



**Vogels**  
Autogas Systems

# Katalog

**Vialle**



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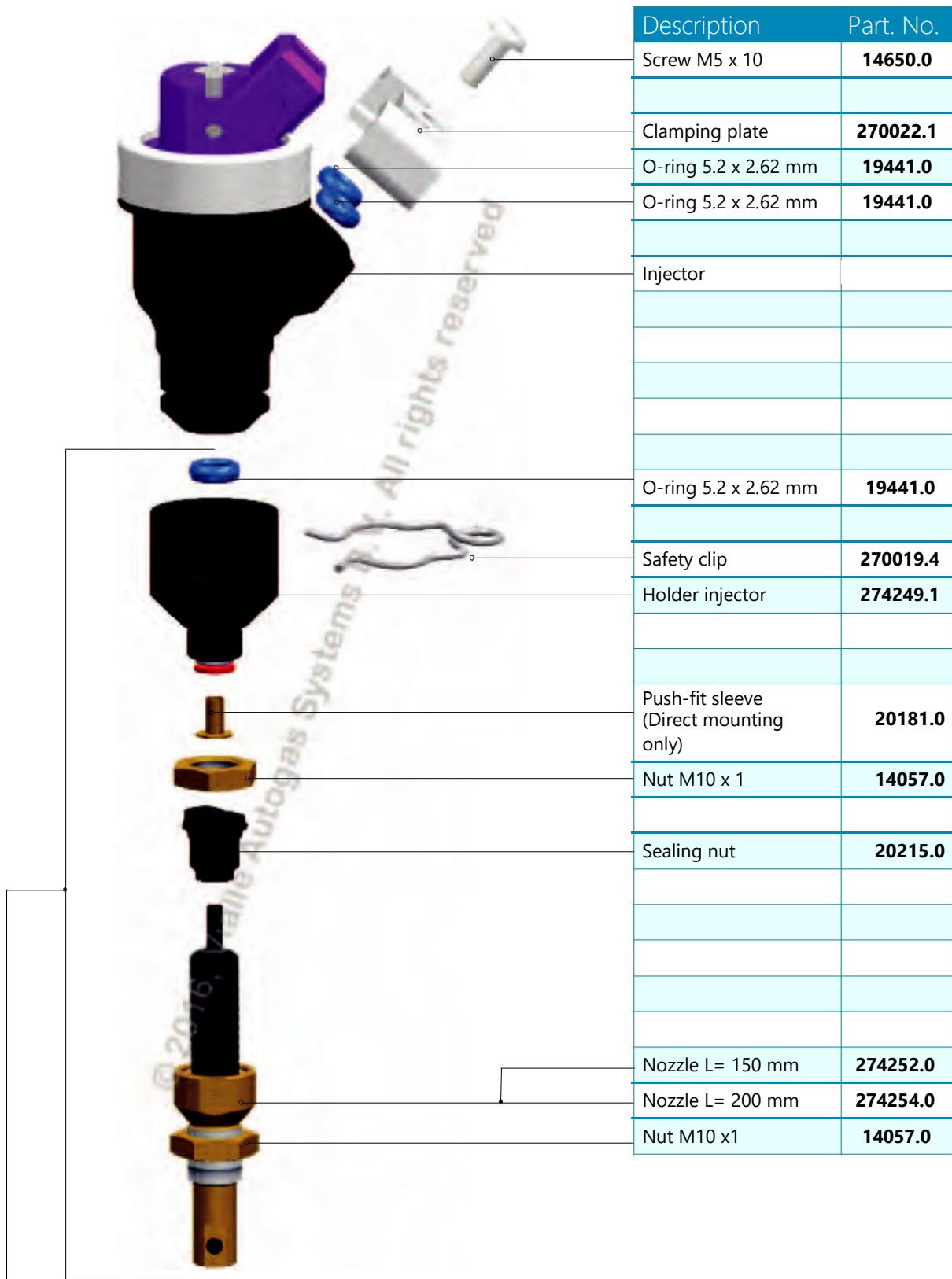
# Exploded view adapter



