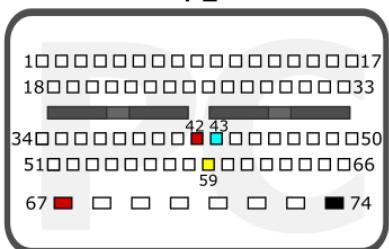
AUDI

# PCMflash

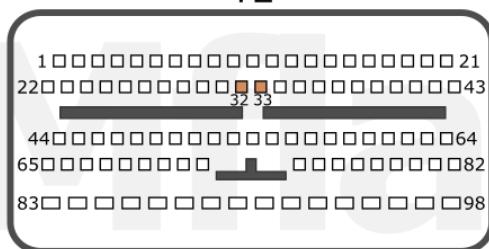
Engine Control Unit

EDC17CP05 TC1796/TC1797

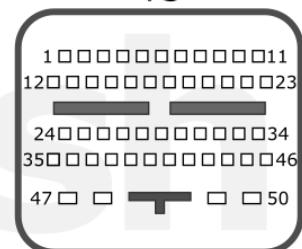
T1



T2



T3

**+12V**

T1: 42, 67

**CAN-L**

T1: 43

**GND**

T1: 74

**CAN-H**

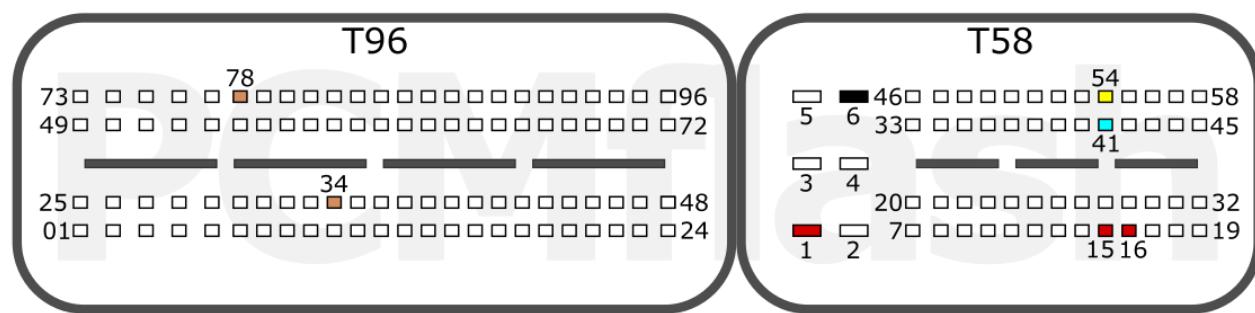
T1: 59

**GPT**

T2: 32, 33

FORD

<b>PCMflash</b>	Engine Control Unit
	<b>EDC17CP06 TC1796</b>

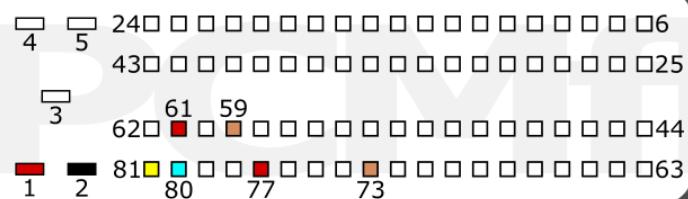


<b>+12V</b>	T58: 1, 15, 16	<b>CAN-L</b>	T58: 41
<b>GND</b>	T58: 6	<b>CAN-H</b>	T58: 54
<b>GPT</b>	T96: 34, 78		

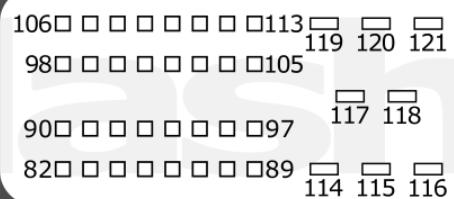
HONDA

<b>PCMflash</b>	Engine Control Unit
	<b>EDC17CP07 TC1766</b>

T1



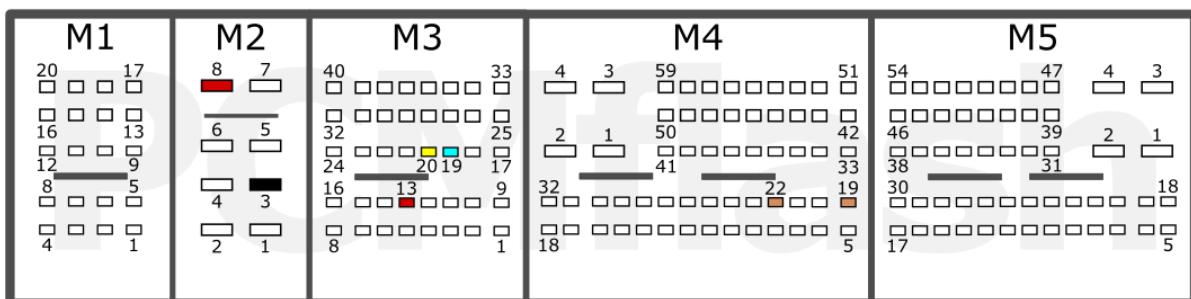
T2



<b>+12V</b>	T1: 1, 61, 77	<b>CAN-L</b>	T1: 80
<b>GND</b>	T1: 2	<b>CAN-H</b>	T1: 81
<b>GPT</b>	T1: 59, 73		

TOYOTA

<b>PCMflash</b>	Engine Control Unit
	<b>EDC17CP09 TC1796</b>



<b>+12V</b>	M2: 8, M3: 13	<b>CAN-L</b>	M3: 19
<b>GND</b>	M2: 3	<b>CAN-H</b>	M3: 20
<b>GPT</b>	M4: 22, 19		

BMW

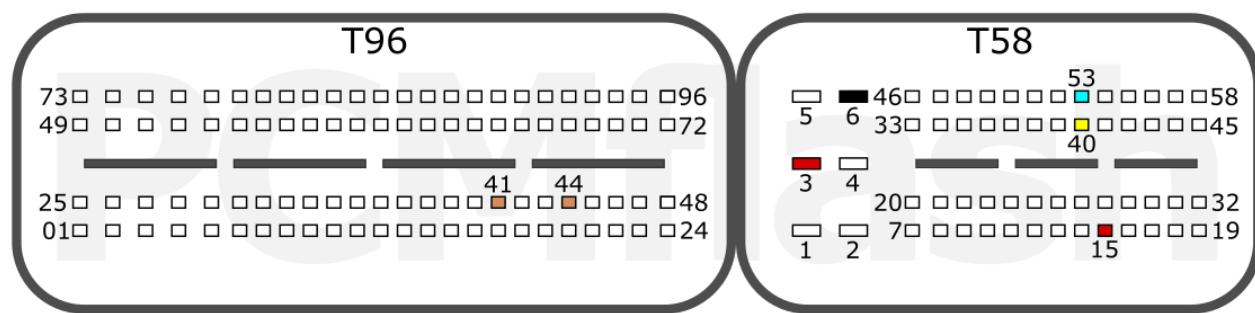
<b>PCMflash</b>	Engine Control Unit
	<b>EDC17CP10 TC1796</b>



<b>+12V</b>	T58: 3, 15	<b>CAN-L</b>	T58: 54
<b>GND</b>	T58: 2	<b>CAN-H</b>	T58: 41
<b>GPT</b>	T96: 35, 39		

MB

<b>PCMflash</b>	Engine Control Unit
	<b>EDC17CP11 TC1796</b>



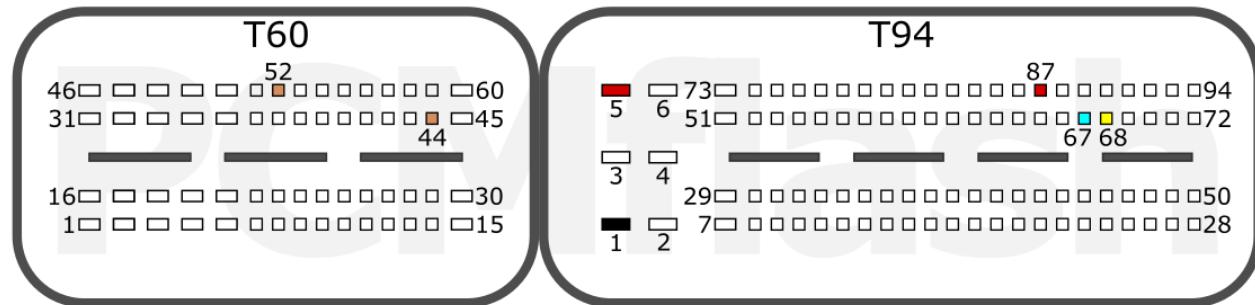
<b>+12V</b>	T58: 3, 15	<b>CAN-L</b>	T58: 53
<b>GND</b>	T58: 6	<b>CAN-H</b>	T58: 40
<b>GPT</b>	T96: 41, 44		

JLR

# PCMflash

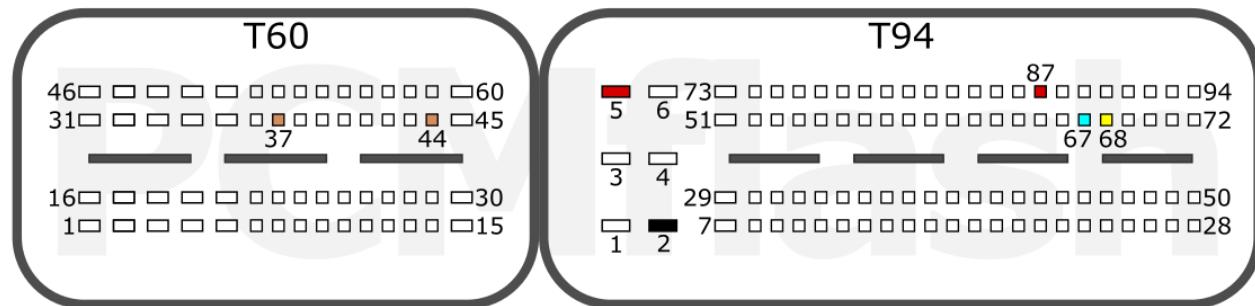
Engine Control Unit  
EDC17CP14 TC1796

## Connection version 1



+12V	T94: 5, 87	CAN-L	T94: 67
GND	T94: 1	CAN-H	T94: 68
GPT	T60: 52, 44		

## Connection version 2



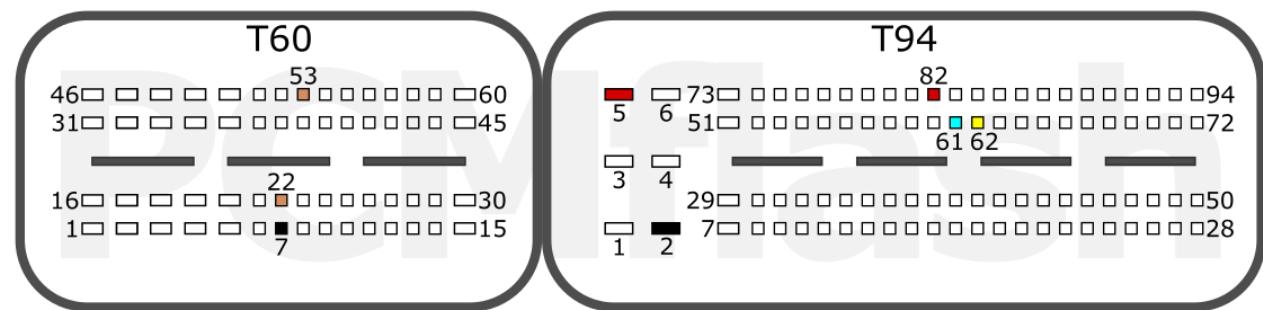
+12V	T94: 5, 87	CAN-L	T94: 67
GND	T94: 2	CAN-H	T94: 68
GPT	T60: 37, 44		

