

Last updated 2015-05-14

TEMPLATE (harness pinout)

Disclaimer: might change without notice.

<https://shop.vems.hu/catalog/v3twinshieldharness-p-123.html>

Download template from

<http://vems.hu/download/harness/v3TwinShieldHarness/PTFE>

Customize template: delete irrelevant columns in xls before printing, take your notes, mark differences and special entries.

It is always the installer's responsibility to correct / complete according to actual install.

Provide a printed or digital copy for the owner for future reference. That is required for every VEMS install.

The VEMS v3 ECU originally used for this harness has : ... **IGBT** (eg min 6, or max 2)
 Serialnr (used in first install) : ...
 Any notable requirements about VEMS v3 ECU:
 Other notes (orderid, owner, whatever): ...
 Number of attachments: ...

EC pin	name	Auto.PVC 2015	teflon 2015/1 i4 TR	teflon 2015/1 i4 TL	telfon 2015/1 i6 TR	teflon 2015/1 i6 TL
(example)						
	inj +12v	red/white	red	red	red	red
EC36/7	cyl 1	green/white	violet	violet	violet	violet
EC36/9	cyl 2	yellow/red	orange	orange	orange	orange
EC36/8	cyl 3	red/black	green	green	green	green
EC36/18	cyl 4	blue/yellow	blue	blue	blue	blue
EC36/19	cyl 5	black/yellow			yellow	yellow
EC36/20	cyl 6	black/red			white	white
	ign +12v	green/white	black	black	black	black
EC36/33	cyl 1	green/white	violet	violet	violet	violet
EC36/34	cyl 2	yellow/red	orange	orange	orange	orange
EC36/36	cyl 3	red/black	green	green	green	green
EC36/11	cyl 4	blue/yellow	blue	blue	blue	blue
EC36/12	cyl 5	black/yellow			yellow	yellow
EC36/24	cyl 6	black/red			white	white
EC36/2	MAT sen	yellow/red	yellow	yellow	yellow	orange
EC36/26	MAT gnd	black	gray	gray	gray	gray
EC36/14	CLT sen	blue/red	blue	blue	blue	blue
EC36/26	CLT gnd	black	gray	gray	gray	gray
EC36/29	TPS +5v	red/yellow	yellow	yellow	yellow	yellow
EC36/1	TPS sen	yellow/black	green	green	green	green
EC36/26	TPS gnd	black	gray	gray	gray	gray
EC18/7	O2 pump -	blue/yellow	blue	blue	blue	blue
EC18/9	O2 pump +	white/red	white	white	white	white
EC18/13	O2 nerst	black/yellow	pink	pink	pink	pink
EC18/18	O2 heater	green	black	brown	black	black
	O2 +12v	red	red	red	red	red
EC36/28	MAP +5V	-	yellow	red	yellow	yellow
EC18/6	MAP sen	-	violet	violet	violet	violet
EC36/26	MAP GND	-	gray	gray	gray	gray
	boost +12v	-	red	red	red	red
EC36/10	boost sig	-	blue	blue	green	blue or green

WILL be added:

From version>2015-05-20 customizable branches will be 15cm longer and branches below (not in original PTFE version):

...	+12V	-				
...	IAC1	-	IAC branching from the near-branch (close to EC36 ~where ign and inj)			
...	IAC2 / ...	-				
...	+12V	-				
	Strig VVTI/1	-				
...	Strig VVTI/2	-	VVTI (Vanos) branching from the remote end (far away from EC36)			
...	trig3 VVTI/1	-	Useful for other functions if less than 4 VVTI drivers are used (usually just 0-2)			
...	trig3 VVTI/2	-				