Description	Part. No.
Injector	
O-ring 5.2 x 2.62 mm	<b>19441.0</b>
Screw M5 x 10	<b>14650.0</b>
O-ring 5.2 x 2.62 mm	<b>19441.0</b>
Clamping plate	<b>270022.1</b>
O-ring 3.0 x 1.5 mm	<b>19485.0</b>
Discharge pipe	
O-ring 8.0 x 1.5 mm	<b>19493.0</b>
O-ring 8.0 x 1.5 mm	<b>19493.0</b>
O-ring 14.0 x 3.0 mm	<b>19487.0</b>
Adapter	
Safety clip	<b>270019.4</b>
Support ring	<b>18757.1</b>
O-ring 12.0 x 3.0 mm	<b>19492.0</b>

# Exploded view 3-in-1 adapter

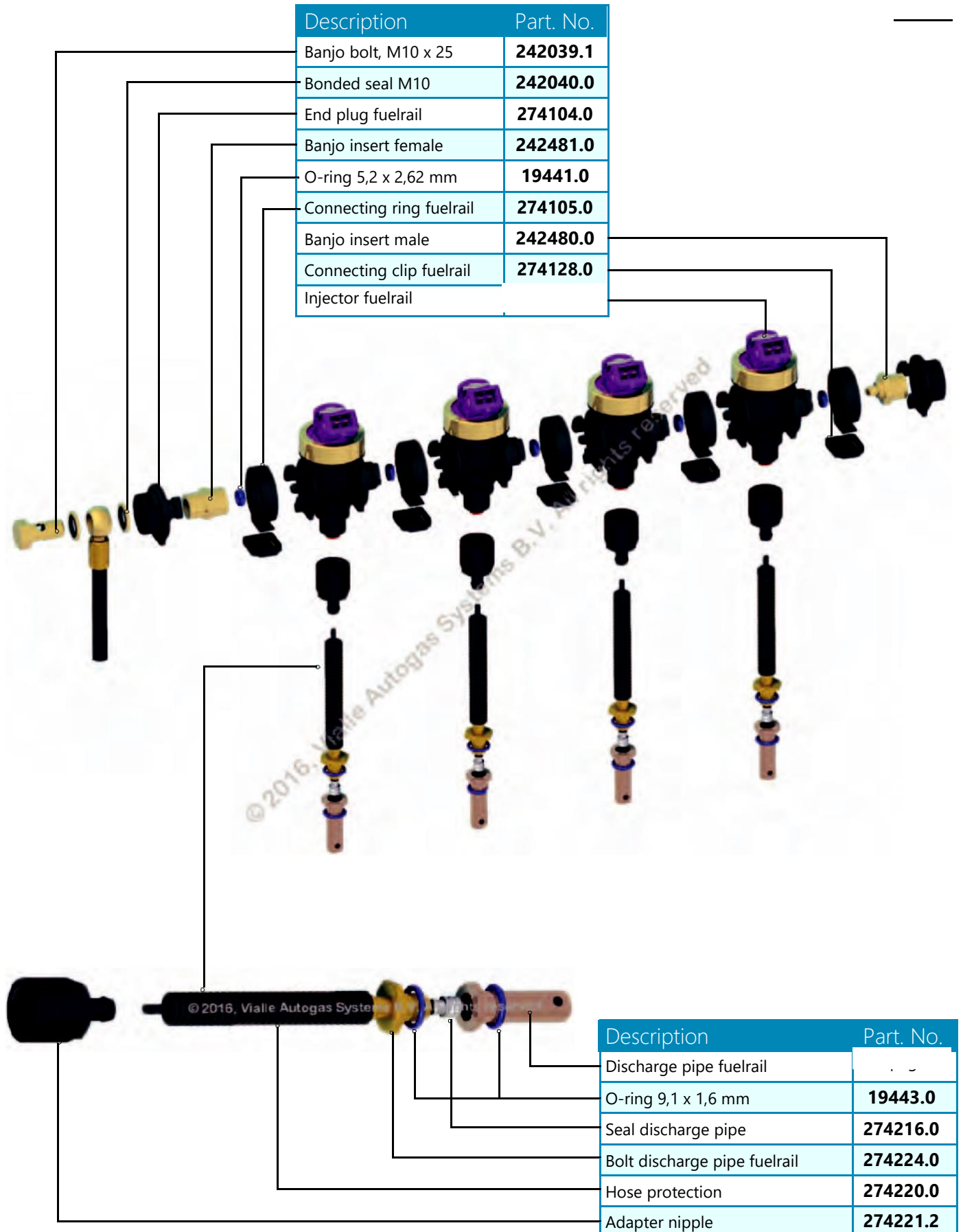
Assembly manual: 2211000.4



Description	Part. No.
Screw M5 x 10	<b>14650.0</b>
Clamping plate	<b>270022.1</b>
O-ring 5.2 x 2.62 mm	<b>19441.0</b>
O-ring 5.2 x 2.62 mm	<b>19441.0</b>
Injector	
O-ring 5.2 x 2.62 mm	<b>19441.0</b>
Safety clip	<b>270019.4</b>
Holder injector	<b>274249.1</b>
Push-fit sleeve (Direct mounting only)	<b>20181.0</b>
Nut M10 x 1	<b>14057.0</b>
Sealing nut	<b>20215.0</b>
Nozzle L= 150 mm	<b>274252.0</b>
Nozzle L= 200 mm	<b>274254.0</b>
Nut M10 x1	<b>14057.0</b>

Description	Part. No.
Injector assembly L= 150 mm	<b>274253.1</b>
Injector assembly L= 200 mm	<b>274255.0</b>

# Exploded view fuelrail



# Injector, Injector fuelrail & Set fuelrail



Injector	Yellow V12	Blue K15*	Brown V17	White V20	Dark brown V28
color:					
Part. No.	1 pcs. <b>272682.1</b>	<b>2721183.0</b>	<b>272684.1</b>	<b>272685.1</b>	<b>272950.1</b>