K/H

VAG

# PCMflash

Engine Control Unit  
EDC17CP15 TC1796



+12V	T94: 5, 82	CAN-L	T94: 61
GND	T60: 7, T94: 2	CAN-H	T94: 62
GPT	T60: 53, 22*		

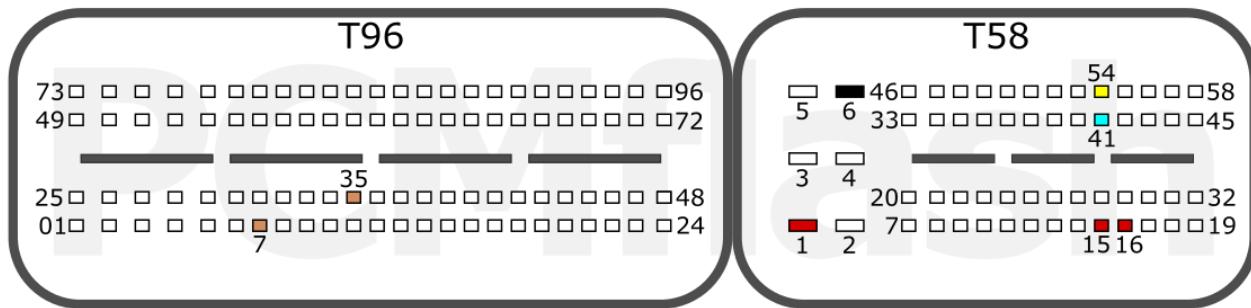
\* 10-50uF capacitor may be required

MITSUBISHI

# PCMflash

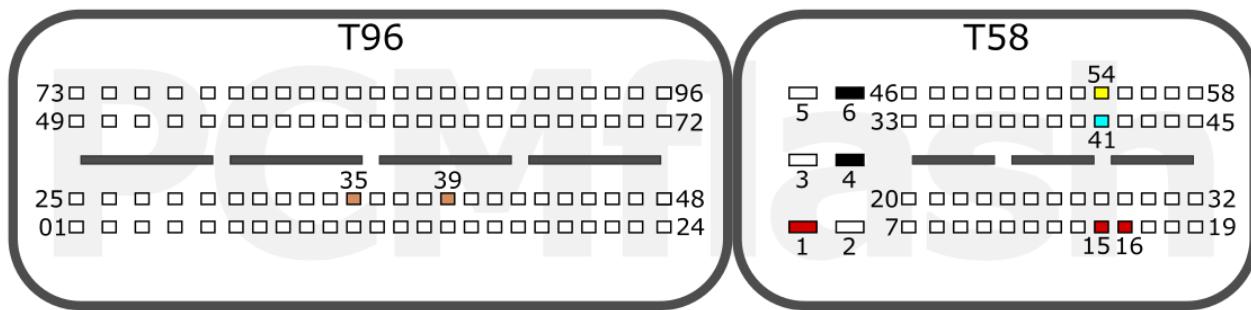
Engine Control Unit  
EDC17CP16 TC1796

## Connection version 1



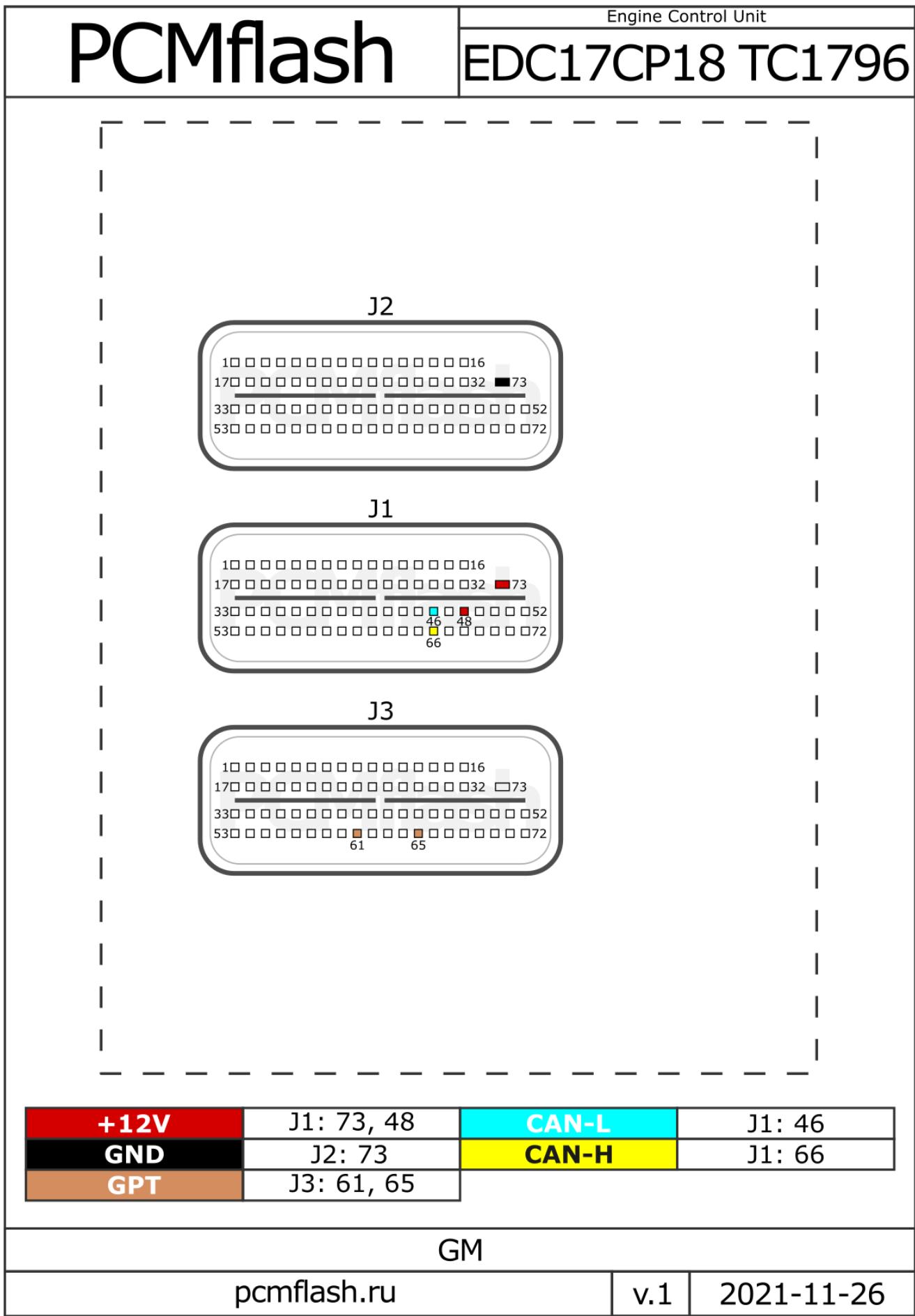
<b>+12V</b>	T58: 1, 15, 16	<b>CAN-L</b>	T58: 41
<b>GND</b>	T58: 6	<b>CAN-H</b>	T58: 54
<b>GPT</b>	T96: 7, 35		

## Connection version 2

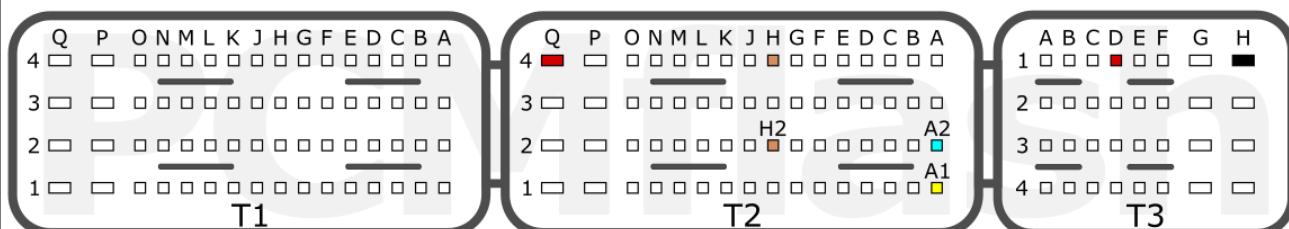


<b>+12V</b>	T58: 1, 15, 16	<b>CAN-L</b>	T58: 41
<b>GND</b>	T58: 4, 6	<b>CAN-H</b>	T58: 54
<b>GPT</b>	T96: 39, 35		

HONDA



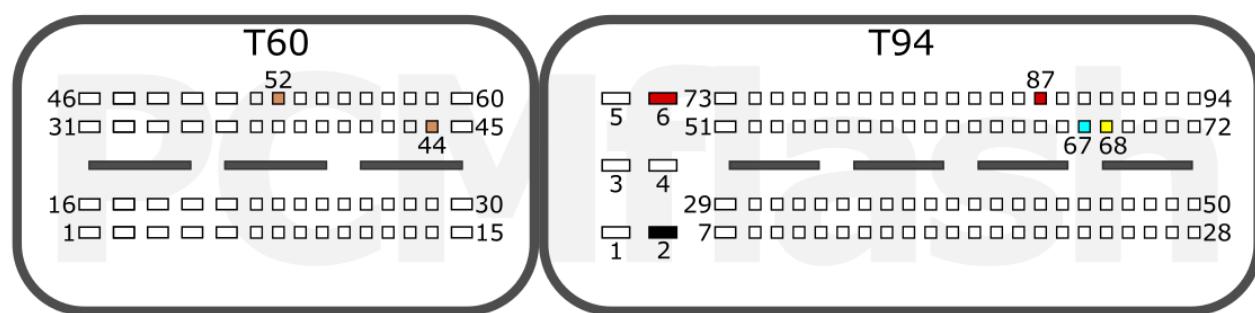
<b>PCMflash</b>	Engine Control Unit EDC17CP19 TC1766
-----------------	---



<b>+12V</b>	T2: Q4, T3:D1	<b>CAN-L</b>	T2: A2
<b>GND</b>	T3: H1	<b>CAN-H</b>	T2: A1
<b>GPT</b>	T2: H2, H4		

RENAULT

<b>PCMflash</b>	Engine Control Unit
	<b>EDC17CP20 TC1796</b>



<b>+12V</b>	T94: 6, 87	<b>CAN-L</b>	T94: 67
<b>GND</b>	T94: 2	<b>CAN-H</b>	T94: 68
<b>GPT</b>	T60: 52, 44		

