

2024

PCMflash module 71

Bosch MEDC17 Bootloader

v.1.31

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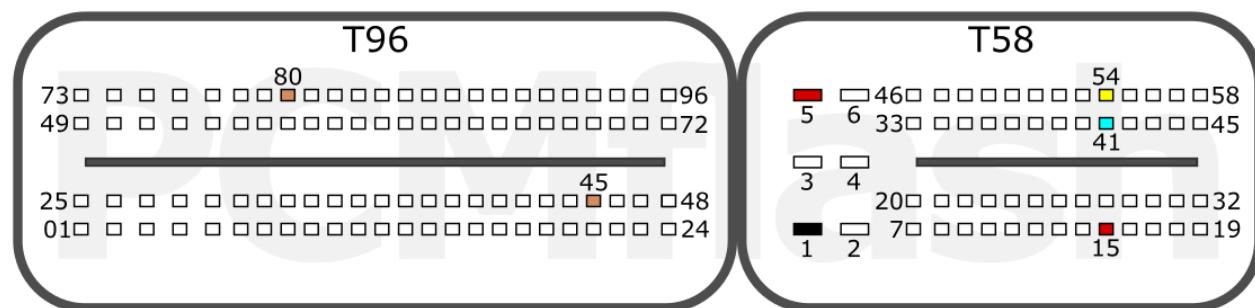
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PCMflash	Engine Control Unit
	MED17.0 TC1767



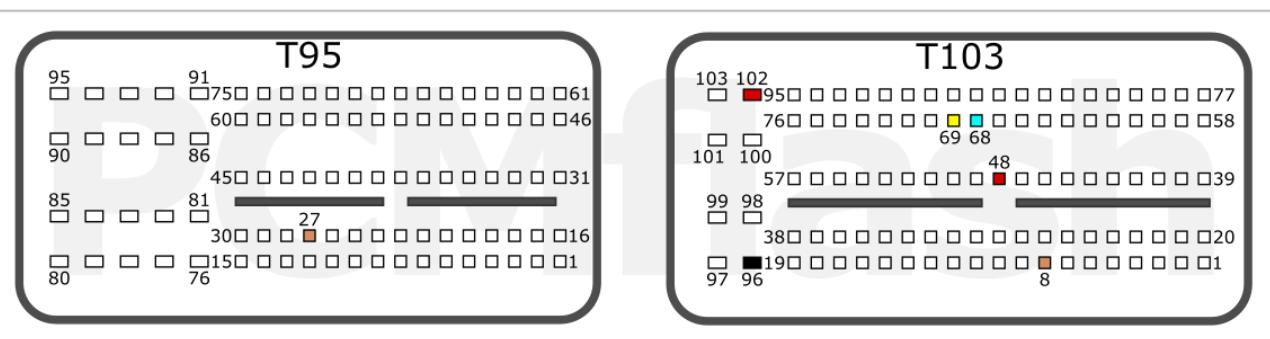
+12V	T58: 5, 15	CAN-L	T58: 41
GND	T58: 1	CAN-H	T58: 54
GPT	T96: 80, 45		

FORD	VOLVO
pcmflash.ru	v.2 2022-06-08

PCMflash

Engine Control Unit

MEDG17.0 TC1797

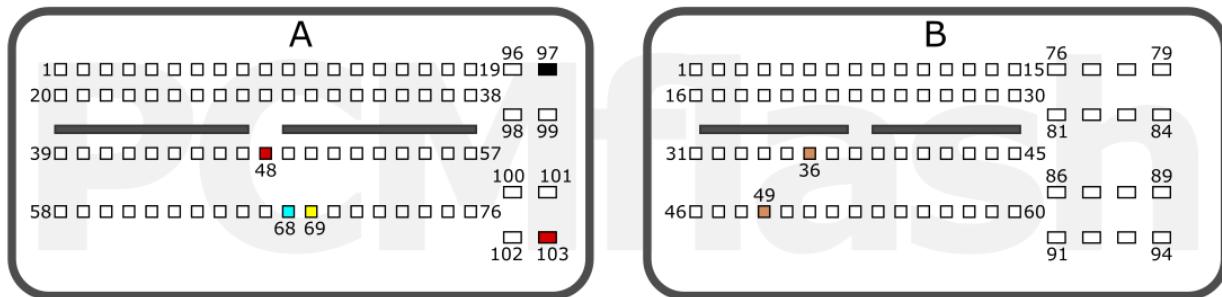


+12V	T103: 102, 48	CAN-L	T103: 68
GND	T103: 96	CAN-H	T103: 69
GPT	T103:8, T95: 27		

FORD

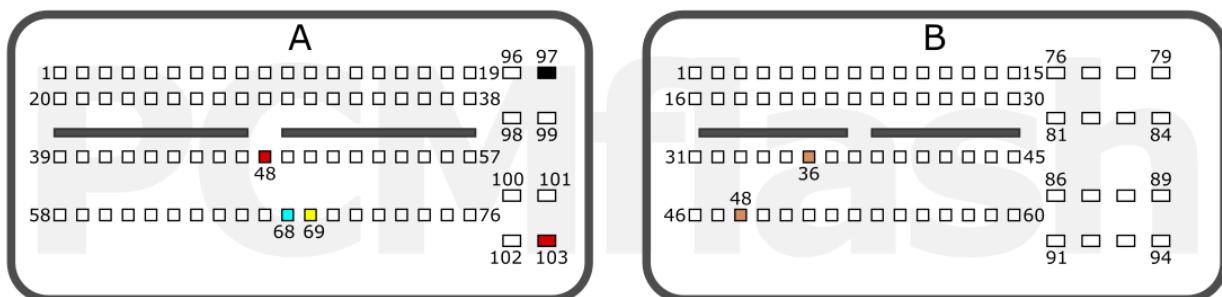


Connection version 1



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

Connection version 2



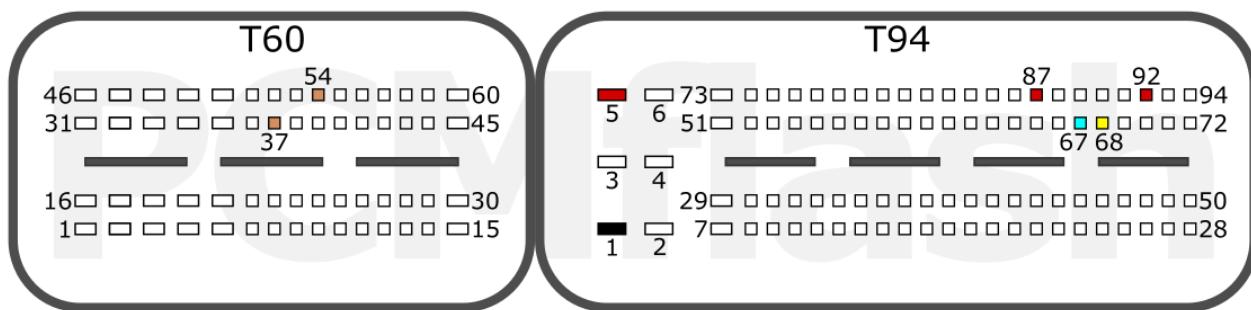
+12V	A: 48, 103	CAN-L	A: 68
GND	A: 97	CAN-H	A: 69
GPT	B: 36, 48		

FORD

PCMflash

Engine Control Unit

MED17.1 TC1796



+12V	T94: 5, 87, 92	CAN-L	T94: 67
GND	T94: 1	CAN-H	T94: 68
GPT	T60: 37, 54		

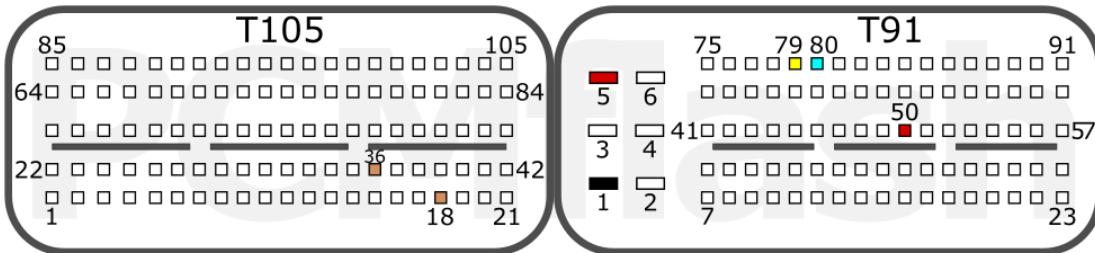
VAG

PCMflash

Engine Control Unit

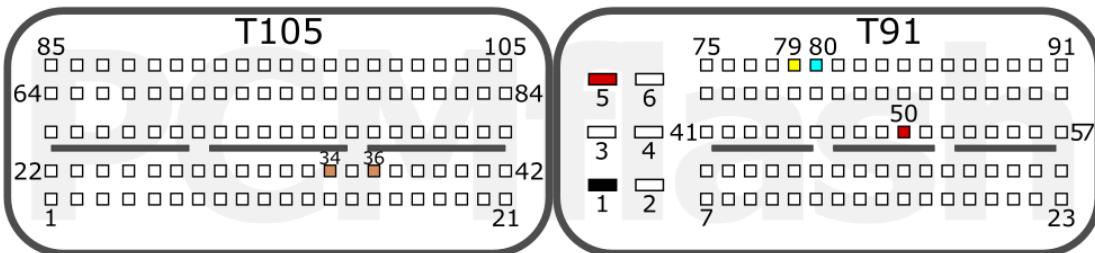
MED17.1.1 TC1797

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		

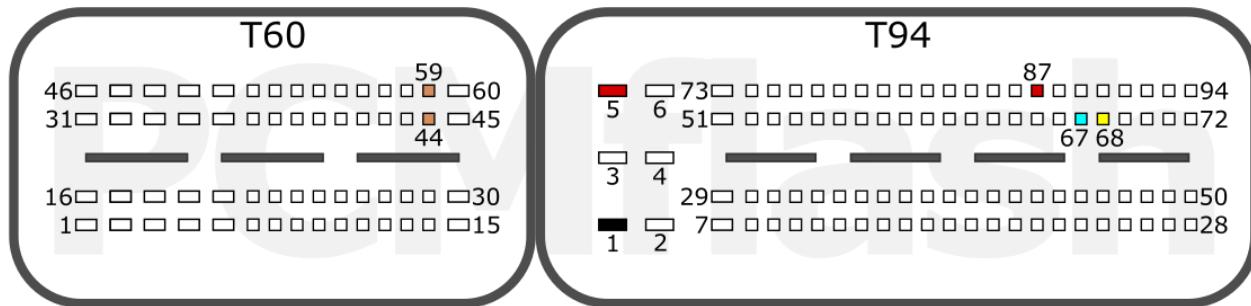
VAG

PCMflash

Engine Control Unit

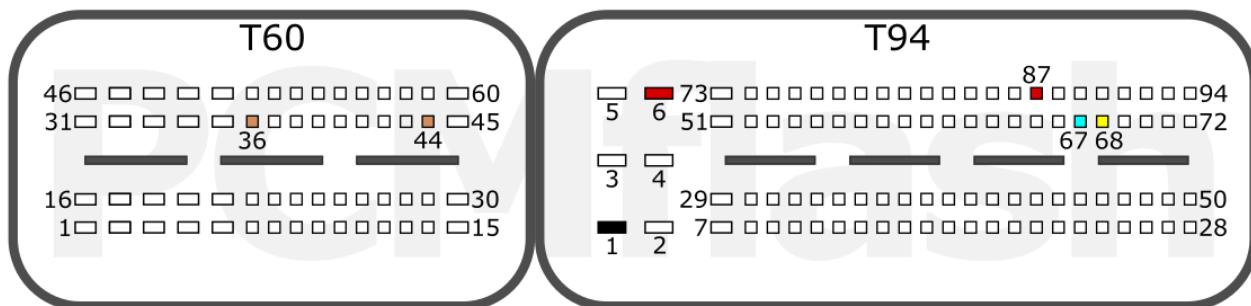
MED17.1.6 TC1797

VAG



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

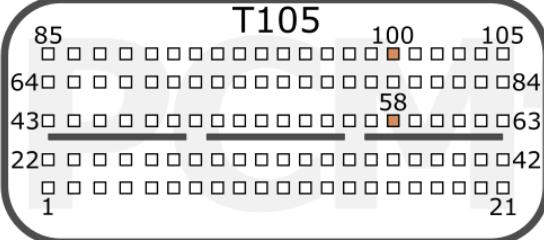
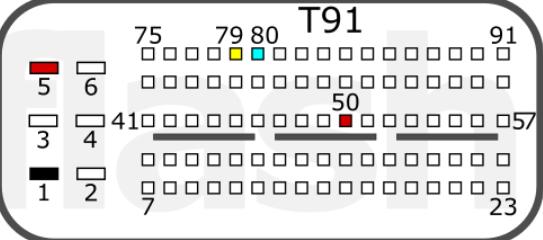
PORSCHE



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

PORSCHE

VAG

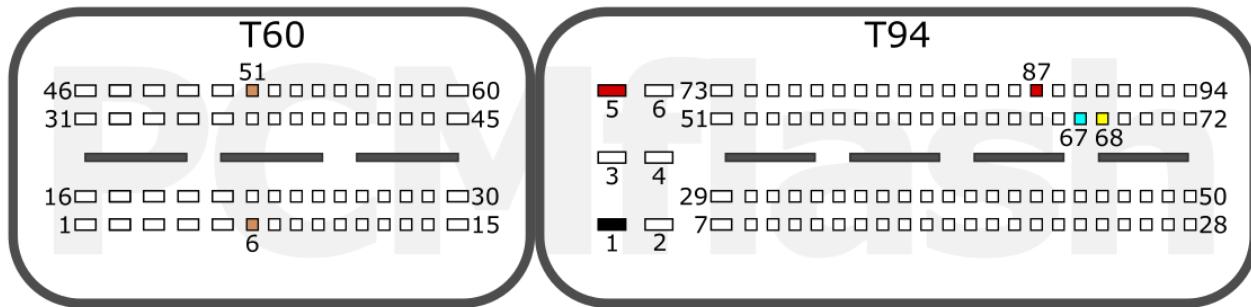
<h1>PCMflash</h1>	Engine Control Unit MED17.1.10 TC1793										
											
<table border="1"><tr><td>+12V</td><td>T91: 5, 50</td></tr><tr><td>GND</td><td>T91: 1</td></tr><tr><td>GPT</td><td>T105: 100, 58</td></tr></table>	+12V	T91: 5, 50	GND	T91: 1	GPT	T105: 100, 58	<table border="1"><tr><td>CAN-L</td><td>T91: 80</td></tr><tr><td>CAN-H</td><td>T91: 79</td></tr></table>	CAN-L	T91: 80	CAN-H	T91: 79
+12V	T91: 5, 50										
GND	T91: 1										
GPT	T105: 100, 58										
CAN-L	T91: 80										
CAN-H	T91: 79										
AUDI											
pcmflash.ru	v.1 2021-09-11										

PCMflash

Engine Control Unit

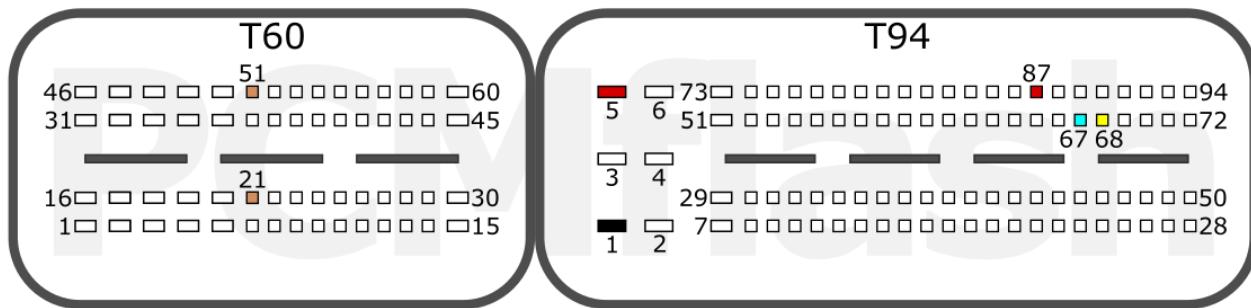
MED17.1.21 TC1793

Connection version 1



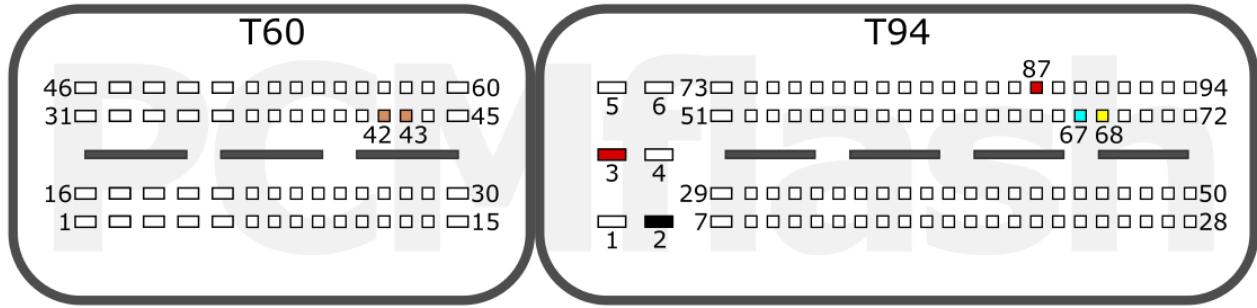
+12V	T94: 5, 87	CAN-L	T94: 67
GND	T94: 1	CAN-H	T94: 68
GPT	T60: 51, 6		

Connection version 2



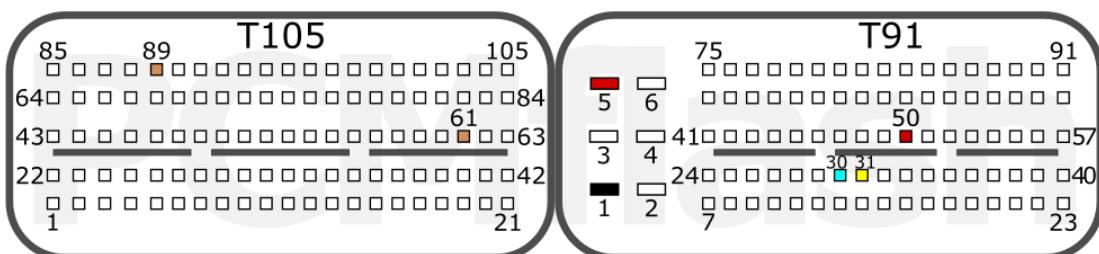
+12V	T94: 5, 87	CAN-L	T94: 67
GND	T94: 1	CAN-H	T94: 68
GPT	T60: 21, 51		

VAG

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

PCMflash	Engine Control Unit
	MED17.1.61 TC1793

AUDI



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

VAG

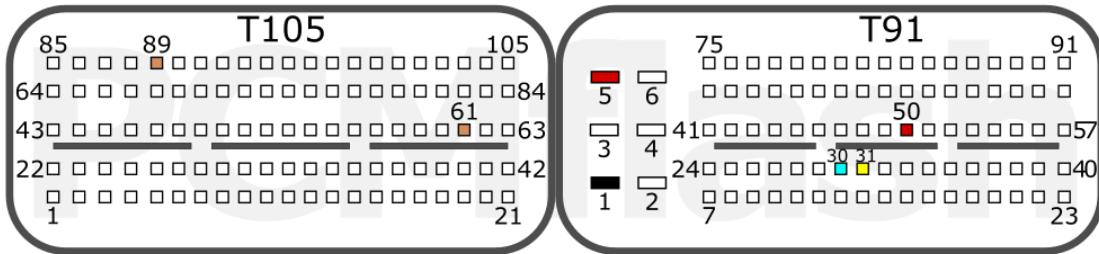
pcmflash.ru	v.1	2023-10-01
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PCMflash

Engine Control Unit

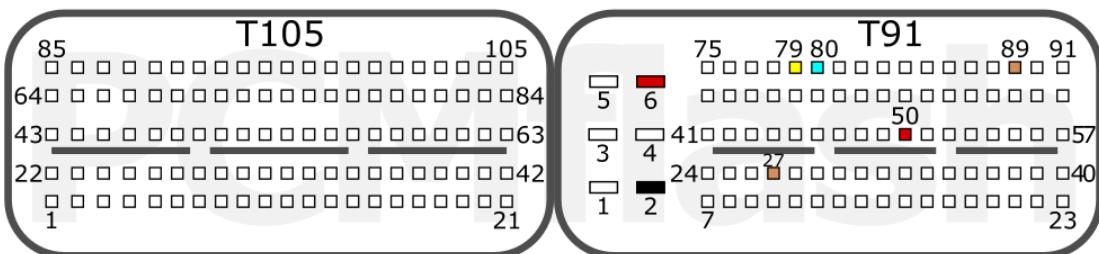
MED17.1.62 TC1793

VOLKSWAGEN



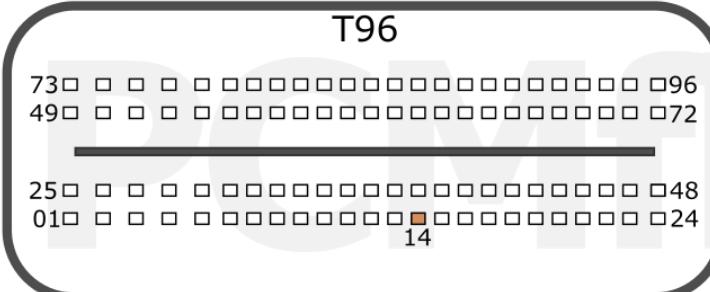
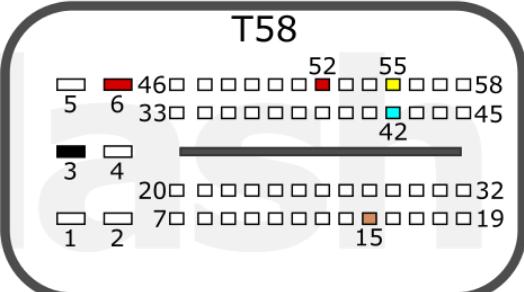
+12V	T91: 5, 50	CAN-L	T91: 30
GND	T91: 1	CAN-H	T91: 31
GPT	T105: 61, 89		

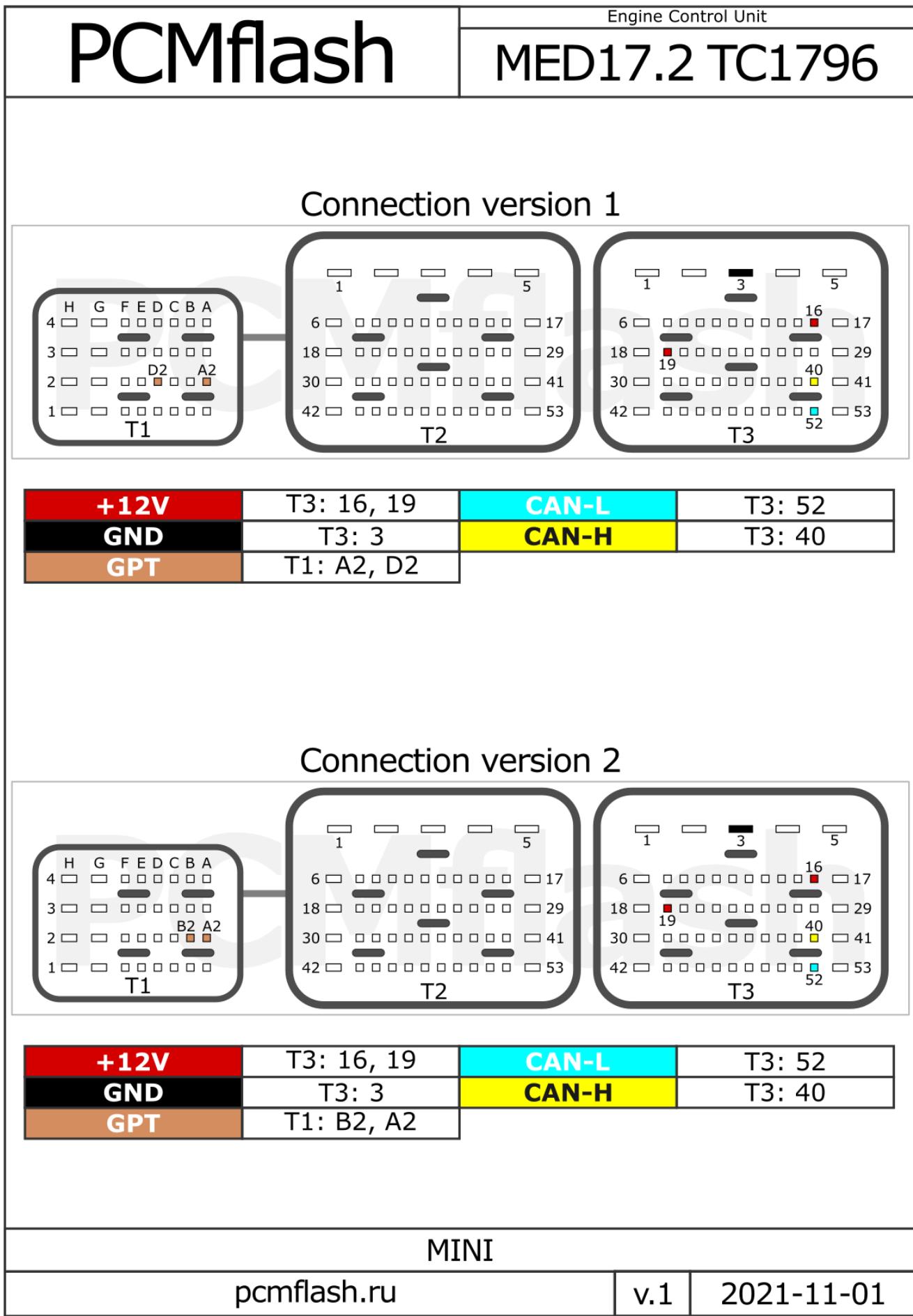
AUDI



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

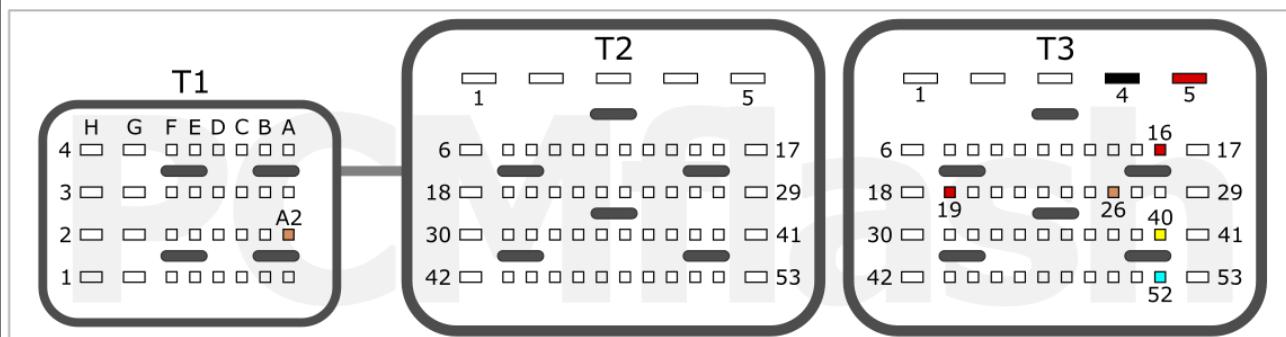
VAG

<h1>PCMflash</h1>	Engine Control Unit ME17.2 TC1797
 <p>T96</p> <p>73 49 25 01 14 96 72 48 24</p>	 <p>T58</p> <p>52 55 58 46 33 45 42 20 32 7 19 15</p>
+12V GND GPT	T58: 6, 52 T58: 3 T96: 14, T58:15
BMW	
pcmflash.ru	v.1 2021-11-01



**TYPE 1**

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

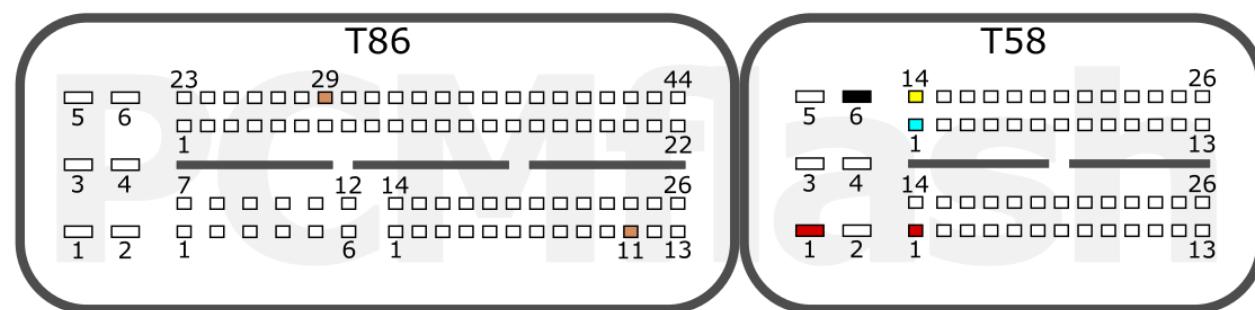
TYPE 2

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

BMW

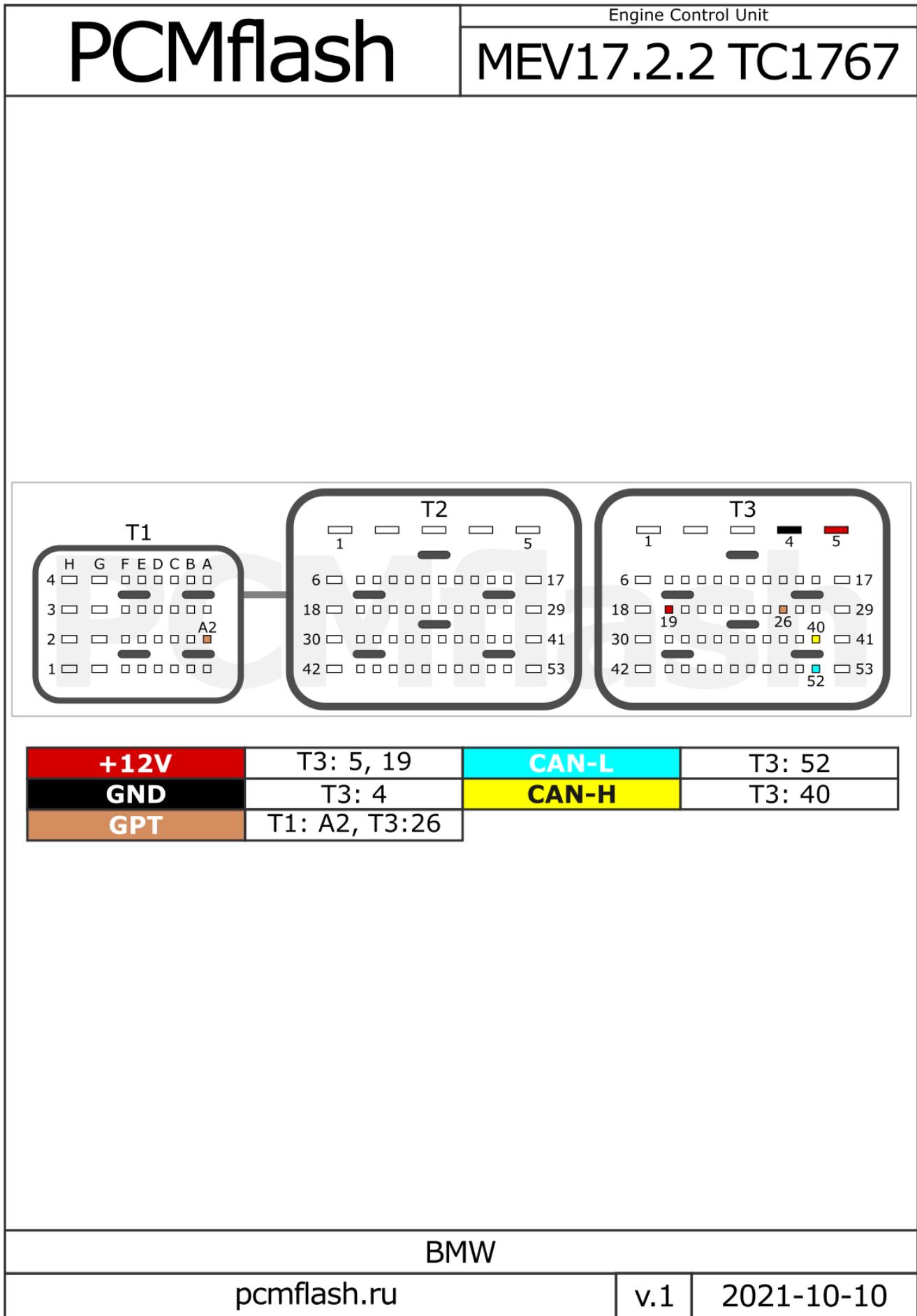
PCMflash		Engine Control Unit	
		MEVD17.2 TC1797	
T1			
12	24		
1	13		
T2	10 13		
1	2	3	
T3			
+12V	T4: 42, 46	CAN-L	T4: 45
GND	T2: 3	CAN-H	T4: 44
GPT	T6: 51, T5: 6		
BMW			
pcmflash.ru		v.1	2021-09-04

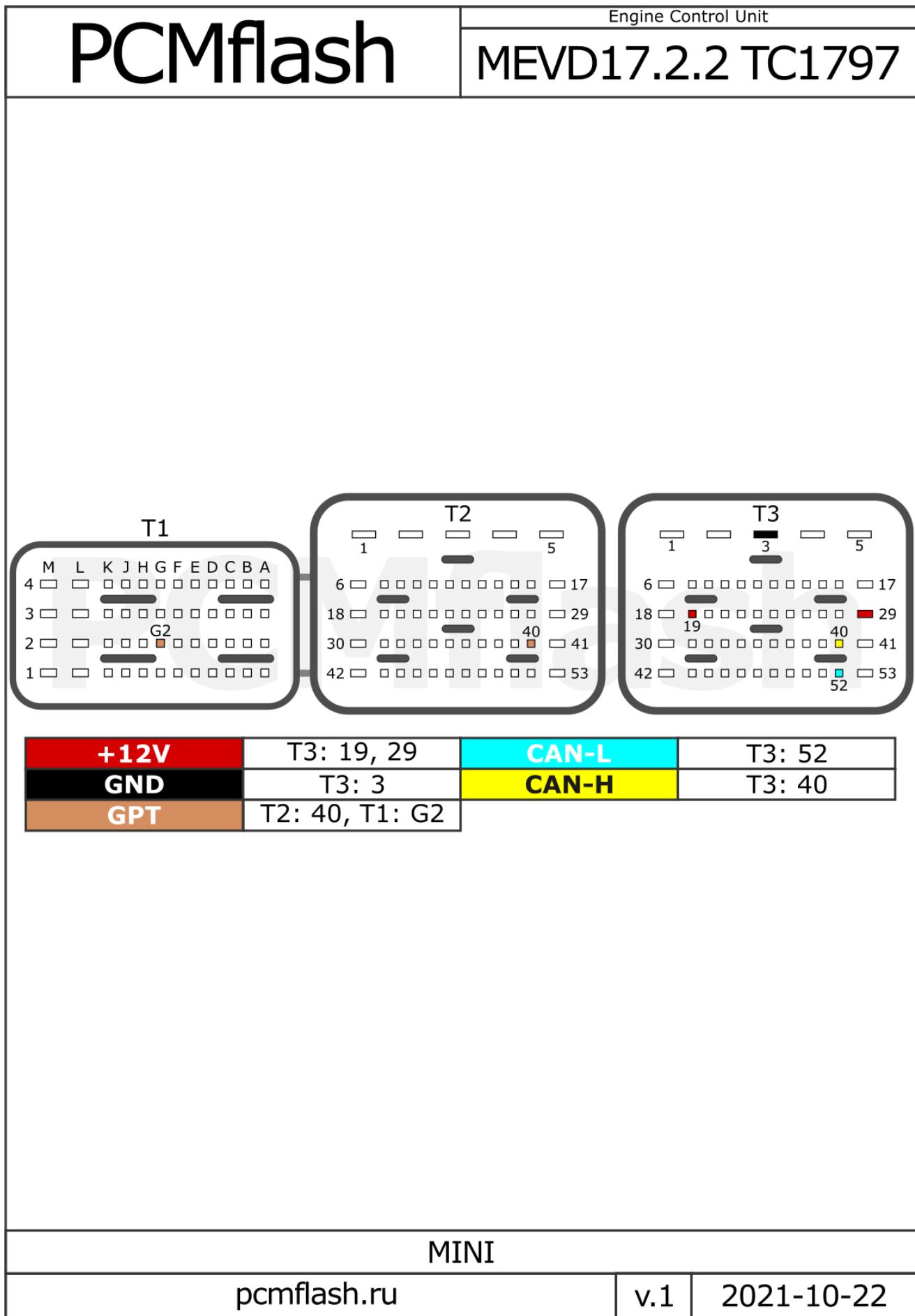
PCMflash	Engine Control Unit
	ME(V)17.2.1 TC1796