	Set of 12 pcs.	<b>2721193.0</b>			

\* V15 is superseded by K15; please refer to infobulletin ALG19004.



Injector fuelrail	Yellow V12	Purple V15	Brown V17	White V20	Dark brown V28
color:					
Part. No.	1 pcs. <b>274121.1</b>	<b>274122.1</b>	<b>274123.1</b>	<b>274124.1</b>	<b>274129.1</b>



Set fuelrail	Yellow V12	Brown V17	White V20	Dark brown V28
color:				
Part. No.				
Set fuelrail 1x	<b>272900.0</b>	<b>272915.0</b>	<b>272892.0</b>	<b>272991.0</b>
Set fuelrail 2x	<b>272901.0</b>	<b>272916.0</b>	<b>272893.0</b>	<b>272992.0</b>
Set fuelrail 3x	<b>272902.0</b>	<b>272917.0</b>	<b>272894.0</b>	<b>272993.0</b>
Set fuelrail 4x	<b>272903.0</b>	<b>272918.0</b>	<b>272895.0</b>	<b>272994.0</b>

# Discharge pipe



Discharge pipe 90°	Part. No.
L= 18 mm	<b>270146.0</b>

\* 1 groove under O-rings



Discharge pipe 90°	Part. No.
L= 21 mm	<b>270147.0</b>

\* 2 groove under O-rings



Discharge pipe 90°	Part. No.
L= 25 mm	<b>270148.0</b>

\* 3 groove under O-rings



L= 25mm	<b>270150.0</b>
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\* 1 wide (1 mm) groove under O-rings



Discharge pipe 70°	Part. No.
L= 25mm	<b>270151.0</b>

\* 1 wide (2 mm) groove under O-rings



Nozzle with adapter	Part. No.
	<b>274260.0</b>



Nozzle threaded	Part. No.
L= 150 mm	<b>274240.1</b>
* excluding Nut M10 x 1	
Nut M10 x 1	<b>14057.0</b>