VAG

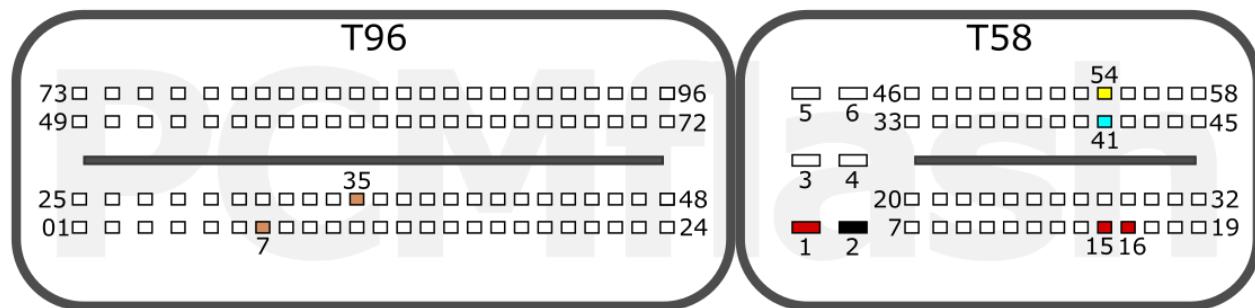
<b>PCMflash</b>	Engine Control Unit
	<b>EDC17CP21 TC1792</b>



<b>+12V</b>	T58: 5, 28	<b>CAN-L</b>	T58: 42
<b>GND</b>	T58: 2	<b>CAN-H</b>	T58: 43
<b>GPT</b>	T96: 88, 64		

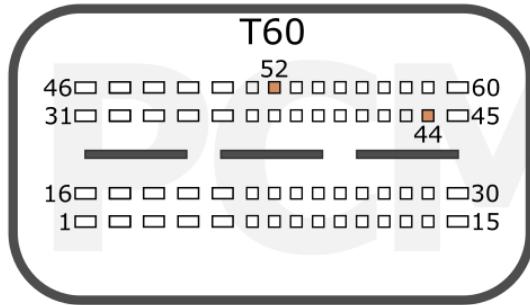
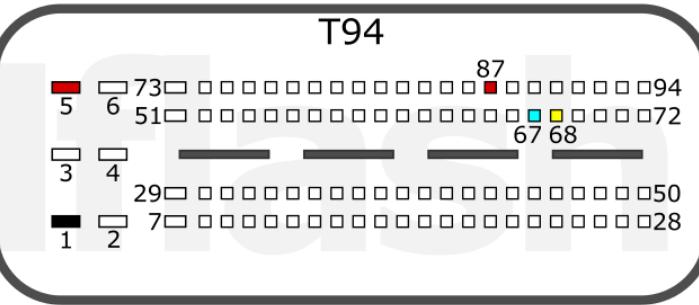
SAAB

<b>PCMflash</b>	Engine Control Unit
	<b>EDC17CP22 TC1796</b>

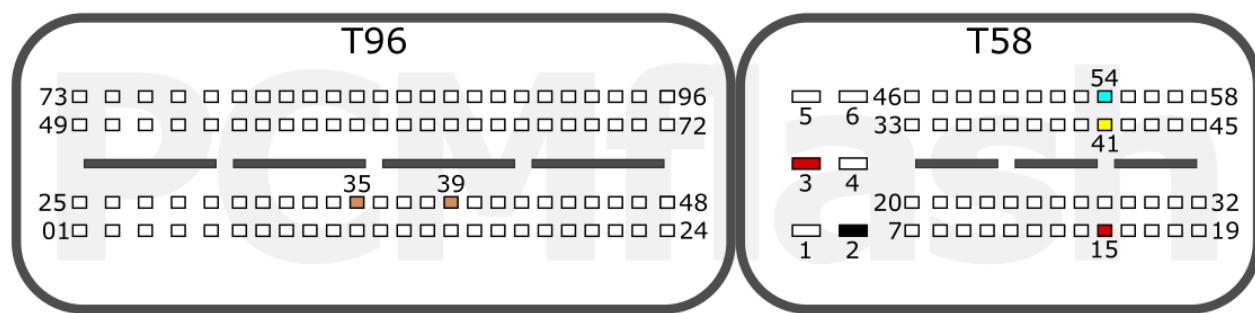


<b>+12V</b>	T58: 1, 15, 16	<b>CAN-L</b>	T58: 41
<b>GND</b>	T58: 2	<b>CAN-H</b>	T58: 54
<b>GPT</b>	T96: 35, 7		

VOLVO

PCMflash	Engine Control Unit EDC17CP24 TC1796
	
+12V	T94: 5, 87
GND	T94: 1
GPT	T60: 52, 44
VAG	
pcmflash.ru	v.1 2021-09-26

<b>PCMflash</b>	Engine Control Unit
	<b>EDC17CP27 TC1796</b>



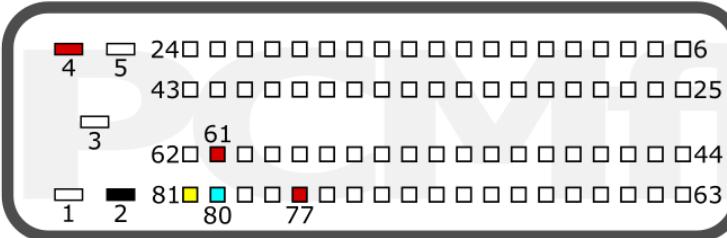
<b>+12V</b>	T58: 3, 15	<b>CAN-L</b>	T58: 54
<b>GND</b>	T58: 2	<b>CAN-H</b>	T58: 41
<b>GPT</b>	T96: 35, 39		

JEEP

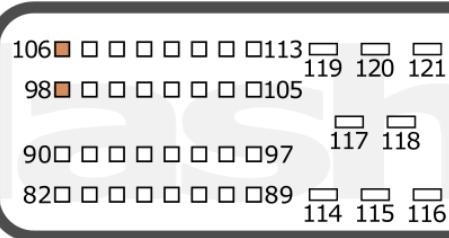


### Connection version 1

T1



T2



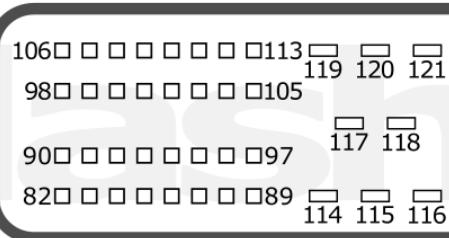
<b>+12V</b>	T1: 4, 61, 77	<b>CAN-L</b>	T1: 80
<b>GND</b>	T1: 2	<b>CAN-H</b>	T1: 81
<b>GPT</b>	T2: 98, 106		

### Connection version 2

T1



T2



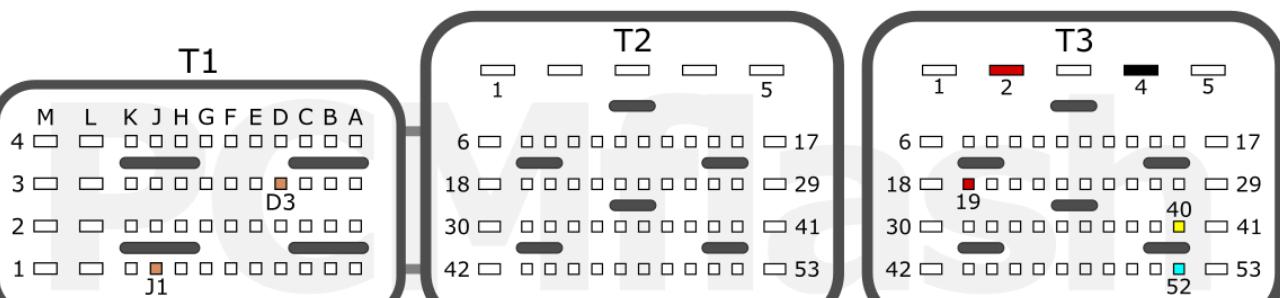
<b>+12V</b>	T1: 4, 61, 77	<b>CAN-L</b>	T1: 80
<b>GND</b>	T1: 2	<b>CAN-H</b>	T1: 81
<b>GPT</b>	T1: 59, 73		

TOYOTA

# PCMflash

Engine Control Unit

EDC17CP42 TC1797



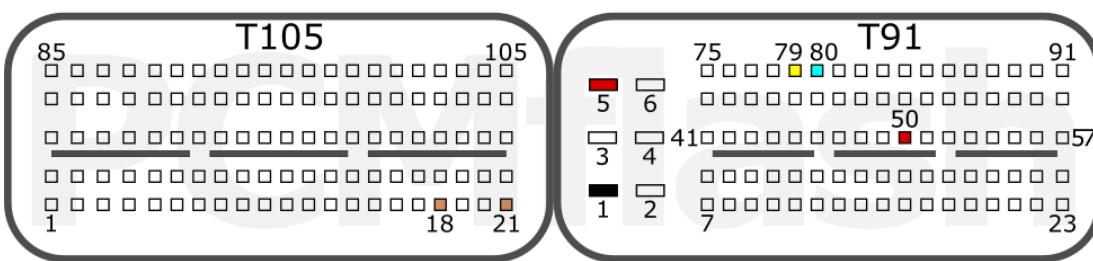
+12V	T3: 2, 19	CAN-L	T3: 52
GND	T3: 4	CAN-H	T3: 40
GPT	T1: D3, J1		

JLR

# PCMflash

Engine Control Unit

EDC17CP44 TC1797



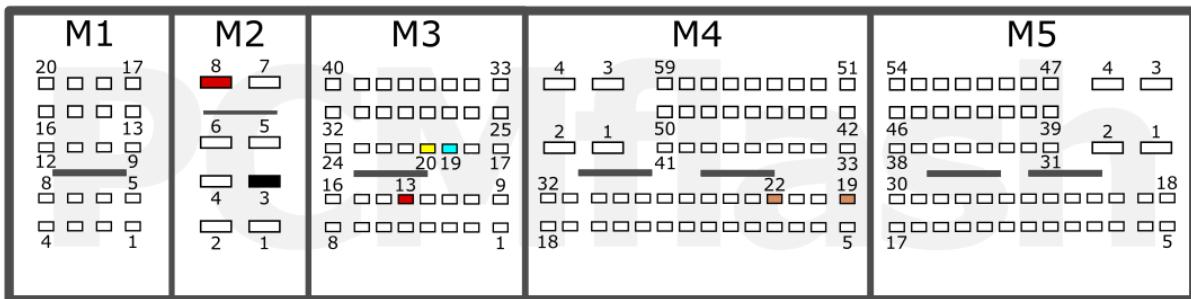
+12V	T91: 5, 50	CAN-L	T91: 80
GND	T91: 1	CAN-H	T91: 79
GPT	T105: 18, 21		