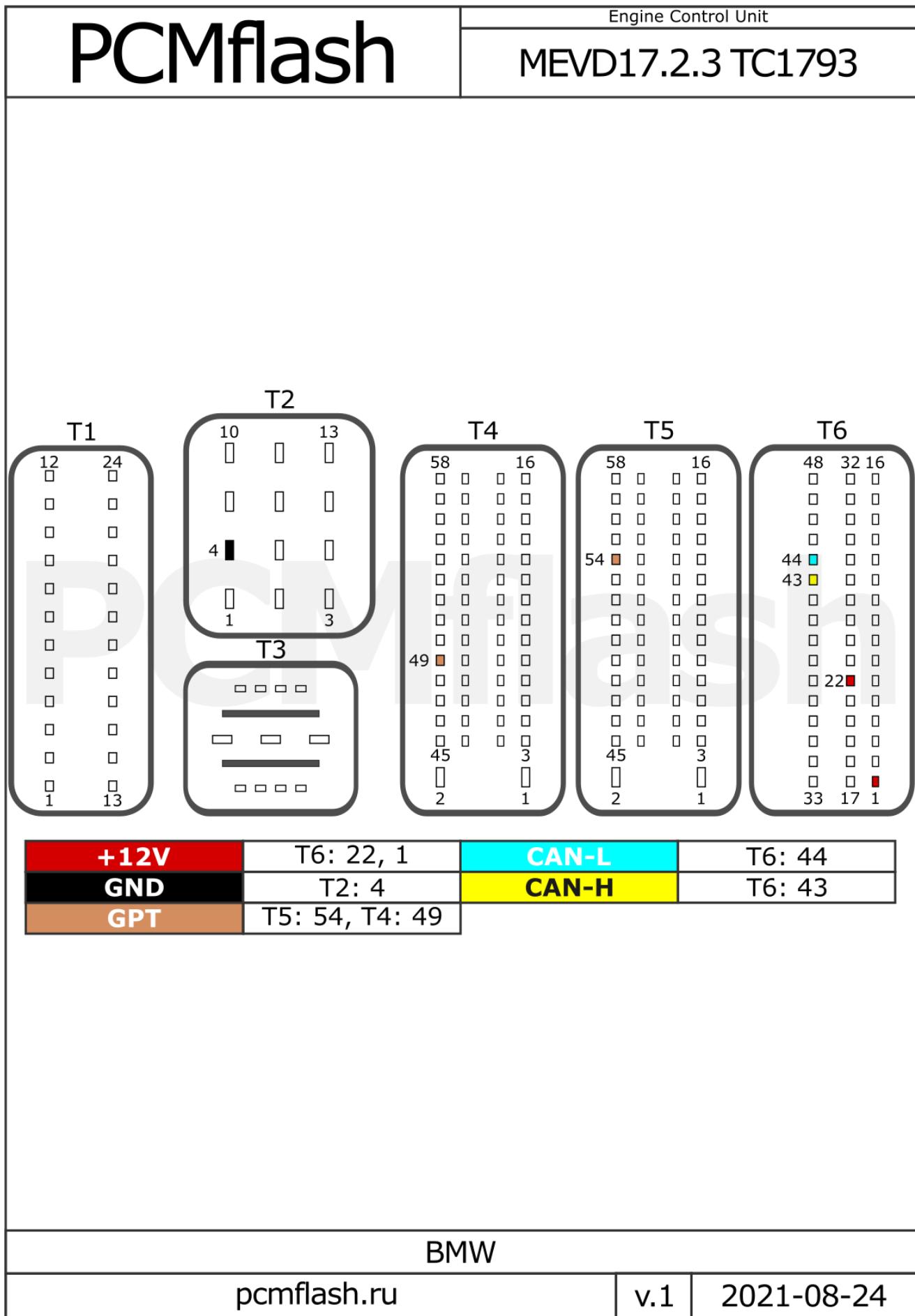


+12V	T58: 1, 1	CAN-L	T58: 1
GND	T58: 6	CAN-H	T58: 14
GPT	T86: 29, 11		

BMW





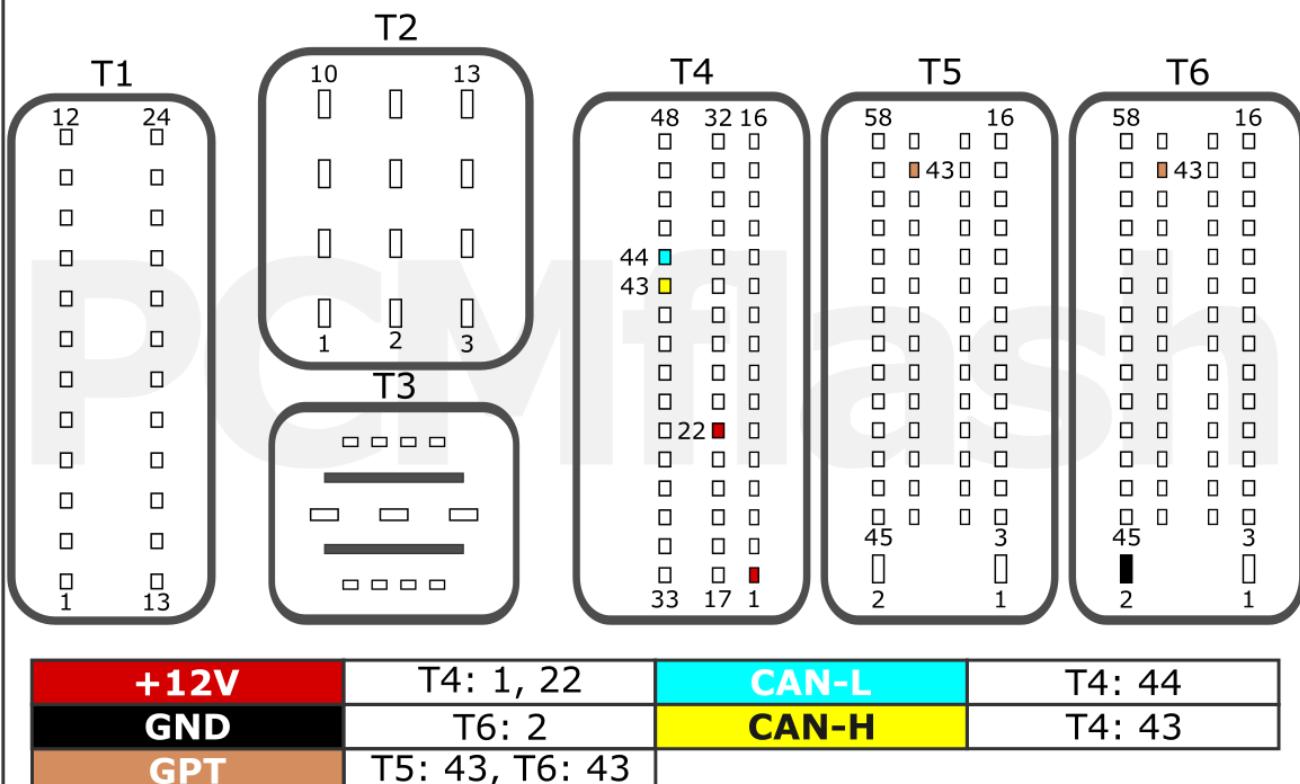


<h1>PCMflash</h1>	Engine Control Unit ME17.2.4 TC1793
T96 	T58
+12V GND GPT	T58: 6, 52 T58: 3 T96: 34, 39
CAN-L CAN-H	T58: 42 T58: 55
BMW	
pcmflash.ru	v.1 2021-09-10

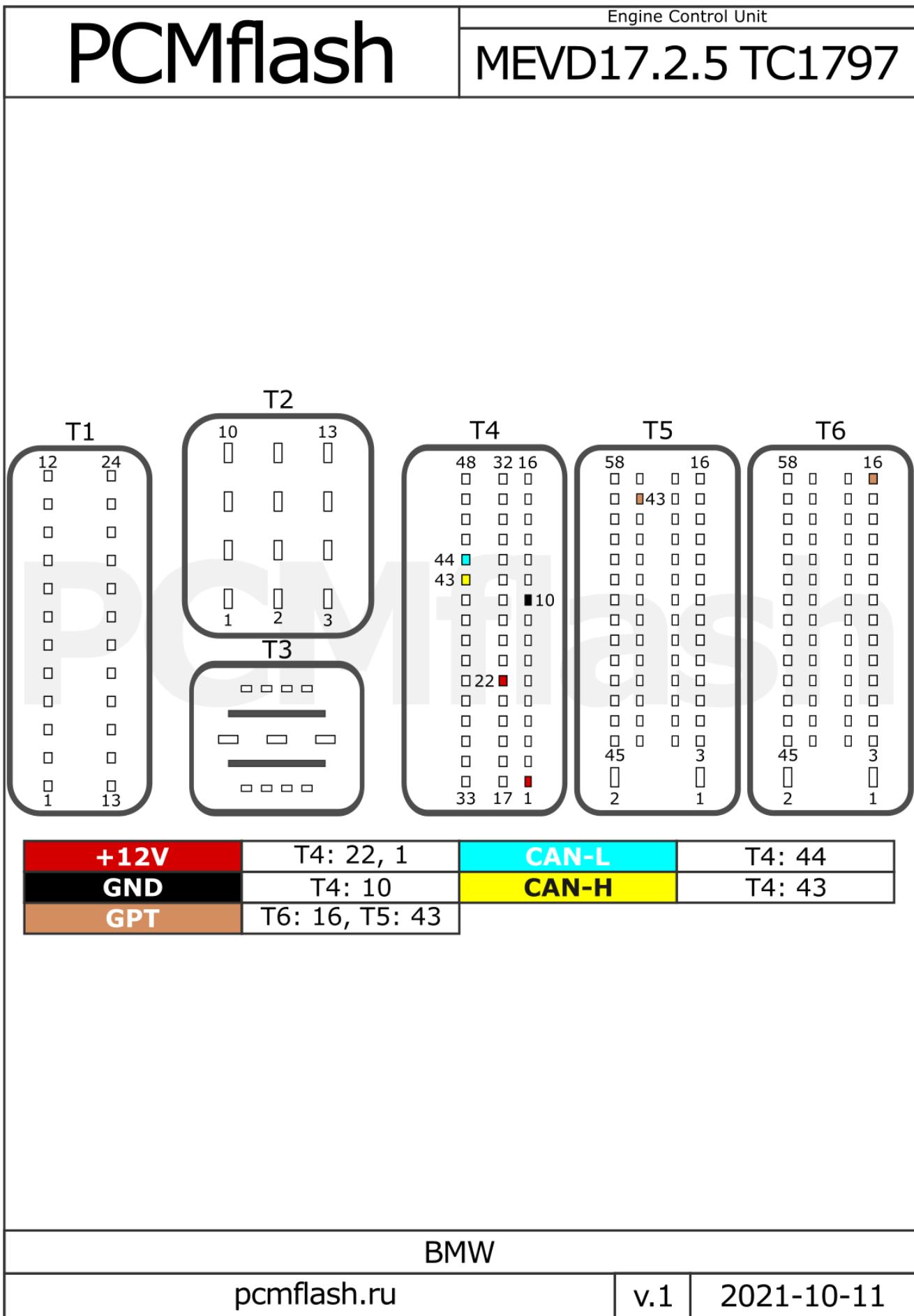
PCMflash

Engine Control Unit

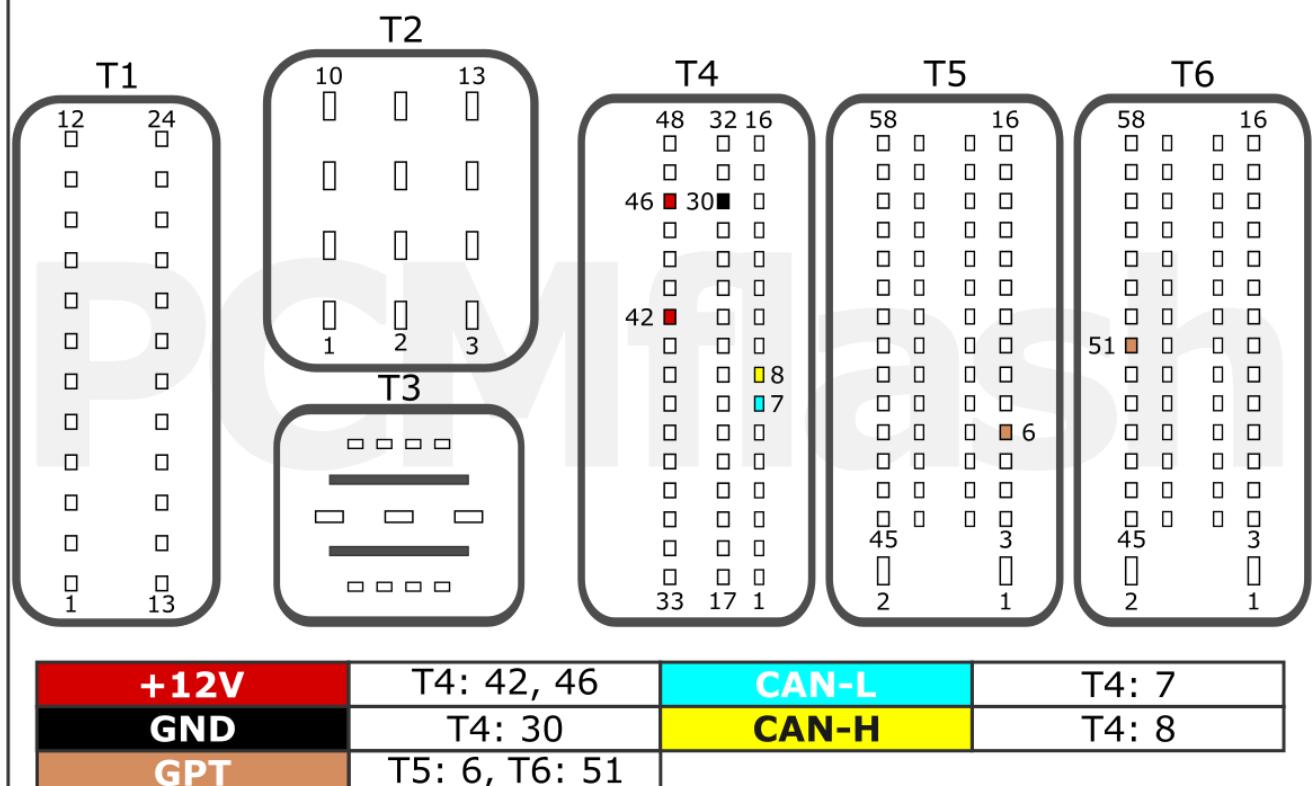
MEVD17.2.4 TC1797



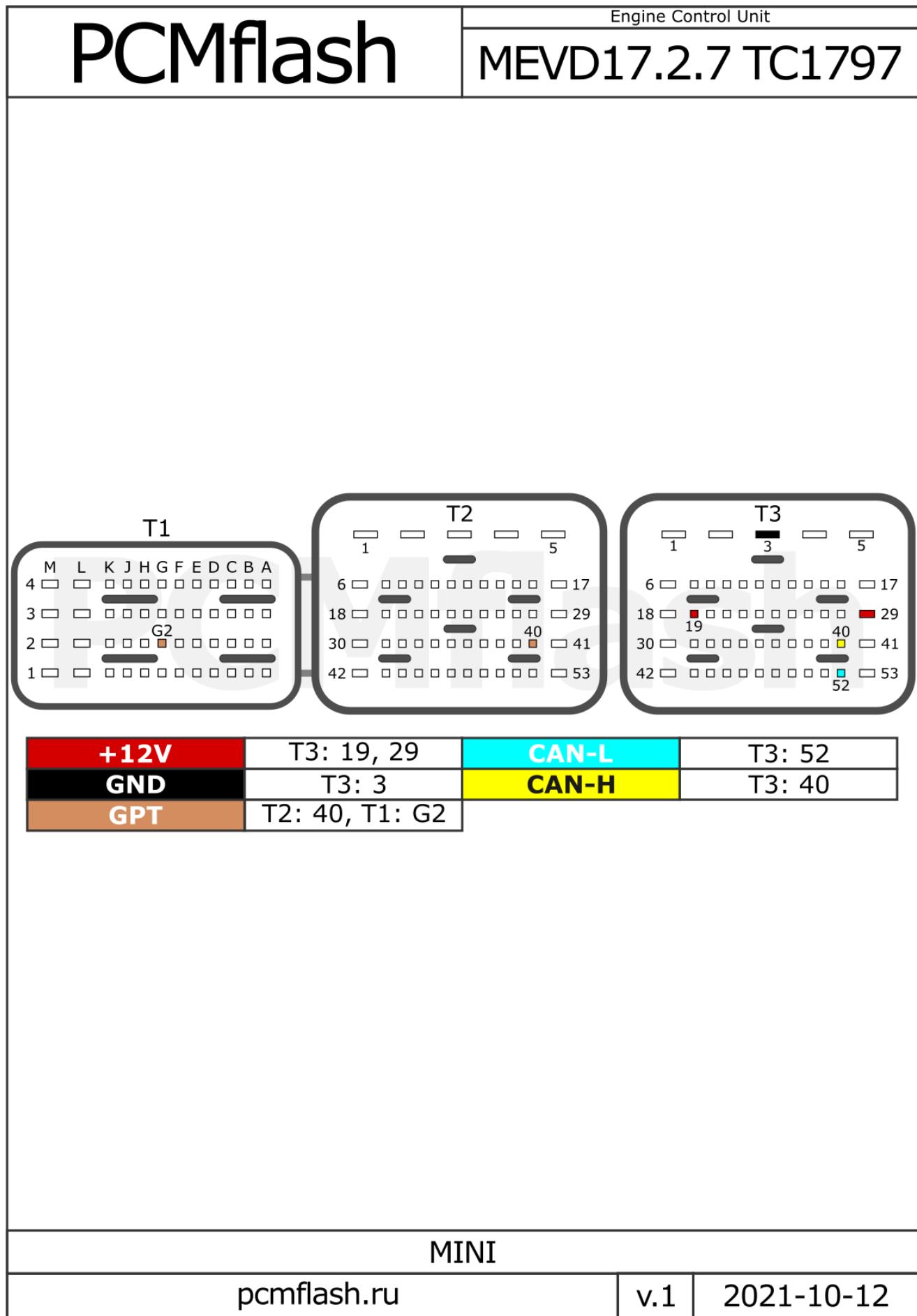
BMW



PCMflash	Engine Control Unit MEVD17.2.6 TC1797
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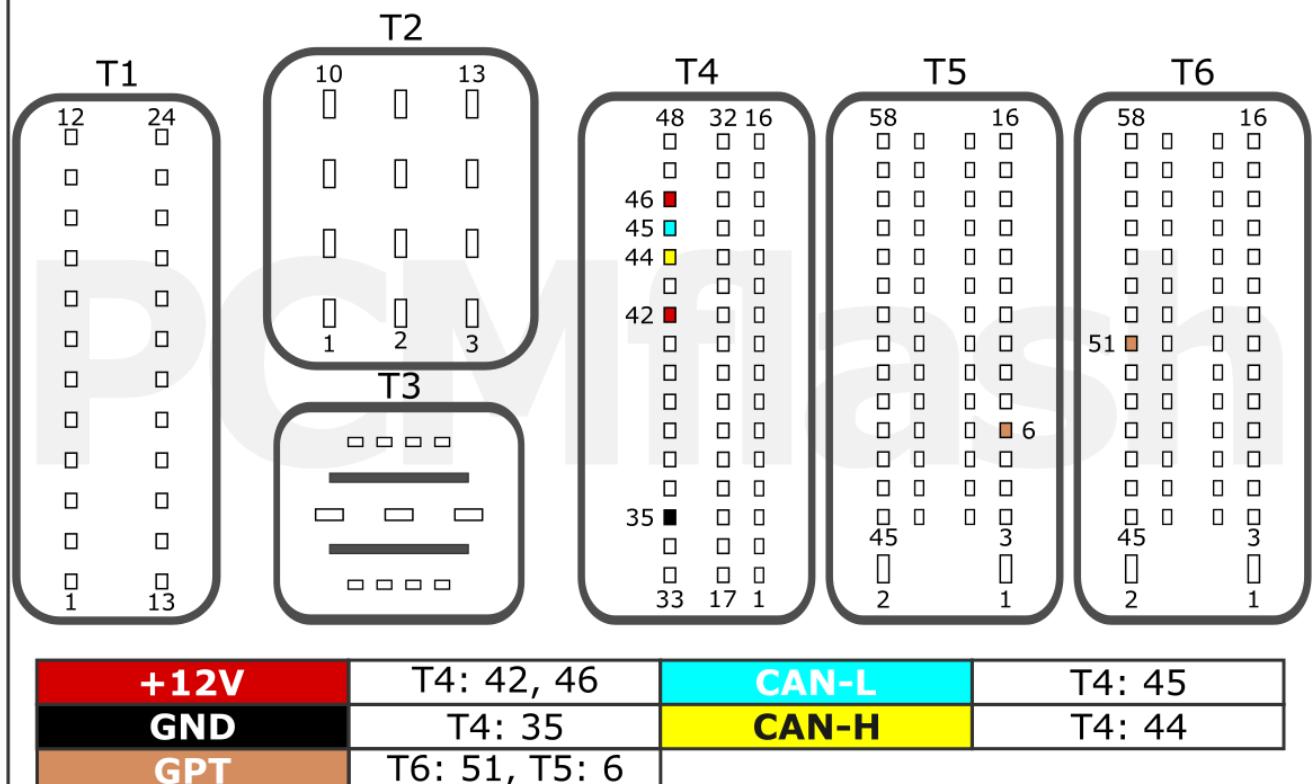


BMW



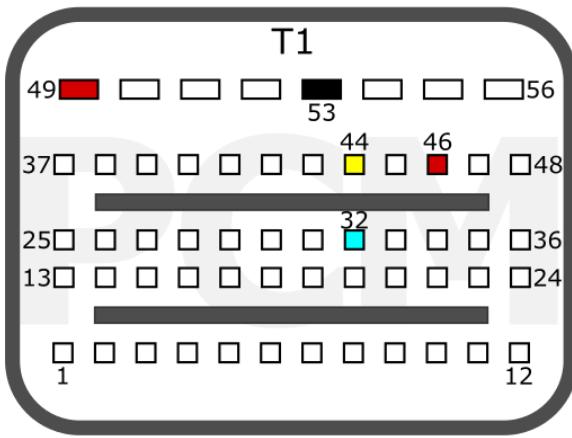
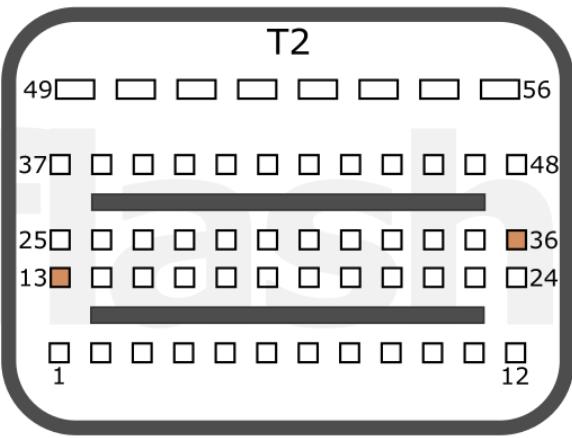
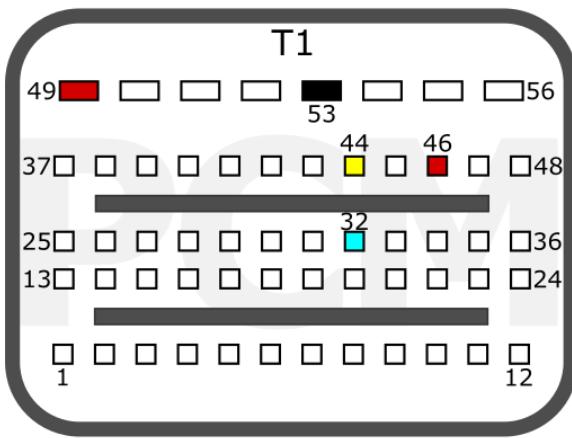
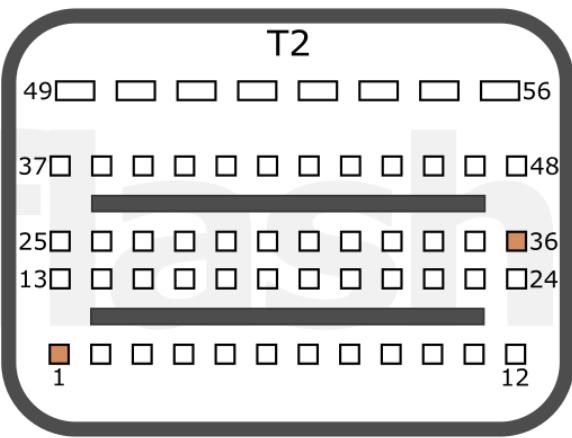
<h1>PCMflash</h1>		Engine Control Unit	
MEVD17.2.8/17.2.9 TC1797		MEVD17.2.8/17.2.9 TC1797	
T1	T2	T4	T5
			T6
+12V	T4: 40, 22, 1	CAN-L	T4: 13
GND	T6: 2	CAN-H	T4: 28
GPT	T6: 43, T5: 43		
BMW			
pcmflash.ru		v.2	2022-01-24

PCMflash	Engine Control Unit MEVD17.2.G TC1797
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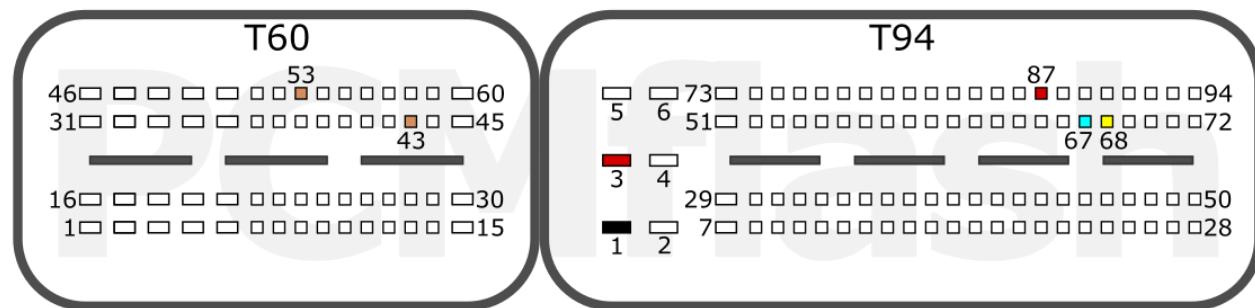


BMW

PCMflash		Engine Control Unit MEVD17.2.H TC1797	
T1		T2	
12	24	10	13
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□	□	□	□
□	□	□	□
□	□	□	□
□	□	□	□
□	□	□	□
□	□	□	□
□	□	1	2
1	13	3	
T3		T4	
T5		T6	
58	44	16	16
□	□	□	□
□	□	□	□
□	□	□	□
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□	□	□	□
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□	□	□	□
□	□	□	□
□	□	□	□
+12V	T4: 1, 22, 40	CAN-L	T4: 44
GND	T4: 27	CAN-H	T4: 43
GPT	T5: 43, T6: 43		
BMW			
pcmflash.ru		v.1	2021-10-31

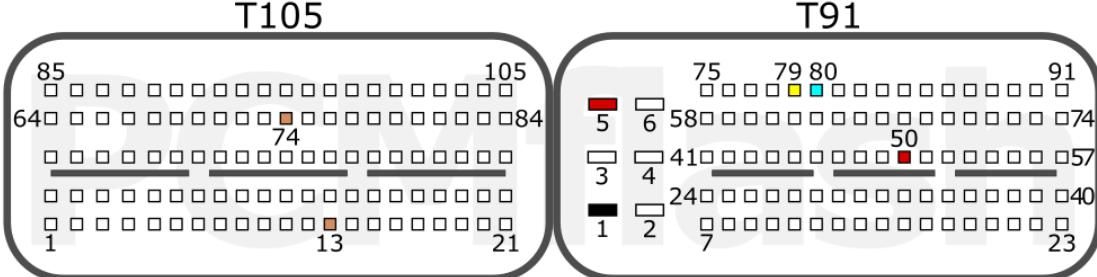
PCMflash	Engine Control Unit		
	ME17.3 TC1724		
FIAT			
	T1: 49, 46 T1: 53 T2: 36, 13		
+12V	T1: 49, 46	CAN-L	T1: 32
GND	T1: 53	CAN-H	T1: 44
GPT			
OPEL			
			
+12V	T1: 49, 46	CAN-L	T1: 32
GND	T1: 53	CAN-H	T1: 44
GPT	T2: 36, 1		
FIAT	OPEL		
pcmflash.ru	v.1	2021-10-31	

PCMflash	Engine Control Unit
	MED17.3.1 TC1766



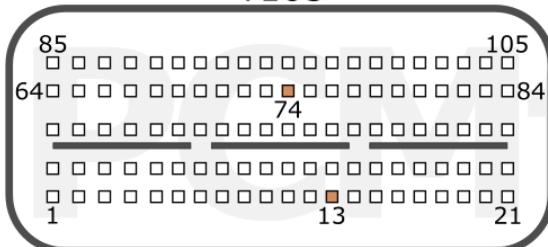
+12V	T94: 3, 87	CAN-L	T94: 67
GND	T94: 1	CAN-H	T94: 68
GPT	T60: 53, 43		

LANCIA

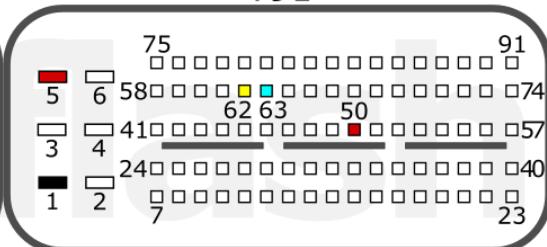
<h1>PCMflash</h1>	Engine Control Unit MED17.3.4 TC1797												
													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: red; padding: 2px;">+12V</td> <td style="padding: 2px;">T91: 5, 50</td> <td style="background-color: cyan; padding: 2px;">CAN-L</td> <td style="padding: 2px;">T91: 80</td> </tr> <tr> <td style="background-color: black; padding: 2px;">GND</td> <td style="padding: 2px;">T91: 1</td> <td style="background-color: yellow; padding: 2px;">CAN-H</td> <td style="padding: 2px;">T91: 79</td> </tr> <tr> <td style="background-color: brown; padding: 2px;">GPT</td> <td style="padding: 2px;">T105: 13, 74</td> <td></td> <td></td> </tr> </table>	+12V	T91: 5, 50	CAN-L	T91: 80	GND	T91: 1	CAN-H	T91: 79	GPT	T105: 13, 74			
+12V	T91: 5, 50	CAN-L	T91: 80										
GND	T91: 1	CAN-H	T91: 79										
GPT	T105: 13, 74												
MASERATI													
pcmflash.ru	v.1 2021-10-11												

PCMflash	Engine Control Unit
	MED17.3.5 TC1793

T105



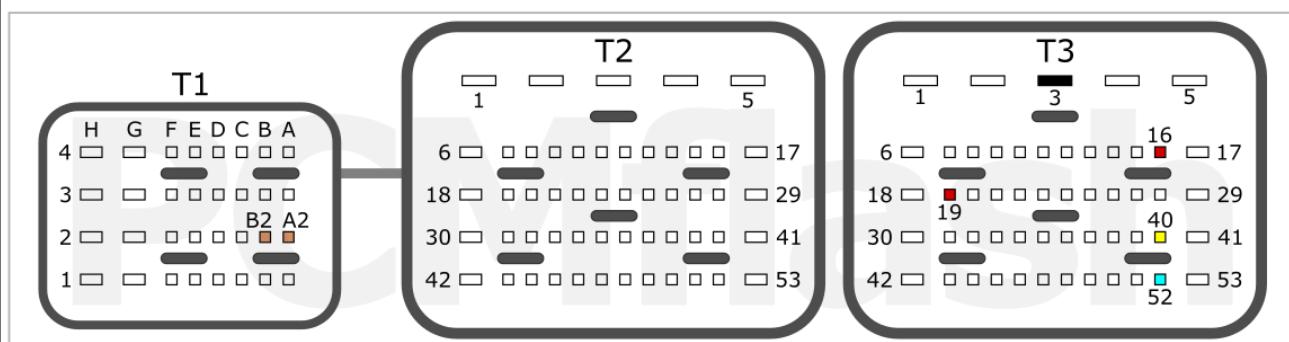
T91



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

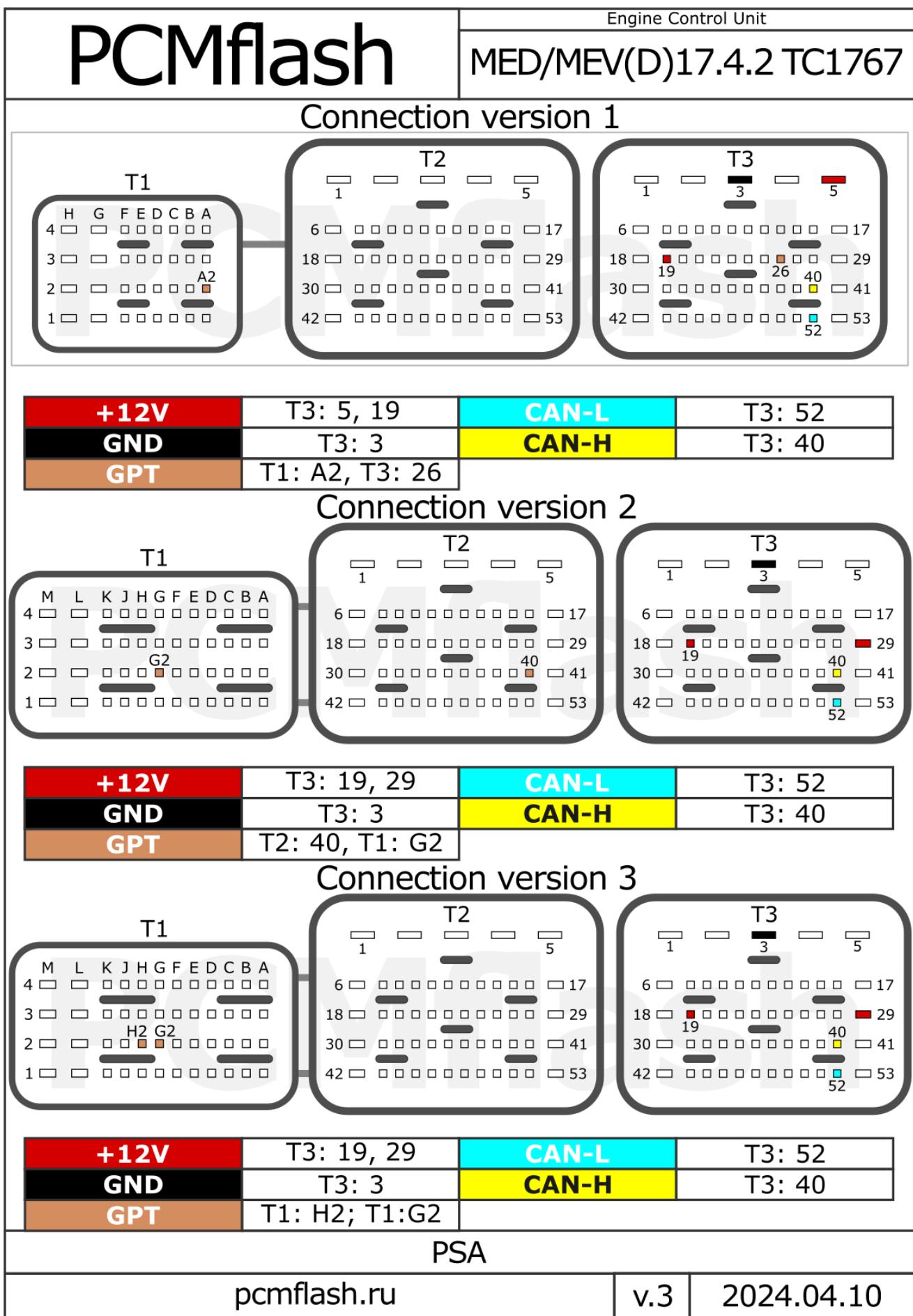
FERRARI

PCMflash	Engine Control Unit
	MED/MEV17.4 TC1766

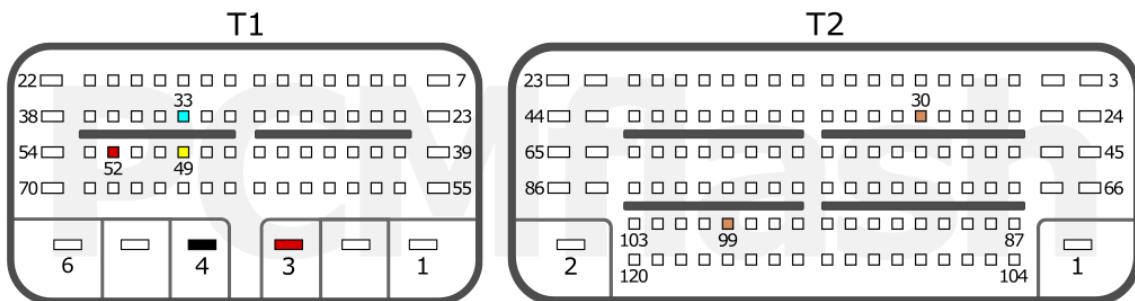


+12V	T3: 16, 19	CAN-L	T3: 52
GND	T3: 3	CAN-H	T3: 40
GPT	T1: A2, B2		

PSA

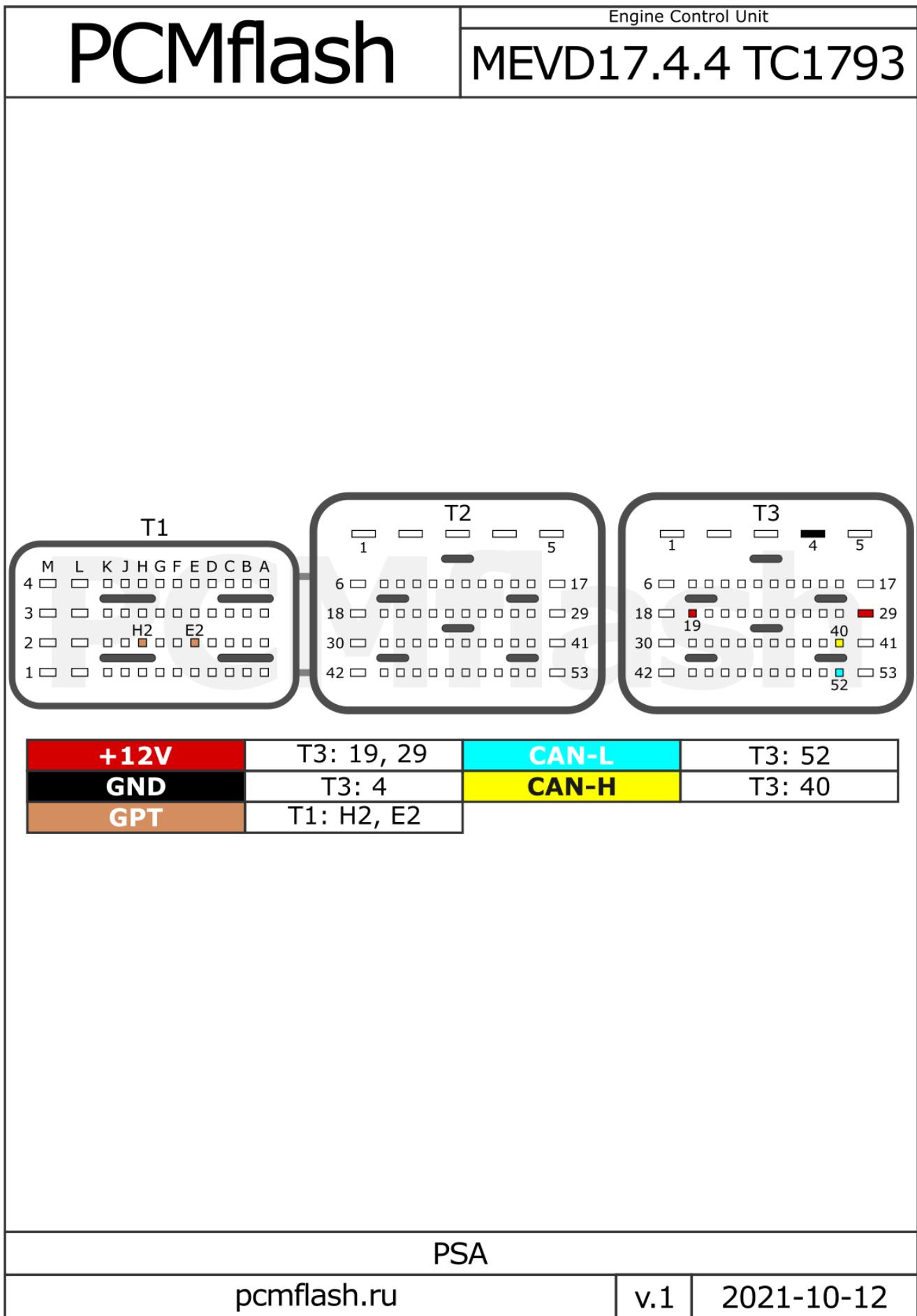


PCMflash	Engine Control Unit
	MED17.4.4 TC1793

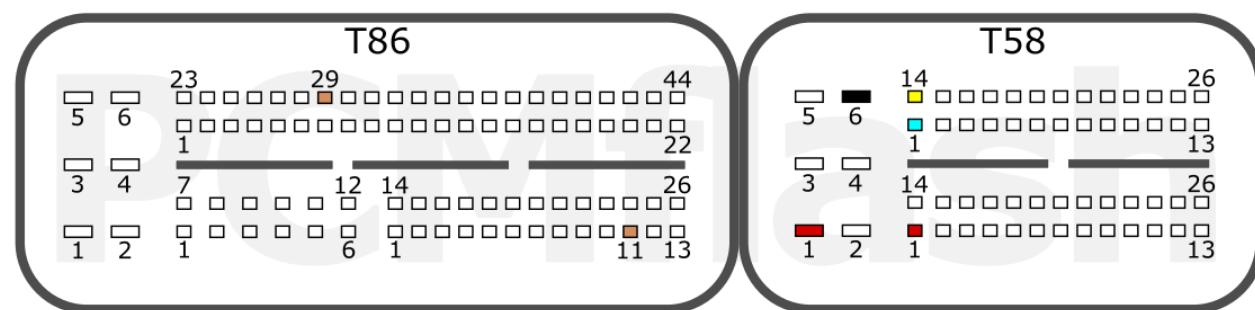


+12V	T1: 52, 3	CAN-L	T1: 33
GND	T1: 4	CAN-H	T1: 49
GPT	T2: 99, 30		

CITROEN



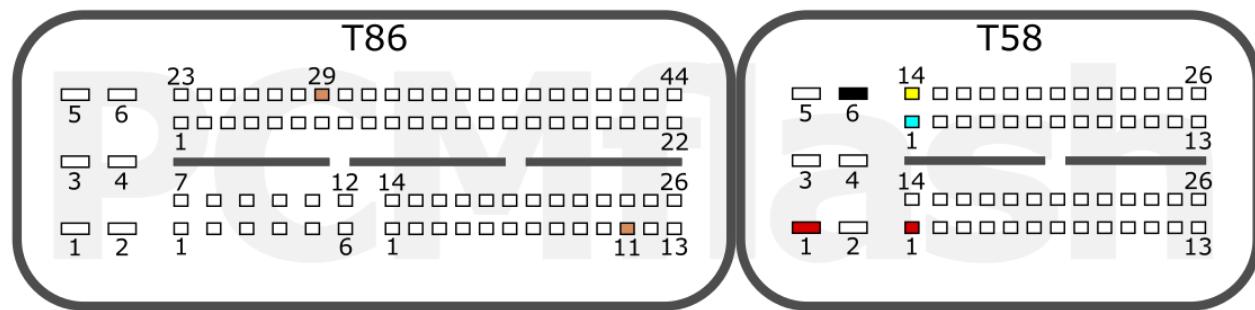
PCMflash	Engine Control Unit
	ME(V)17.4.5 TC1796



