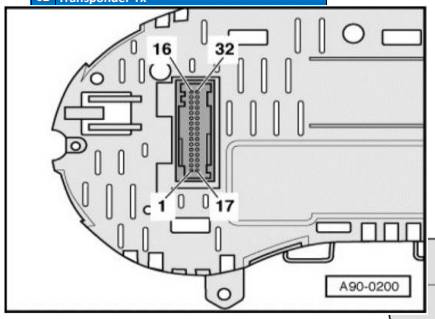
Instrument cluster pinout NEW

7.9.0 AUDI A3 8P, TT 8J, R8

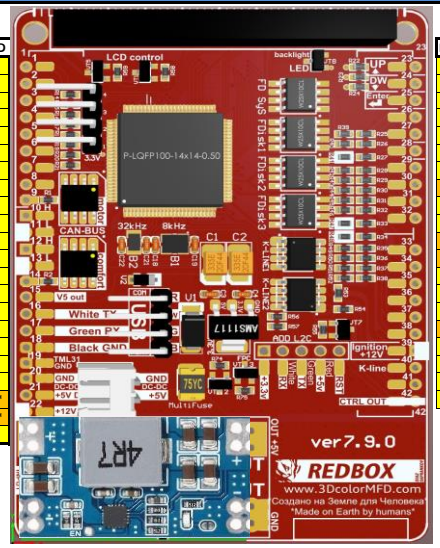
32-pin connector, blue (Midline)

1	Terminal 30 +12v			22
2	Terminal 30 +12v			
3	Terminal 31 GND			19
4	Terminal 31 GND			
5	CAN bus (diagnosis) wake-up wire			6
6	Fuel gauge sender 2, signal (top right)			
7	Brake pad wear			29
8	Oil level			35
9	Radio-controlled clock signal			
10	Radio-controlled clock 5V			
11	Not used	Add Boost signal wire		30
12	Not used	Diag, CAN-High	19	12
13	Not used	Diag, CAN-Low	9	13
14	Brake fluid low			28
15	Oil pressure switch			
16	Not used	TurboTimer		42
17	Terminal 58s			
18	Terminal 30 +12v			
19	Terminal 31 GND			
20	Washer fluid low			
21	Coolant level low			4
22	Not used	Add Fuel press sens		33
23	Not used	Add Oil press sensor		34
24	Ambient temperature			
25	Fuel gauge sender 4 (top left)			
26	Fuel gauge sender 1 (bottom right)			
27	Fuel gauge sender 3 (bottom left)			
28	Sender earth			
29	Dash CAN-High	Dash , CAN-High	18	10
30	Dash CAN-Low	Dash , CAN-Low	8	11
31	Transponder Rx			
32	Transponder Tx			



GENERAL SCHEME

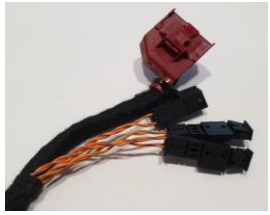
			MFD
			1
			2
			3
Coolant level low	Blue	21	4
			5
wake-up wire	Blue	5	6
			7
			8
Rx CAN (motor) CAN2			9
Dash CAN-High	Blue	29	10
Dash CAN-Low	Blue	30	11
Diag, CAN-High	Blue	12	12
Diag, CAN-Low	Blue	13	13
Rx CAN (comfort) CAN1			14
5V out			15
White	USB		16
Green	USB		17
Black	USB		18
Terminal 31 GND	Blue	3	19
DC-DC OUT- GND			20*
DC-DC OUT+ 5B +			21*
Terminal 30 +12v	Blue	1	22