VAG

# PCMflash

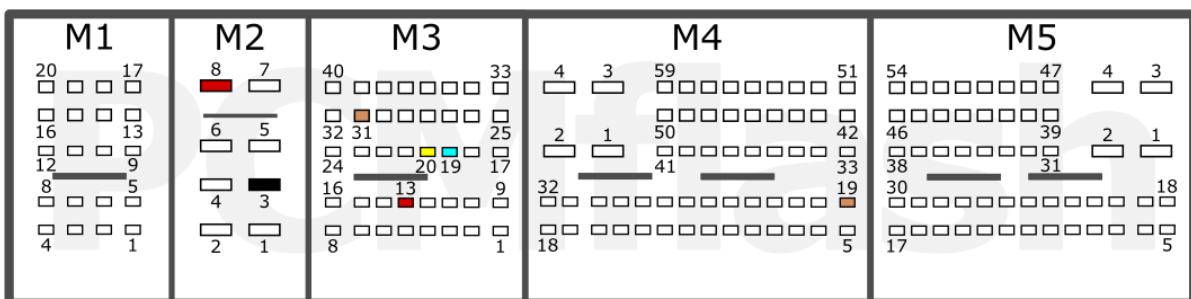
Engine Control Unit  
EDC17CP45 TC1797

## DME8 E71



+12V	M2: 8, M3: 13	CAN-L	M3: 19
GND	M2: 3	CAN-H	M3: 20
GPT	M4: 22, 19		

## F10



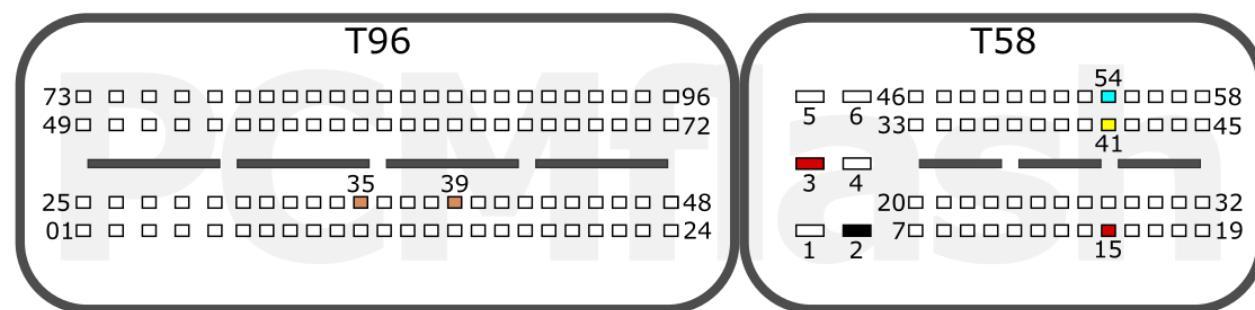
+12V	M2: 8, M3: 13	CAN-L	M3: 19
GND	M2: 3	CAN-H	M3: 20
GPT	M3: 31, M4: 19		

BMW

# PCMflash

Engine Control Unit

EDC17CP46 TC1797



+12V	T58: 3, 15	CAN-L	T58: 54
GND	T58: 2	CAN-H	T58: 41
GPT	T96: 35, 39		

MB

# PCMflash

Engine Control Unit

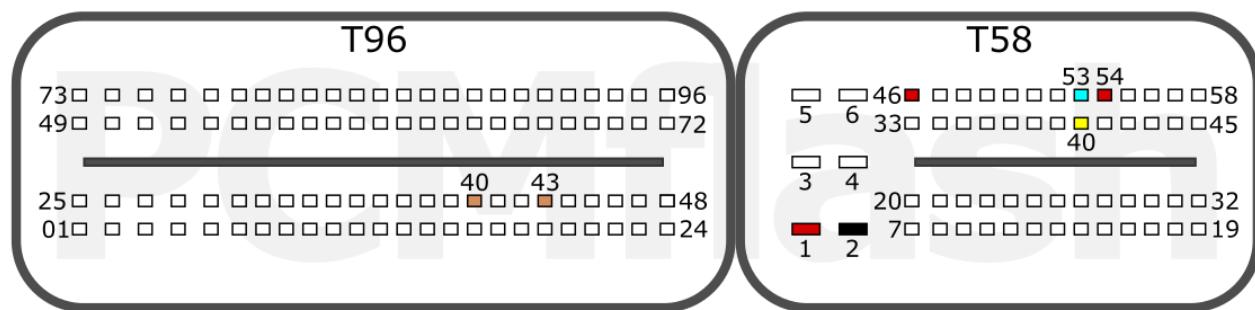
EDC17CP47 TC1797



+12V	T58: 1, 28	CAN-L	T58: 42
GND	T58: 2	CAN-H	T58: 43
GPT	T96: 88, 64		

OPEL

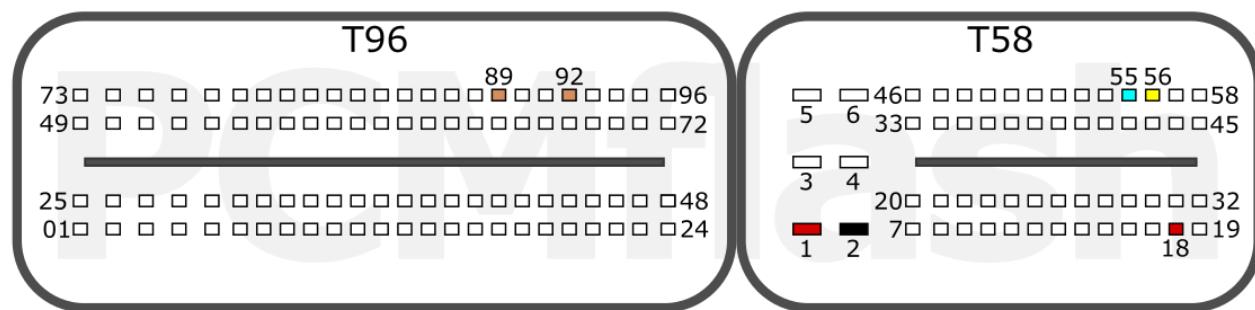
<b>PCMflash</b>	Engine Control Unit
	<b>EDC17CP48 TC1797</b>



<b>+12V</b>	T58: 1, 46, 54	<b>CAN-L</b>	T58: 53
<b>GND</b>	T58: 2	<b>CAN-H</b>	T58: 40
<b>GPT</b>	T96: 43, 40		

VOLVO

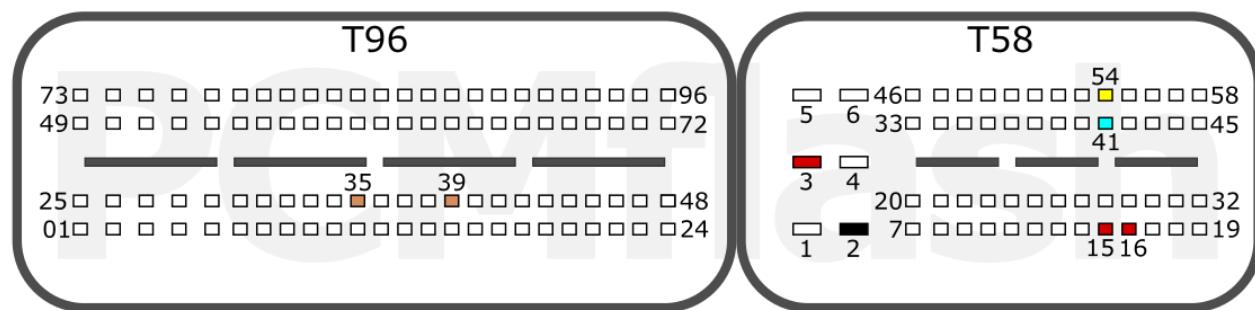
<b>PCMflash</b>	Engine Control Unit
	<b>EDC17CP49 TC1797</b>



<b>+12V</b>	T58: 1, 18	<b>CAN-L</b>	T58: 55
<b>GND</b>	T58: 2	<b>CAN-H</b>	T58: 56
<b>GPT</b>	T96: 92, 89		

BMW

<b>PCMflash</b>	Engine Control Unit
	<b>EDC17CP50 TC1797</b>



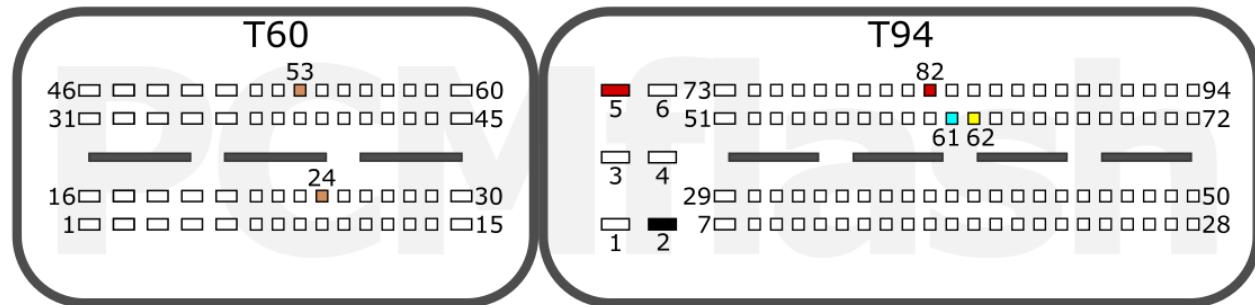
<b>+12V</b>	T58: 3, 15, 16	<b>CAN-L</b>	T58: 41
<b>GND</b>	T58: 2	<b>CAN-H</b>	T58: 54
<b>GPT</b>	T96: 39, 35		

HONDA

# PCMflash

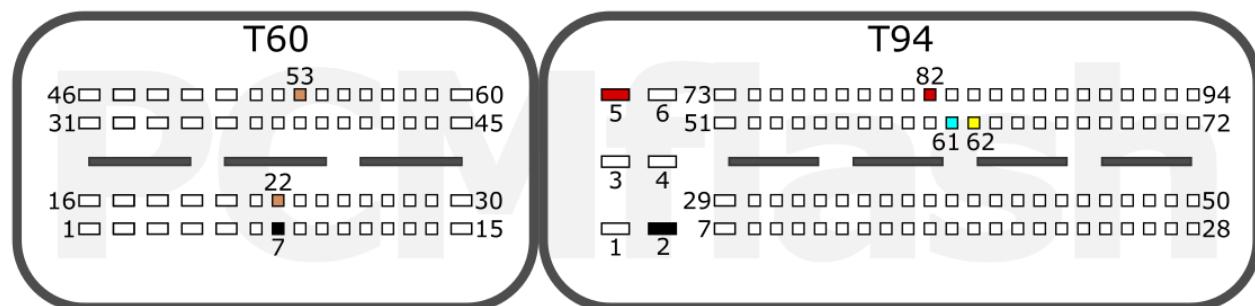
Engine Control Unit  
EDC17CP52 TC1797

## Connection version 1



+12V	T94: 5, 82	CAN-L	T94: 61
GND	T94: 2	CAN-H	T94: 62
GPT	T60: 24, 53		

## Connection version 2



+12V	T94: 5, 82	CAN-L	T94: 61
GND	T60: 7, T94: 2	CAN-H	T94: 62
GPT	T60: 53, 22*		

\*10-47 uF 50v capacitor required on 22 GPT line /  
Подключить сигнал 22 GPT к ЭБУ через конденсатор 10-47 мкФ