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

BMW

PCMflash	Engine Control Unit
	MEV17.4.6 TC1796



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

BMW		
pcmflash.ru	v.2	2021-12-14

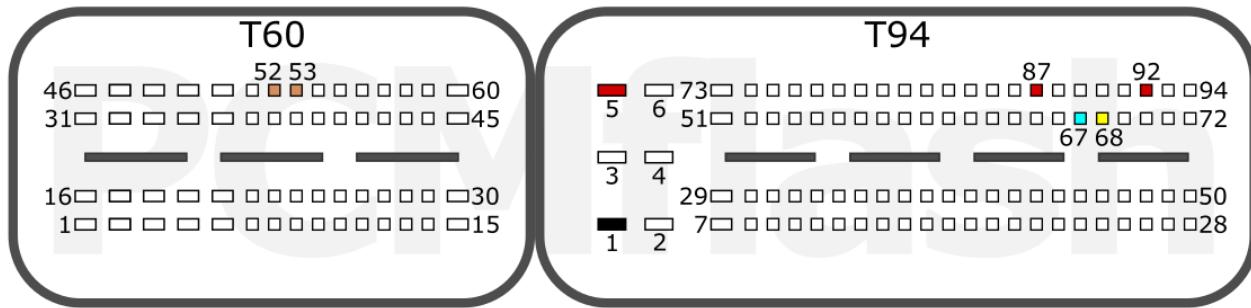
PCMflash	Engine Control Unit		
	ME17.5 TC1766		
	T60	T94	
+12V	T94: 5, 87	CAN-L	T94: 67
GND	T94: 1	CAN-H	T94: 68
GPT	T60: 6, 51		
VAG			
pcmflash.ru	v.1	2021-12-06	

PCMflash

Engine Control Unit

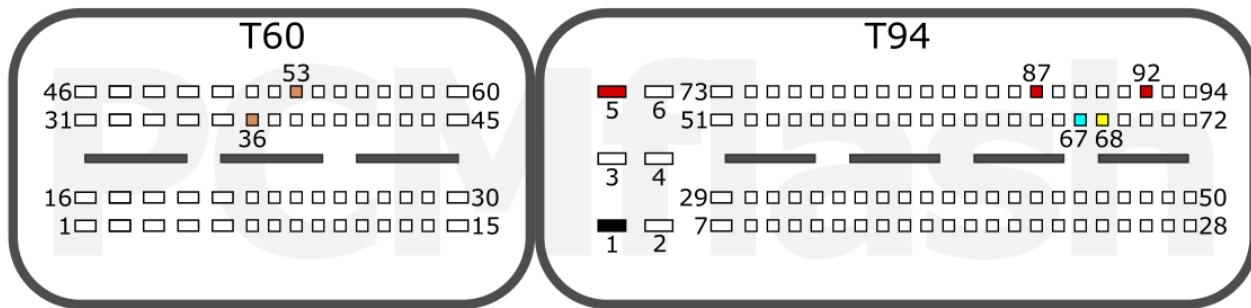
MED17.5 TC1766

SKODA



+12V	T94: 5, 87, 92	CAN-L	T94: 67
GND	T94: 1	CAN-H	T94: 68
GPT	T60: 52, 53		

VAG

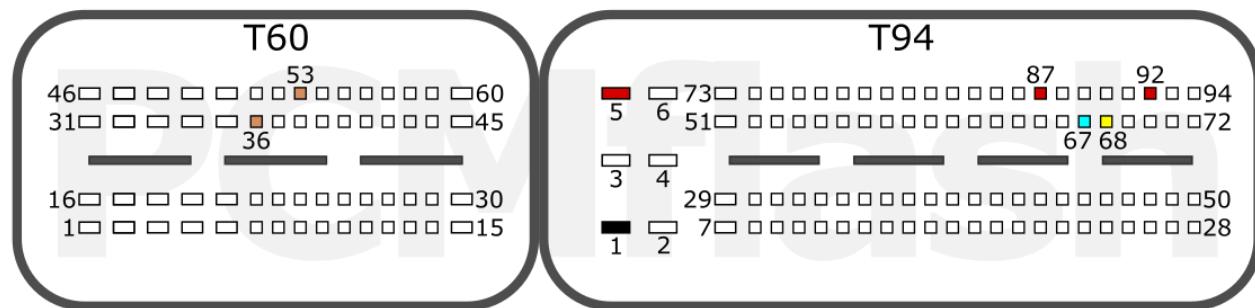


+12V	T94: 5, 87, 92	CAN-L	T94: 67
GND	T94: 1	CAN-H	T94: 68
GPT	T60: 53, 36		

SKODA

VAG

PCMflash	Engine Control Unit
	MED17.5.1 TC1796



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

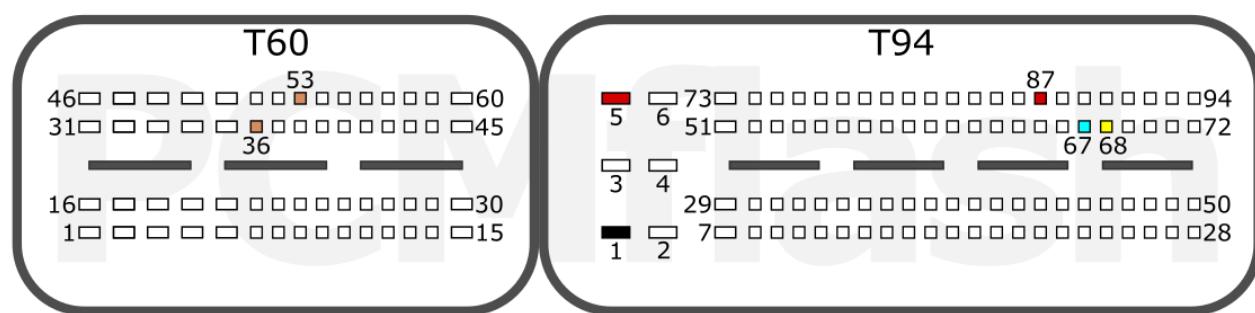
VAG

<h1>PCMflash</h1>	Engine Control Unit MED17.5.2 TC1767
+12V GND GPT	T94: 5, 87 T94: 1 T60: 53, 36
CAN-L CAN-H	T94: 67 T94: 68
VAG	
pcmflash.ru	v.1 2021-09-02

PCMflash

Engine Control Unit

MED17.5.5 TC1766



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

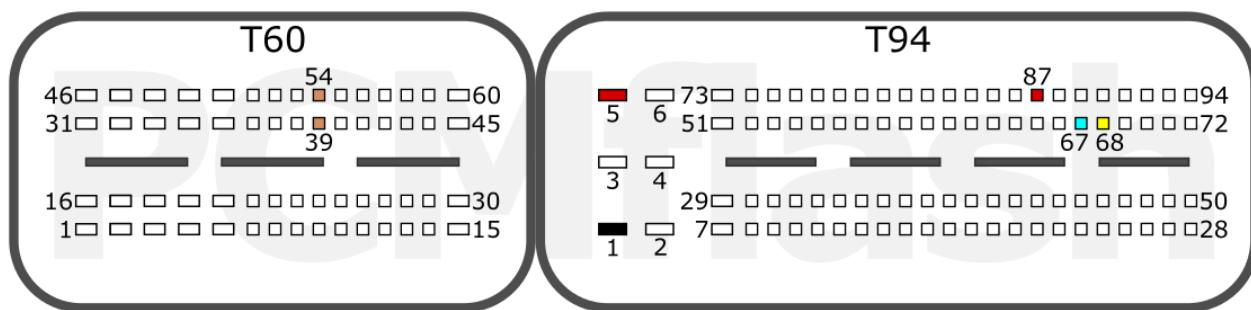
VAG

<h1>PCMflash</h1>	Engine Control Unit
	ME17.5.6 TC1767
<p>T60</p> <p>51 46 31 16 1</p> <p>60 45 30 15 6</p>	<p>T94</p> <p>87 5 6 3 4 1 2 73 51 29 7 94 72 67 68 50 28</p>
+12V GND GPT	T94: 5, 87 T94: 1 T60: 6, 51
CAN-L CAN-H	T94: 67 T94: 68
VAG	
pcmflash.ru	v.2
	2023-05-21

PCMflash

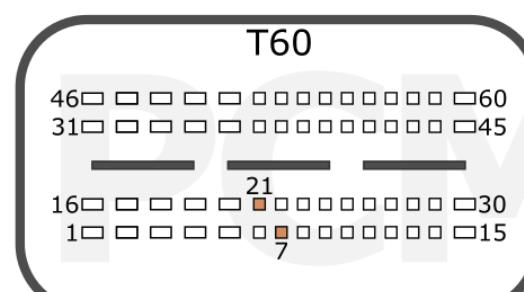
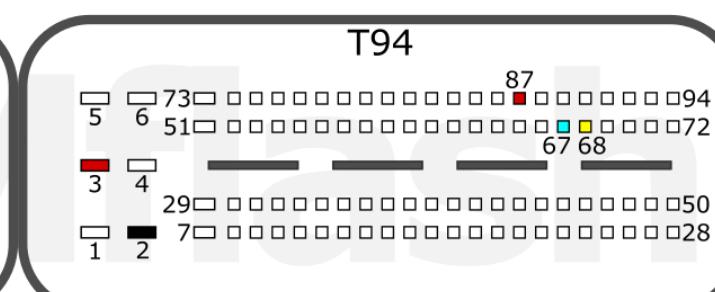
Engine Control Unit

MED17.5.20 TC1766



+12V	T94: 5, 87	CAN-L	T94: 67
GND	T94: 1	CAN-H	T94: 68
GPT	T60: 39, 54		

VAG

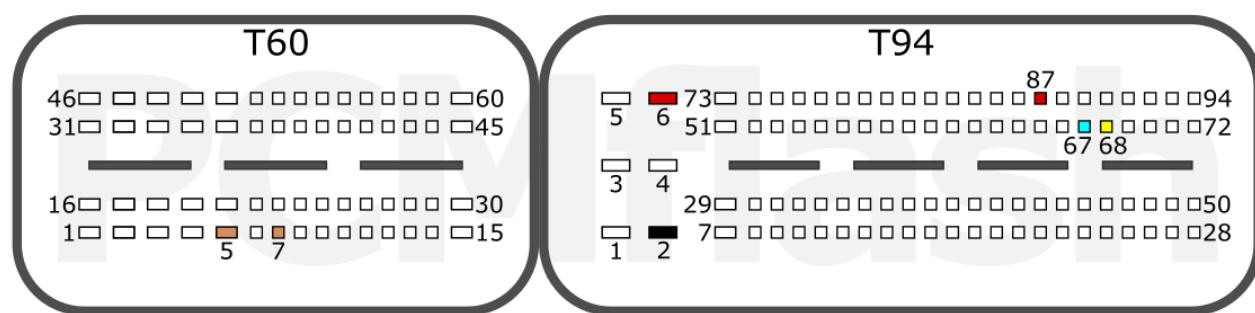
<h1>PCMflash</h1>	Engine Control Unit MED17.5.21 TC1782																																										
 <p>T60</p> <table border="1"> <tr><td>46</td><td>31</td><td>16</td><td>1</td></tr> <tr><td>30</td><td>45</td><td>30</td><td>15</td></tr> <tr><td>21</td><td>7</td><td>21</td><td>7</td></tr> </table>	46	31	16	1	30	45	30	15	21	7	21	7	 <p>T94</p> <table border="1"> <tr><td>87</td><td>73</td><td>51</td><td>5</td><td>6</td><td>29</td><td>4</td><td>1</td><td>2</td><td>94</td><td>72</td><td>67</td><td>68</td><td>50</td><td>28</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>	87	73	51	5	6	29	4	1	2	94	72	67	68	50	28															
46	31	16	1																																								
30	45	30	15																																								
21	7	21	7																																								
87	73	51	5	6	29	4	1	2	94	72	67	68	50	28																													
+12V GND GPT	T94: 3, 87 T94: 2 T60: 21, 7																																										
CAN-L CAN-H	T94: 67 T94: 68																																										
VAG																																											
pcmflash.ru	v.1 2021-09-30																																										

<h1>PCMflash</h1>	Engine Control Unit MED17.5.25 TC1782
T60 	T94
+12V GND GPT	T94: 3, 87 T94: 2 T60: 21, 7
	CAN-L CAN-H
	T94: 67 T94: 68
SKODA	
pcmflash.ru	v.1 2021-09-26

PCMflash

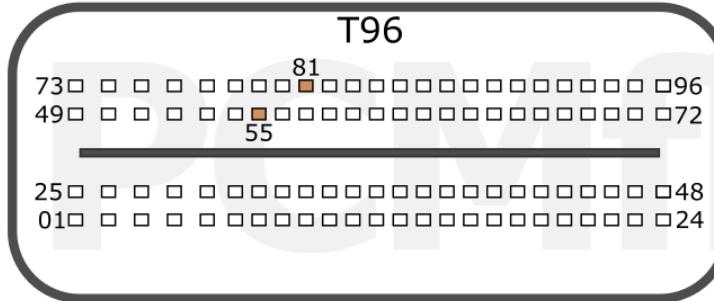
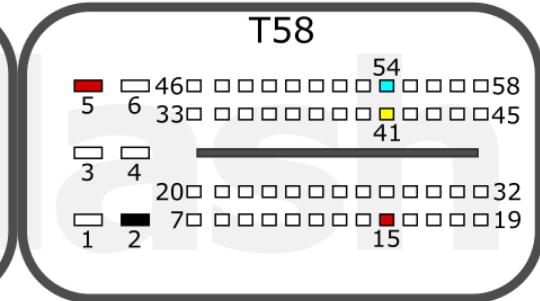
Engine Control Unit

ME17.5.26 TC1724



+12V	T94: 6, 87	CAN-L	T94: 67
GND	T94: 2	CAN-H	T94: 68
GPT	T60: 7, 5		

VAG

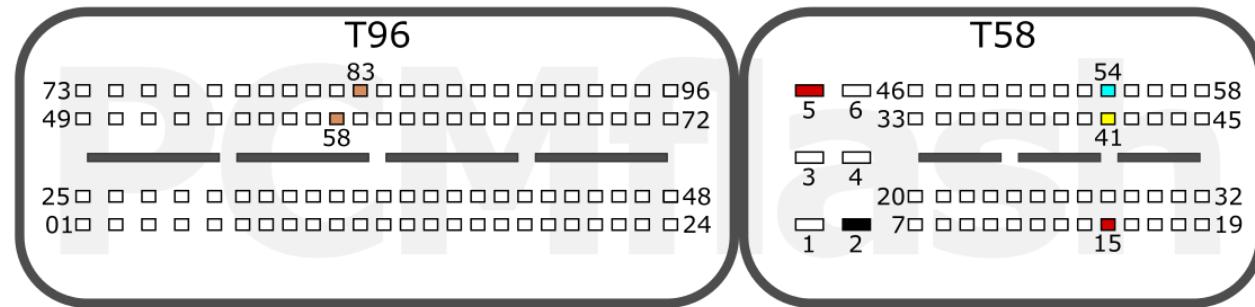
PCMflash	Engine Control Unit ME17.7 TC1796
	
+12V	T58: 5, 15
GND	T58: 2
GPT	T96: 81, 55
	CAN-L
	T58: 54
	CAN-H
	T58: 41
MB	
pcmflash.ru	v.1
	2021-10-13

PCMflash

Engine Control Unit

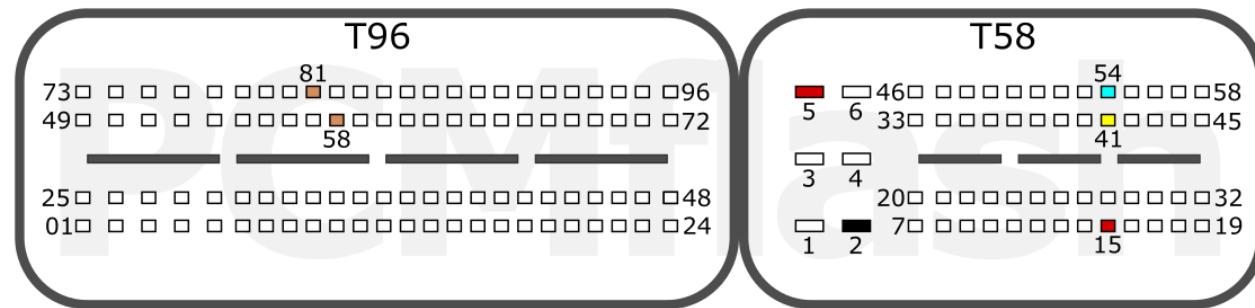
MED17.7.1 TC1797

Connection version 1



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

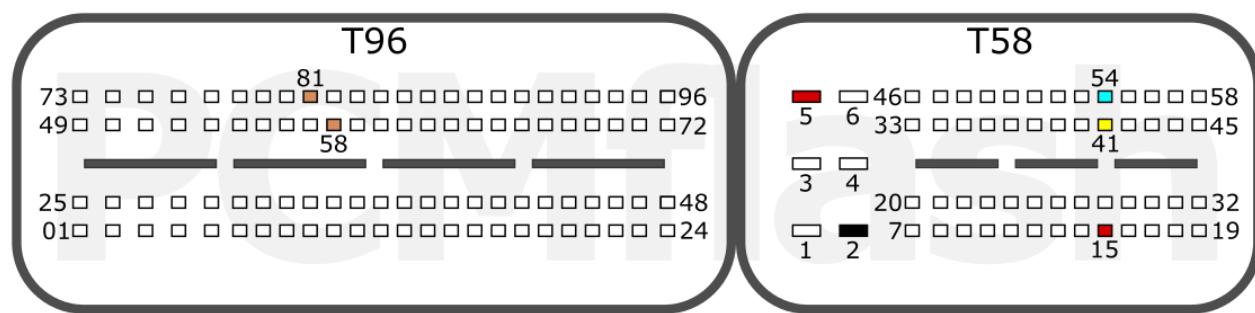
Connection version 2



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

MB

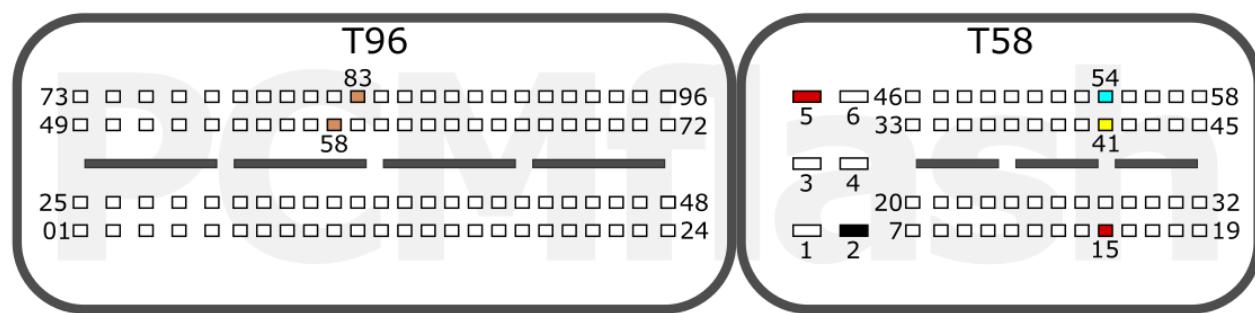
PCMflash	Engine Control Unit MED17.7.2 TC1797
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+12V	T58: 5, 15	CAN-L	T58: 54
GND	T58: 2	CAN-H	T58: 41
GPT	T96: 81, 58		

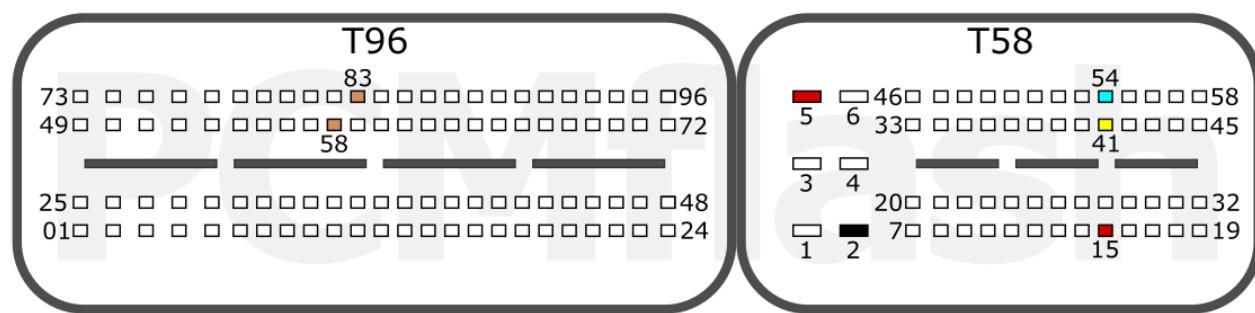
INFINITI	MB
pcmflash.ru	v.1 2021-09-08

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		

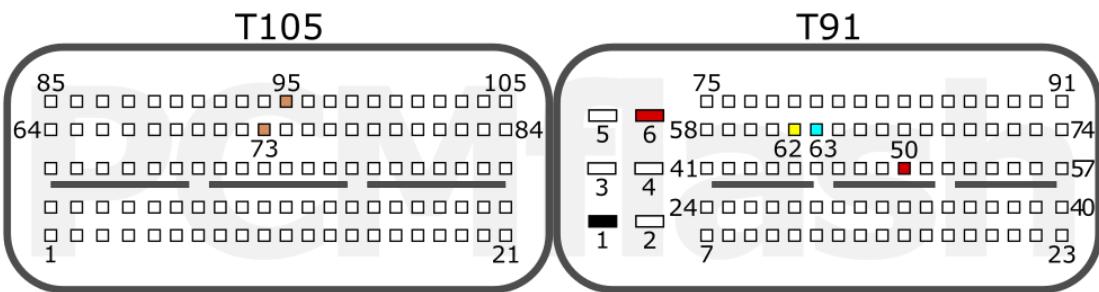
PCMflash	Engine Control Unit
	MED17.7.3.1 TC1797



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

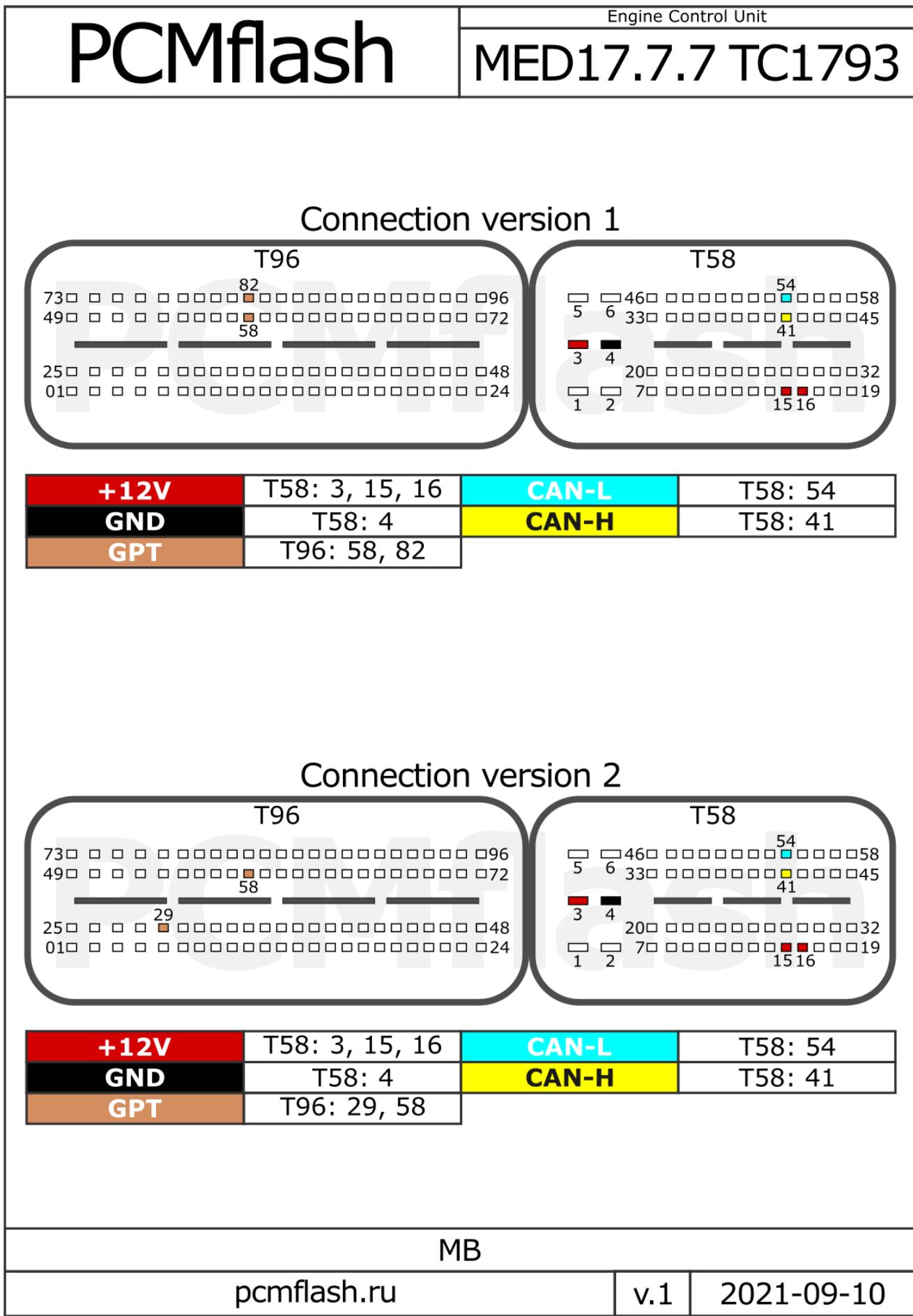
MB

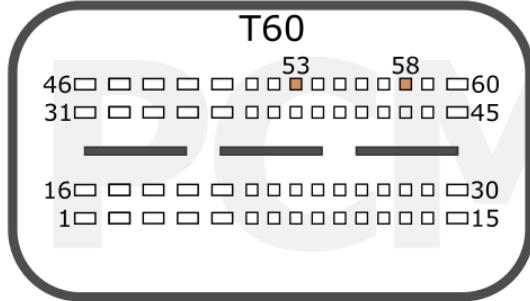
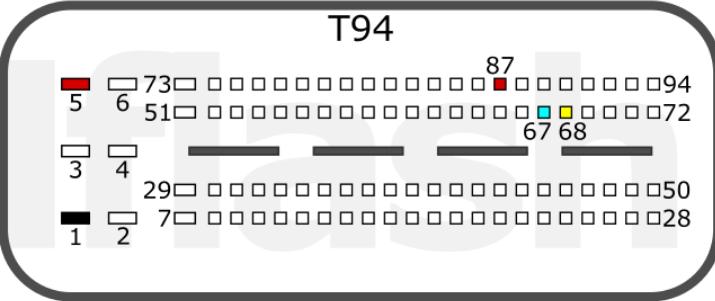
PCMflash	Engine Control Unit
	MED17.7.5 TC1793



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

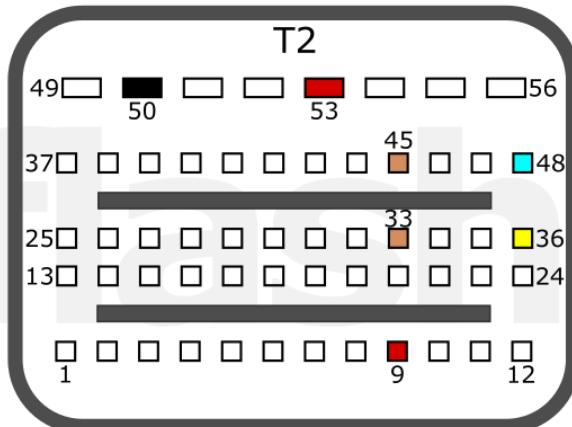
MB



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

PCMflash		Engine Control Unit	
MEVD17.8.4 TC1797			
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 ME17.8.5 TC1762
+12V GND GPT	T1: M4, D1 T1: M2 T1: F4, T2:E2
CAN-L CAN-H	T1: C2 T1: C1
ROTAX pcmflash.ru v.1 2021-09-28	

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

PCMflash

Engine Control Unit

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

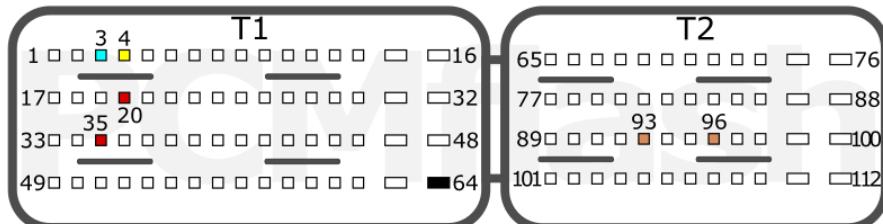
Connection version 1



+12V	T1: 20, 35	CAN-L	T1: 17
GND	T1: 64	CAN-H	T1: 1
GPT*	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

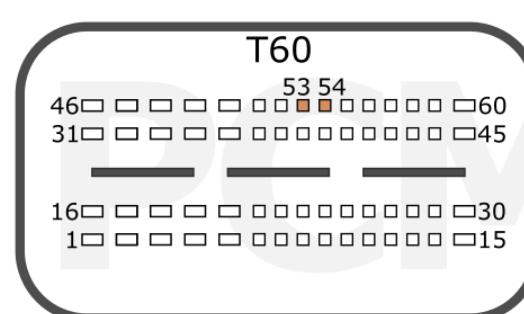
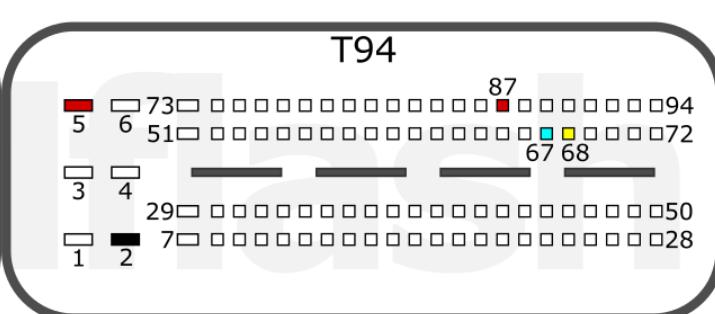
Connection version 2

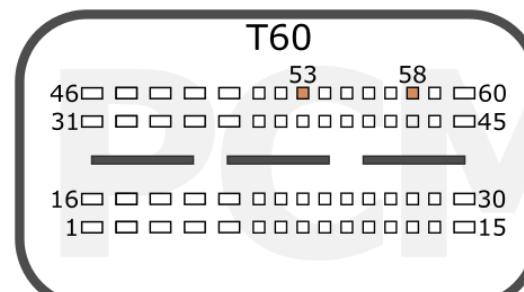
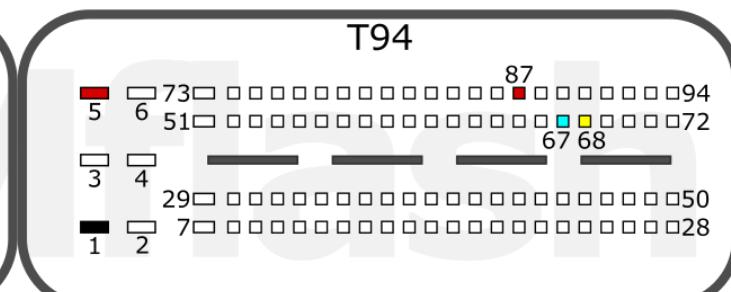


+12V	T1: 20, 35	CAN-L	T1: 3
GND	T1: 64	CAN-H	T1: 4
GPT*	T2: 93, 96		

*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

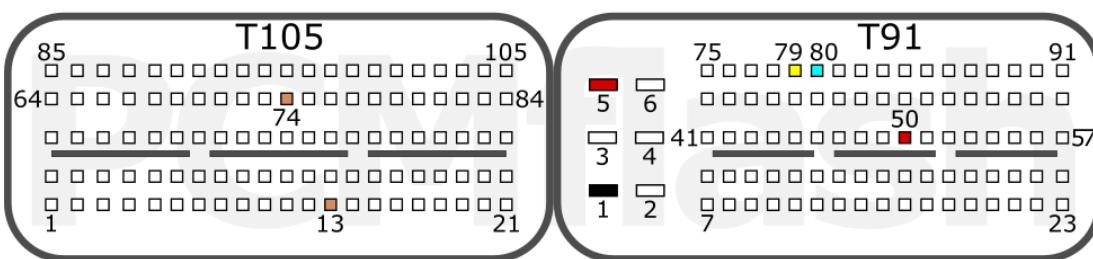
<h1>PCMflash</h1>	Engine Control Unit MED17.8.10 TC1728/TC1782												
													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: red; color: white; padding: 2px;">+12V</td><td style="padding: 2px;">T94: 5, 87</td><td style="background-color: cyan; color: black; padding: 2px;">CAN-L</td><td style="padding: 2px;">T94: 67</td></tr> <tr> <td style="background-color: black; color: white; padding: 2px;">GND</td><td style="padding: 2px;">T94: 2</td><td style="background-color: yellow; color: black; padding: 2px;">CAN-H</td><td style="padding: 2px;">T94: 68</td></tr> <tr> <td style="background-color: brown; color: white; padding: 2px;">GPT</td><td style="padding: 2px;">T60: 53, 54</td><td></td><td></td></tr> </table>	+12V	T94: 5, 87	CAN-L	T94: 67	GND	T94: 2	CAN-H	T94: 68	GPT	T60: 53, 54			
+12V	T94: 5, 87	CAN-L	T94: 67										
GND	T94: 2	CAN-H	T94: 68										
GPT	T60: 53, 54												
CHINA													
pcmflash.ru	v.2	2023-07-30											