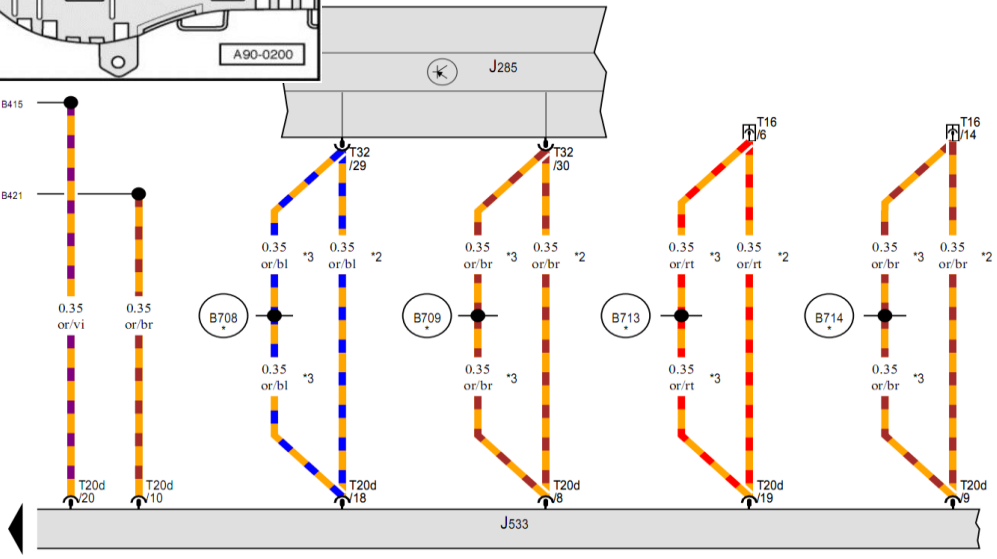


			MFD
			23
			24
			25
			26
			27
14	Blue	Brake fluid low	28
7	Blue	Brake pad	29
11	Blue	Additional Boost signal wire	30*
			31
			32
22	Blue	Additional Fuel pressure sensor	33*
23	Blue	Additional Oil pressure sensor	34*
8	Blue	Oil level / oil temperature	35
			36
			37
Additional Fuel/oil pressure sensor			38*
			39
			40
			41
16	Blue	TurboTimer	42

20*	**If you have installed the DC-DC converter separately from the 3dMFD motherboard** Если вы установили DC-DC преобразователь отдельно от материнской платы
21*	**If you have installed the DC-DC converter separately from the 3dMFD motherboard** Если вы установили DC-DC преобразователь отдельно от материнской платы
30*	**If you do not have boost pressure data on the can-bus or have a third party boost sensor installed.** Если у вас нет данных давления наддува на can-bus или установлен сторонний датчику буста.
33*	**Free Input for an optional Oil pressure sensor / Fuel pressure sensor/ LPG tank level / EGT** Свободный вход для подключения доп. датчиков: давления масла/ давления топлива / уровня в баке LPG
34*	**Free Input for an optional Oil pressure sensor / Fuel pressure sensor/ LPG tank level / EGT** Свободный вход для подключения доп. датчиков: давления масла/ давления топлива / уровня в баке LPG
38*	**You can use this input to connect additional. sensors: oil pressure / fuel pressure / EGT.** Вы можете использовать это вход для подключения доп. датчиков: давления масла/ давления топлива /

3d MFD	Blue Connector		Pinout Gateway
		1	Terminal 30, fuse F24 in EM box -> +12V
		2	As pin 1 -> +12V
		3	Vacant
		4	K-wire (vacant)
		5	Convenience system data bus, CAN-Low
		6	Drive train data bus, CAN-Low
		7	Vacant
11	30	8	Dash panel insert data bus, CAN-Low
13	12	9	Diagnosis CAN-L
		10	Infotainment data bus, CAN-Low
		11	Terminal 31 (battery negative) -> GND
		12	Terminal 31 (battery negative) -> GND
		13	Wake-up wire, dash panel insert -> PIN 5 DB
		14	Terminal 15 -> +12V
		15	Convenience system data bus, CAN-High
		16	Drive train data bus, CAN-High
		17	Vacant
10	29	18	Dash panel insert data bus, CAN-High
12	11	19	Diagnosis CAN-H
		20	Infotainment data bus, CAN-High





ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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nection 1 (infotainment CAN bus, high), in main wiring
ess, Connection 1 (infotainment CAN bus, low), in main
g harness, Connection 1 (dash panel insert CAN bus high)
ain wiring harness, Connection 1 (dash panel insert CAN
low) in main wiring harness, Connection 1 (CAN bus
nosis, high), in main wiring harness, Connection 1 (CAN
diagnosis, low), in main wiring harness

- Control unit in dash panel insert
- Data bus diagnostic interface
- 16-pin connector
- 20-pin connector
- 32-pin connector
- Connection 1 (infotainment CAN bus, high), in main wiring harness
- Connection 1 (infotainment CAN bus, low), in main wiring harness
- Connection 1 (dash panel insert CAN bus high) in main wiring harness
- Connection 1 (dash panel insert CAN bus low) in main wiring harness
- Connection 1 (CAN bus diagnosis, high), in main wiring harness
- Connection 1 (CAN bus diagnosis, low), in main wiring harness
- Gradually discontinued
- Up to April 2009
- From May 2009