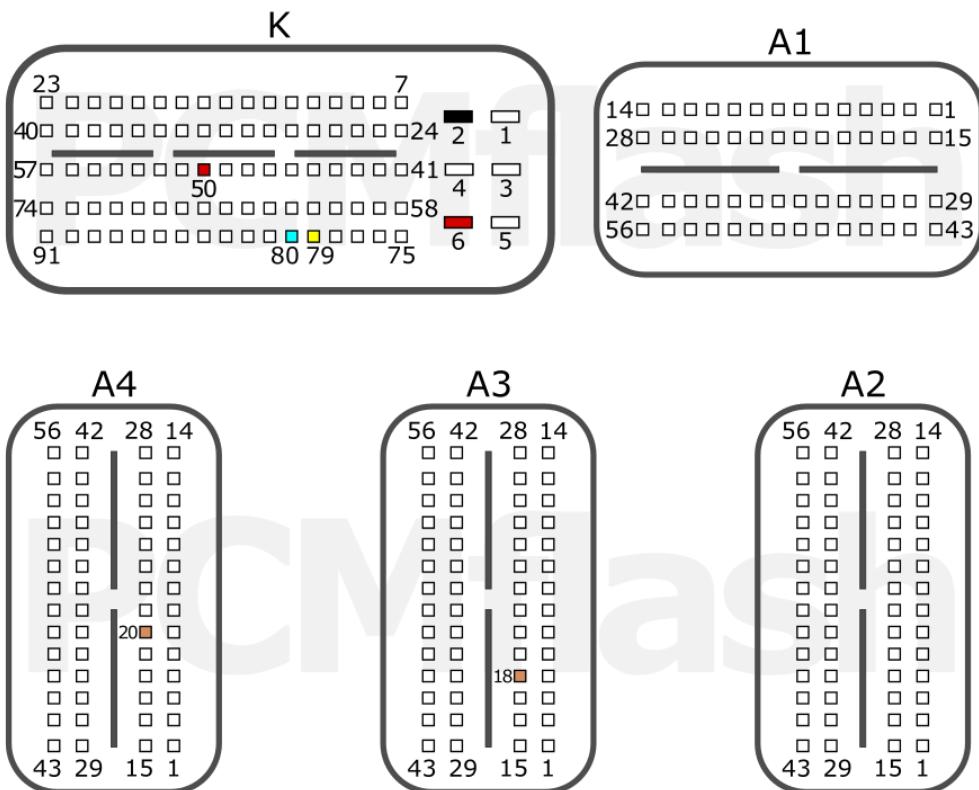
FIAT

IVECO

MITSUBISHI

# PCMflash

Engine Control Unit  
EDC17CP54 TC1793

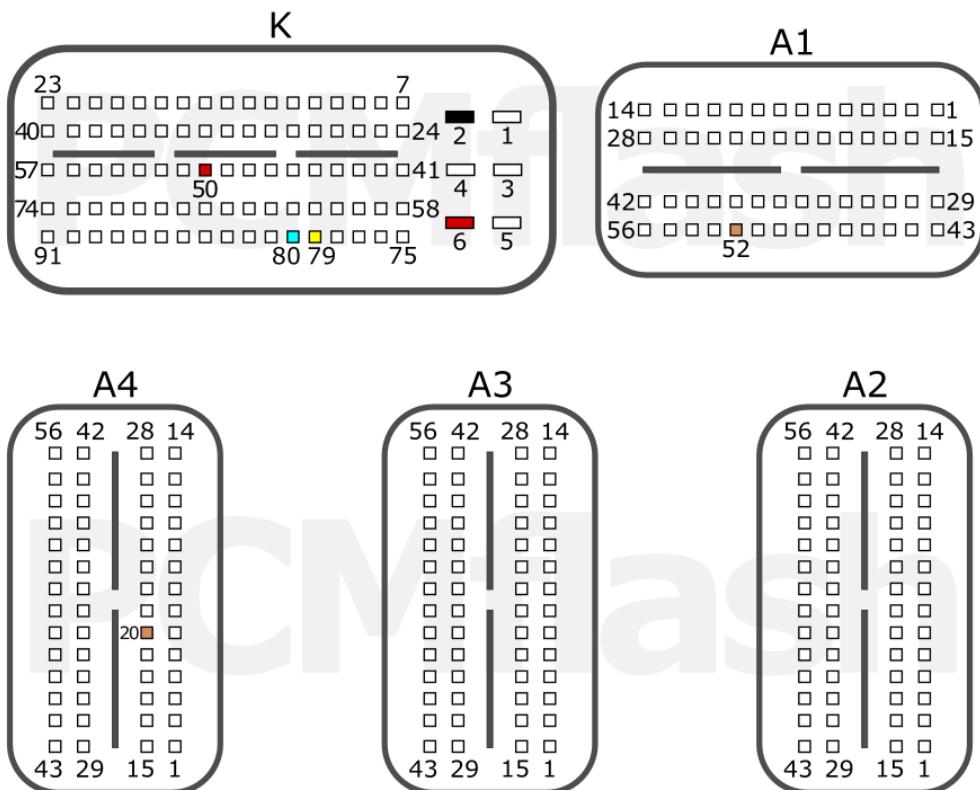


+12V	K: 6, 50	CAN-L	K: 80
GND	K: 2	CAN-H	K: 79
GPT	A3: 18, A4: 20		

AMAROK

# PCMflash

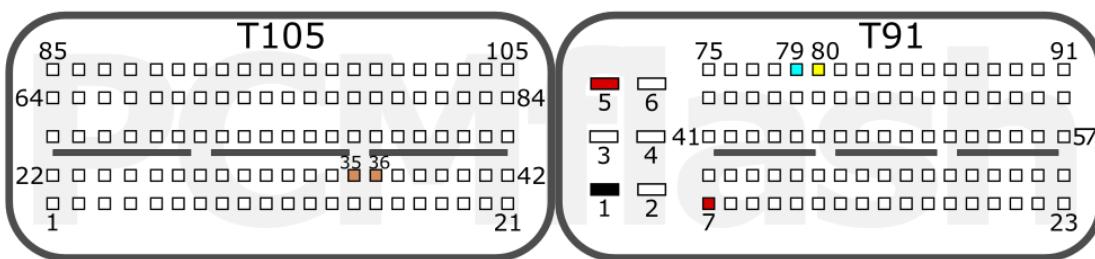
Engine Control Unit  
EDC17CP54 TC1793



+12V	K: 6, 50	CAN-L	K: 80
GND	K: 2	CAN-H	K: 79
GPT	A4: 20, A1: 52		

AUDI

<b>PCMflash</b>	Engine Control Unit
	<b>EDC17CP55 TC1793</b>



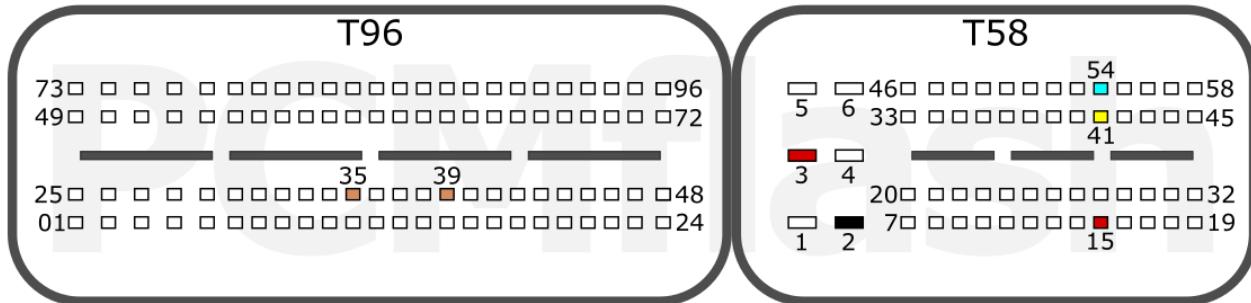
+12V	T91: 5, 7	CAN-L	T91: 79
GND	T91: 1	CAN-H	T91: 80
GPT	T105: 35, 36		

LAND ROVER

# PCMflash

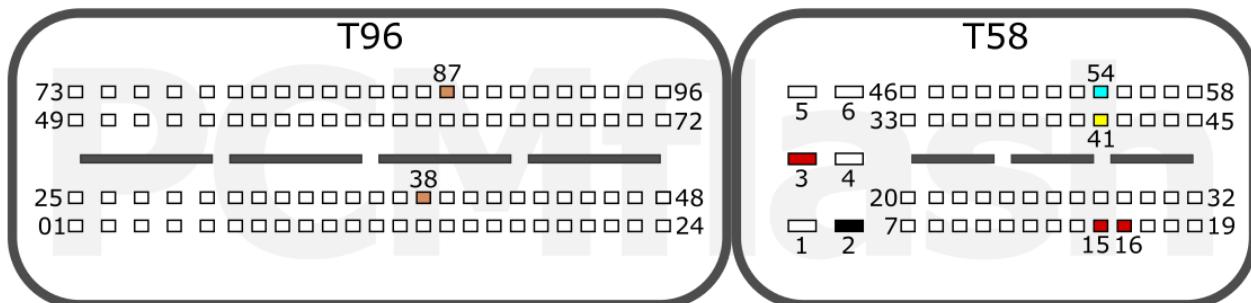
Engine Control Unit  
EDC17CP57 TC1793

## Connection version 1



<b>+12V</b>	T58: 3, 15	<b>CAN-L</b>	T58: 54
<b>GND</b>	T58: 2	<b>CAN-H</b>	T58: 41
<b>GPT</b>	T96: 35, 39		

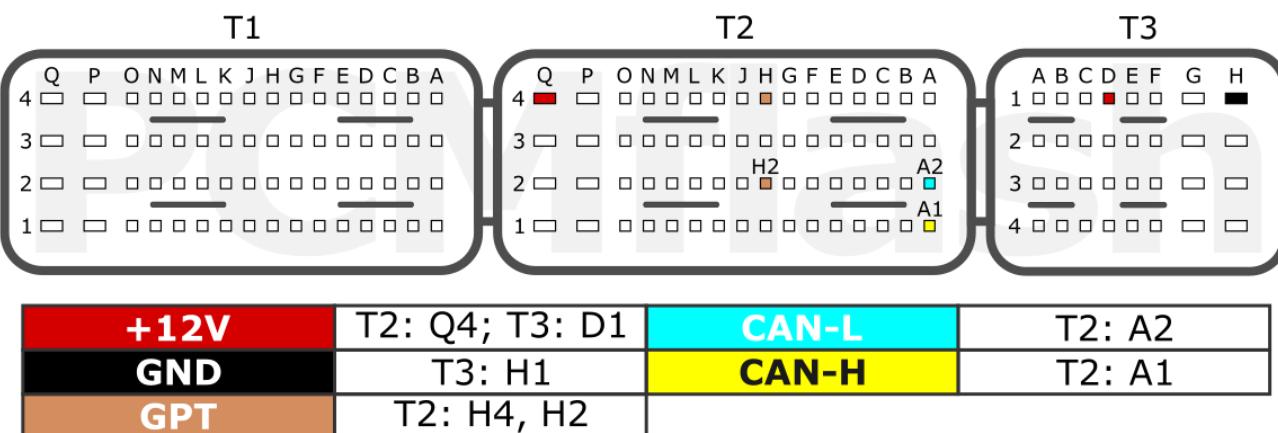
## Connection version 2



<b>+12V</b>	T58: 3, 15, 16	<b>CAN-L</b>	T58: 54
<b>GND</b>	T58: 2	<b>CAN-H</b>	T58: 41
<b>GPT</b>	T96: 87, 38		