PCMflash	Engine Control Unit MED17.8.21 TC1767
	
+12V	T94: 5, 87
GND	T94: 1
GPT	T60: 53, 58
	FOTON
pcmflash.ru	v.1 2021-10-31

PCMflash

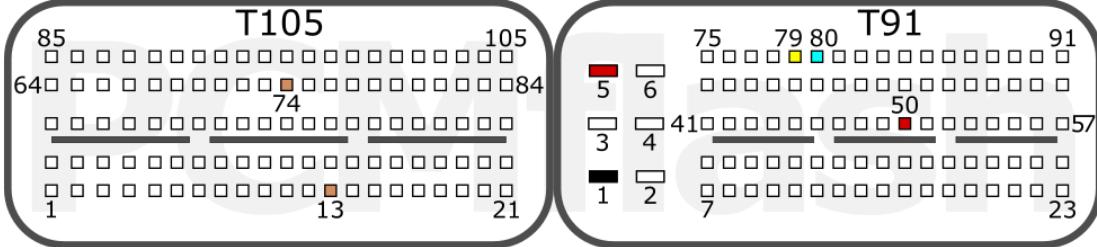
Engine Control Unit

MED17.8.31 TC1797



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

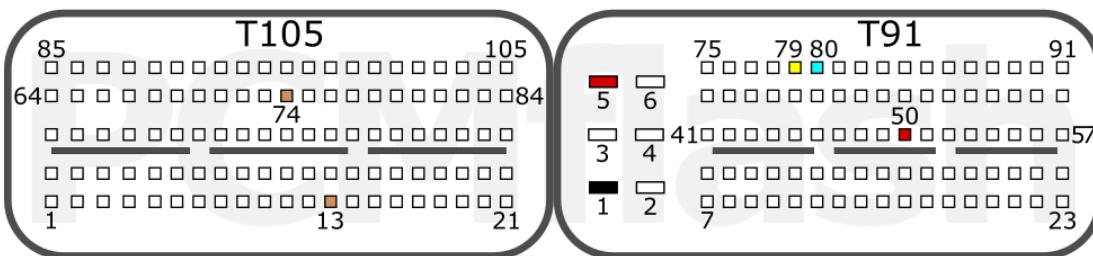
JLR

<h1>PCMflash</h1>	Engine Control Unit ME17.8.32 TC1797												
													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="color: red; padding: 2px;">+12V</td> <td style="padding: 2px;">T91: 5, 50</td> <td style="color: cyan; padding: 2px;">CAN-L</td> <td style="padding: 2px;">T91: 80</td> </tr> <tr> <td style="color: black; padding: 2px;">GND</td> <td style="padding: 2px;">T91: 1</td> <td style="color: yellow; padding: 2px;">CAN-H</td> <td style="padding: 2px;">T91: 79</td> </tr> <tr> <td style="color: orange; padding: 2px;">GPT</td> <td style="padding: 2px;">T105: 74, 13</td> <td></td> <td></td> </tr> </table>	+12V	T91: 5, 50	CAN-L	T91: 80	GND	T91: 1	CAN-H	T91: 79	GPT	T105: 74, 13			
+12V	T91: 5, 50	CAN-L	T91: 80										
GND	T91: 1	CAN-H	T91: 79										
GPT	T105: 74, 13												
MCLAREN													
pcmflash.ru	v.1 2021-10-14												

PCMflash

Engine Control Unit

MED17.8.32 TC1793



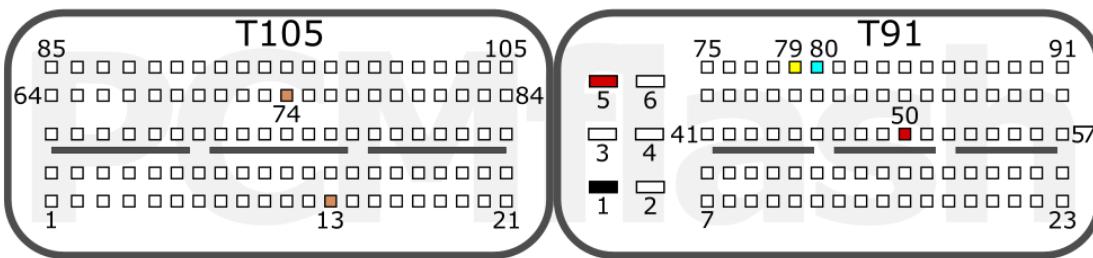
+12V	T91: 5, 50	CAN-L	T91: 80
GND	T91: 1	CAN-H	T91: 79
GPT	T105: 13, 74		

JLR

PCMflash

Engine Control Unit

MED17.8.34 TC1793



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

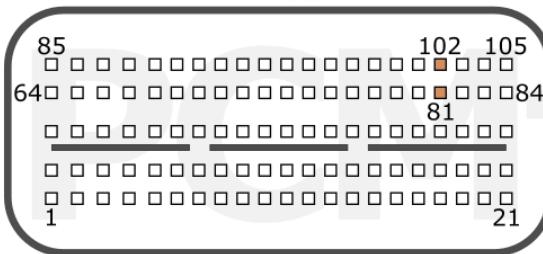
AURUS

PCMflash

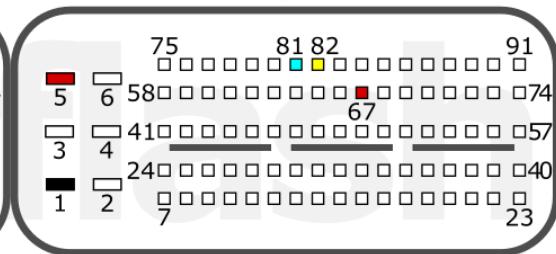
Engine Control Unit

MEDC17.9 TC1793

T105

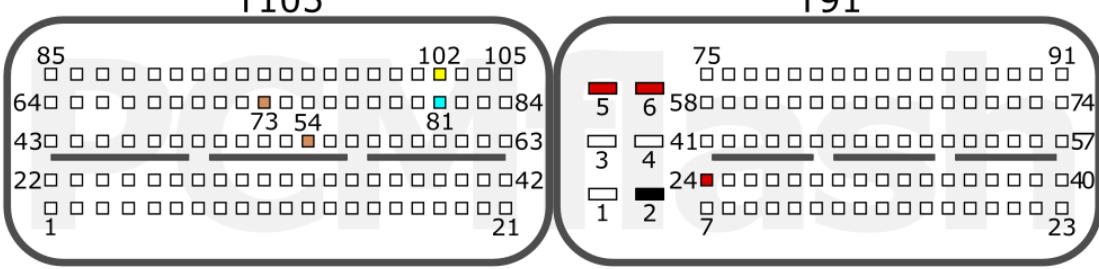


T91

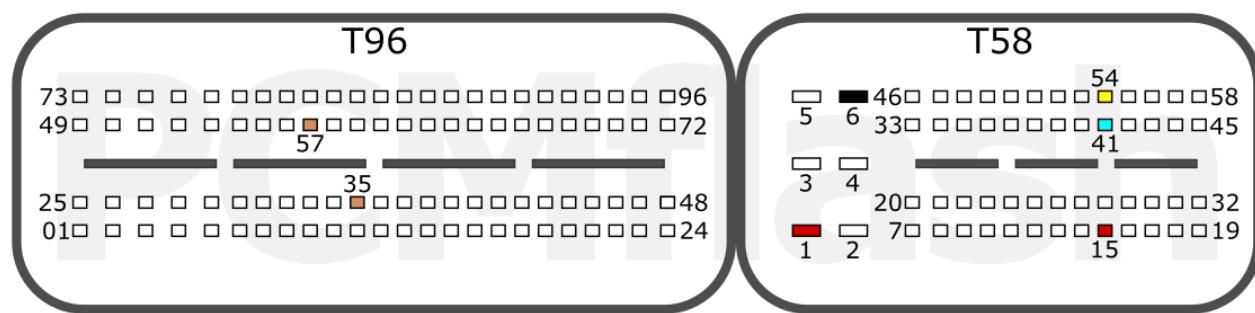


+12V	T91: 5, 67	CAN-L	T91: 81
GND	T91: 1	CAN-H	T91: 82
GPT	T105: 81, 102		

JLR

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

PCMflash	Engine Control Unit
	MED17.9.3 TC1793



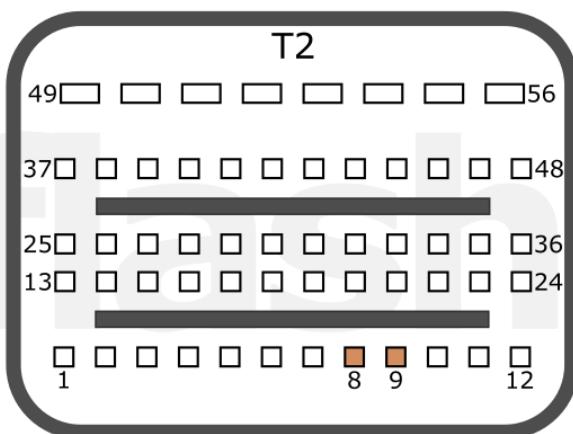
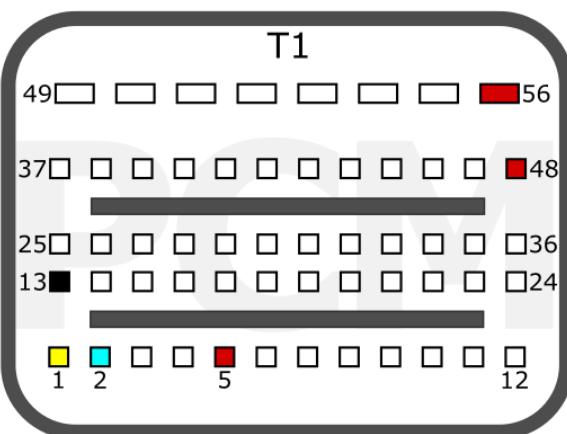
+12V	T58: 1, 15	CAN-L	T58: 41
GND	T58: 6	CAN-H	T58: 54
GPT	T96: 35, 57		

HONDA

PCMflash

Engine Control Unit

ME17.9.6 TC1767



+12V	T1: 56, 48, 5	CAN-L	T1: 2
GND	T1: 13	CAN-H	T1: 1
GPT	T2: 8, 9		

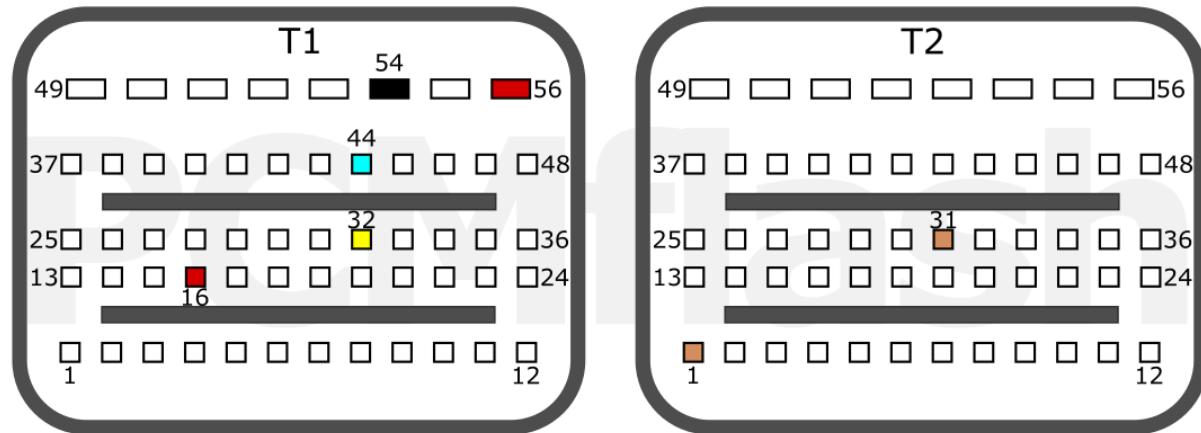
SUZUKI

PCMflash

Engine Control Unit

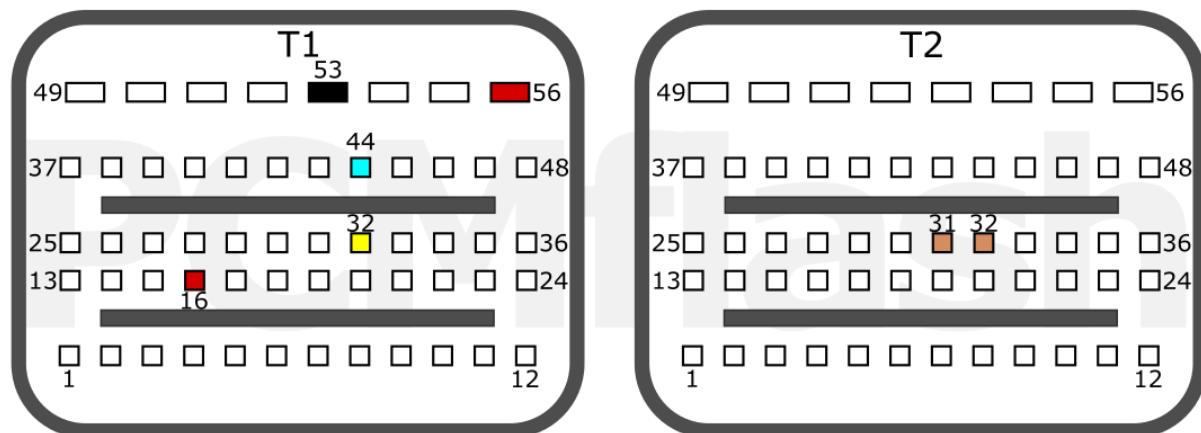
ME17.9.7 TC1762

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		

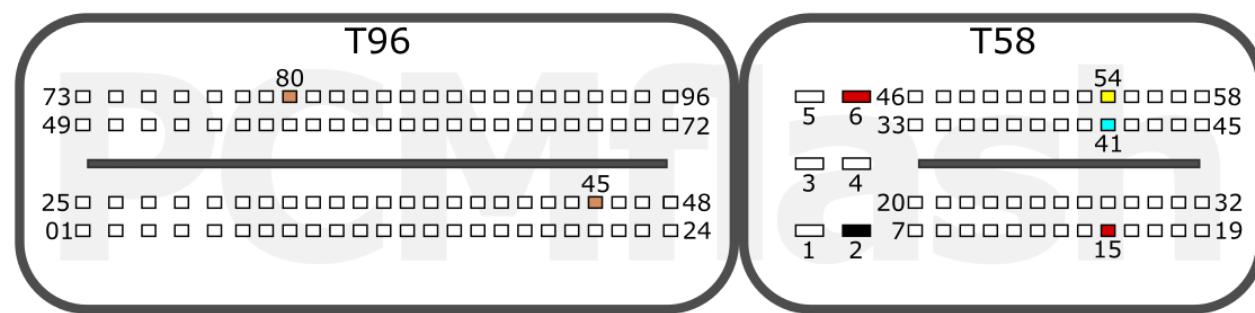
VAZ

UAZ

PCMflash

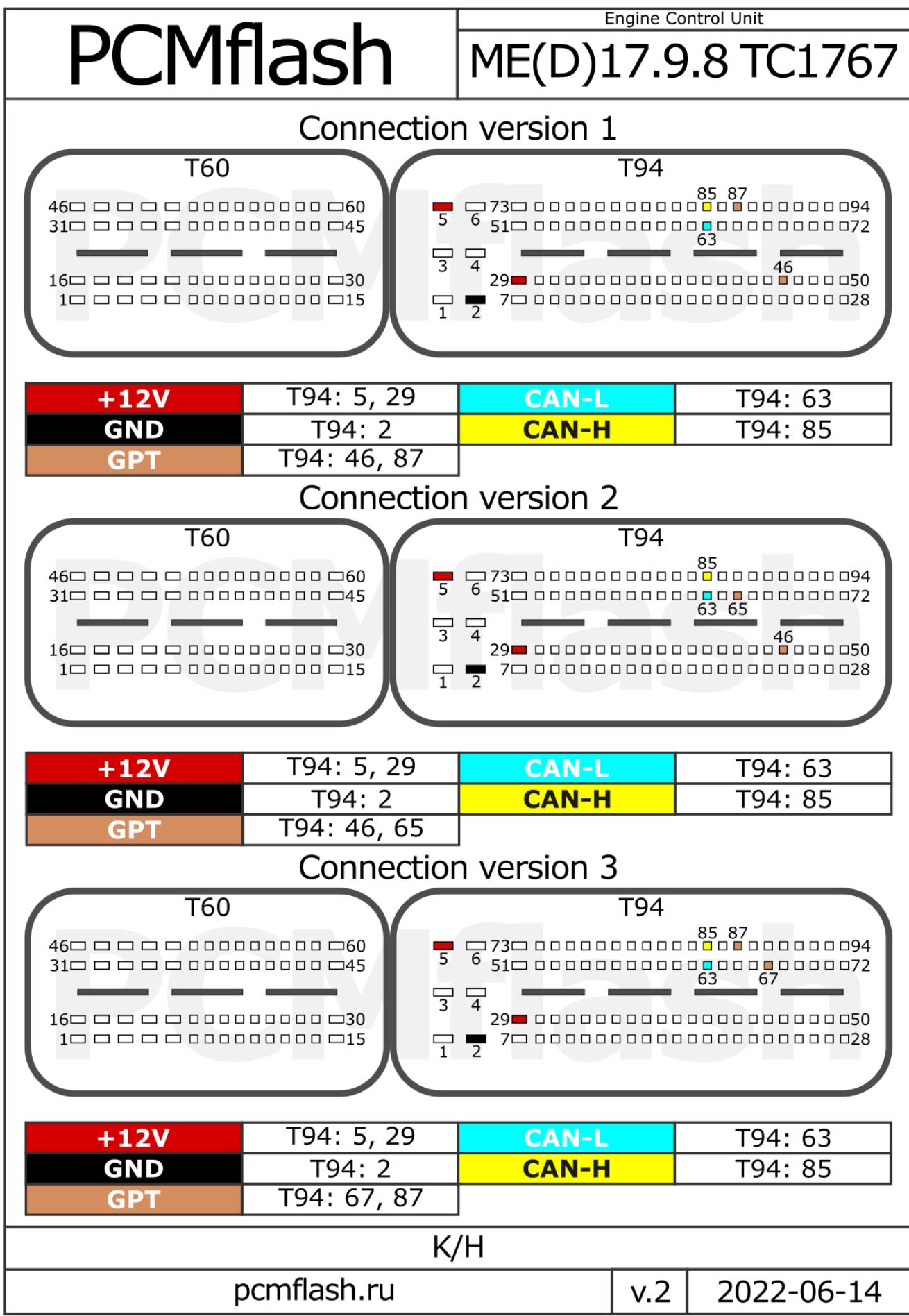
Engine Control Unit

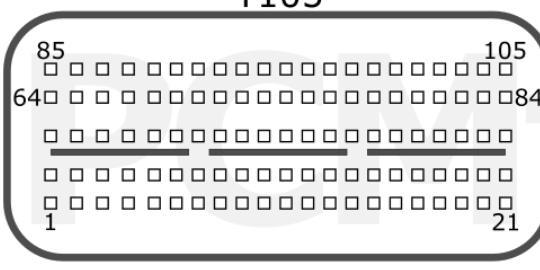
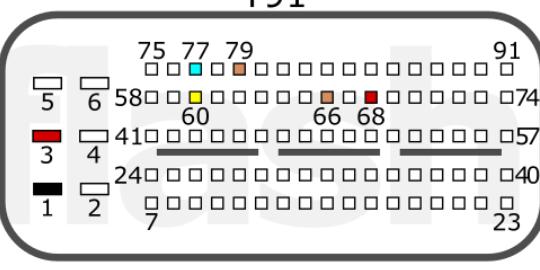
MED17.9.7 TC1767



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

JLR

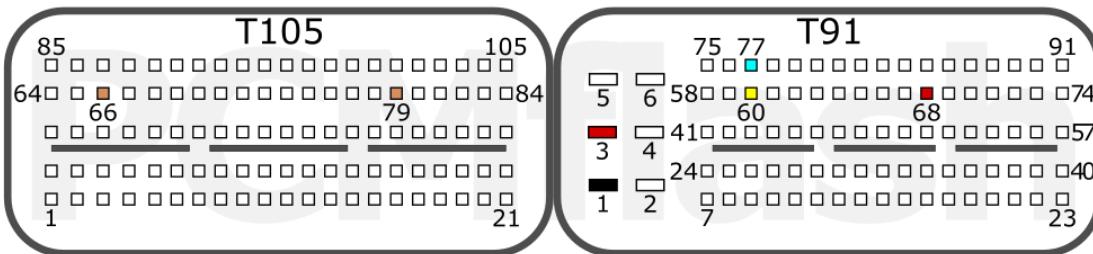


<h1>PCMflash</h1>	Engine Control Unit MEG17.9.8 TC1767
T105 	T91 
+12V GND GPT	T91: 3, 68 T91: 1 T91: 66, 79
	CAN-L CAN-H
	T91: 77 T91: 60
K/H	
pcmflash.ru	v.1 2021-10-15

PCMflash

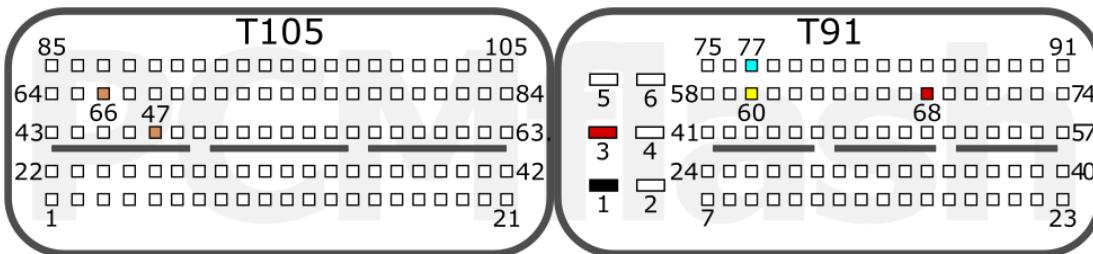
Engine Control Unit
MEDG17.9.8 TC1767

Connection version 1



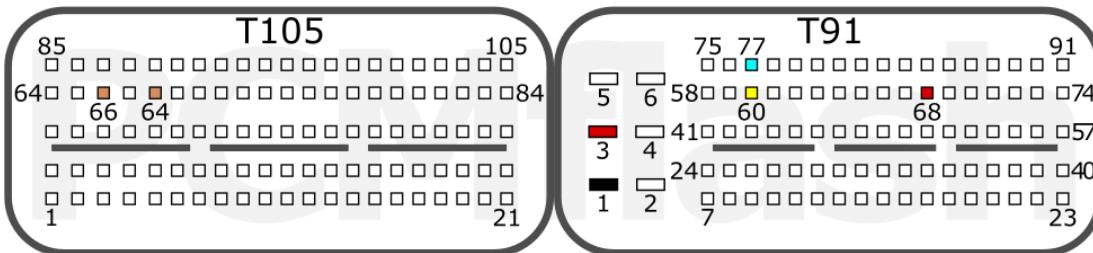
+12V	T91: 3, 68	CAN-L	T91: 77
GND	T91: 1	CAN-H	T91: 60
GPT	T105: 66, 79		

Connection version 2



+12V	T91: 3, 68	CAN-L	T91: 77
GND	T91: 1	CAN-H	T91: 60
GPT	T105: 66, 47		

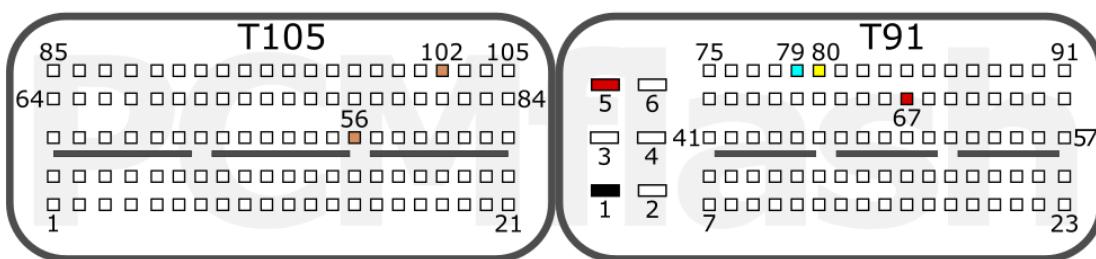
Connection version 3



+12V	T91: 3, 68	CAN-L	T91: 77
GND	T91: 1	CAN-H	T91: 60
GPT	T105: 66, 64		

K/H

PCMflash	Engine Control Unit
	MED17.9.9 TC1793



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

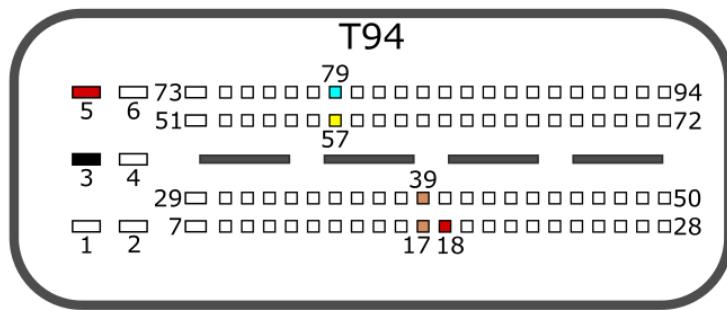
JLR

PCMflash

Engine Control Unit

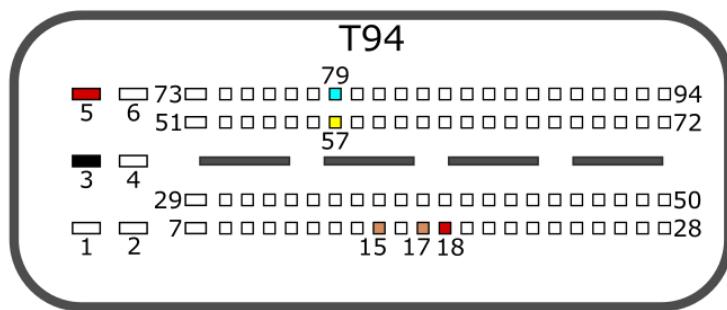
ME17.9.11 TC1762

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		

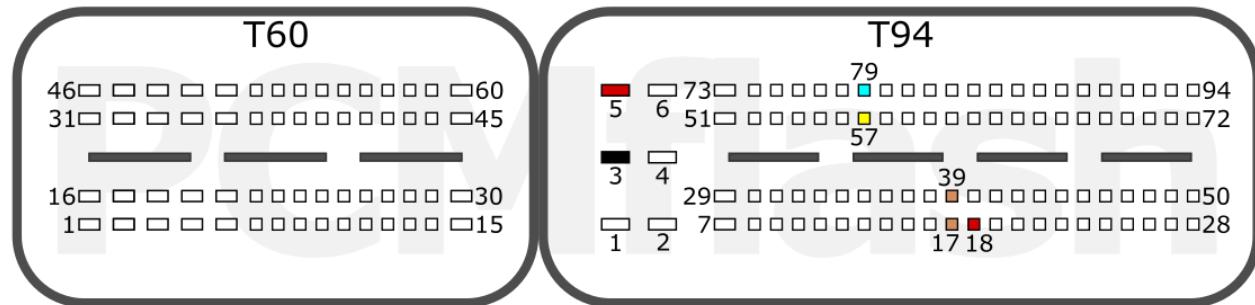
K/H

PCMflash

Engine Control Unit

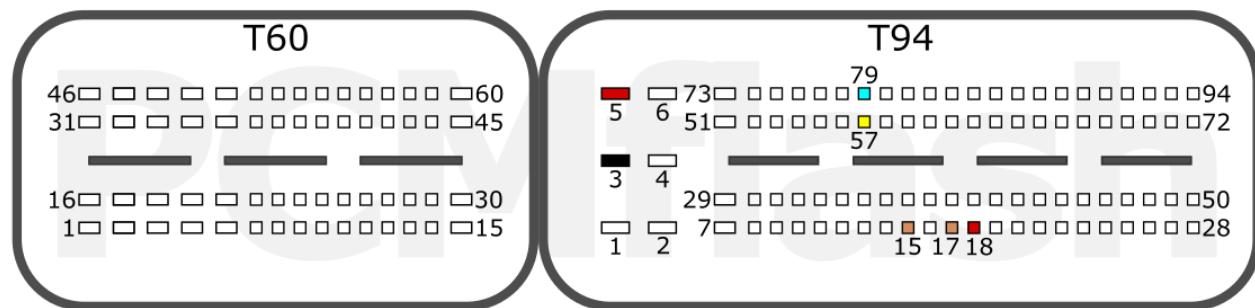
MEG17.9.12/17.9.13 TC1762

Connection version 1



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

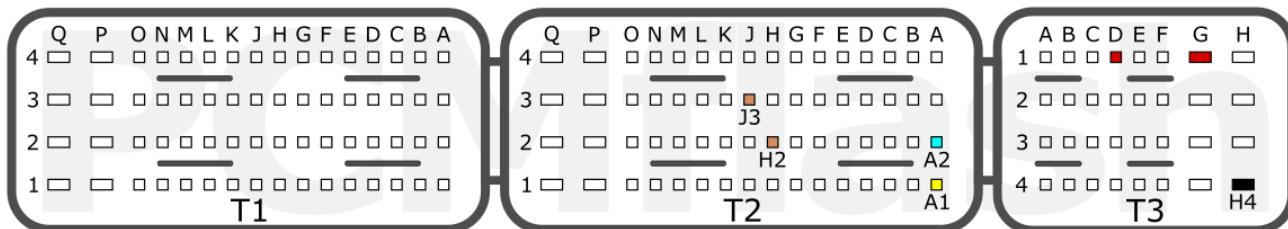
Connection version 2



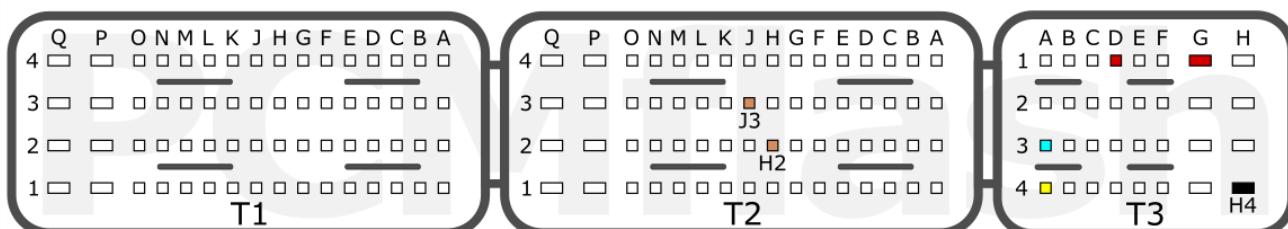
+12V	T94: 5, 18	CAN-L	T94: 79
GND	T94: 3	CAN-H	T94: 57
GPT	T94: 17, 15		

K/H

PCMflash	Engine Control Unit ME17.9.20 TC1782
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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		

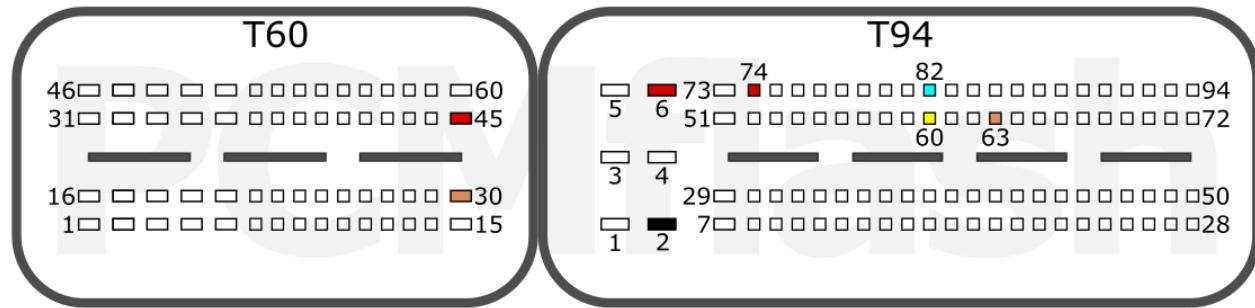
BRABUS	RENAULT	SMART
pcmflash.ru	v.1	2021-10-31

PCMflash

Engine Control Unit

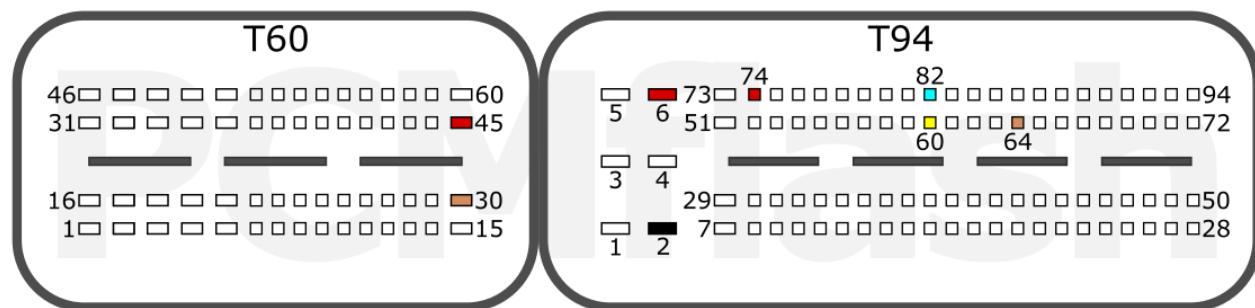
MEG17.9.21 TC1724

Connection version 1



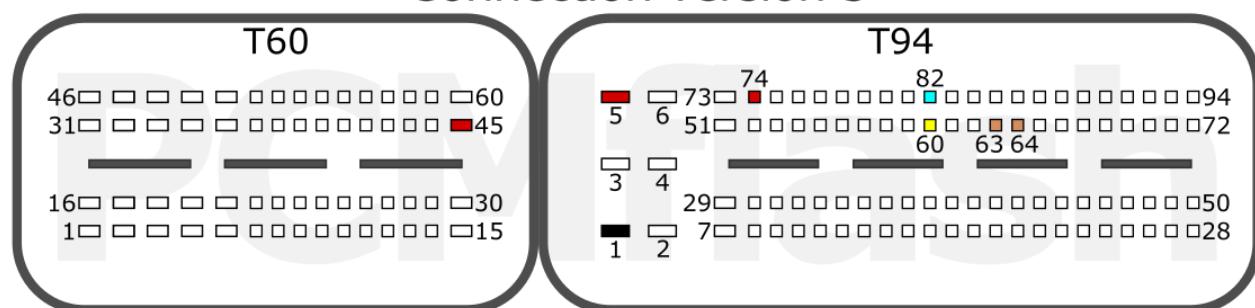
+12V	T60: 45, T94: 6, 74	CAN-L	T94: 82
GND	T94: 2	CAN-H	T94: 60
GPT	T60: 30, T94: 63		

Connection version 2



+12V	T60: 45, T94: 6, 74	CAN-L	T94: 82
GND	T94: 2	CAN-H	T94: 60
GPT	T60: 30, T94: 64		

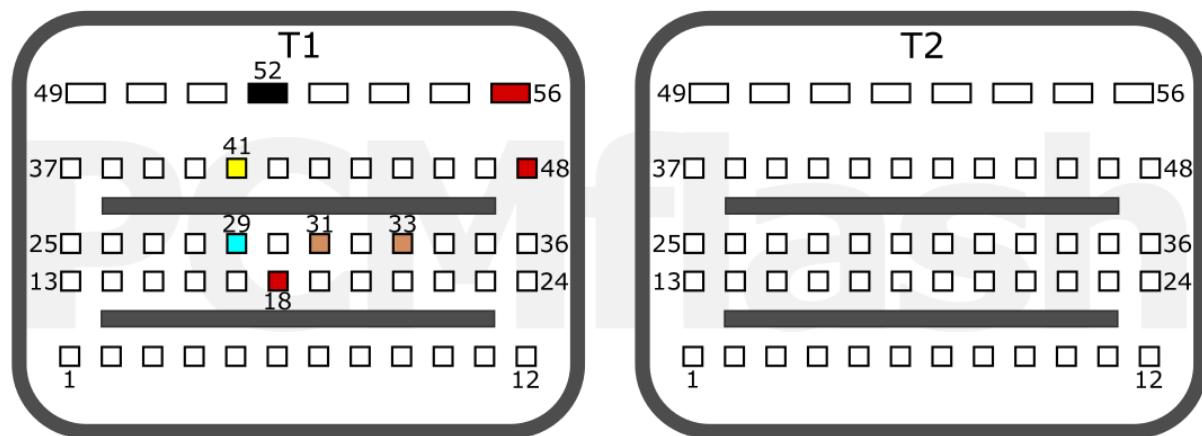
Connection version 3



+12V	T60: 45, T94: 5, 74	CAN-L	T94: 82
GND	T94: 1	CAN-H	T94: 60
GPT	T94: 63, 64		

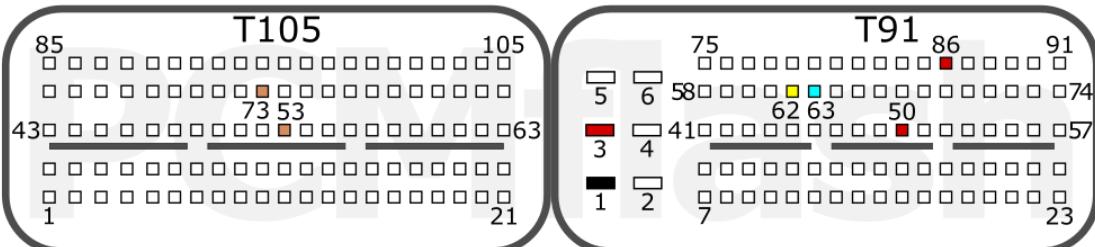
K/H

PCMflash	Engine Control Unit
	ME17.9.21.1 TC1724

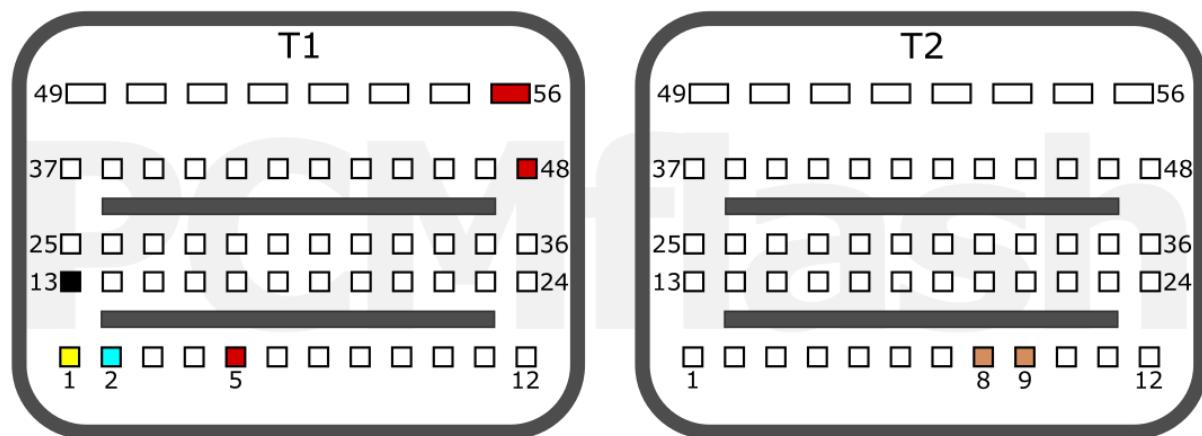


+12V	T1: 56, 48, 18	CAN-L	T1: 29
GND	T1: 52	CAN-H	T1: 41
GPT	T1: 31, 33		

K/H

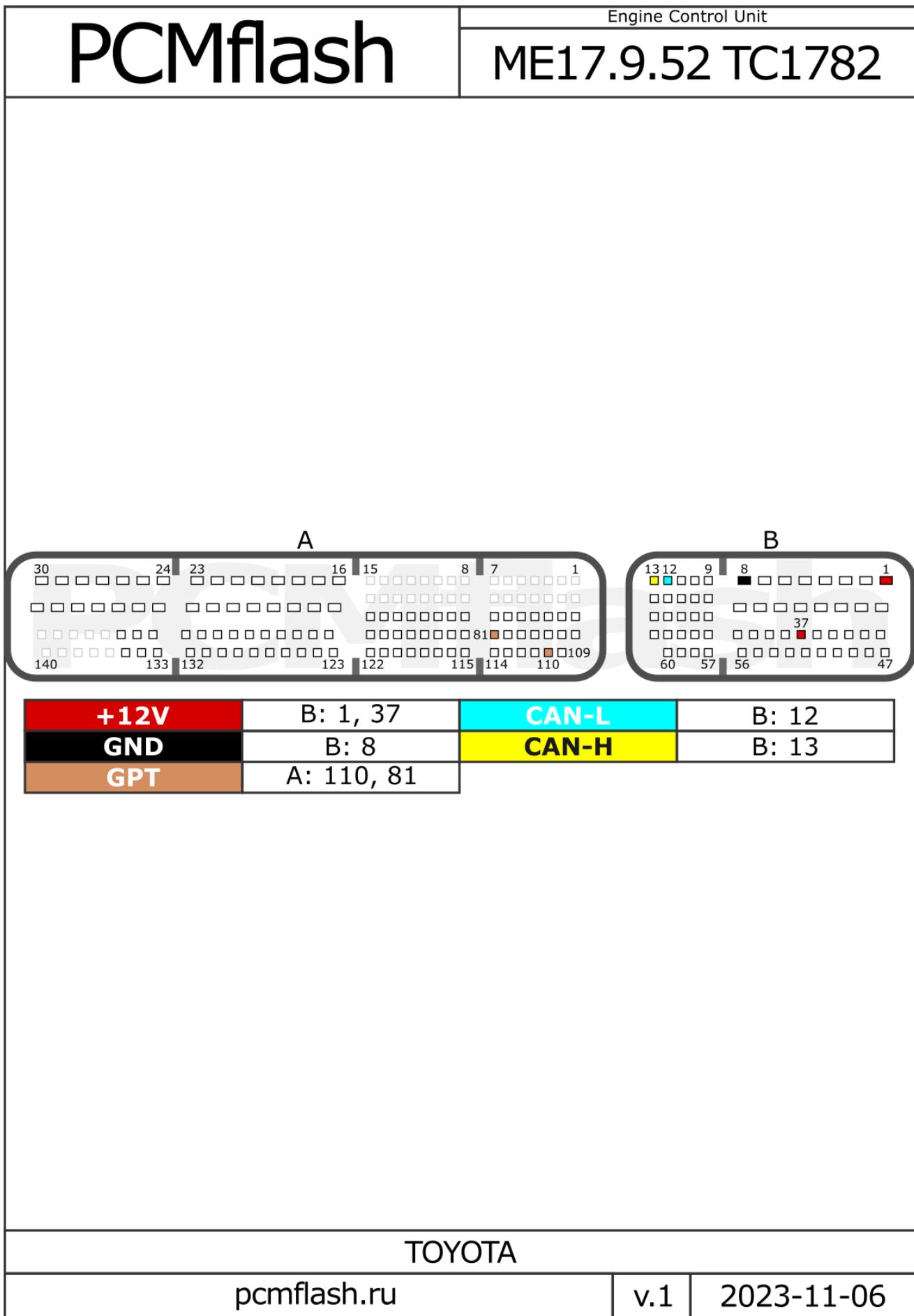
<h1>PCMflash</h1>	Engine Control Unit MED17.9.30 TC1793												
													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="color: red; padding: 2px;">+12V</td> <td style="padding: 2px;">T91: 3, 50, 86</td> <td style="color: cyan; padding: 2px;">CAN-L</td> <td style="padding: 2px;">T91: 63</td> </tr> <tr> <td style="color: black; padding: 2px;">GND</td> <td style="padding: 2px;">T91: 1</td> <td style="color: yellow; padding: 2px;">CAN-H</td> <td style="padding: 2px;">T91: 62</td> </tr> <tr> <td style="color: brown; padding: 2px;">GPT</td> <td style="padding: 2px;">T105: 73, 53</td> <td></td> <td></td> </tr> </table>	+12V	T91: 3, 50, 86	CAN-L	T91: 63	GND	T91: 1	CAN-H	T91: 62	GPT	T105: 73, 53			
+12V	T91: 3, 50, 86	CAN-L	T91: 63										
GND	T91: 1	CAN-H	T91: 62										
GPT	T105: 73, 53												
K/H													
pcmflash.ru	v.1	2024-03-06											

