



Wiring diagram
LPG SEQUENT PLUG&DRIVE
Volkswagen Golf VI 1.6i 75 kW Euro 5
Multipoint Electronic Injection

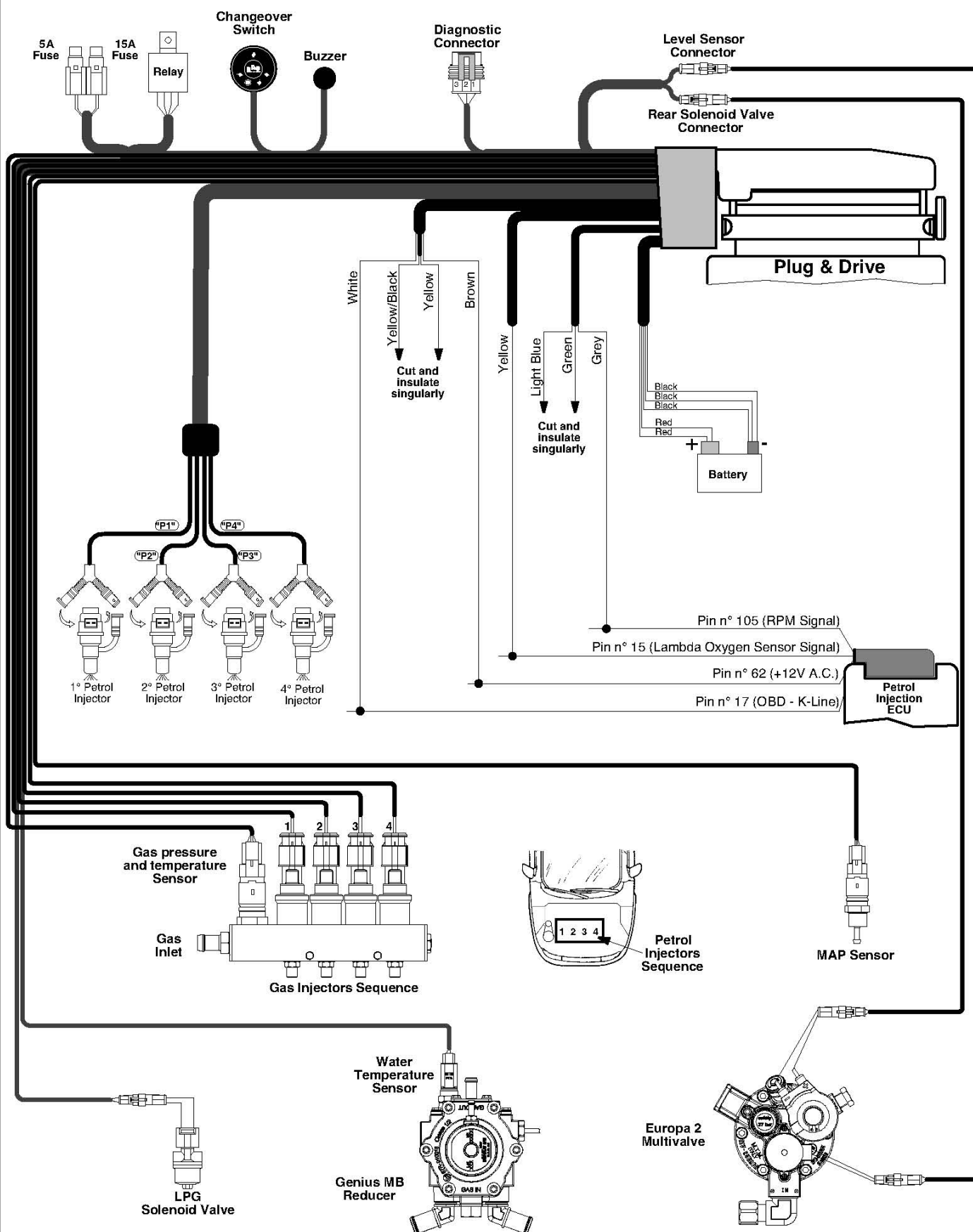
Date: 28.04.09

Diagram N°: 1

In place of: // // //

Draftsman: L.B.