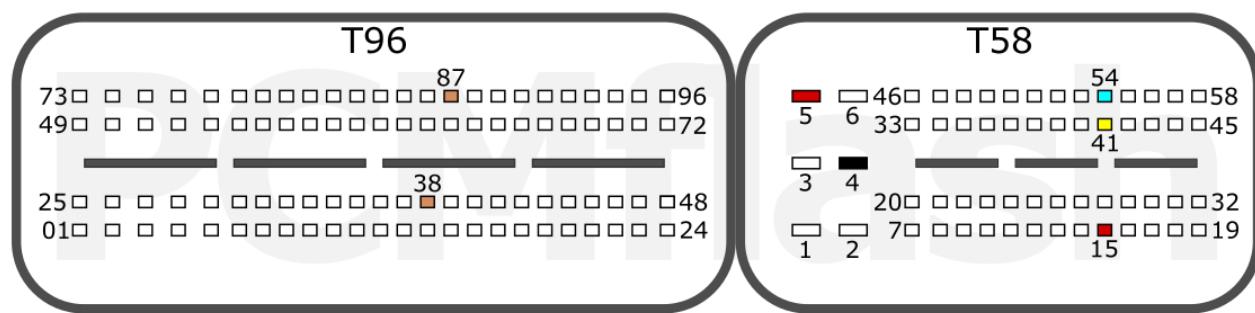
MB

<b>PCMflash</b>	Engine Control Unit
	<b>EDC17CP58 TC1767</b>



RENAULT

<b>PCMflash</b>	Engine Control Unit
	<b>EDC17CP60 TC1793</b>

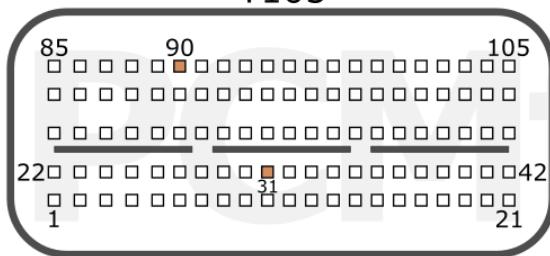


<b>+12V</b>	T58: 5, 15	<b>CAN-L</b>	T58: 54
<b>GND</b>	T58: 4	<b>CAN-H</b>	T58: 41
<b>GPT</b>	T96: 87, 38		

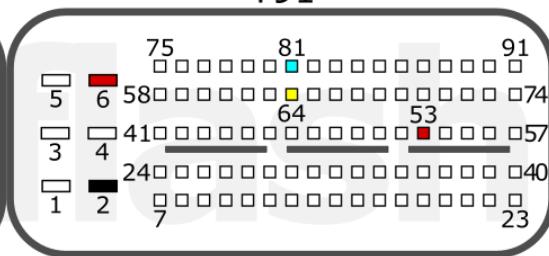
MB

<b>PCMflash</b>	Engine Control Unit
	<b>EDC17CP62 TC1793</b>

T105



T91



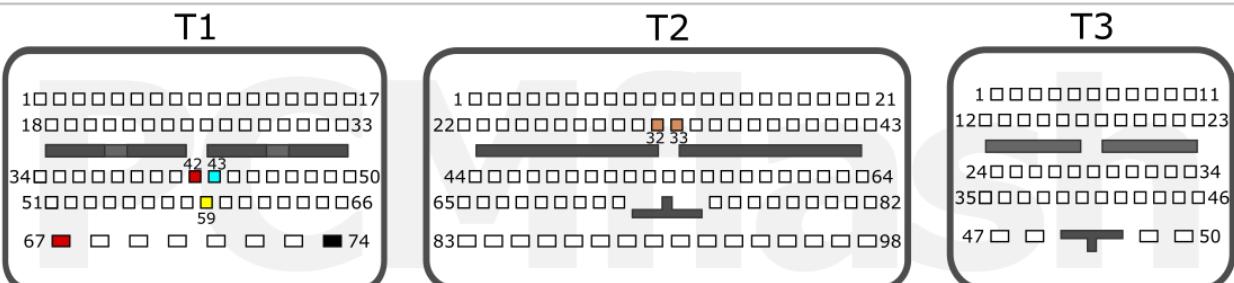
+12V	T91: 6, 53	CAN-L	T91: 81
GND	T91: 2	CAN-H	T91: 64
GPT	T105: 31, 90		

K/H

# PCMflash

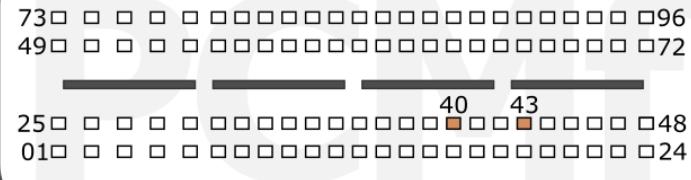
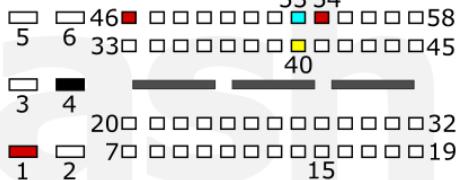
Engine Control Unit

EDC17CP65 TC1793



+12V	T1: 42, 67	CAN-L	T1: 43
GND	T1: 74	CAN-H	T1: 59
GPT	T2: 32, 33		

FORD

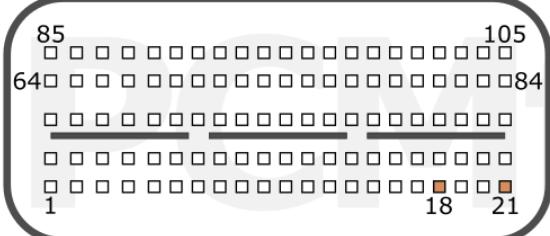
<b>PCMflash</b>	Engine Control Unit <b>EDC17CP68 TC1797</b>
<b>T96</b>	<b>T58</b>
	
<b>+12V</b> <b>GND</b> <b>GPT</b>	T58: 1, 46, 54 T58: 4 T96: 43, 40
	<b>CAN-L</b> <b>CAN-H</b>
	T58: 53 T58: 40
<b>VOLVO</b>	
pcmflash.ru	
v.1 2021-10-03	

# PCMflash

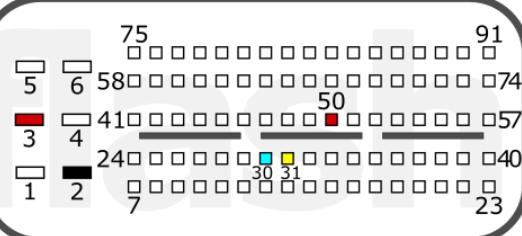
Engine Control Unit

EDC17CP74 TC1793

T105



T91



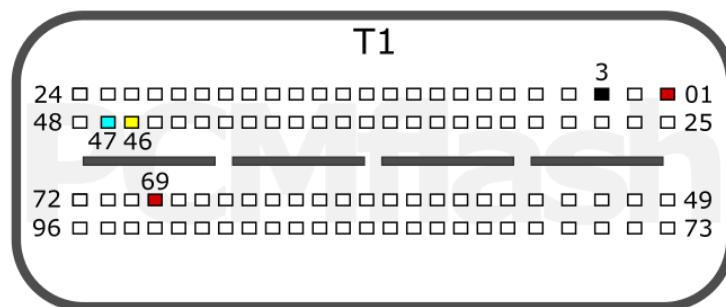
+12V	T91: 3, 50	CAN-L	T91: 30
GND	T91: 2	CAN-H	T91: 31
GPT	T105: 21, 18		

VAG

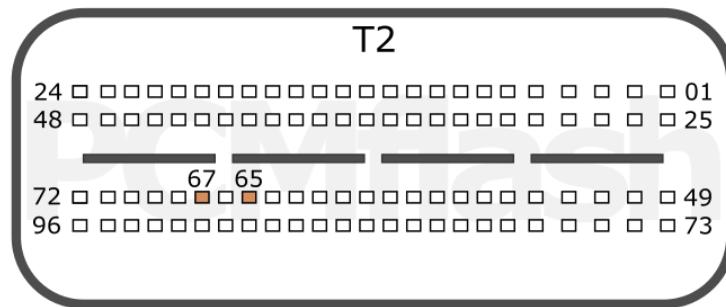
# PCMflash

Engine Control Unit

EDC17CV41 TC1797



LABEL



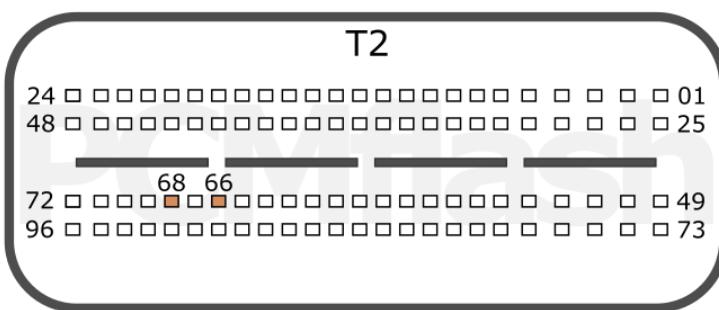
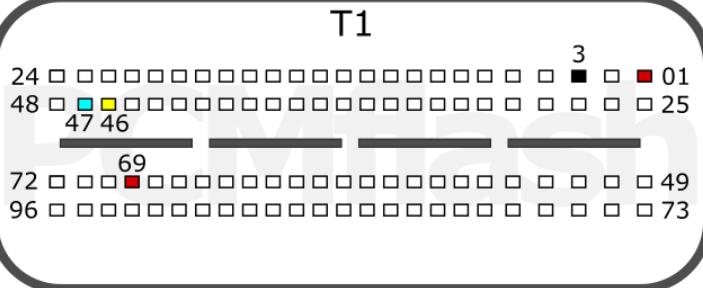
+12V	T1: 1, 69	CAN-L	T1: 47
GND	T1: 3	CAN-H	T1: 46
GPT	T2: 67, 65		