PCMflash	Engine Control Unit
	ME17.9.51 TC1762

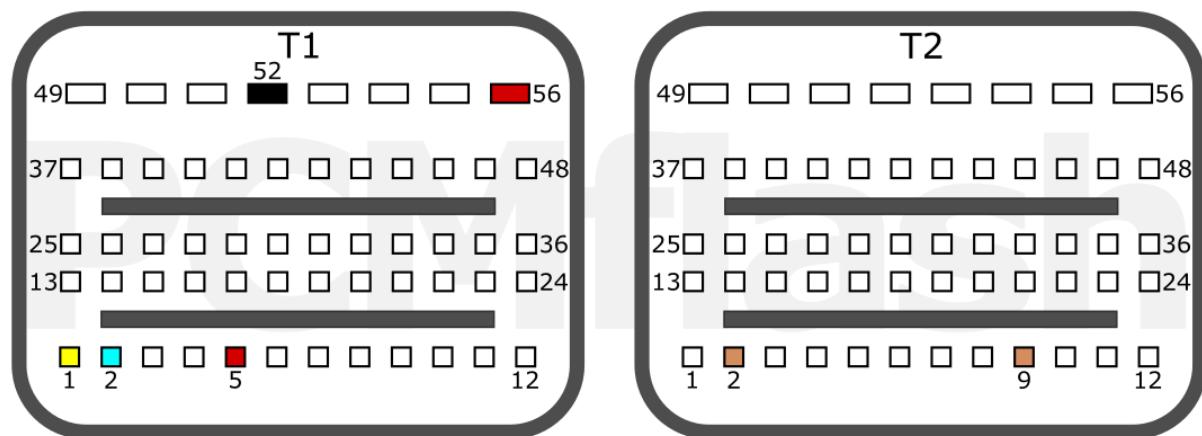


+12V	T1: 56, 48, 5	CAN-L	T1: 2
GND	T1: 13	CAN-H	T1: 1
GPT	T2: 9, 8		

SUZUKI



PCMflash	Engine Control Unit
	ME17.9.55 TC1724



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

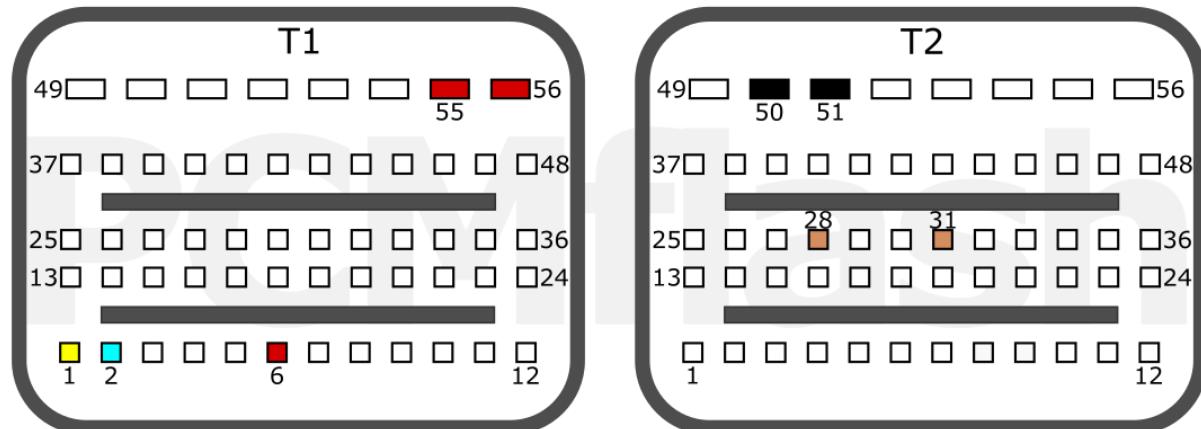
HONDA	PERODUA
pcmflash.ru	v.1 2022-09-01

PCMflash

Engine Control Unit

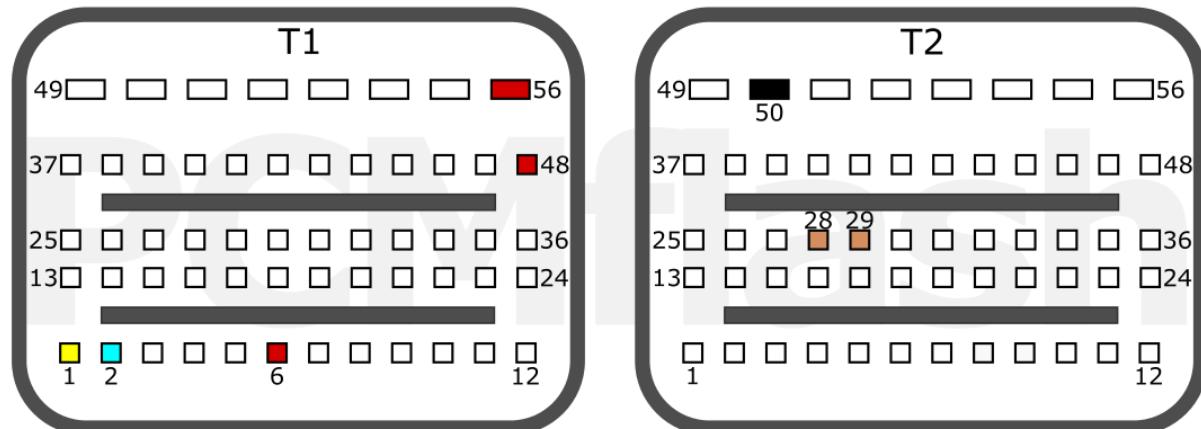
ME17.9.61 TC1724

Connection version 1



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

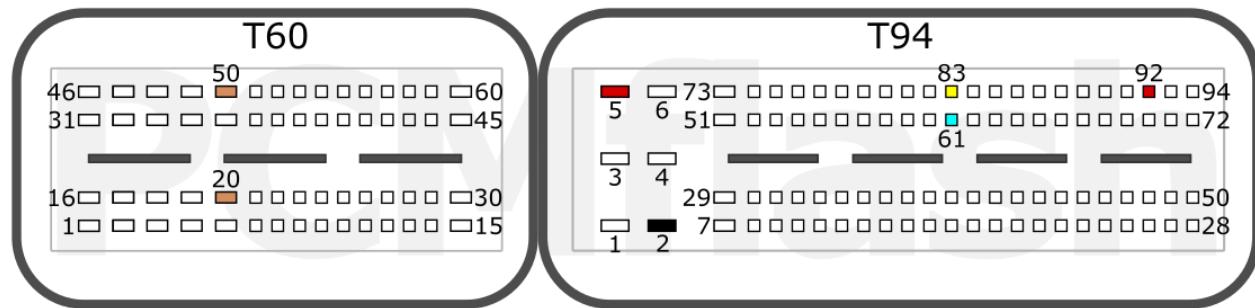
Connection version 2



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

SUZUKI

PCMflash	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

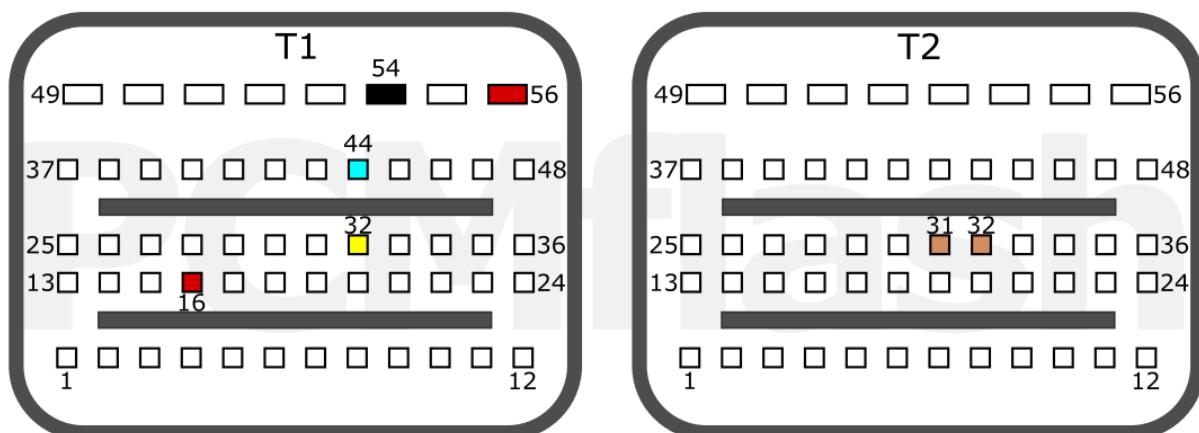
PCMflash	Engine Control Unit
	ME17.9.64 TC1724



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

SUZUKI

PCMflash	Engine Control Unit
	ME17.9.71 TC1724

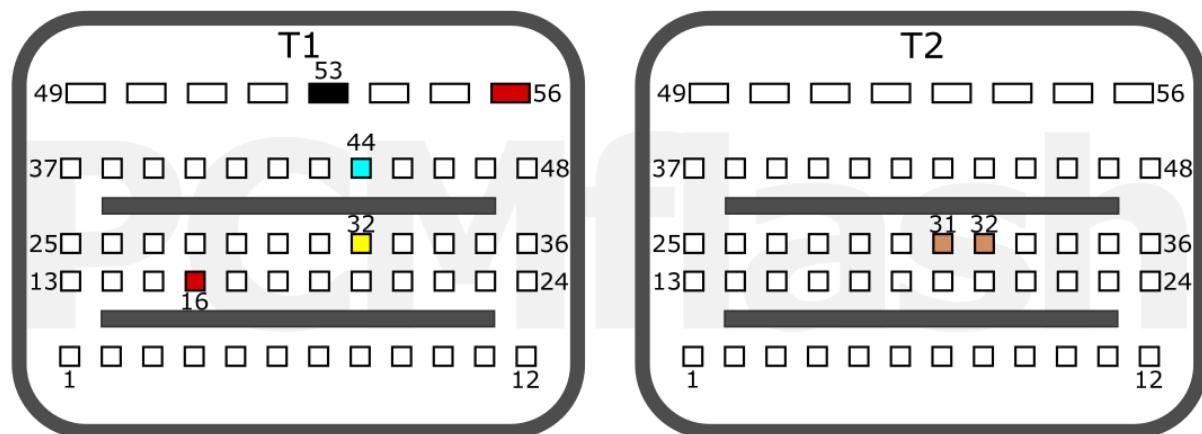


+12V	T1: 56, 16	CAN-L	T1: 44
GND	T1: 54	CAN-H	T1: 32
GPT	T2: 31, 32		

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

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

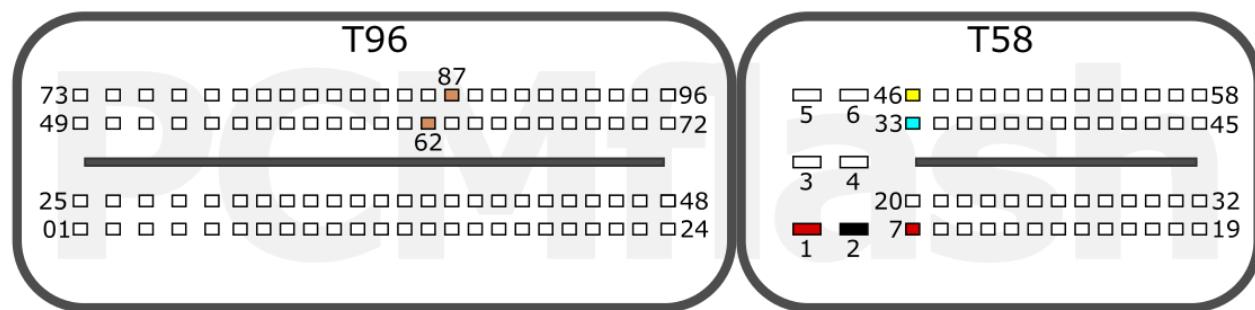
PCMflash	Engine Control Unit
	ME17.9.74 TC1762



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

POLARIS

PCMflash	Engine Control Unit
	EDC17C06 TC1766



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

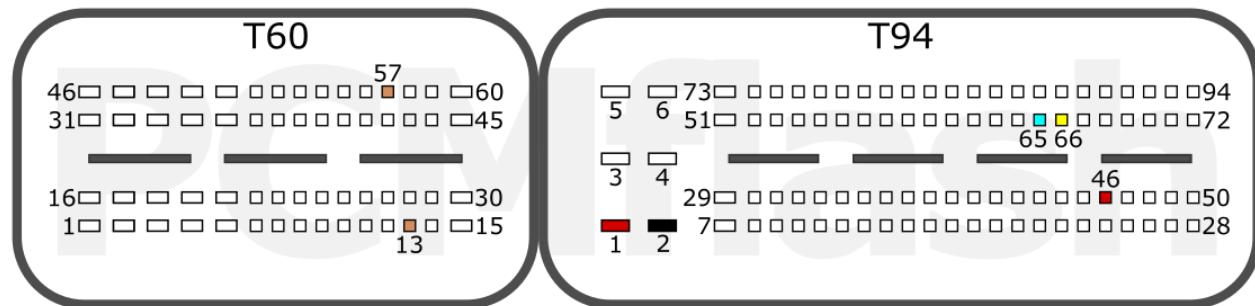
BMW

PCMflash

Engine Control Unit

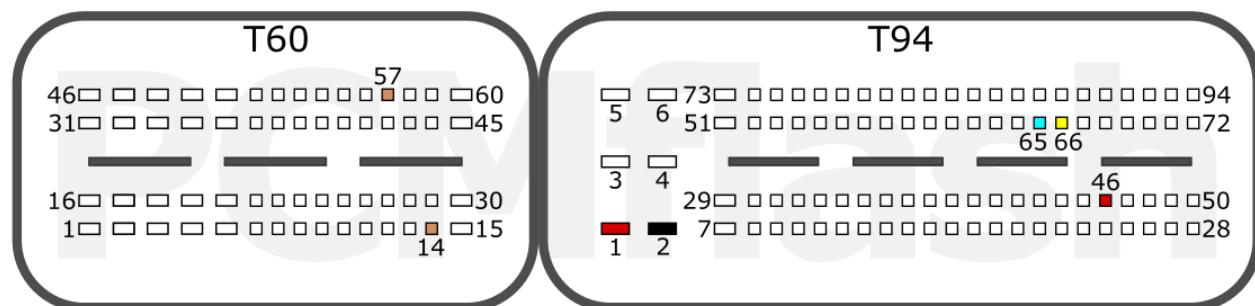
EDC17C08 TC1766

Connection version 1



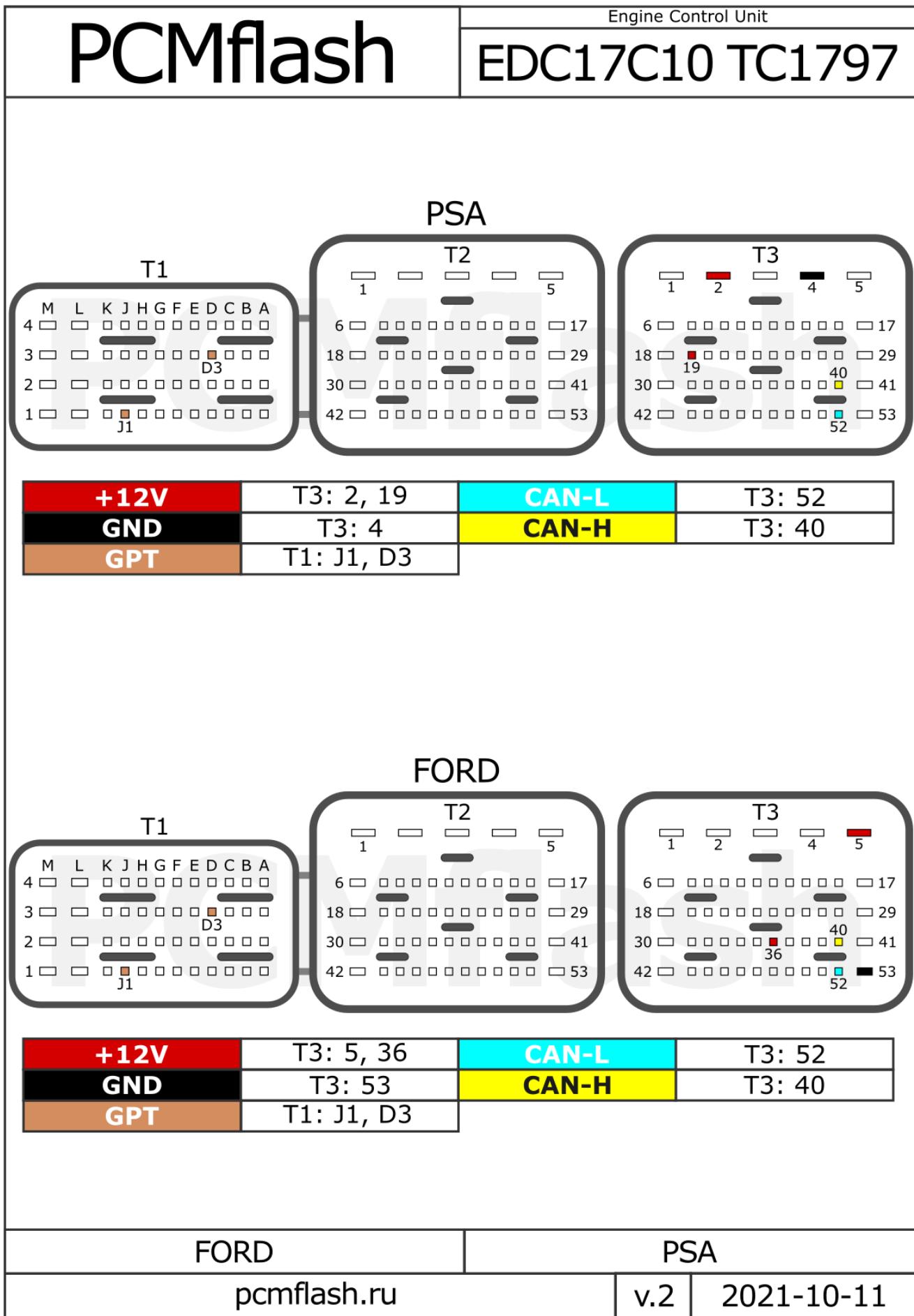
+12V	T94: 1, 46	CAN-L	T94: 65
GND	T94: 2	CAN-H	T94: 66
GPT	T60: 13, 57		

Connection version 2



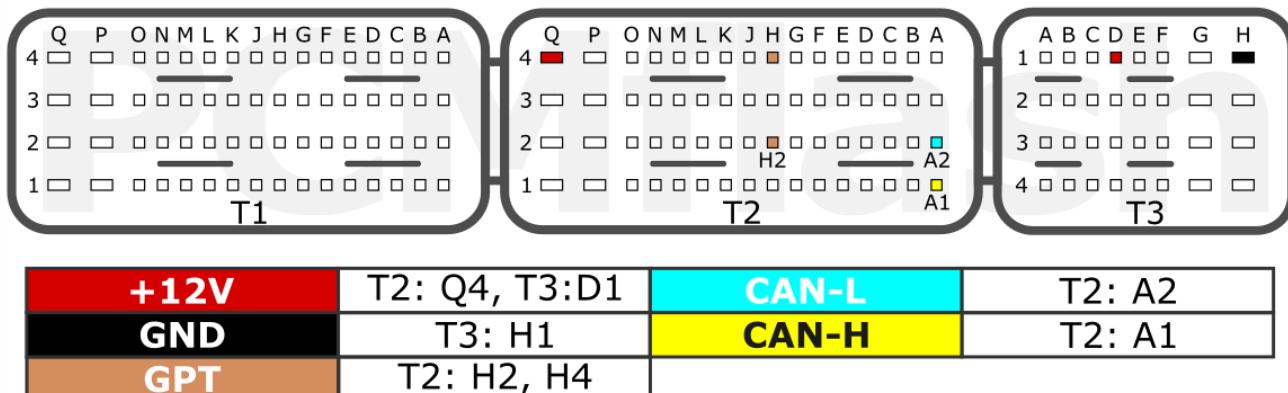
+12V	T94: 1, 46	CAN-L	T94: 65
GND	T94: 2	CAN-H	T94: 66
GPT	T60: 14, 57		

K/H

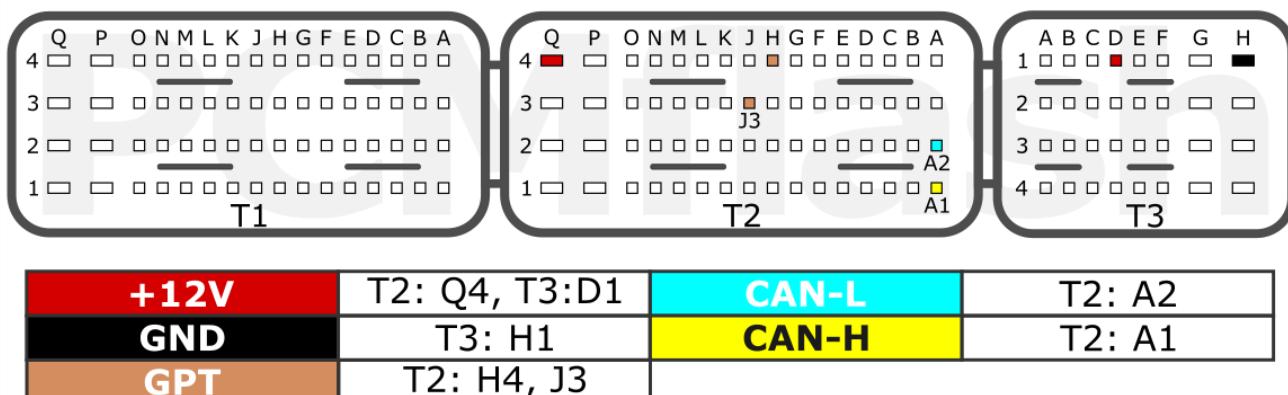


PCMflash	Engine Control Unit
	EDC17C11 TC1766

Connection version 1

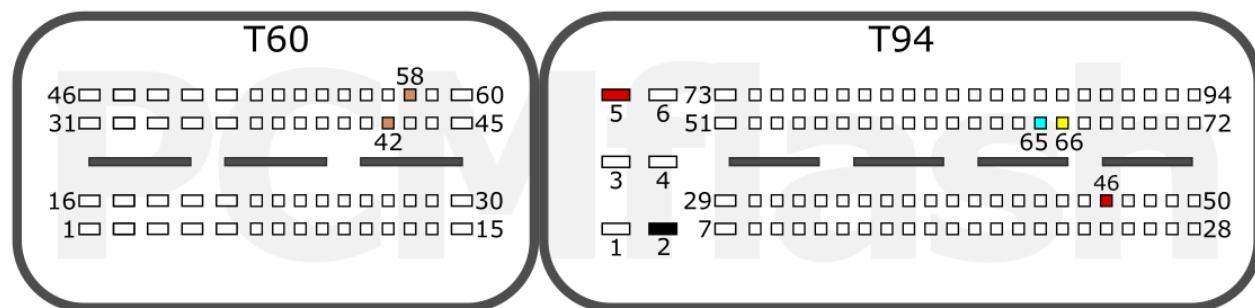


Connection version 2



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

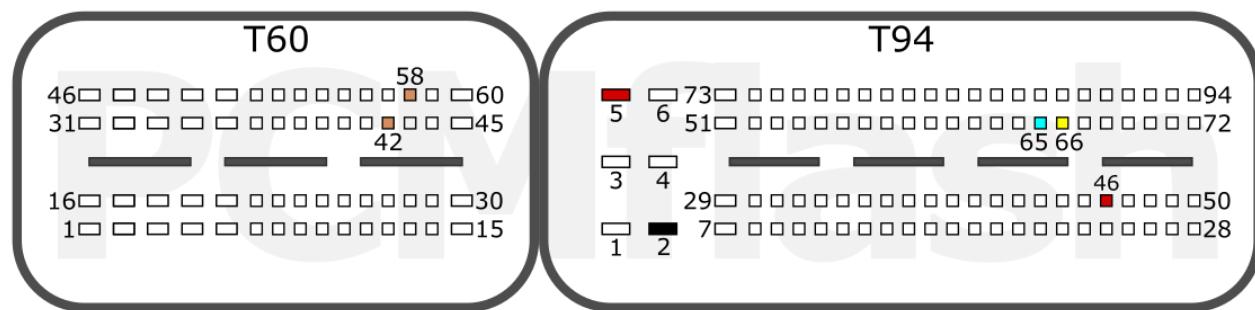
PCMflash	Engine Control Unit EDC17C18 TC1766
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+12V	T94: 5, 46	CAN-L	T94: 65
GND	T94: 2	CAN-H	T94: 66
GPT	T60: 42, 58		

OPEL

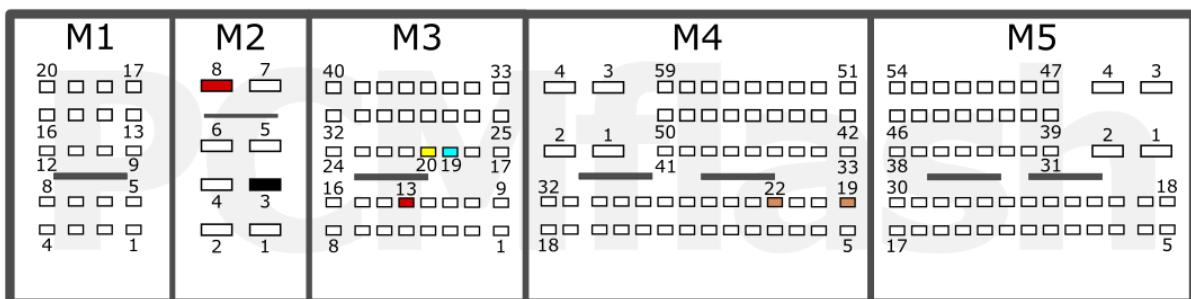
PCMflash	Engine Control Unit EDC17C19 TC1792
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+12V	T94: 5, 46	CAN-L	T94: 65
GND	T94: 2	CAN-H	T94: 66
GPT	T60: 42, 58		

OPEL

PCMflash	Engine Control Unit EDC17C41 TC1797
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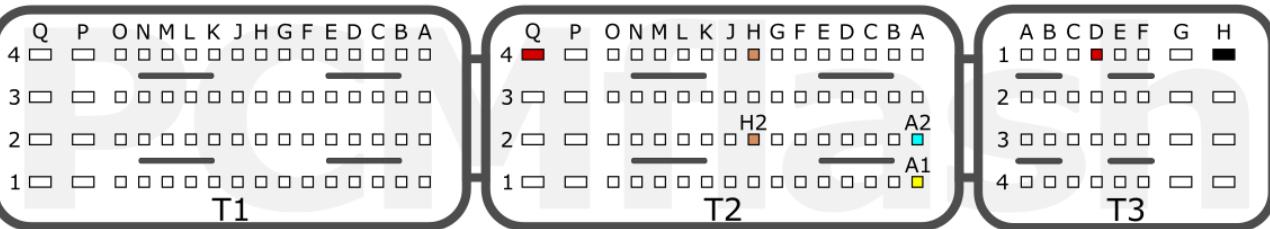
+12V	M2: 8; M3: 13	CAN-L	M3: 19
GND	M2: 3	CAN-H	M3: 20
GPT	M4: 22, 19		

BMW

PCMflash

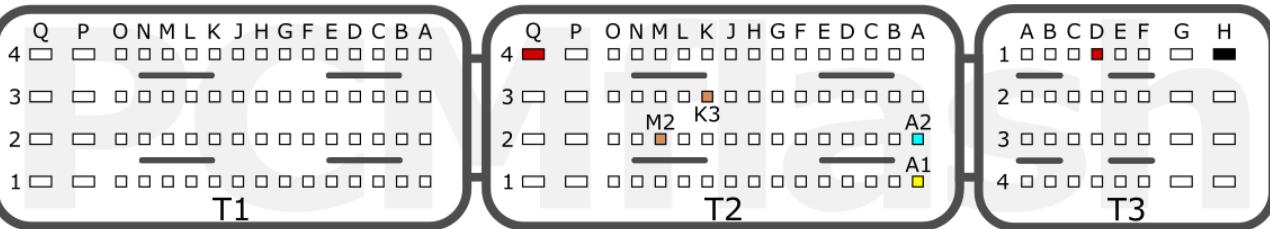
Engine Control Unit
EDC17C42 TC1767

Connection version 1



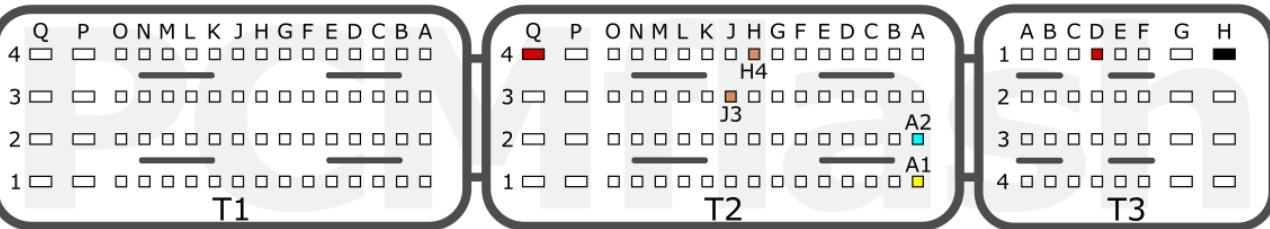
+12V	T2: Q4, T3:D1	CAN-L	T2: A2
GND	T3: H1	CAN-H	T2: A1
GPT	T2: H2, H4		

Connection version 2



+12V	T2: Q4, T3:D1	CAN-L	T2: A2
GND	T3: H1	CAN-H	T2: A1
GPT	T2: M2, K3		

Connection version 3



+12V	T2: Q4, T3:D1	CAN-L	T2: A2
GND	T3: H1	CAN-H	T2: A1
GPT	T2: H4, J3		

RENAULT

PCMflash	Engine Control Unit EDC17C43 TC1797
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+12V	T58: 1, 15	CAN-L	T58: 54
GND	T58: 4	CAN-H	T58: 41
GPT	T96: 39, 67		

MB

PCMflash

Engine Control Unit

EDC17C45 TC1767



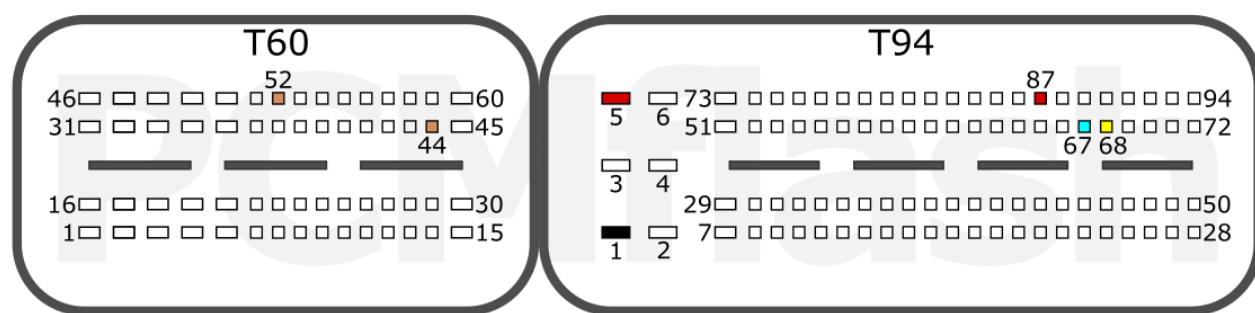
+12V	T58: 5, 56, 19	CAN-L	T58: 50
GND	T58: 2	CAN-H	T58: 49
GPT	T96: 67, T58:11		

NISSAN

PCMflash

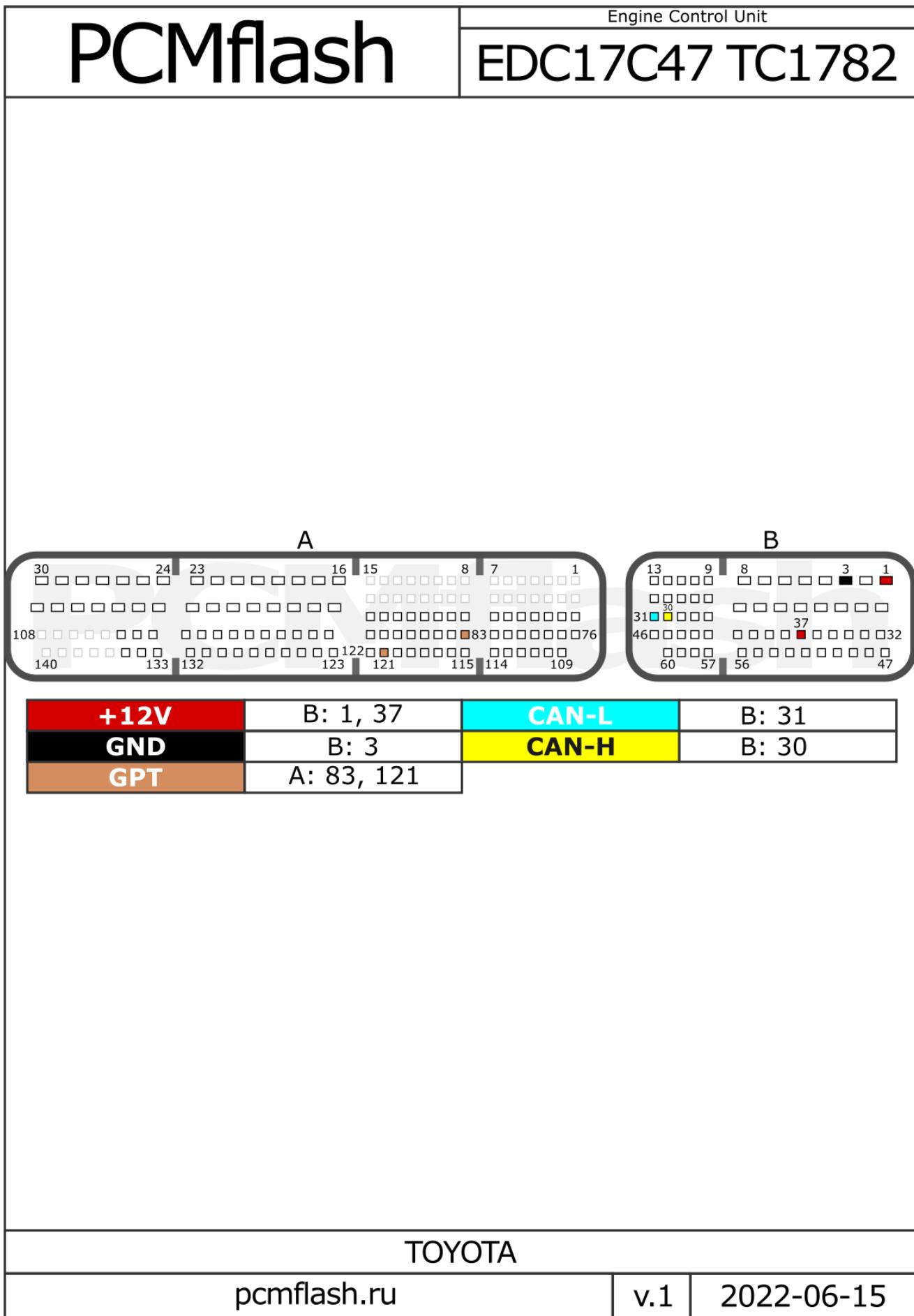
Engine Control Unit

EDC17C46 TC1767



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

VAG



PCMflash		Engine Control Unit EDC17C49 TC1797	
Connection version 1			
T60		T94	
+12V	T94: 3, 54	CAN-L	T94: 47
GND	T94: 2	CAN-H	T94: 46
GPT	T60: 14, 59		
Connection version 2			
T60		T94	
+12V	T94: 5, 54	CAN-L	T94: 25
GND	T60: 44, T94: 2	CAN-H	T94: 24
GPT	T60: 14, 59*		
*10-47 uF 50v capacitor required on 59 GPT line / Подключить сигнал 59 GPT к ЭБУ через конденсатор 10-47 мкФ			
Connection version 3			
T60		T94	
+12V	T94: 5, 54	CAN-L	T94: 45
GND	T94: 2	CAN-H	T94: 23
GPT	T60: 59, 14		
FIAT	JEEP	IVECO	OPEL
pcmflash.ru		v.3	2023-03-27