Signature:



CAUTION:

Be careful with the cars for which the manufacturer prohibits or advises against disconnecting the battery, not to alter the antitheft devices or automatic adaptivity - Never use welders connected to the battery of the same car - Connect with suitably insulated soft solderings - Position the BRC electrical devices in a well ventilated area, protected from water seepages and heat sources - We recommend to insulate the BRC electronic control unit wires which are not connected - BRC reserves the right to modify this diagram without notice - We also recommend you to be sure to have the last revision of the diagram drawn up by BRC.



Assembly instructions - REAR SIDE

LPG SEQUENT PLUG&DRIVE



• System installed	LPG Sequent Plug&Drive
• Number of R115 homologation	-
• Builder	Volkswagen
• Vehicle category	M1
• Engine code	BSE
• Engine size	1595 cm ³
• Gear shift	Manual
• Vehicle model	Golf VI
• Kind of conversion system	LPG
• Instruction code	FSG003001P of Apr 28 th , 2009

COMPONENTS LAYOUT



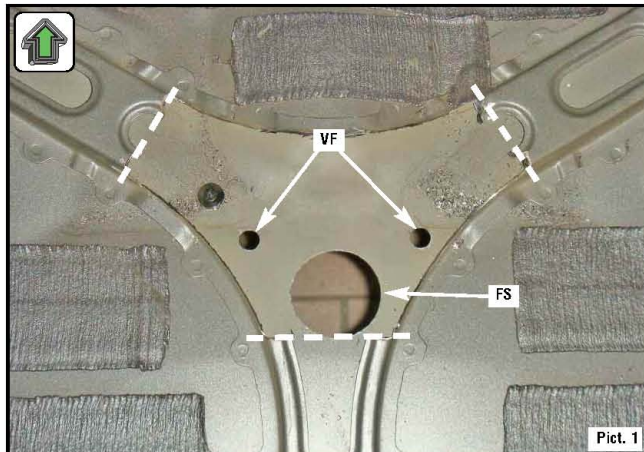
	COMPONENTS DESCRIPTION	HOMOLOGATION	CODE
1*	LPG ring-shaped tank 30° GPL 61 liters with Europa 2 Multivalve 2 30° 650x240	E20*67R01*0446*	27TE65024062
		E13*67R01*0004*	10MV44305240
2	B1 refuelling point	E13*67R01*0020*	E16014307

* Tank overhauling and/or replacement depend on the Country where it's installed.

PIPES

DESCRIPTION	LENGTH (mm)	QT.	HOMOLOGATION	CODE
Flexible gas pipe ø5mm (Multivalve-Solenoid valve)	5000	1	E11*67R01*010011*	22TB00040300
Flexible gas pipe ø6,3mm (Refuelling point-Multivalve)	2500	1	E11*67R01*010011*	22TB00040301

1 - LPG Ring-sh.tank 61 I, with Europa 2 MV 30°650x240

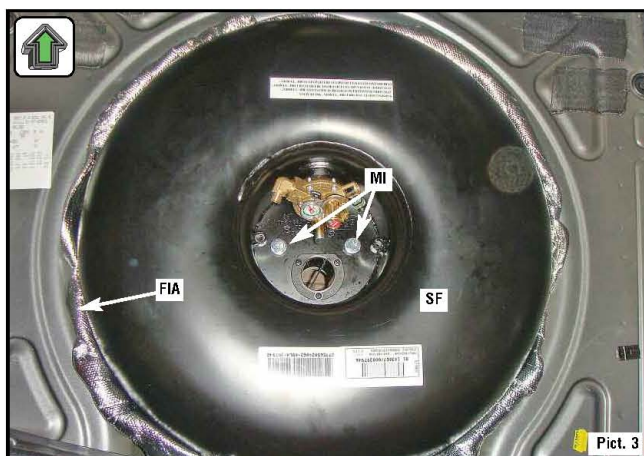


Cut a part of the fixing of spare wheel compartment bottom (dashed lines).
Realize breather holes [FS] and holes for tank fixing screws [VF] into the spare wheel compartment (pict. 1).