See next page/смотри следующую страницу

COMMERCIAL

# PCMflash

Engine Control Unit  
EDC17CV41 TC1797



+12V	T1: 1, 69	CAN-L	T1: 47
GND	T1: 3	CAN-H	T1: 46
GPT	T2: 66, 68		

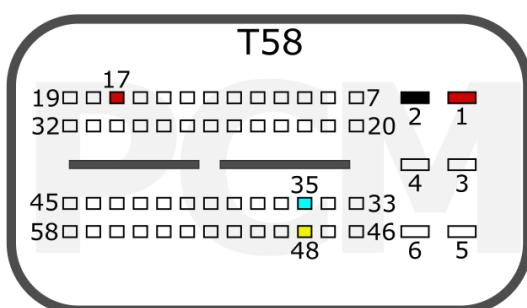
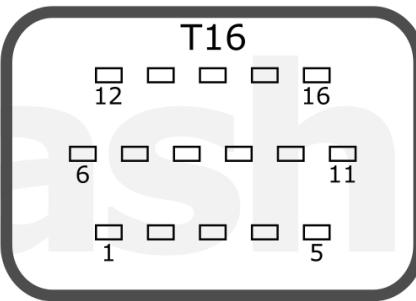
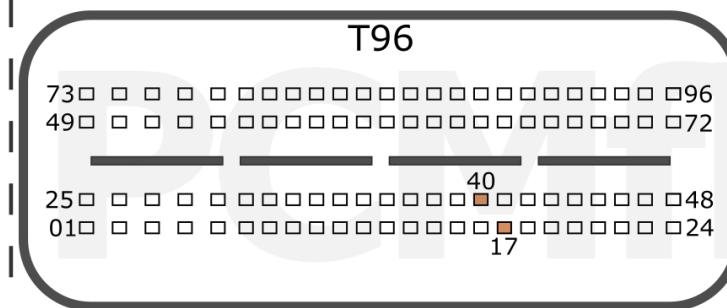
COMMERCIAL

# PCMflash

Engine Control Unit

## EDC17CV42 TC1797

### Connection version 1



+12V	T58: 17, 1	CAN-L	T58: 35
GND	T58: 2	CAN-H	T58: 48
GPT	T96: 17, 40		

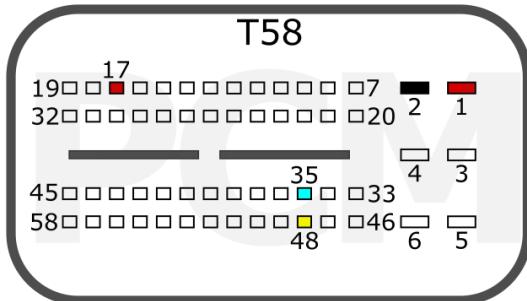
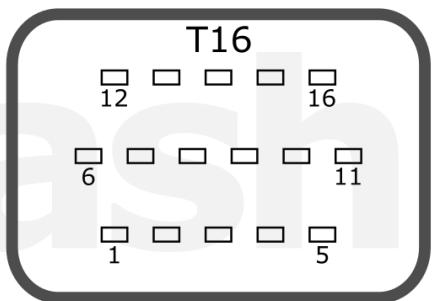
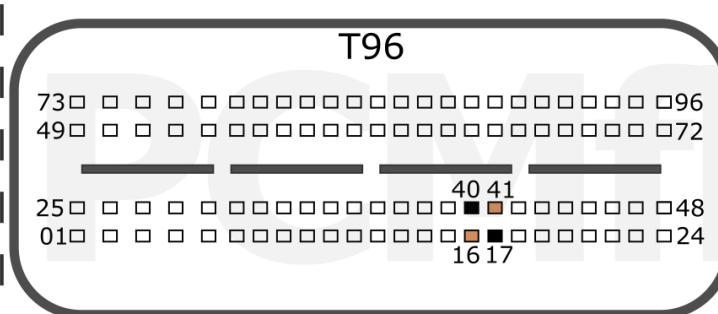
MAN

# PCMflash

Engine Control Unit

EDC17CV42 TC1797

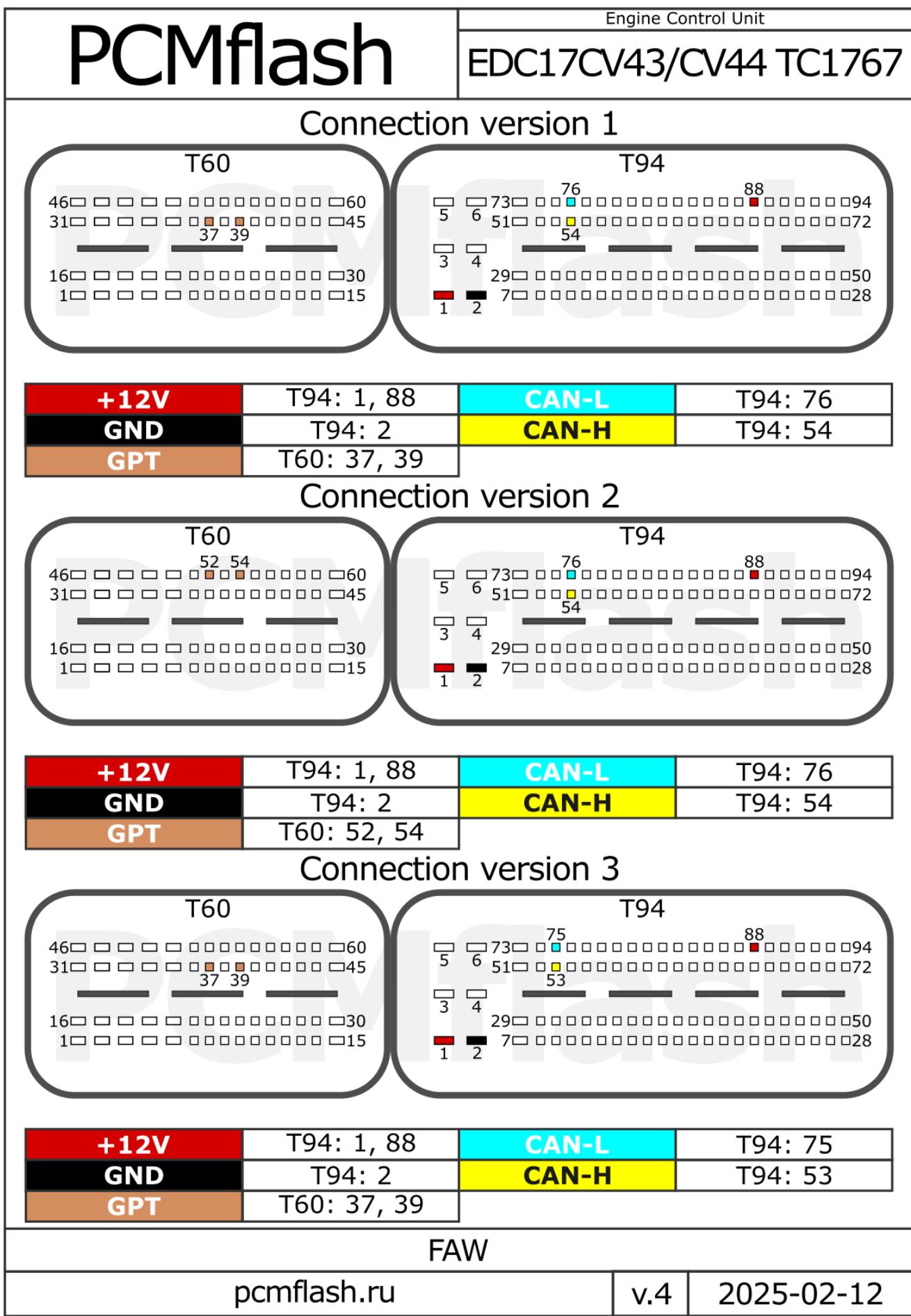
## Connection version 2



\*Install 10-50 uF capacitors on each GPT line/

Установите конденсаторы 10-50 мкФ на каждую GPT линию

MAN

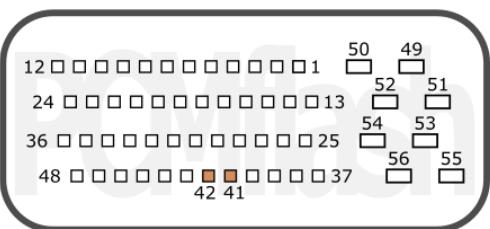


# PCMflash

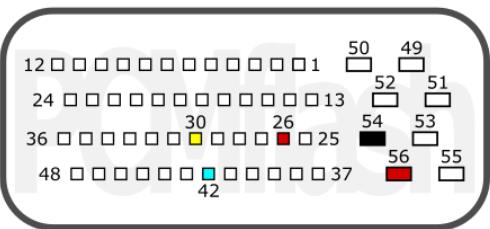
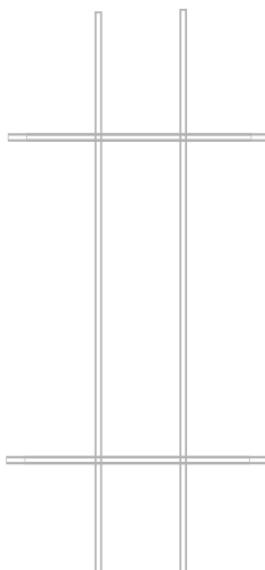
Engine Control Unit

EDC17CV45 TC1782

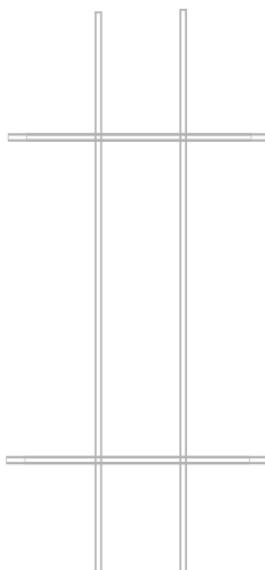
LABEL



T1



T2

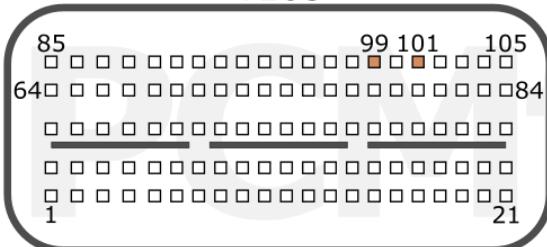


+12V	T2: 26, 56	CAN-L	T2: 42
GND	T2: 54	CAN-H	T2: 30
GPT	T1: 41, 42		

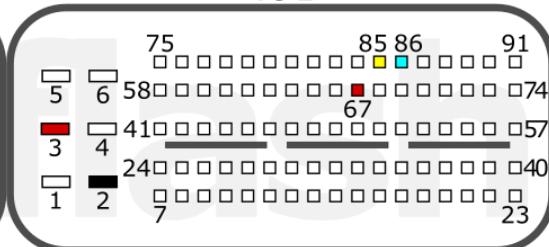
KUBOTA

<b>PCMflash</b>	Engine Control Unit
	<b>EDC17CV52 TC1797</b>

T105



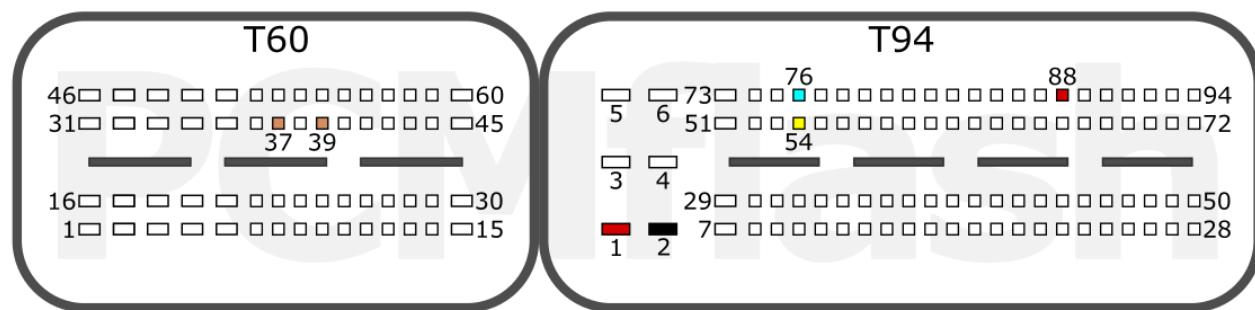
T91



<b>+12V</b>	T91: 3, 67	<b>CAN-L</b>	T91: 86
<b>GND</b>	T91: 2	<b>CAN-H</b>	T91: 85
<b>GPT</b>	T105: 99, 101		