Discharge pipe fuelrail	Part. No.
L= 200 mm	<b>274233.2</b>
L= 250 mm	<b>274239.0</b>

\* Tool 27890.0 required



Discharge pipe set	Part. No.
L= 200 mm	<b>274225.1</b>
L= 250 mm	<b>274226.0</b>

\* Tool 27890.0 required

# Adapter, Discharge hose set & Discharge hose Allfit



Adapter, adhesive	Part. No.
	<b>270074.0</b>



Adapter, short	Part. No.
	<b>270018.1</b>



Adapter, long	Part. No.
	<b>270119.0</b>



Plug, adapter	Part. No.
	<b>16804.0</b>



Lead-through Injector pipe	Part. No.
	<b>274247.1</b>



Olive assembly For allfit hose	Part. No.
	<b>270235.0</b>



Discharge hose set L= 200 mm (8x)	Part. No.
	<b>270145.0</b>



Discharge hose set L= 200 mm (8x clamp)	Part. No.
	<b>270260.0</b>



Hose allfit, fuelrail 3,0 x 1,0	Part. No.
	<b>274222.0</b>

\* Ordering per meter

# Intermediate plate



Intermediate plate assembly	Part. No.
World Engine 2.0 / 2.4i 16V	<b>270226.0</b>
* O-ring 62,0 x 3,0 mm	<b>19323.0</b>

\* 4 pieces required



Intermediate plate assembly	Part. No.
BMW N42 / N46	<b>270180.2</b>
* O-ring 48,0 x 3,0 mm	<b>19313.0</b>

\* 4 pieces required





# LPG fuelline



Fuelrail lines, B/B	Part. No.
L= 100 mm	<b>242483.0</b>
L= 125 mm	<b>242484.0</b>
L= 150 mm	<b>242485.0</b>
L= 200 mm	<b>242490.0</b>
L= 250 mm	<b>242491.0</b>
L= 300 mm	<b>242492.0</b>
L= 350 mm	<b>242493.0</b>
L= 400 mm	<b>242494.0</b>
L= 450 mm	<b>242495.0</b>
L= 500 mm	<b>242496.0</b>
L= 550 mm	<b>242497.0</b>
L= 600 mm	<b>242498.0</b>
L= 650 mm	<b>242499.0</b>
L= 700 mm	<b>242514.0</b>
L= 750 mm	<b>242515.0</b>
L= 800 mm	<b>242516.0</b>
L= 850 mm	<b>242517.0</b>
L= 900 mm	<b>242518.0</b>
L= 1000 mm	<b>242519.0</b>
L= 1250 mm	<b>242521.0</b>

Injector lines, S/S	Part. No.
L= 100 mm	<b>242433.0</b>
L= 125 mm	<b>242438.0</b>
L= 150 mm	<b>242068.0</b>
L= 160 mm	<b>242140.0</b>
L= 170 mm	<b>242141.0</b>
L= 180 mm	<b>242135.0</b>
L= 190 mm	<b>242150.0</b>
L= 200 mm	<b>242134.0</b>
L= 250 mm	<b>242142.0</b>
L= 300 mm	<b>242152.0</b>
L= 350 mm	<b>242439.0</b>
L= 400 mm	<b>242440.0</b>
L= 450 mm	<b>242421.0</b>
L= 500 mm	<b>242430.0</b>
L= 600 mm	<b>242180.0</b>
L= 700 mm	<b>242437.0</b>
L= 750 mm	<b>242523.0</b>
L= 1000 mm	<b>242524.0</b>
L= 1100 mm	<b>242522.0</b>