PCMflash	Engine Control Unit EDC17C50 TC1797
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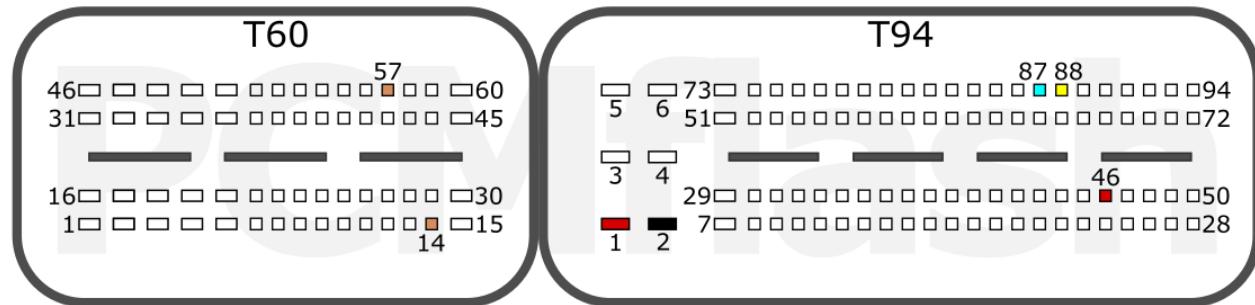


+12V	T58: 1, 18	CAN-L	T58: 55
GND	T58: 2	CAN-H	T58: 56
GPT	T96: 89, 92		

BMW

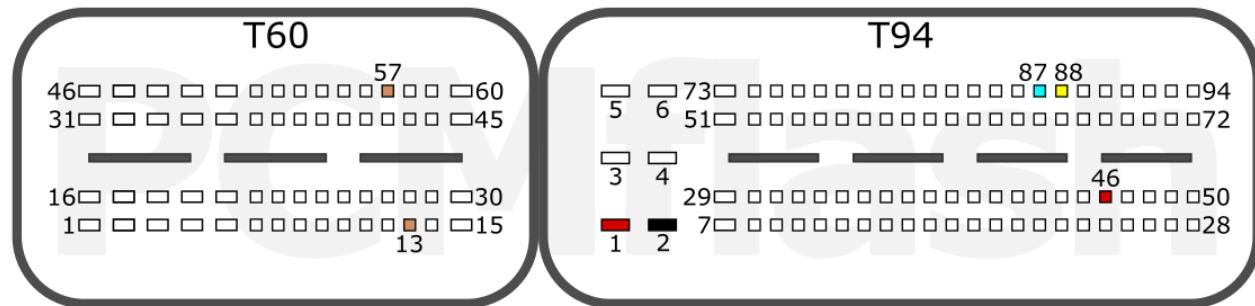
PCMflash	Engine Control Unit
	EDC17C53 TC1767

Connection version 1



+12V	T94: 1, 46	CAN-L	T94: 87
GND	T94: 2	CAN-H	T94: 88
GPT	T60: 14, 57		

Connection version 2



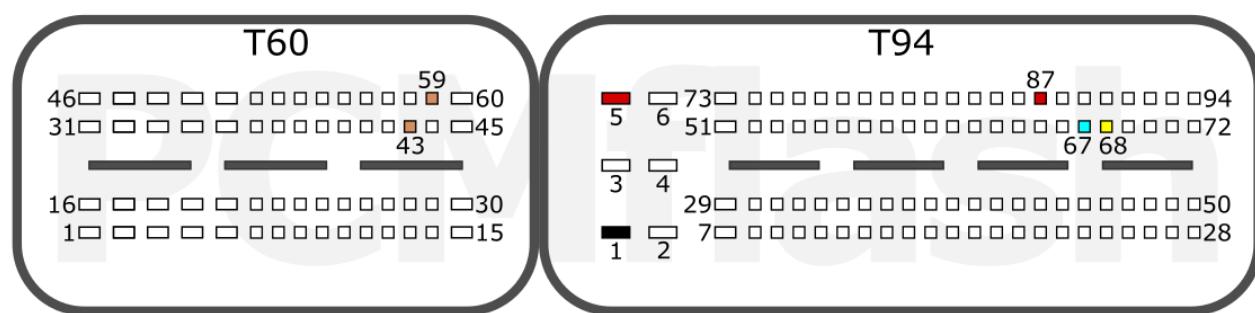
+12V	T94: 1, 46	CAN-L	T94: 87
GND	T94: 2	CAN-H	T94: 88
GPT	T60: 13, 57		

HAVAL	JAC	K/H
pcmflash.ru	v.2	2022-12-20

PCMflash

Engine Control Unit

EDC17C54 TC1797



+12V	T94: 5, 87	CAN-L	T94: 67
GND	T94: 1	CAN-H	T94: 68
GPT	T60: 43, 59		

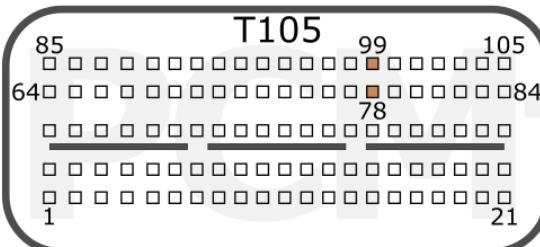
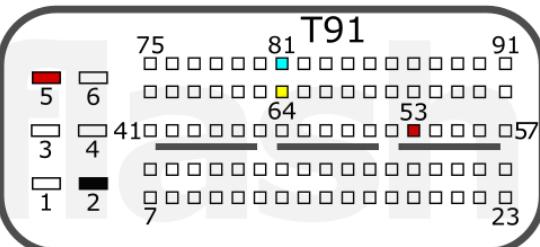
VAG

PCMflash	Engine Control Unit EDC17C56 TC1797
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+12V	T58: 1, 18	CAN-L	T58: 55
GND	T58: 2	CAN-H	T58: 56
GPT	T96: 92, 89		

BMW

PCMflash	Engine Control Unit EDC17C57 TC1793	
		
+12V	T91: 5, 53	CAN-L
GND	T91: 2	CAN-H
GPT	T105: 99, 78	T91: 81
	K/H	
pcmflash.ru	v.1	2021-08-26

PCMflash	Engine Control Unit
	EDC17C58 TC1793



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

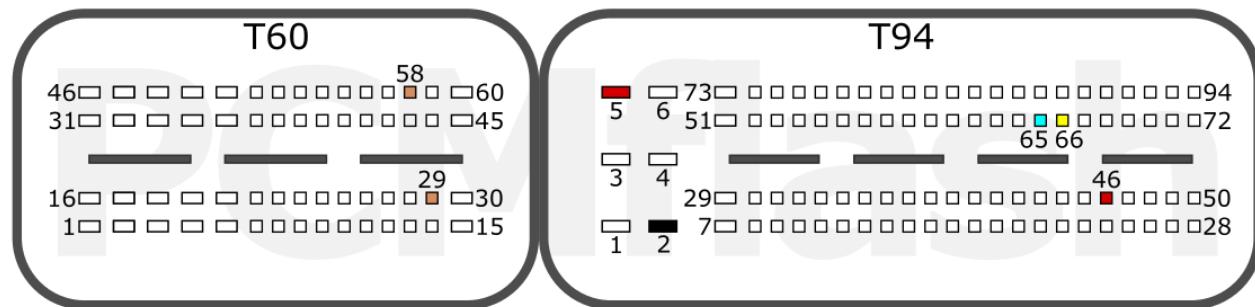
HONDA

PCMflash

Engine Control Unit

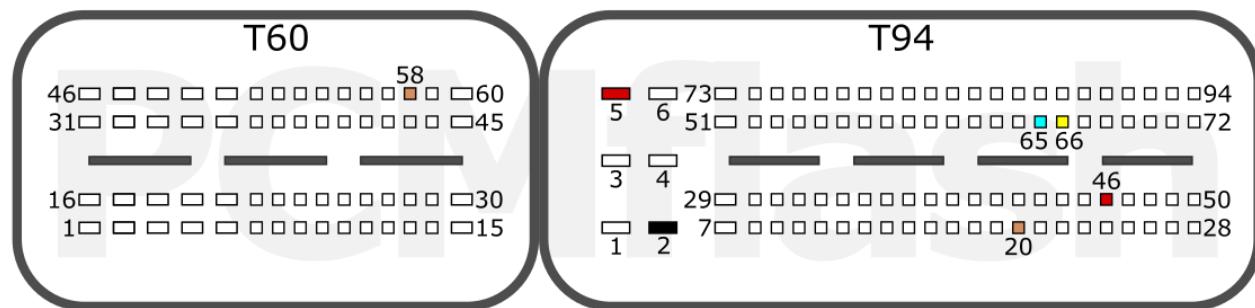
EDC17C59 TC1767

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



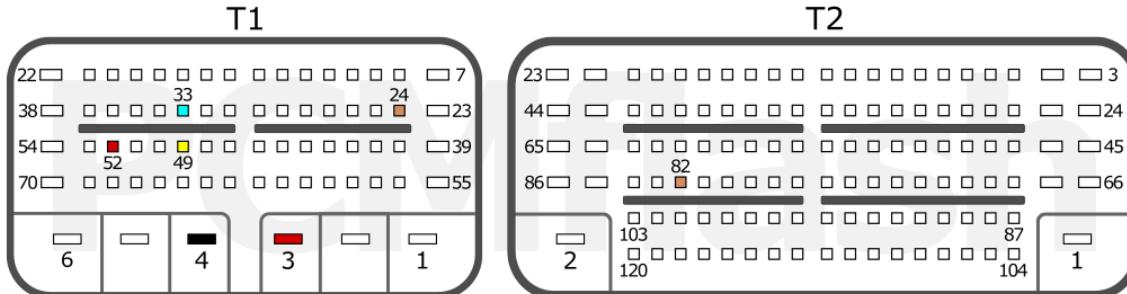
+12V	T94: 5, 46	CAN-L	T94: 65
GND	T94: 2	CAN-H	T94: 66
GPT	T60: 58, T94: 20		

OPEL

PCMflash

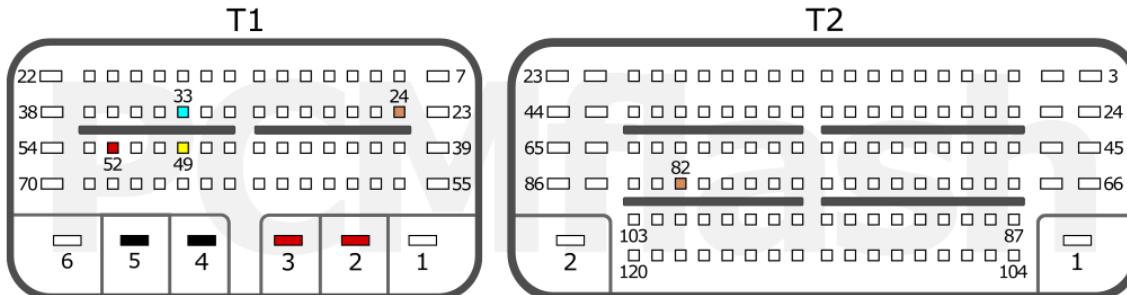
Engine Control Unit
EDC17C60 TC1793

Connection version 1



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

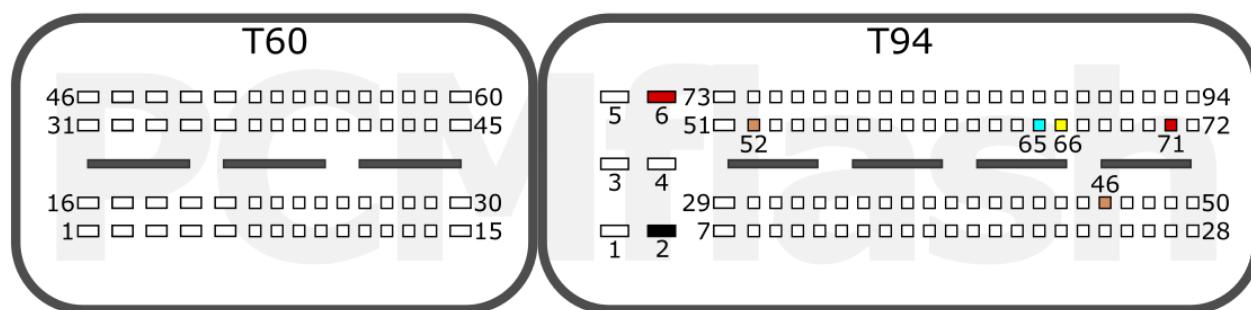
Connection version 2



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

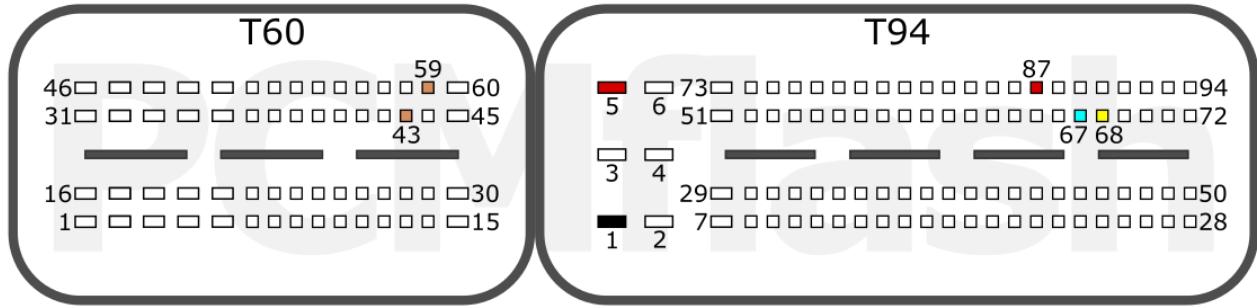
PSA

PCMflash	Engine Control Unit EDC17C63 TC1724
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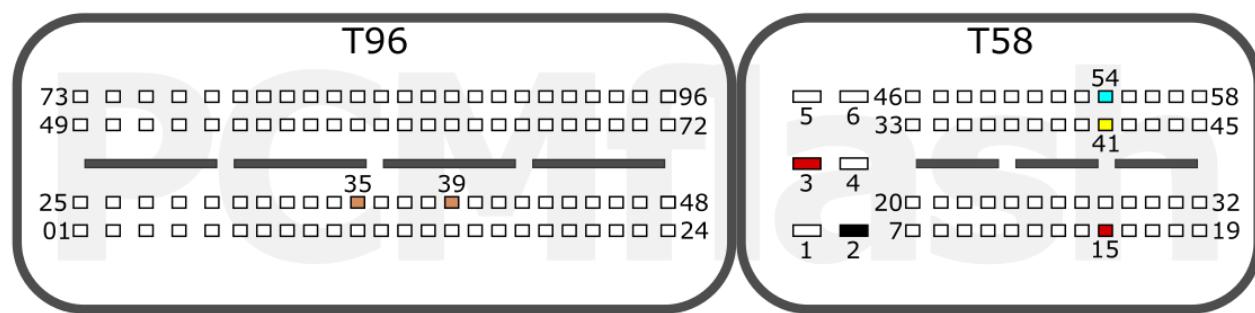


+12V	T94: 6, 71	CAN-L	T94: 65
GND	T94: 2	CAN-H	T94: 66
GPT	T94: 46, 52		

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	

PCMflash	Engine Control Unit EDC17C66 TC1793
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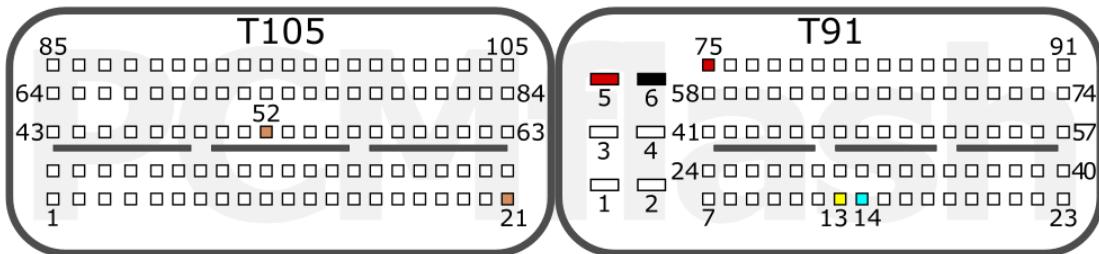
+12V	T58: 3, 15	CAN-L	T58: 54
GND	T58: 2	CAN-H	T58: 41
GPT	T96: 35, 39		

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

PCMflash

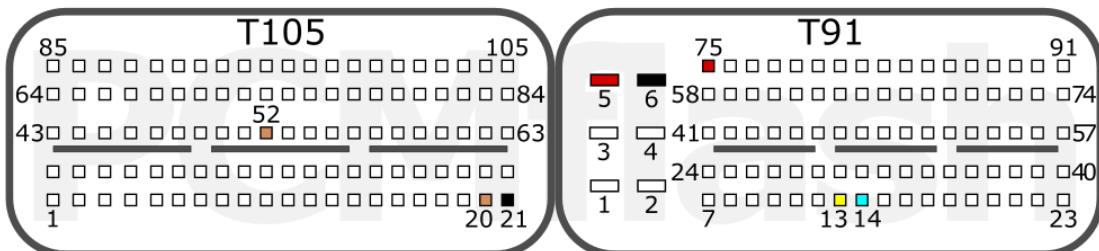
Engine Control Unit
EDC17C69 TC1793

Connection version 1



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

Connection version 2



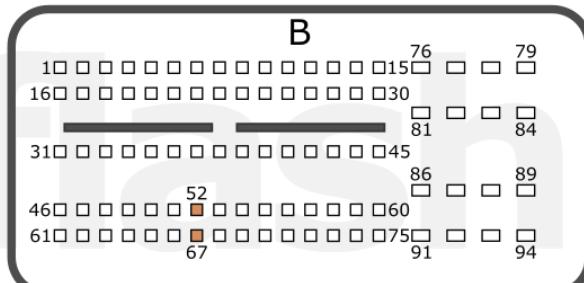
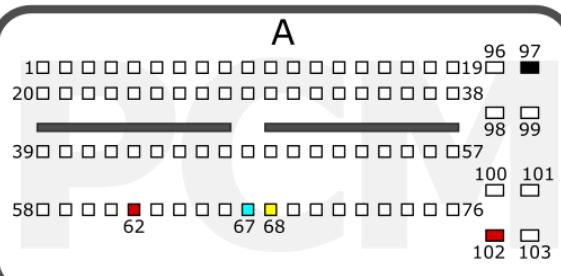
+12V	T91: 5, 75	CAN-L	T91: 14
GND	T105: 21, T91: 6	CAN-H	T91: 13
GPT	T105: 52, 20*		

*Install 10uF capacitor on 20 GPT line

JEEP

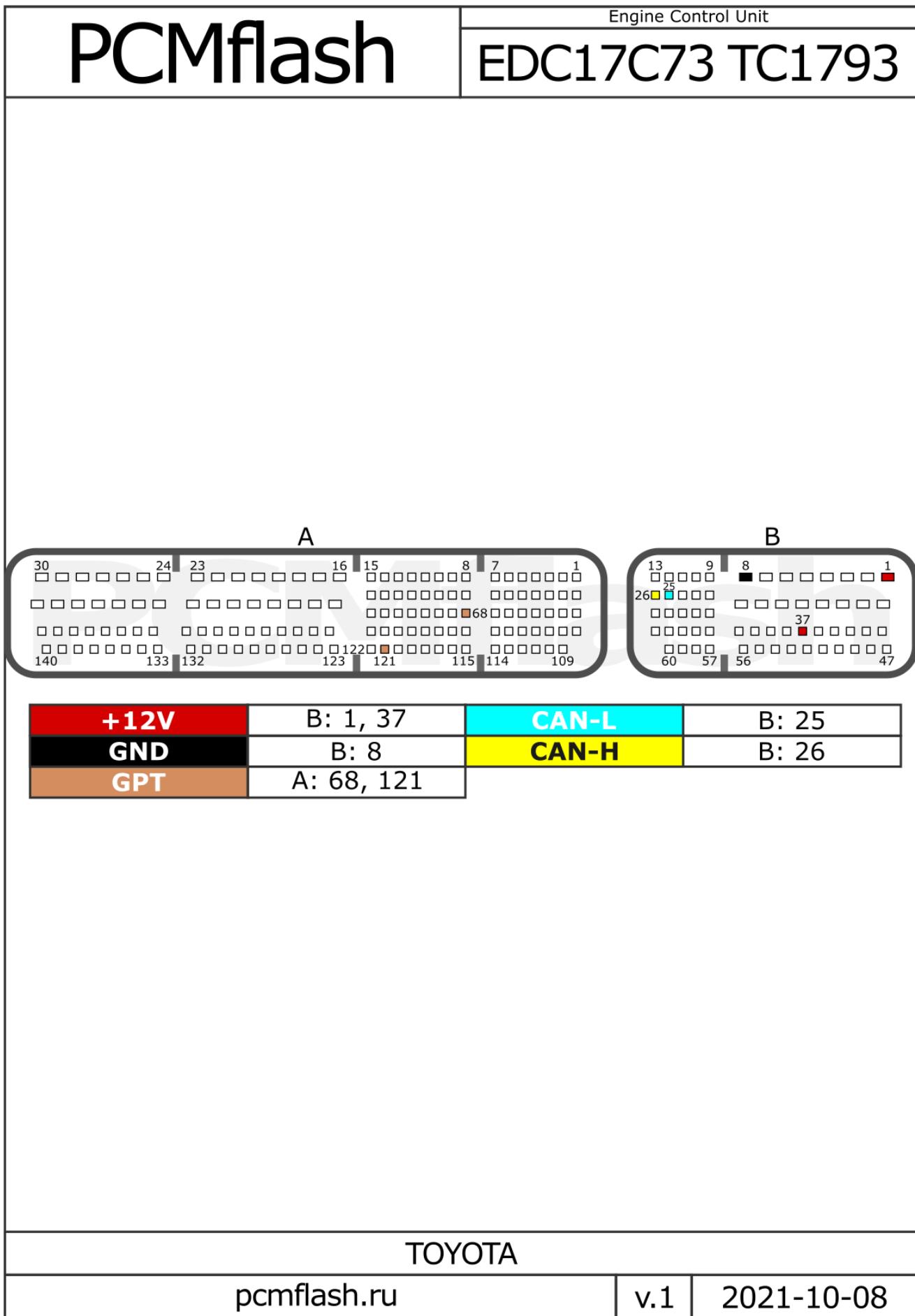
IVECO

PCMflash	Engine Control Unit
	EDC17C70 TC1793



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

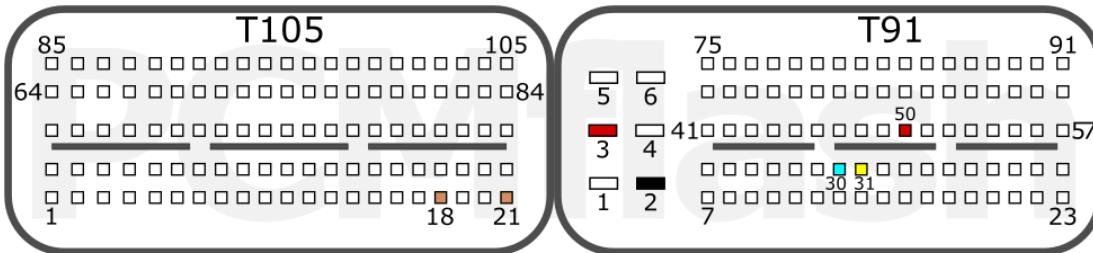
FORD



PCMflash

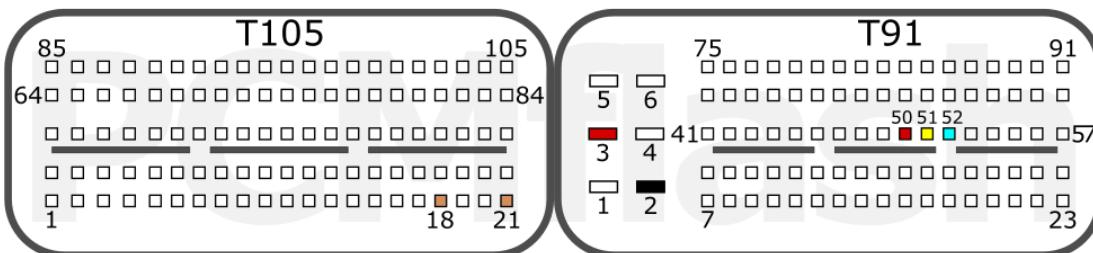
Engine Control Unit
EDC17C74 TC1793

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		

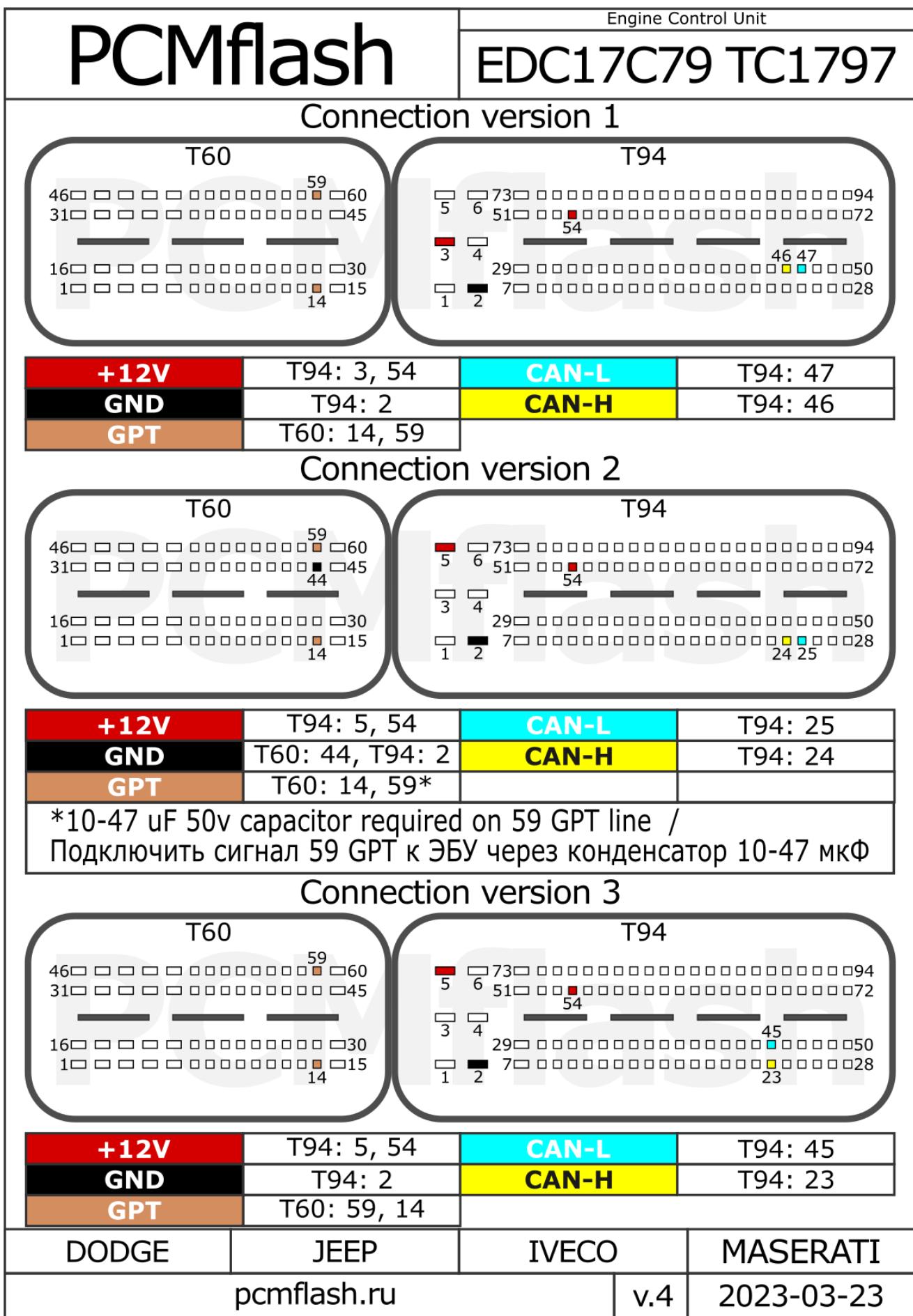
VAG

PCMflash	Engine Control Unit
	EDC17C76 TC1793



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

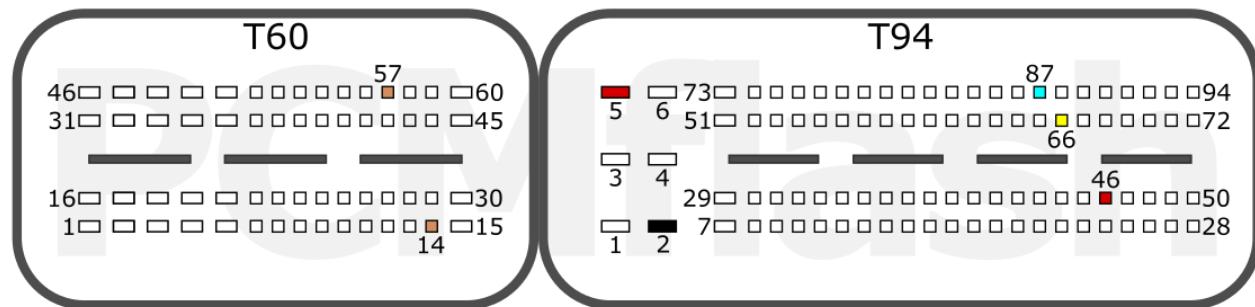
BMW



PCMflash

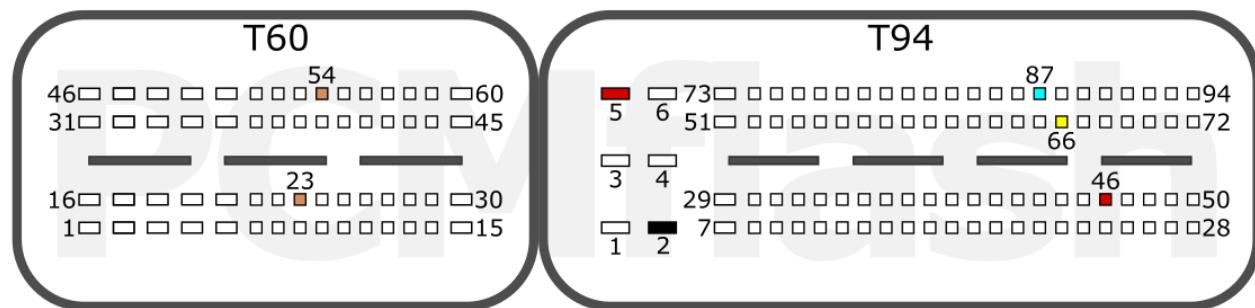
Engine Control Unit
EDC17C81 TC1782

Connection version 1



+12V	T94: 5, 46	CAN-L	T94: 87
GND	T94: 2	CAN-H	T94: 66
GPT	T60: 14, 57		

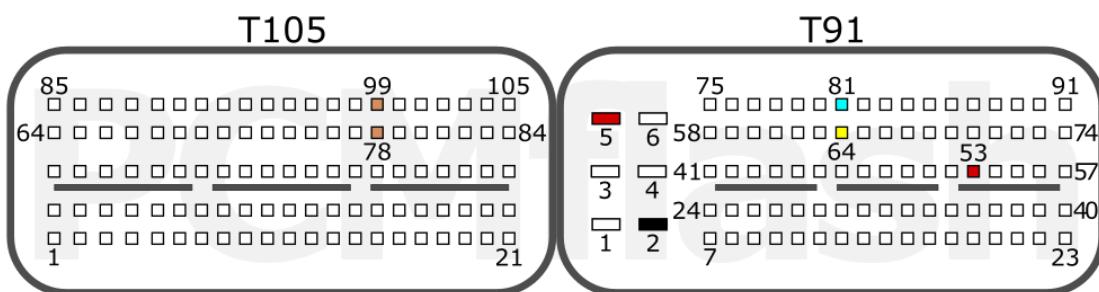
Connection version 2



+12V	T94: 5, 46	CAN-L	T94: 87
GND	T94: 2	CAN-H	T94: 66
GPT	T60: 23, 54		

TRUCKS

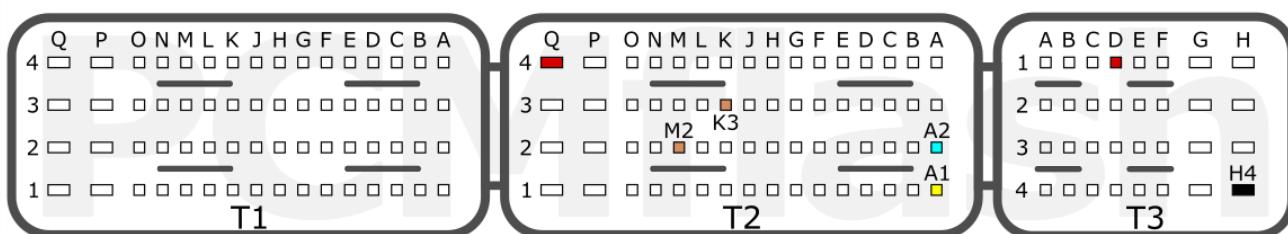
PCMflash	Engine Control Unit EDC17C83 TC1793
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+12V	T91: 5, 53	CAN-L	T91: 81
GND	T91: 2	CAN-H	T91: 64
GPT	T105: 78, 99		

ISUZU

PCMflash	Engine Control Unit EDC17C84 TC1782
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+12V	T2: Q4, T3: D1	CAN-L	T2: A2
GND	T3: H4	CAN-H	T2: A1
GPT	T2: M2, K3		

NISSAN	OPEL	RENAULT
pcmflash.ru	v.1	2021-10-15

PCMflash

Engine Control Unit

EDC17CP01 TC1796



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

MB

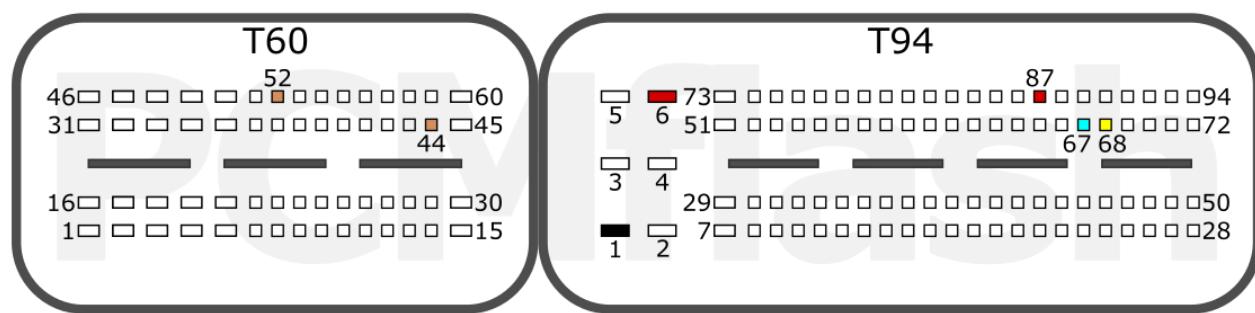
PCMflash	Engine Control Unit
	EDC17CP02 TC1766



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

BMW

PCMflash	Engine Control Unit
	EDC17CP04 TC1796



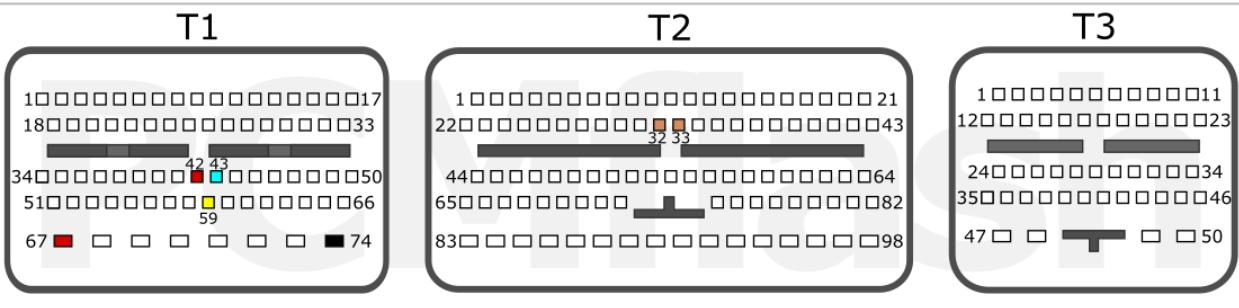
+12V	T94: 6, 87	CAN-L	T94: 67
GND	T94: 1	CAN-H	T94: 68
GPT	T60: 52, 44		