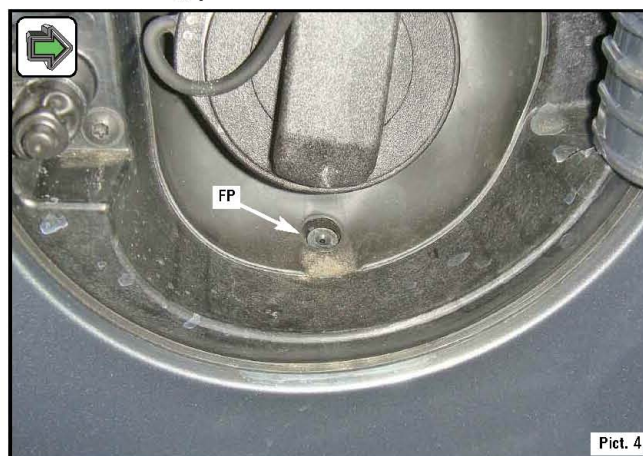


Place insulating sheet [FI] suitably cutted in the middle and tank bracket [SS] (pict. 2).

2 - B1 refuelling point



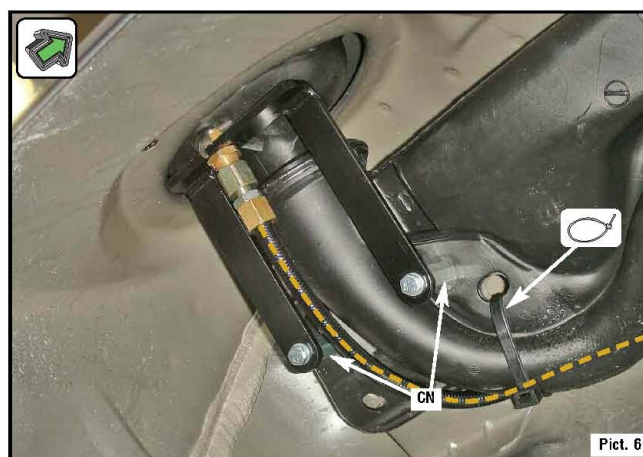
Put tank into the spare wheel compartment, with its multivalve turning towards the vehicle rear side, and place fixing small parts [MI]. Fix breather [SF] using three Parker screws and roll exceeding part of insulating sheet [FIA] up between tank and vehicle (pict. 3).



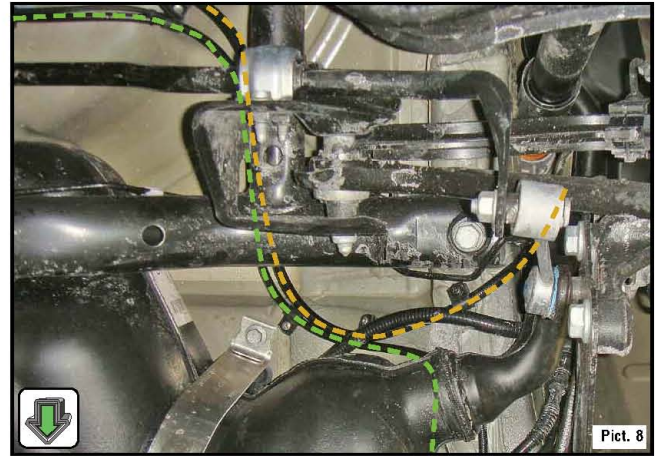
Detect fixing point of refuelling point, below the petrol filler [FP] (pict. 4).