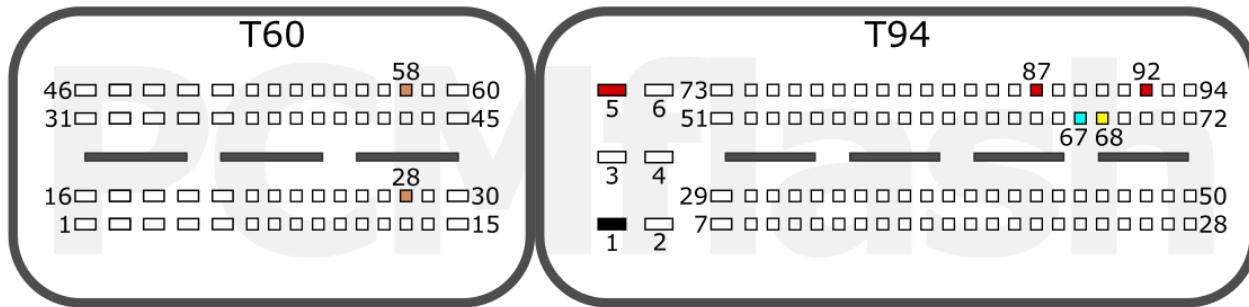
DEUTZ

<b>PCMflash</b>	Engine Control Unit EDC17CV53/CV54/CV56 TC1767
-----------------	---

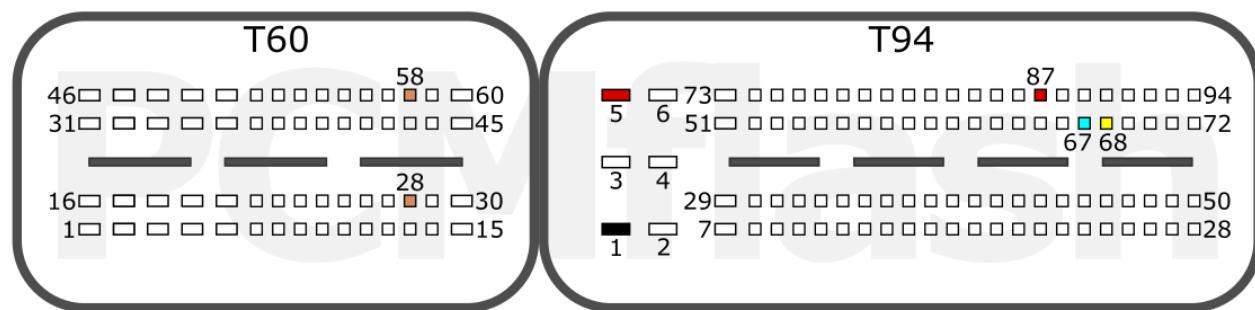


<b>+12V</b>	T94: 1, 88	<b>CAN-L</b>	T94: 76
<b>GND</b>	T94: 2	<b>CAN-H</b>	T94: 54
<b>GPT</b>	T60: 37, 39		

DEUTZ	FOTON	PAZ
pcmflash.ru	v.2	2022-05-23

PCMflash	Engine Control Unit EDC17U01 TC1766		
			
+12V	T94: 5, 87, 92	CAN-L	T94: 67
GND	T94: 1	CAN-H	T94: 68
GPT	T60: 28, 58		
VAG			
pcmflash.ru	v.1	2021-10-03	

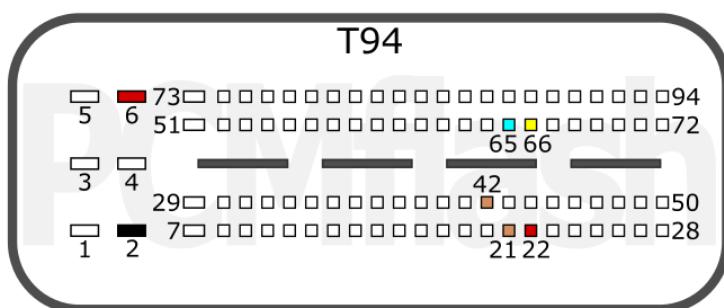
<b>PCMflash</b>	Engine Control Unit
	<b>EDC17U05 TC1766</b>



<b>+12V</b>	T94: 5, 87	<b>CAN-L</b>	T94: 67
<b>GND</b>	T94: 1	<b>CAN-H</b>	T94: 68
<b>GPT</b>	T60: 28, 58		

VAG

<b>PCMflash</b>	AdBlue Control Unit
	<b>DCU17CV51 TC1724</b>



<b>+12V</b>	6, 22	<b>CAN-L</b>	65
<b>GND</b>	2	<b>CAN-H</b>	66
<b>GPT</b>	21, 42		

ALL

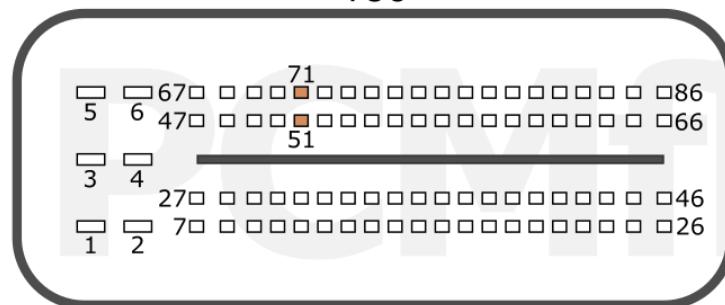
pcmflash.ru	v.1	2024-04-18
-------------	-----	------------

# PCMflash

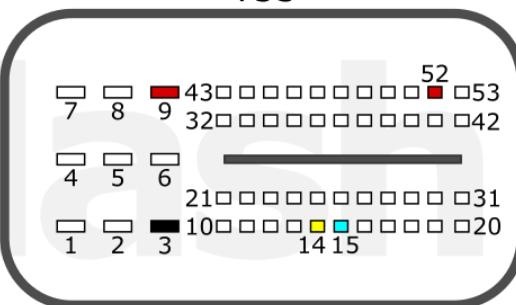
AdBlue Control Unit

DCU17HD01 TC1766

T86



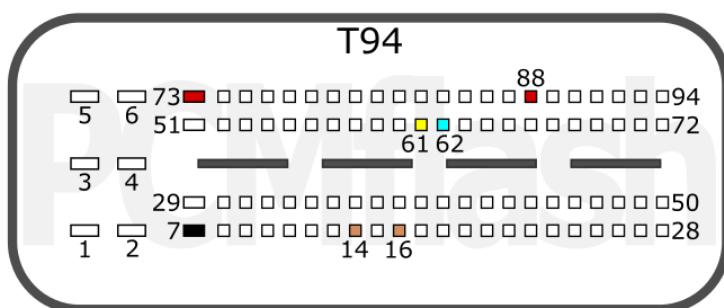
T53



<b>+12V</b>	T53: 9, 52	<b>CAN-L</b>	T53: 15
<b>GND</b>	T53: 3	<b>CAN-H</b>	T53: 14
<b>GPT</b>	T86: 71, 51		

HINO

<b>PCMflash</b>	AdBlue Control Unit
	<b>DCU17PC01 TC1766</b>



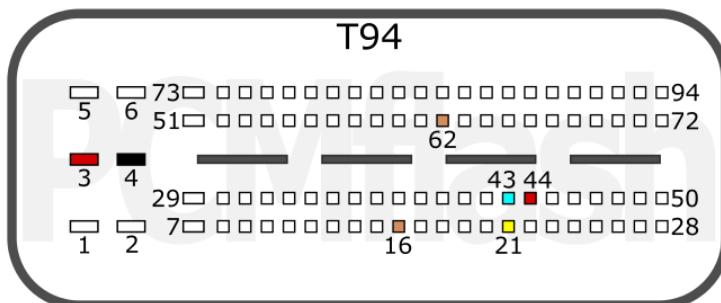
<b>+12V</b>	73, 88	<b>CAN-L</b>	62
<b>GND</b>	7	<b>CAN-H</b>	61
<b>GPT</b>	14, 16		

FORD	MB
pcmflash.ru	v.2 2024-04-18

# PCMflash

AdBlue Control Unit  
DCU17PC42/PC43 TC1724

## Connection version 1

**+12V**

3, 44

**CAN-L**

43

**GND**

4

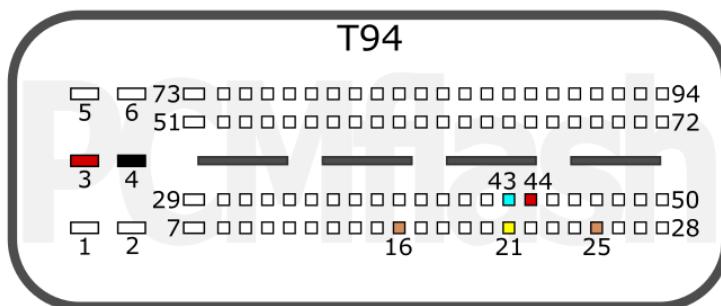
**CAN-H**

21

**GPT**

16, 62

## Connection version 2

**+12V**

3, 44

**CAN-L**

43

**GND**

4

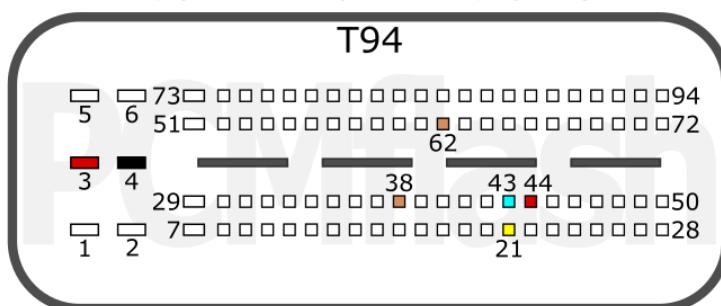
**CAN-H**

21

**GPT**

16, 25

## Connection version 3

**+12V**

3, 44

**CAN-L**

43

**GND**

4

**CAN-H**

21

**GPT**

38, 62