AUDI

PCMflash

Engine Control Unit

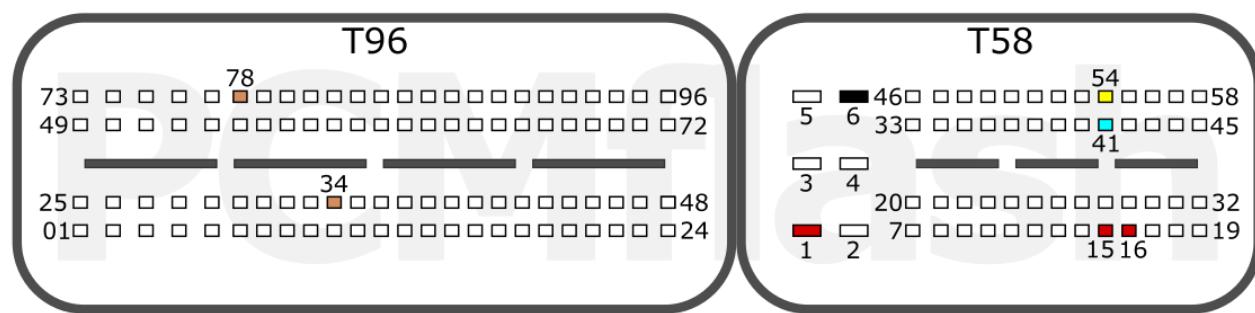
EDC17CP05 TC1796/TC1797



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

FORD

PCMflash	Engine Control Unit
	EDC17CP06 TC1796

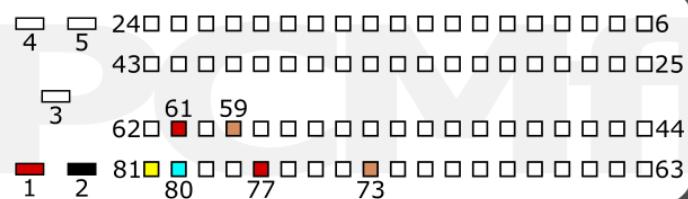


+12V	T58: 1, 15, 16	CAN-L	T58: 41
GND	T58: 6	CAN-H	T58: 54
GPT	T96: 34, 78		

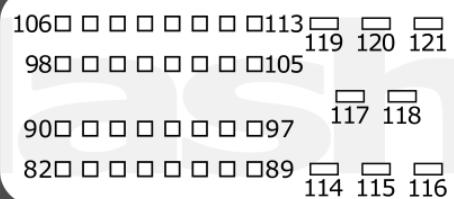
HONDA

PCMflash	Engine Control Unit
	EDC17CP07 TC1766

T1



T2

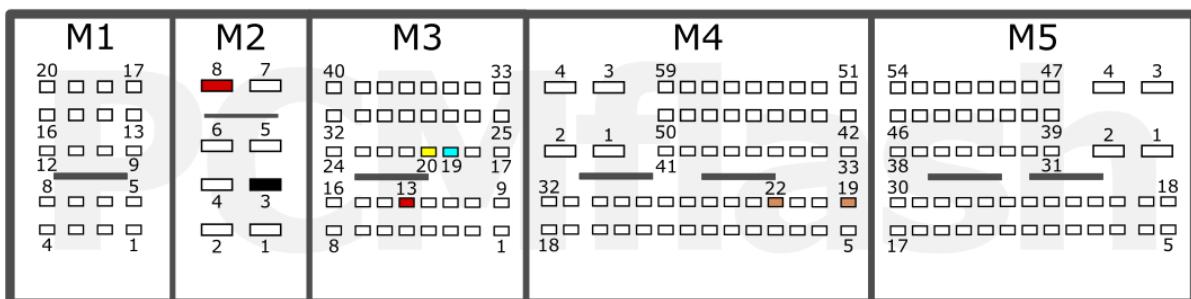


+12V	T1: 1, 61, 77	CAN-L	T1: 80
GND	T1: 2	CAN-H	T1: 81
GPT	T1: 59, 73		

TOYOTA

PCMflash

Engine Control Unit
EDC17CP09 TC1796



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

BMW

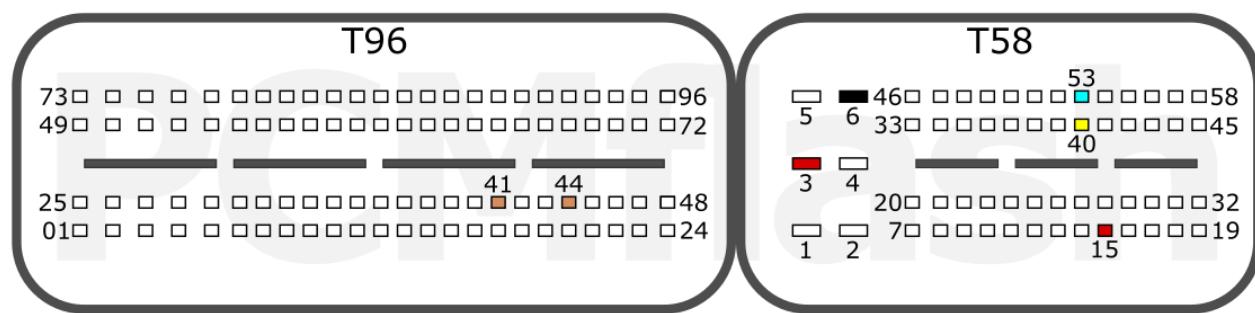
PCMflash	Engine Control Unit
	EDC17CP10 TC1796



+12V	T58: 1, 15	CAN-L	T58: 54
GND	T58: 4	CAN-H	T58: 41
GPT	T96: 35, 39		

MB

PCMflash	Engine Control Unit
	EDC17CP11 TC1796



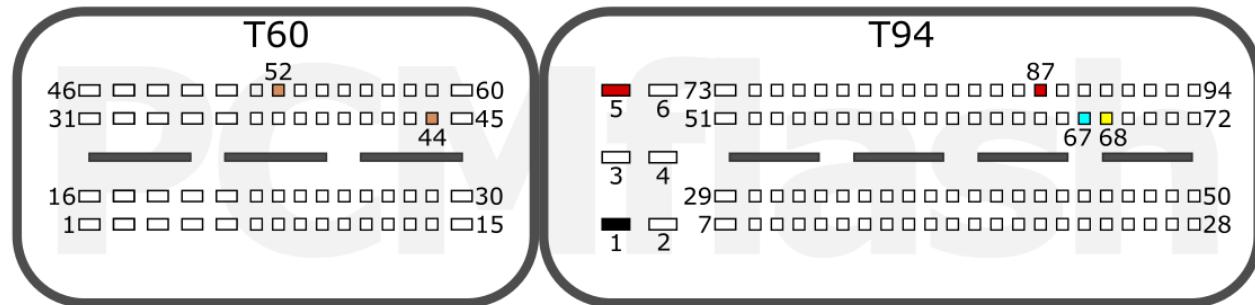
+12V	T58: 3, 15	CAN-L	T58: 53
GND	T58: 6	CAN-H	T58: 40
GPT	T96: 41, 44		

JLR

PCMflash

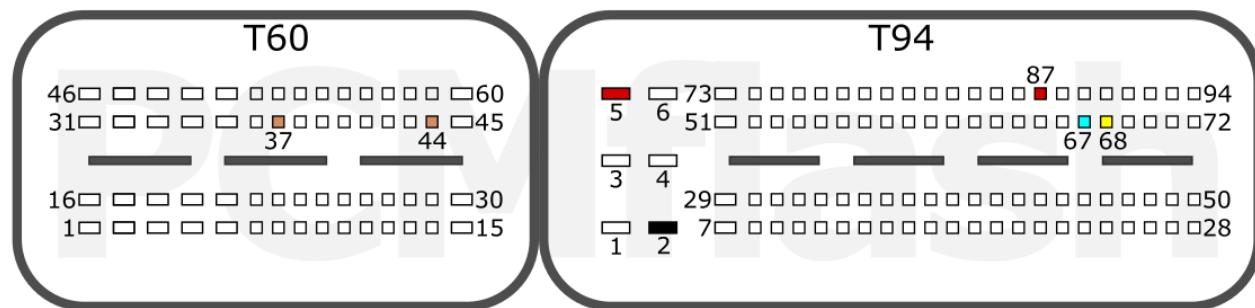
Engine Control Unit
EDC17CP14 TC1796

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



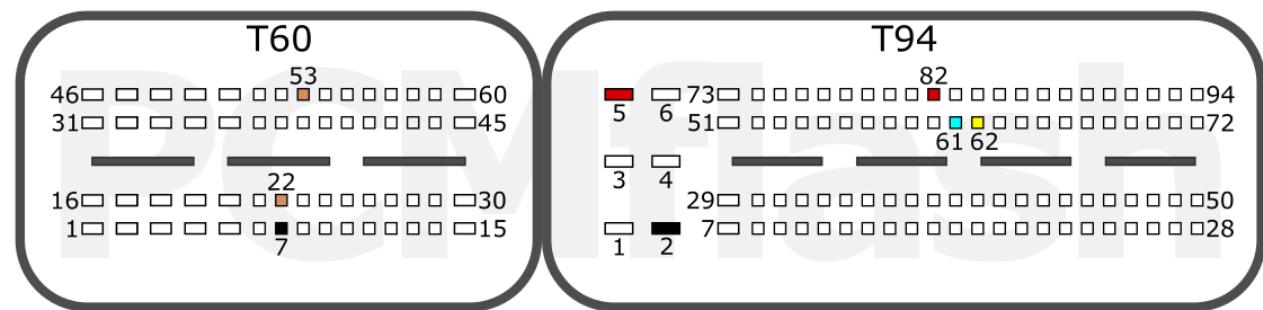
+12V	T94: 5, 87	CAN-L	T94: 67
GND	T94: 2	CAN-H	T94: 68
GPT	T60: 37, 44		

K/H

VAG

PCMflash

Engine Control Unit
EDC17CP15 TC1796



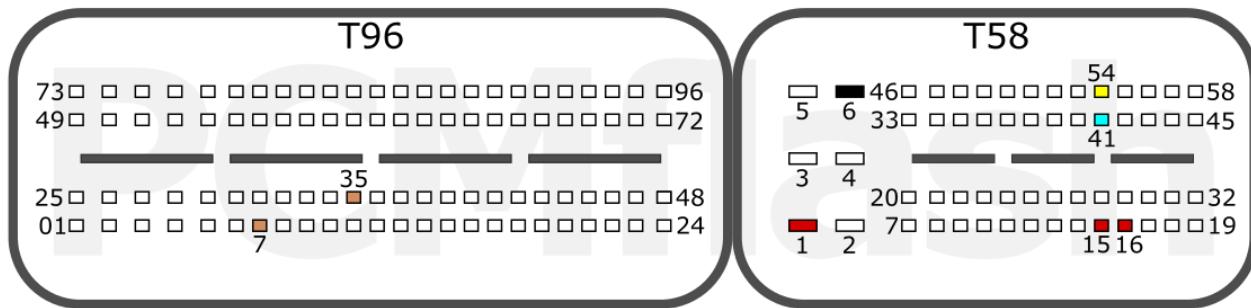
+12V	T94: 5, 82	CAN-L	T94: 61
GND	T60: 7, T94: 2	CAN-H	T94: 62
GPT	T60: 53, 22*		
* 10-50uF capacitor may be required			

MITSUBISHI

PCMflash

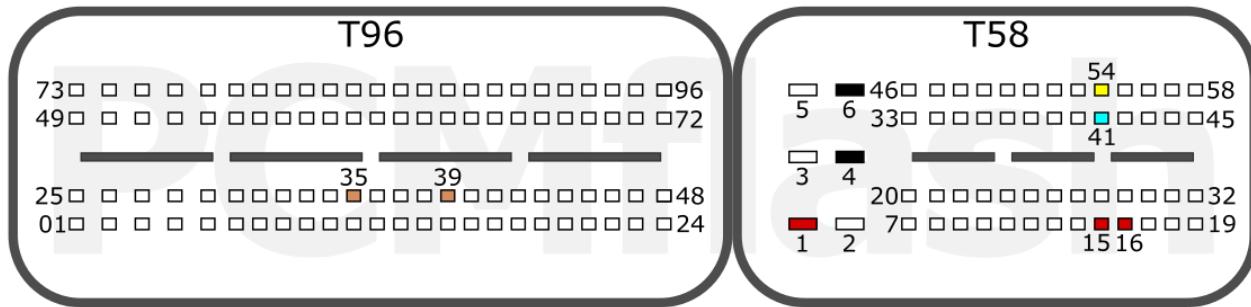
Engine Control Unit
EDC17CP16 TC1796

Connection version 1



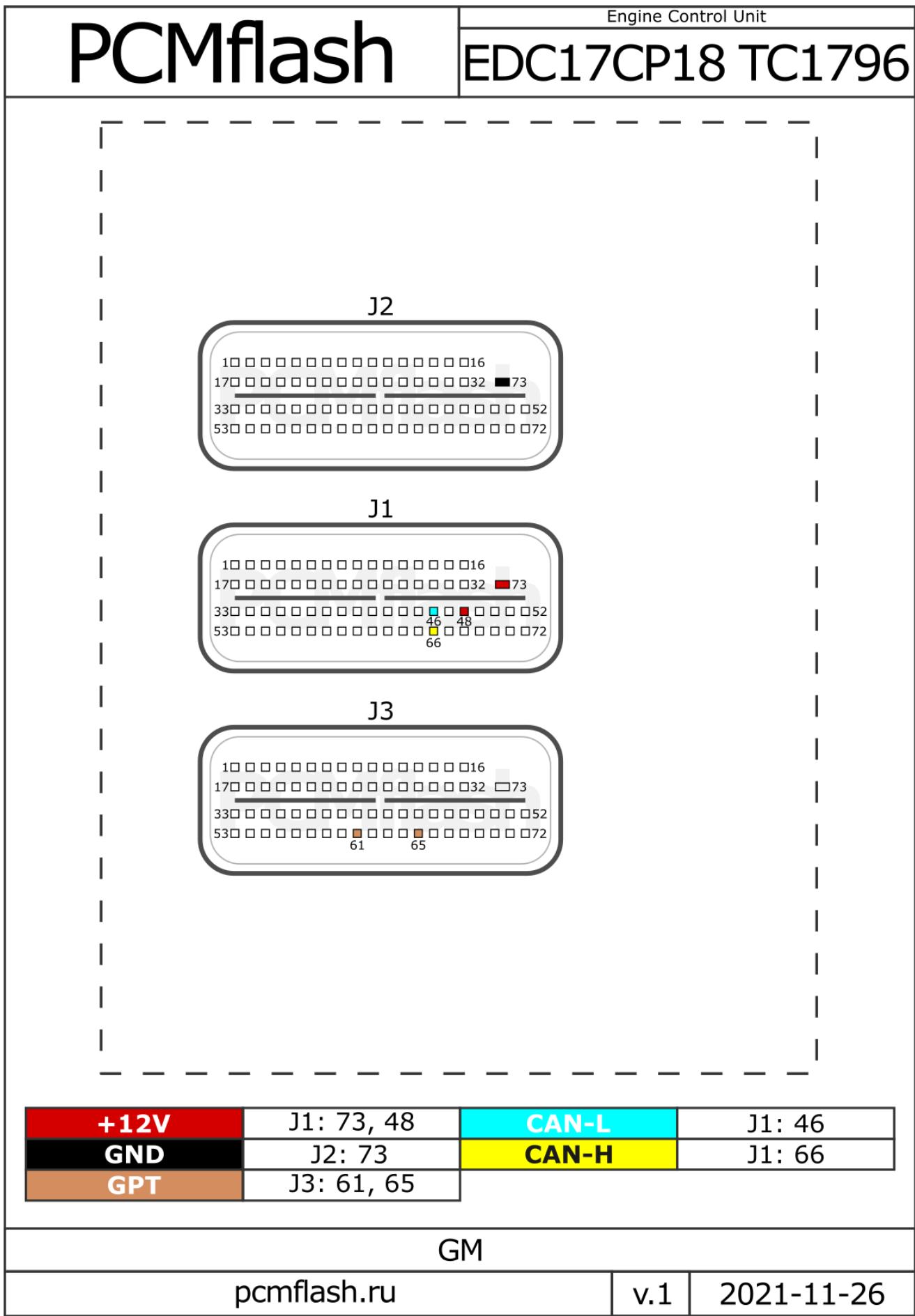
+12V	T58: 1, 15, 16	CAN-L	T58: 41
GND	T58: 6	CAN-H	T58: 54
GPT	T96: 7, 35		

Connection version 2

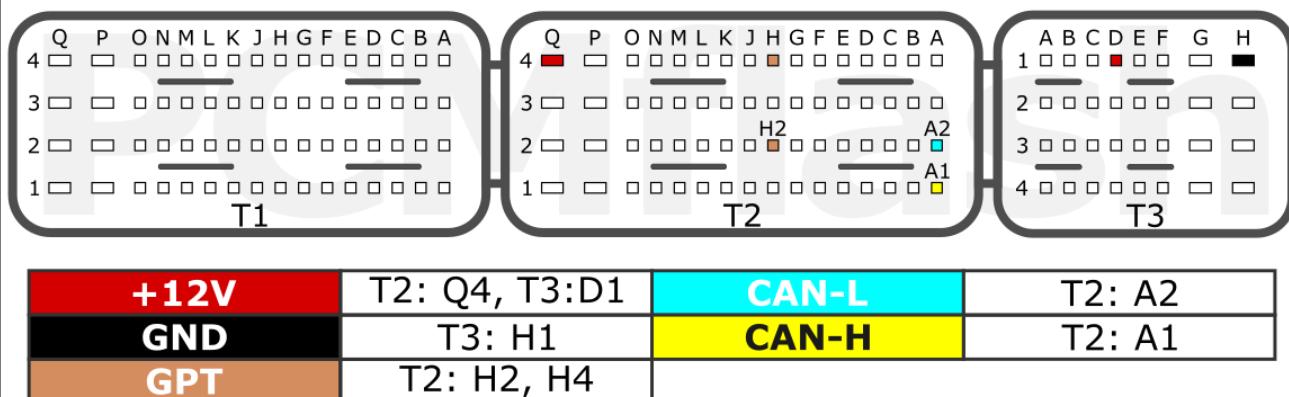


+12V	T58: 1, 15, 16	CAN-L	T58: 41
GND	T58: 4, 6	CAN-H	T58: 54
GPT	T96: 39, 35		

HONDA

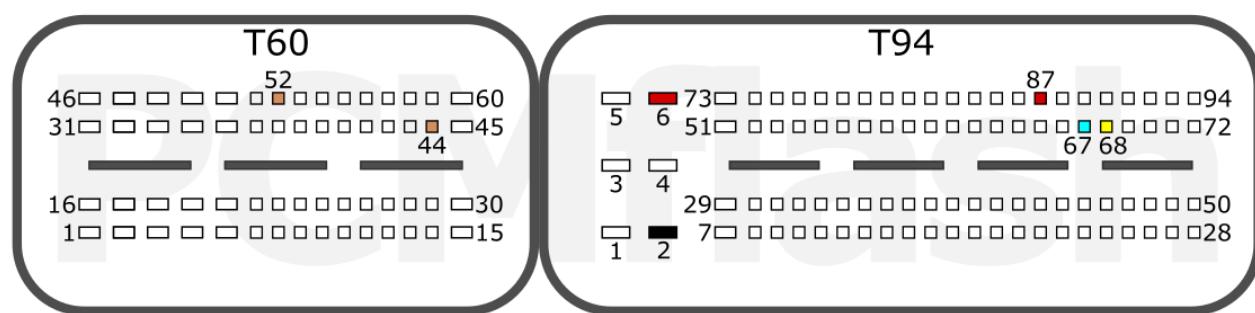


PCMflash	Engine Control Unit
	EDC17CP19 TC1766



RENAULT

PCMflash	Engine Control Unit
	EDC17CP20 TC1796



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

VAG

PCMflash

Engine Control Unit

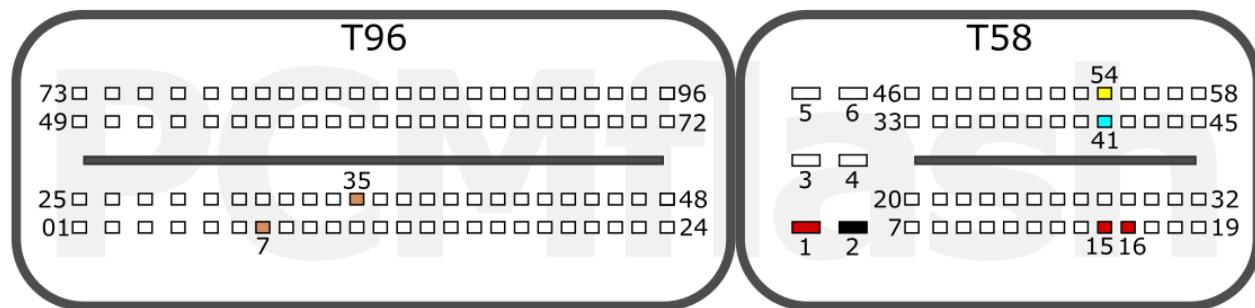
EDC17CP21 TC1792



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

SAAB

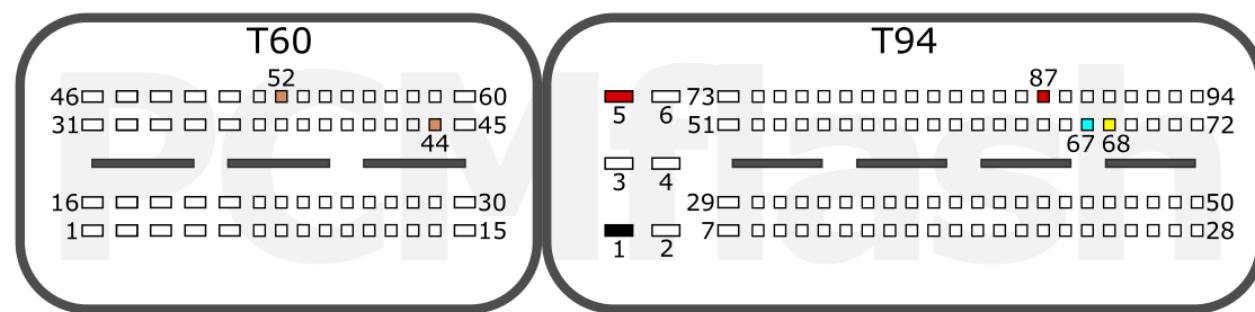
PCMflash	Engine Control Unit
	EDC17CP22 TC1796



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

VOLVO

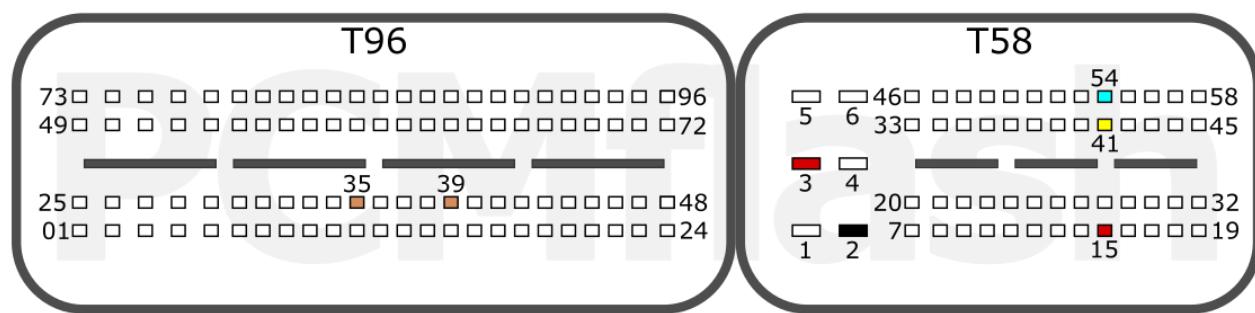
PCMflash	Engine Control Unit
	EDC17CP24 TC1796



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

VAG

PCMflash	Engine Control Unit
	EDC17CP27 TC1796



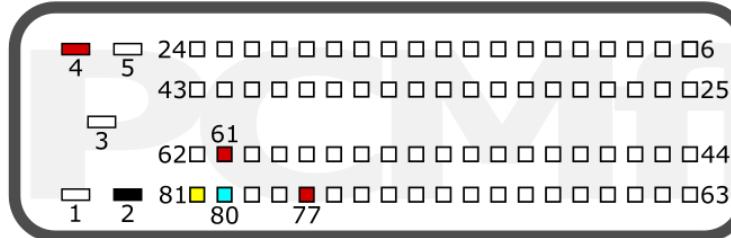
+12V	T58: 3, 15	CAN-L	T58: 54
GND	T58: 2	CAN-H	T58: 41
GPT	T96: 35, 39		

JEEP

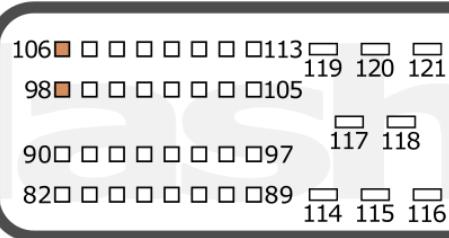


Connection version 1

T1



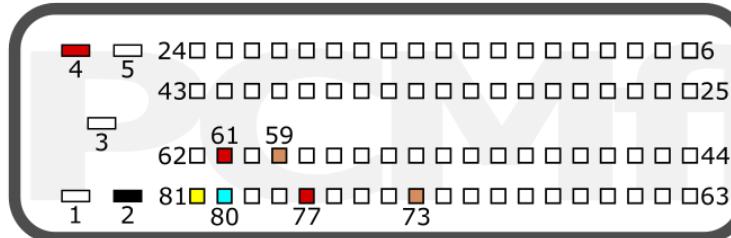
T2



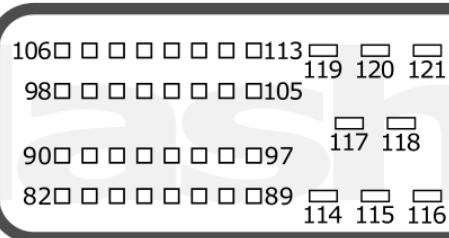
+12V	T1: 4, 61, 77	CAN-L	T1: 80
GND	T1: 2	CAN-H	T1: 81
GPT	T2: 98, 106		

Connection version 2

T1

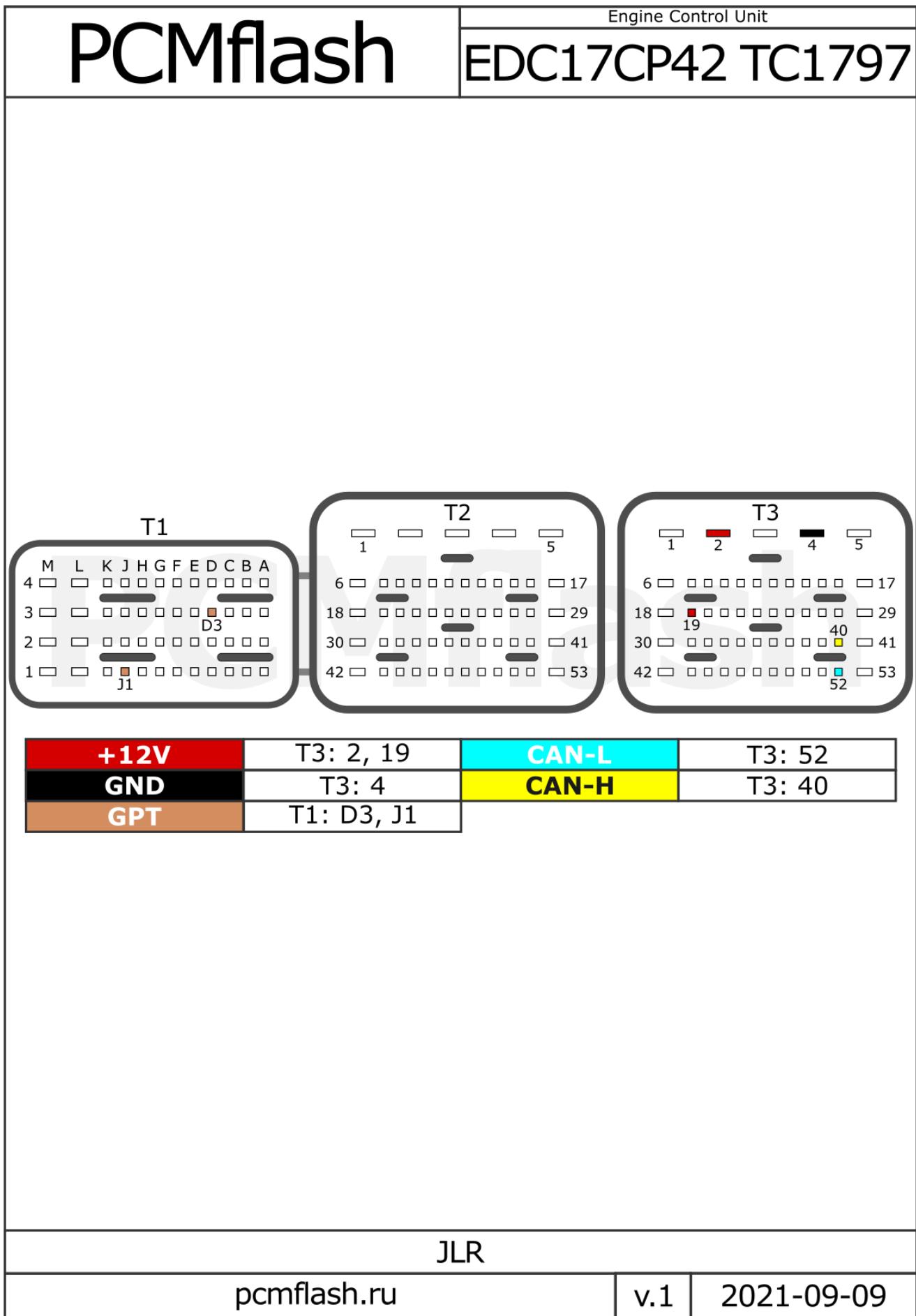


T2

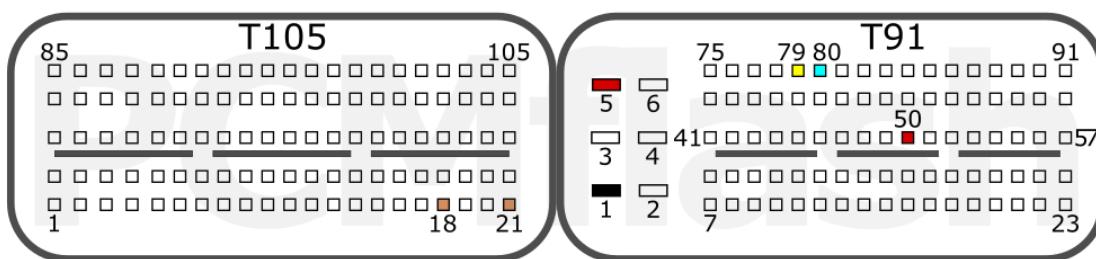


+12V	T1: 4, 61, 77	CAN-L	T1: 80
GND	T1: 2	CAN-H	T1: 81
GPT	T1: 59, 73		

TOYOTA



PCMflash	Engine Control Unit
	EDC17CP44 TC1797



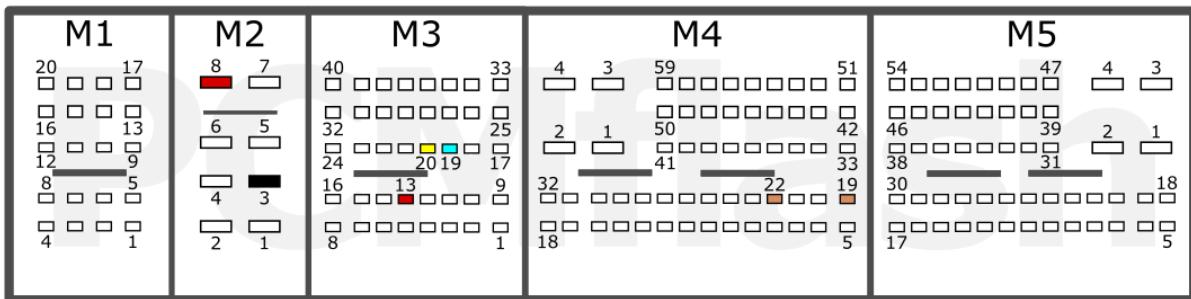
+12V	T91: 5, 50	CAN-L	T91: 80
GND	T91: 1	CAN-H	T91: 79
GPT	T105: 18, 21		

VAG

PCMflash

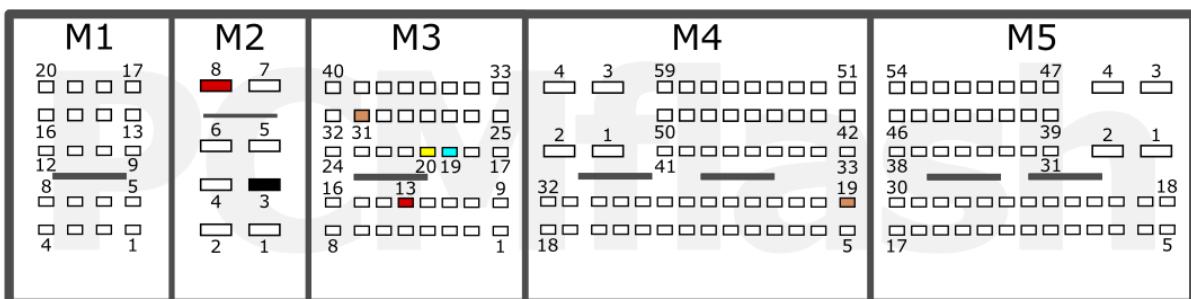
Engine Control Unit
EDC17CP45 TC1797

DME8 E71



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

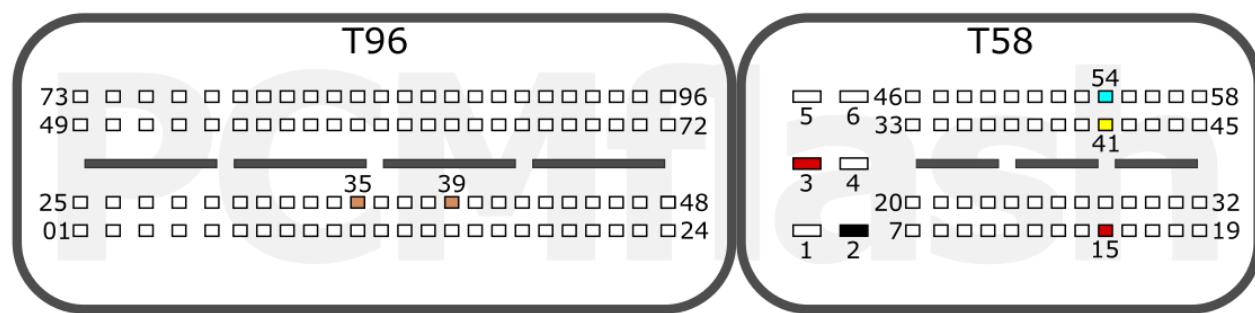
F10



+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

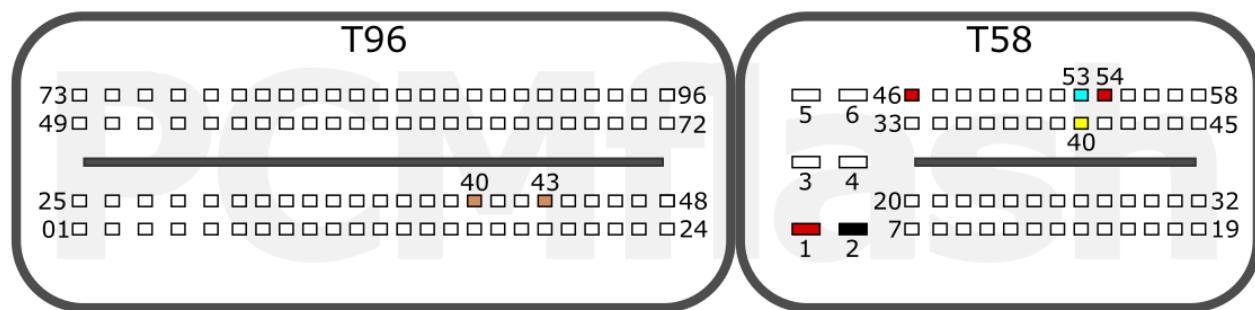
PCMflash	Engine Control Unit
	EDC17CP47 TC1797



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

OPEL

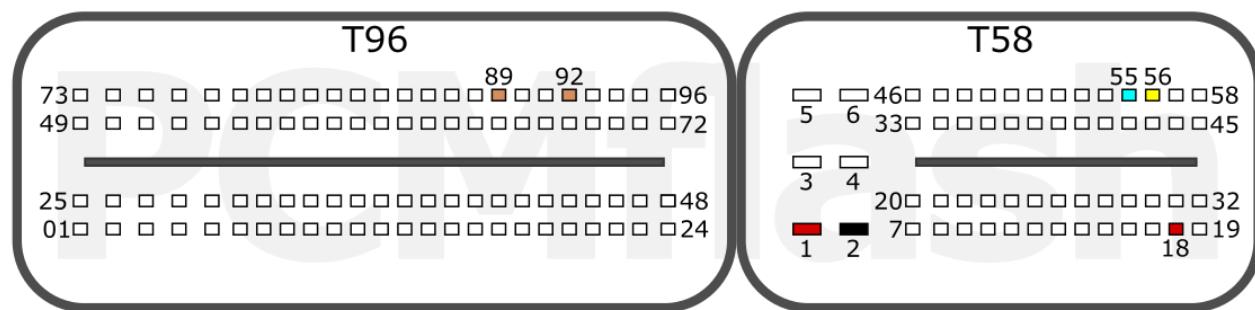
PCMflash	Engine Control Unit
	EDC17CP48 TC1797