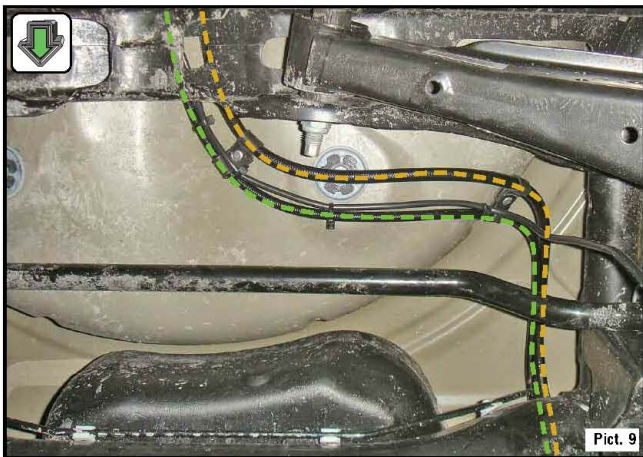
Eliminate drain pipe situated as shown in picture 4 and enlarge hole in order to install refuelling point (pict. 5).



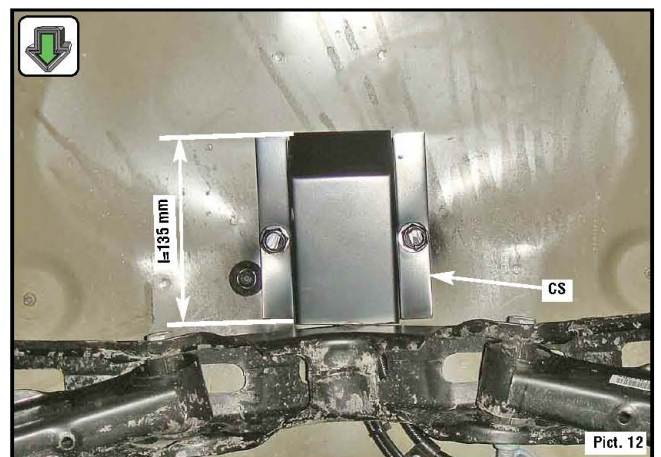
Fix refuelling point bracket to the vehicle where shown in picture 6, using the two spacer bars [CN] provided.
Fix refuelling point to the bracket and connect flexible pipe $\varnothing 6,3$ mm on it.
Address gas pipe (orange dashed line) towards the tank breather, fixing it along the petrol refuelling pipe with some clamps (pictures 6 and 7).



Flexible pipe ø5 mm with harness



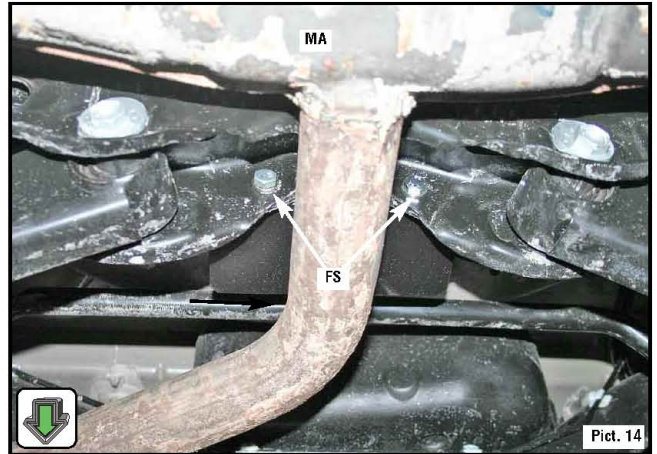
Flexible pipe ø 5 mm (green dashed line) passes above suspension bar (pict. 9), to the right of the petrol tank (pict. 10) and along the original pipe-clamps (entering then into the fairlead, pict. 11), up to reach the engine compartment.
Join flexible pipe ø 5 mm together with harness, using plastic clamps every roughly 15-20 cm.



Fix tank and duct [CS] with nuts and washers M12. Cut projecting part of tank screws and paint cuttings black (pict. 12).



Reassemble original guard protecting vehicle from muffler heat (pict. 13).



At points [FS] shown in picture on rear suspensions, fix suitable guard that furtherly protect gas pipe from the muffler (pict. 14).
Reassemble vehicle muffler.