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

VOLVO

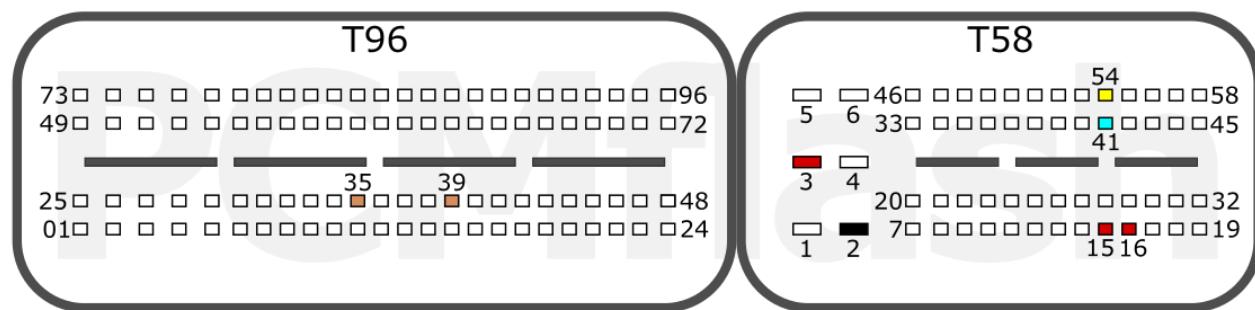
PCMflash	Engine Control Unit
	EDC17CP49 TC1797



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

BMW

PCMflash	Engine Control Unit
	EDC17CP50 TC1797



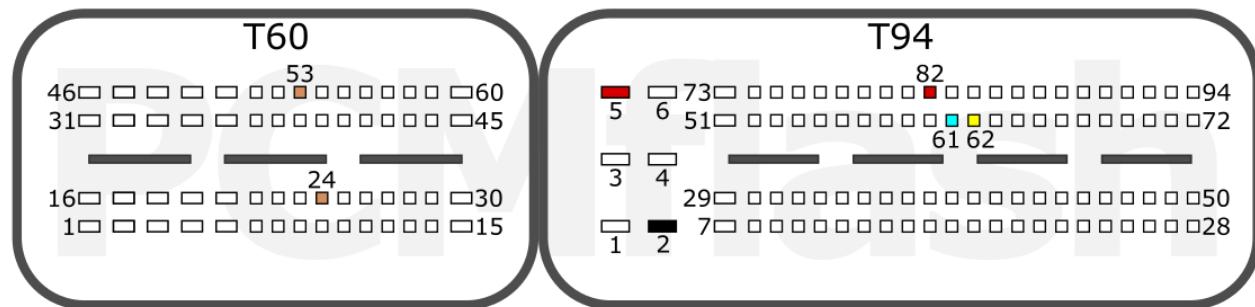
+12V	T58: 3, 15, 16	CAN-L	T58: 41
GND	T58: 2	CAN-H	T58: 54
GPT	T96: 39, 35		

HONDA

PCMflash

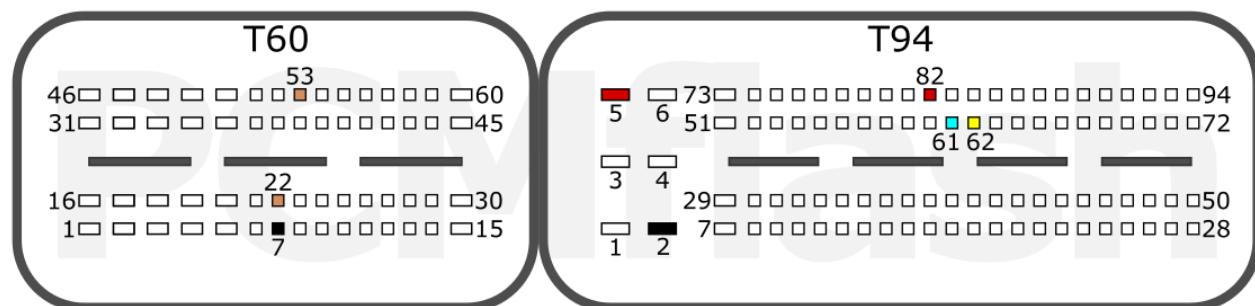
Engine Control Unit
EDC17CP52 TC1797

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

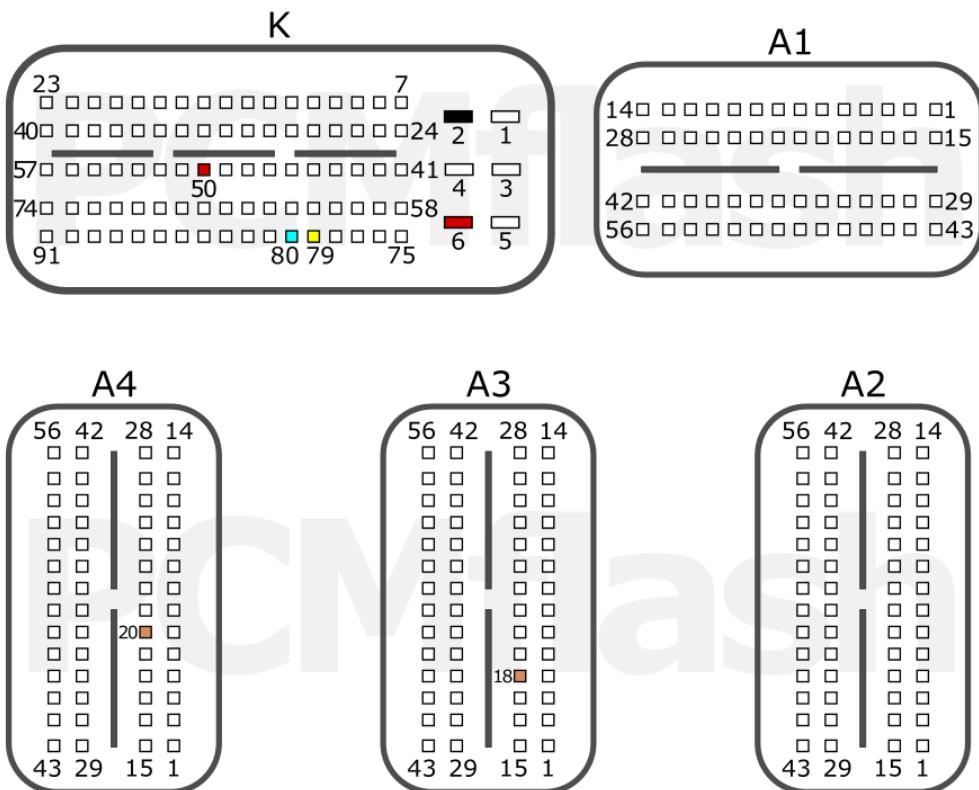
FIAT

IVECO

MITSUBISHI

PCMflash

Engine Control Unit
EDC17CP54 TC1793

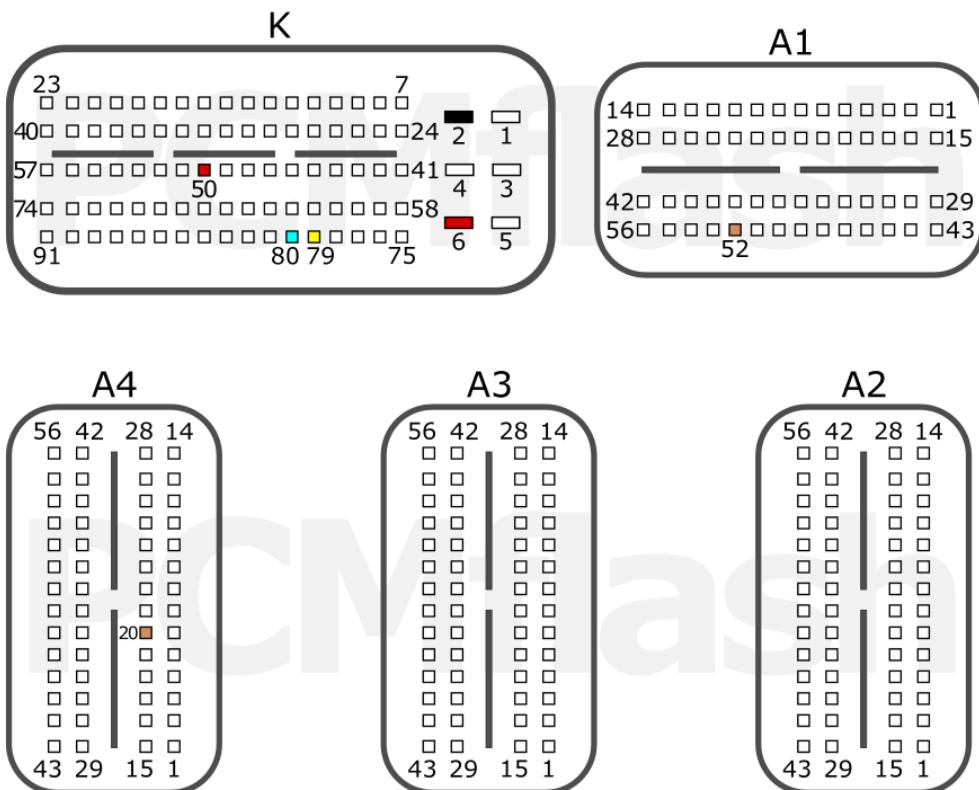


+12V	K: 6, 50	CAN-L	K: 80
GND	K: 2	CAN-H	K: 79
GPT	A3: 18, A4: 20		

AMAROK

PCMflash

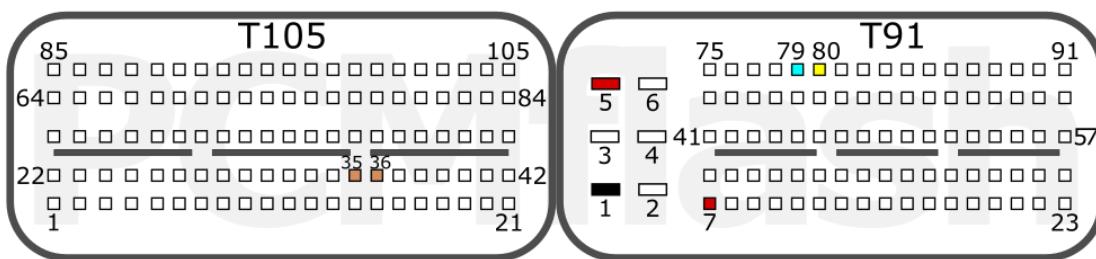
Engine Control Unit
EDC17CP54 TC1793



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

AUDI

PCMflash	Engine Control Unit
	EDC17CP55 TC1793



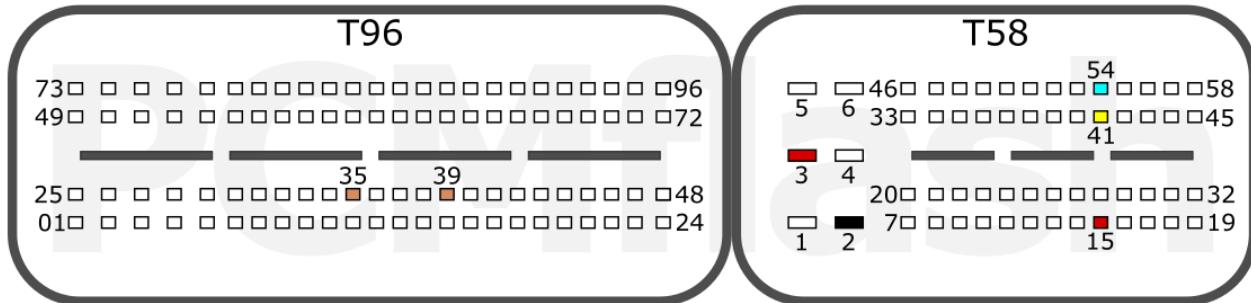
+12V	T91: 5, 7	CAN-L	T91: 79
GND	T91: 1	CAN-H	T91: 80
GPT	T105: 35, 36		

LAND ROVER

PCMflash

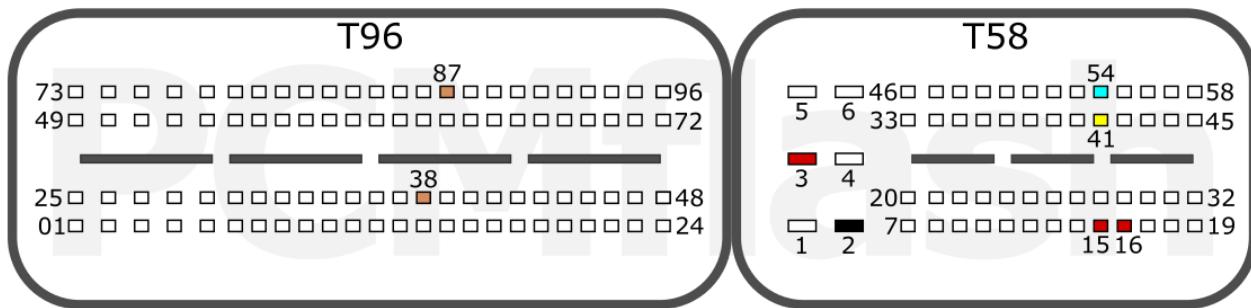
Engine Control Unit
EDC17CP57 TC1793

Connection version 1



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

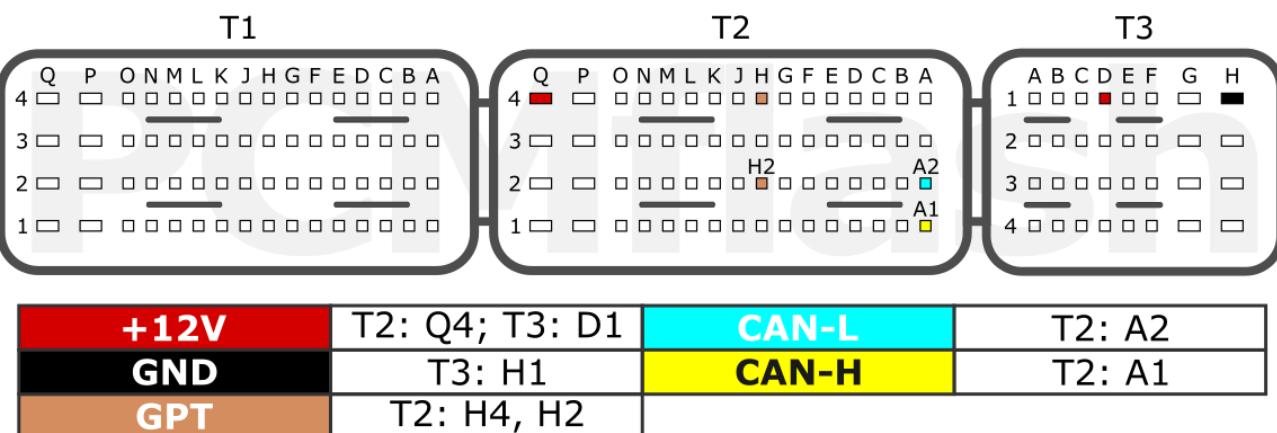
Connection version 2



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

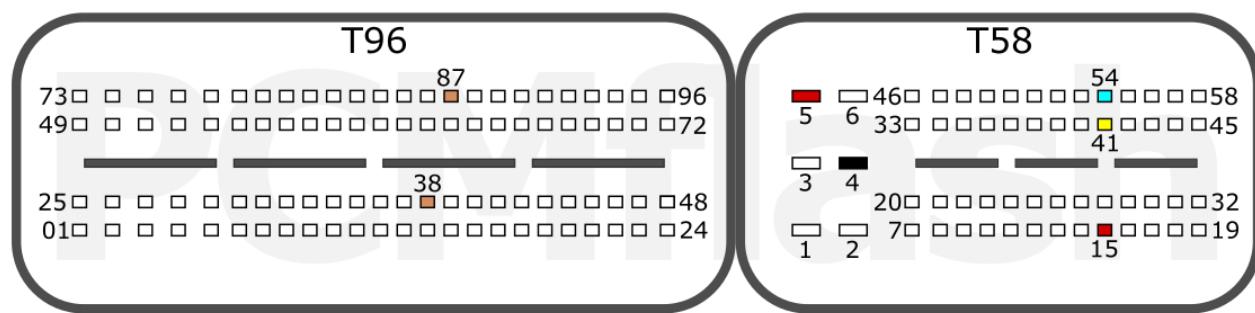
MB

PCMflash	Engine Control Unit
	EDC17CP58 TC1767



RENAULT

PCMflash	Engine Control Unit
	EDC17CP60 TC1793



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

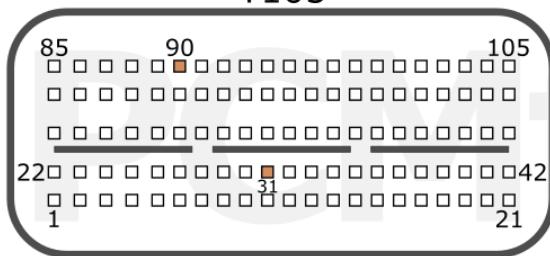
MB

PCMflash

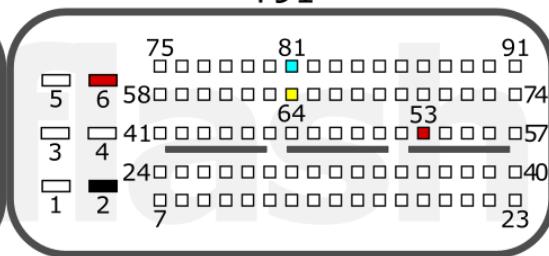
Engine Control Unit

EDC17CP62 TC1793

T105



T91



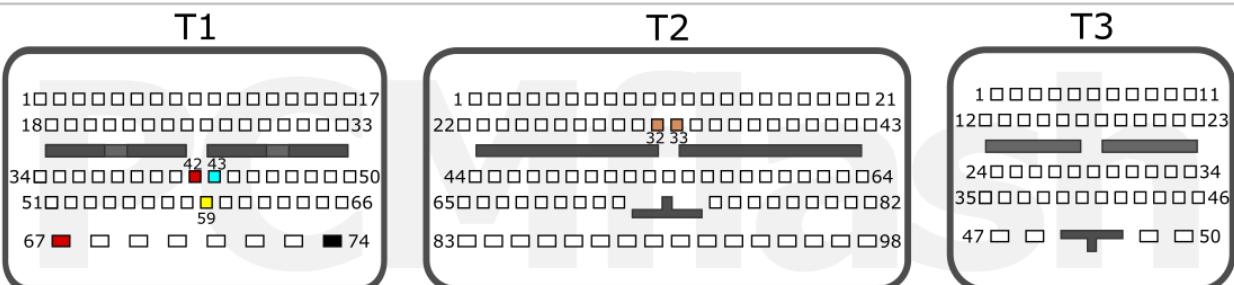
+12V	T91: 6, 53	CAN-L	T91: 81
GND	T91: 2	CAN-H	T91: 64
GPT	T105: 31, 90		

K/H

PCMflash

Engine Control Unit

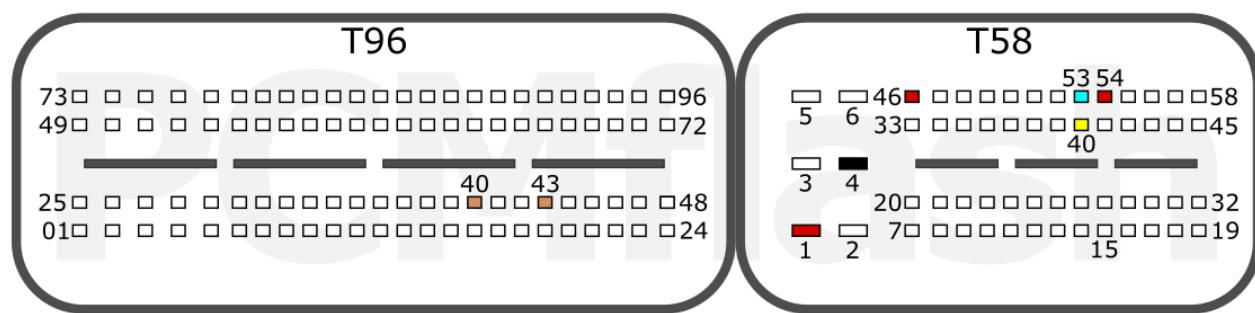
EDC17CP65 TC1793



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

FORD

PCMflash	Engine Control Unit
	EDC17CP68 TC1797



+12V	T58: 1, 46, 54	CAN-L	T58: 53
GND	T58: 4	CAN-H	T58: 40
GPT	T96: 43, 40		

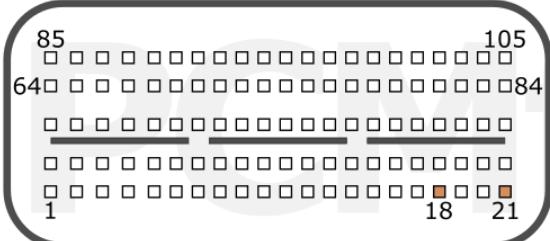
VOLVO

PCMflash

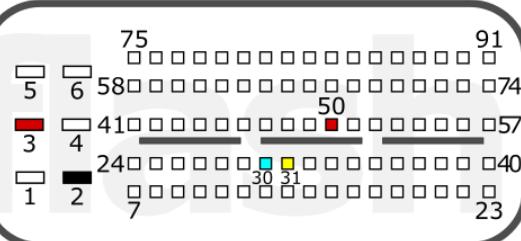
Engine Control Unit

EDC17CP74 TC1793

T105



T91



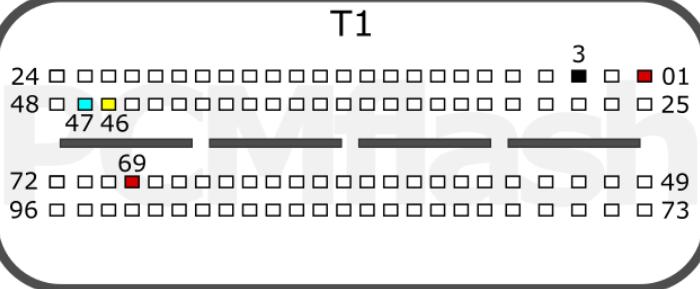
+12V	T91: 3, 50	CAN-L	T91: 30
GND	T91: 2	CAN-H	T91: 31
GPT	T105: 21, 18		

VAG

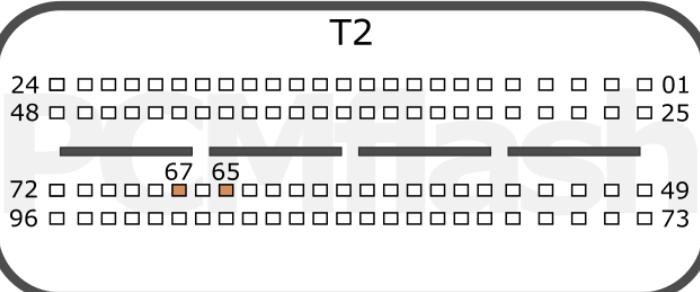
PCMflash

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		

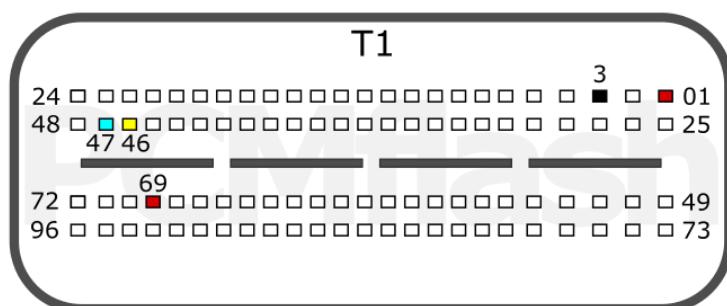
See next page/смотри следующую страницу

COMMERCIAL

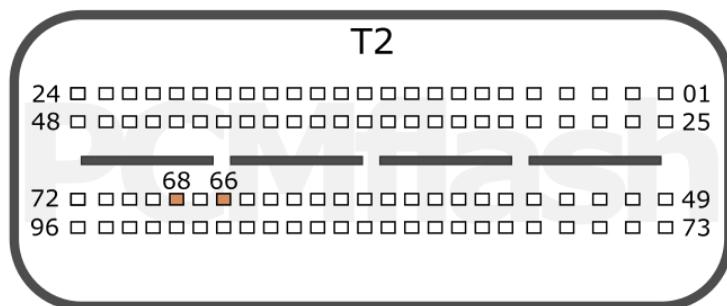
PCMflash

Engine Control Unit

EDC17CV41 TC1797



LABEL



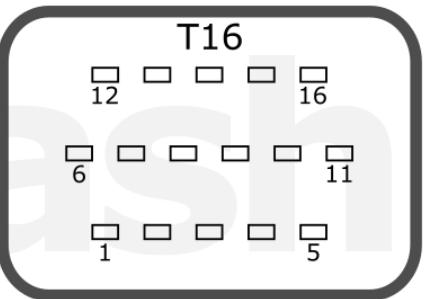
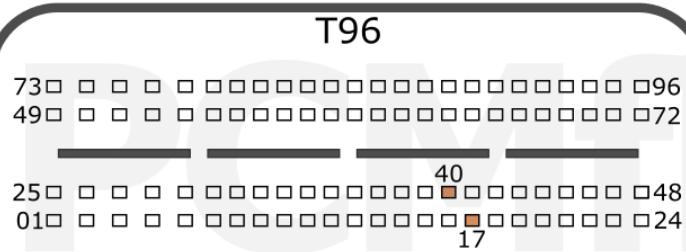
+12V	T1: 1, 69	CAN-L	T1: 47
GND	T1: 3	CAN-H	T1: 46
GPT	T2: 66, 68		

COMMERCIAL

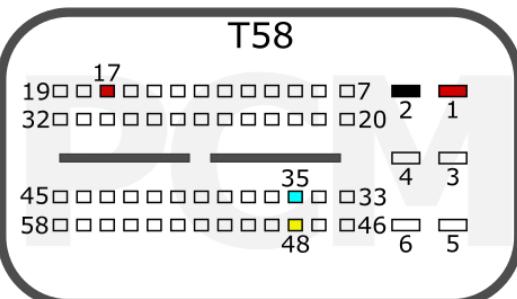
PCMflash

Engine Control Unit

EDC17CV42 TC1797



LABEL



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

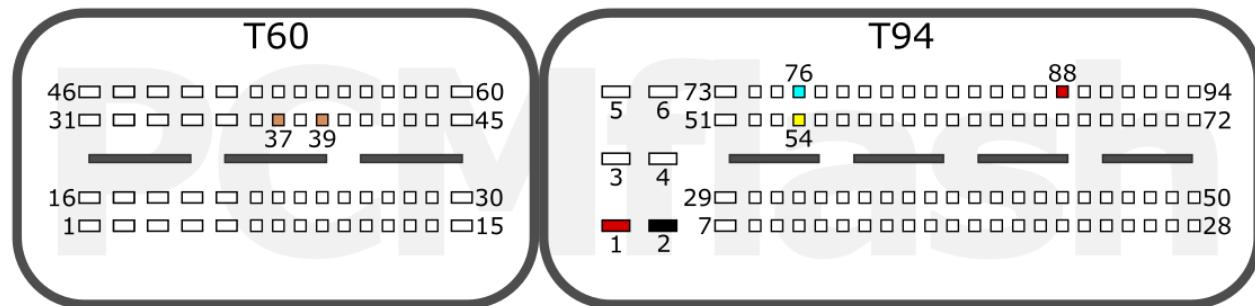
MAN

PCMflash

Engine Control Unit

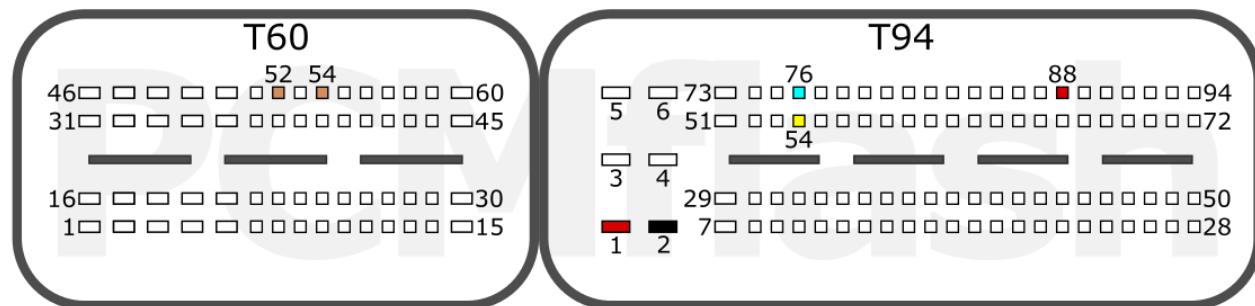
EDC17CV43/CV44 TC1767

Connection version 1



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

Connection version 2



+12V	T94: 1, 88	CAN-L	T94: 76
GND	T94: 2	CAN-H	T94: 54
GPT	T60: 52, 54		

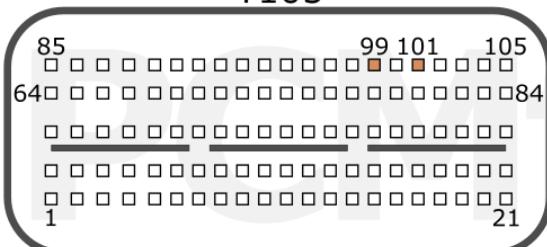
FAW

PCMflash

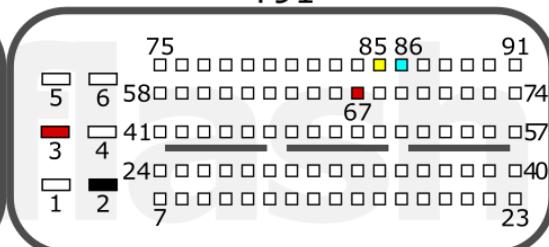
Engine Control Unit

EDC17CV52 TC1797

T105



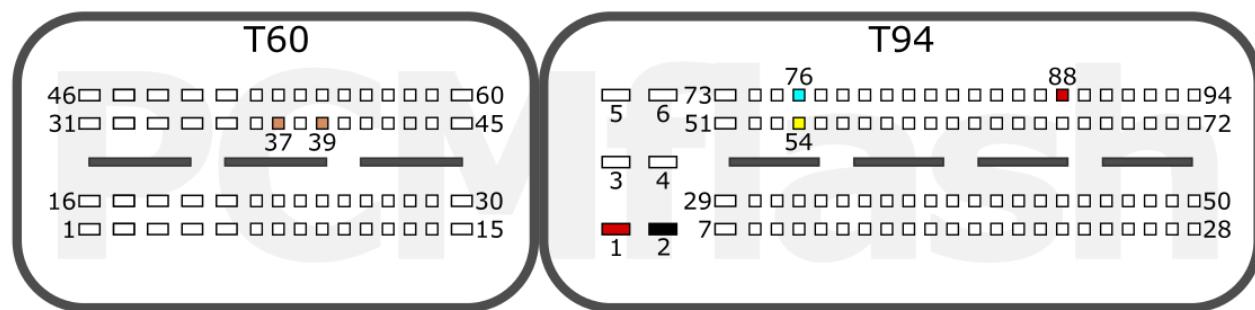
T91



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

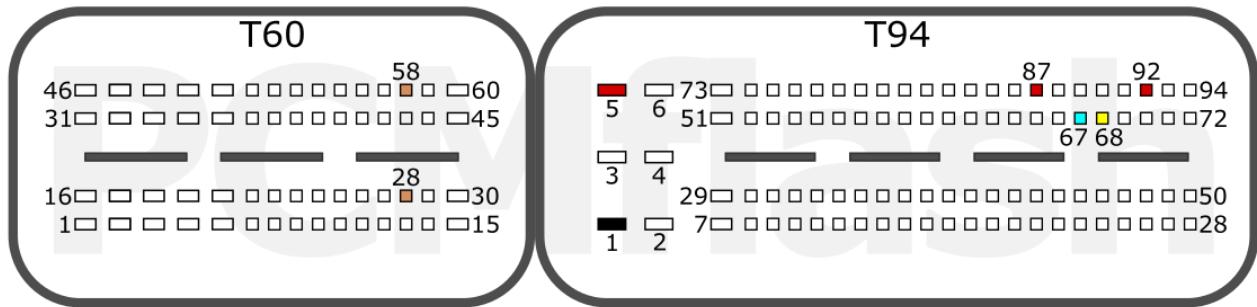
DEUTZ

PCMflash	Engine Control Unit EDC17CV53/CV54/CV56 TC1767
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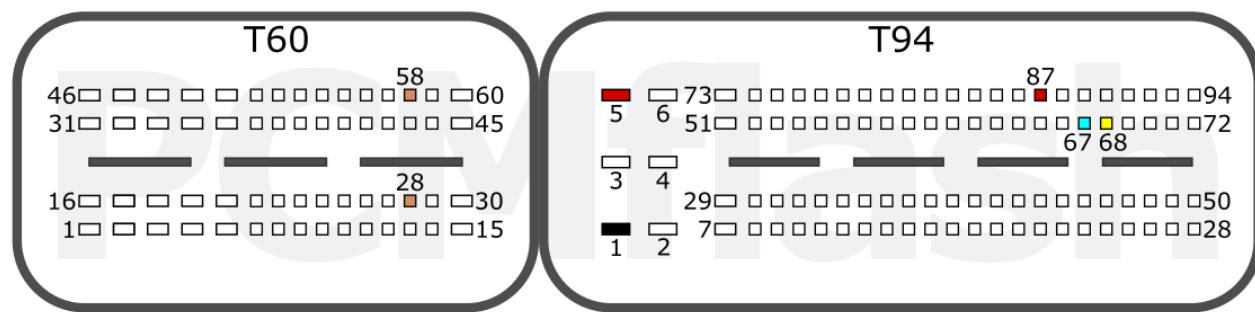


+12V	T94: 1, 88	CAN-L	T94: 76
GND	T94: 2	CAN-H	T94: 54
GPT	T60: 37, 39		

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	

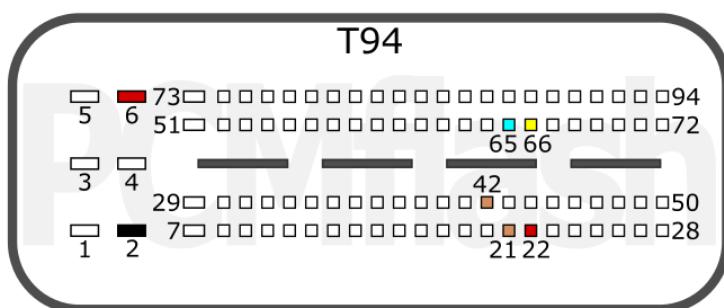
PCMflash	Engine Control Unit
	EDC17U05 TC1766



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

VAG

PCMflash	AdBlue Control Unit
	DCU17CV51 TC1724



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

ALL

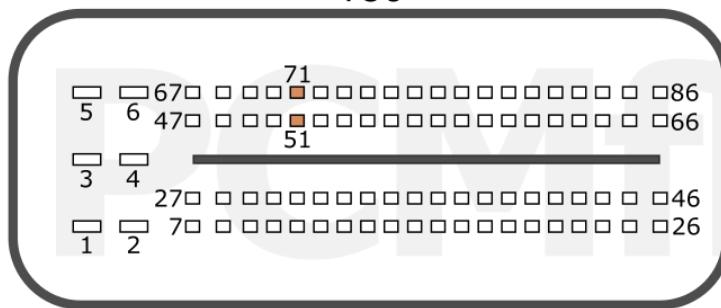
pcmflash.ru	v.1	2024-04-18
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PCMflash

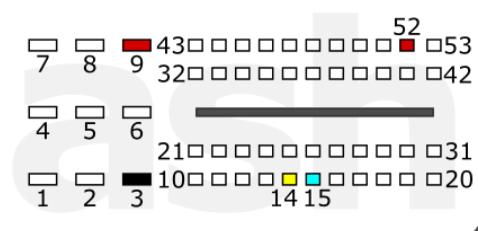
AdBlue Control Unit

DCU17HD01 TC1766

T86



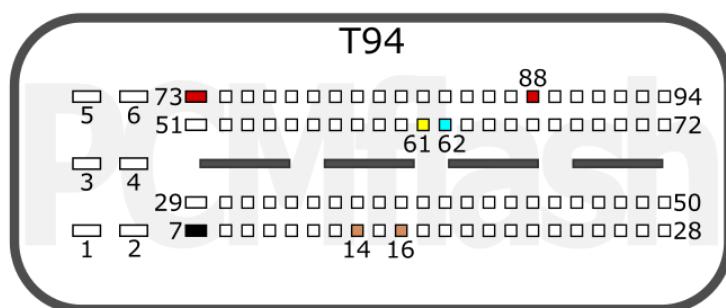
T53



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

HINO

PCMflash	AdBlue Control Unit
	DCU17PC01 TC1766



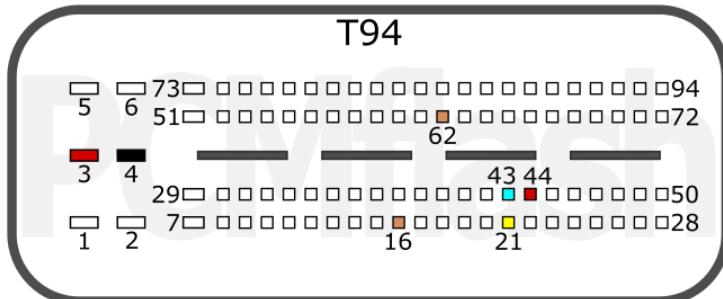
+12V	73, 88	CAN-L	62
GND	7	CAN-H	61
GPT	14, 16		

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

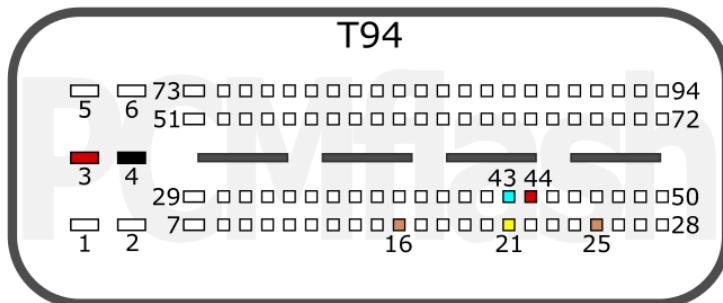
CAN-H

21

GPT

16, 62

Connection version 2

**+12V**

3, 44

CAN-L

43

GND

4

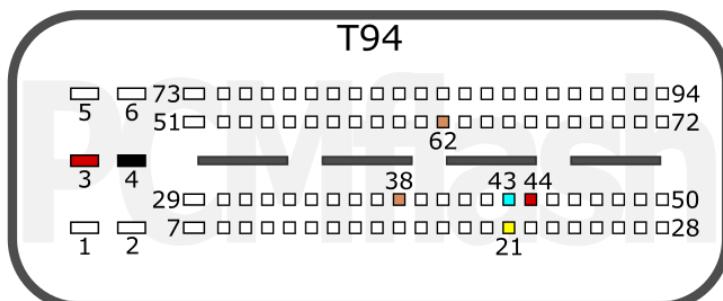
CAN-H

21

GPT

16, 25

Connection version 3

**+12V**

3, 44

CAN-L

43

GND

4

CAN-H

21

GPT

38, 62