Injector lines, B/S	Part. No.
L= 250 mm	<b>242315.0</b>
L= 300 mm	<b>242178.0</b>
L= 400 mm	<b>242151.0</b>
L= 450 mm	<b>242170.0</b>
L= 500 mm	<b>242211.0</b>
L= 550 mm	<b>242145.0</b>
L= 600 mm	<b>242073.0</b>
L= 650 mm	<b>242074.0</b>
L= 700 mm	<b>242076.0</b>
L= 750 mm	<b>242442.0</b>
L= 800 mm	<b>242078.0</b>
L= 850 mm	<b>242075.0</b>
L= 900 mm	<b>242324.0</b>
L= 950 mm	<b>242331.0</b>
L= 1000 mm	<b>242147.0</b>
L= 1100 mm	<b>242213.0</b>
L= 1250 mm	<b>242443.0</b>

# Universal injector hose



Universal injector hose, Ø 8 mm	Part. No.
L= 50 mtr.	<b>7233.0</b>

Insulation hose	Part. No.
D= 21,1 mm	<b>242414.0</b>
D= 25,4 mm	<b>242009.0</b>

\* Ordering per meter



Inner shell, Ø 8 mm	Part. No.
Set of 50 pcs.	<b>8261.1</b>

Olive, Ø 8 mm	Part. No.
Set of 50 pcs.	<b>8262.1</b>

Outer shell, Ø 8 mm	Part. No.
Set of 50 pcs.	<b>8263.1</b>



Pillar banjo, Ø 8 mm	Part. No.
Set of 25 pcs.	<b>8264.1</b>

Pillar straight, Ø 8 mm	Part. No.
Set of 25 pcs.	<b>8265.1</b>

Flair inverted, Ø 8 mm	Part. No.
Set of 5 pcs.	<b>8268.0</b>

# Coupling block, Fuelline coupling unit, Fuelline connection unit & Fuel Selector Unit



Coupling block, LPe4/5/6	Part. No.
LPi - PTC	<b>240020.7</b>



Coupling block, LPe7	Part. No.
LPi - PTC	<b>240030.0</b>



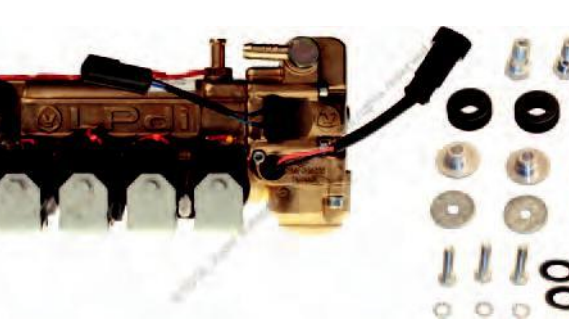
Fuelline coupling unit	Part. No.
LPi / LPfi - PTS / PTS48	<b>240035.0</b>



Fuelline connection unit	Part. No.
LPfi - PTS / PTS48	<b>240055.0</b>



Fuel Selector Unit, FSU-2	Part. No.
LPdi - FSU version2	<b>240050.3</b>



Fuel Selector Unit, FSU-3	Part. No.
LPdi - FSU version3	<b>350050.1</b>

# Set assembly universal, Bonded seal Banjo bolt & Hose pillar FSU



Set assembly universal, LPI	Part. No.
Coupling block / unit - Connection unit	<b>240411.2</b>

Set assembly universal, FSU	Part. No.
LPdi - version2 / version3	<b>240433.1</b>



Bonded seal M10	Part. No.
LPi / LPfi	<b>242040.0</b>
LPdi	<b>242722.0</b>



Banjo bolt, M10x25	Part. No.
LPi / LPfi / LPdi	<b>242039.1</b>



Banjo bolt, double	Part. No.
LPi / LPfi	<b>242089.0</b>



Banjo bolt, filter	Part. No.
LPdi - FSU	<b>350007.2</b>
* 1 carving - HP1	



Banjo bolt, orifice	Part. No.
LPdi - FSU	<b>350008.1</b>
* 2 carvings - GOUT	



Hose pillar banjo	Part. No.
LPdi - FSU version3	<b>242716.1</b>



# Shut-off valve, Revisionset Hitachi High Pressure pump, Set service coupling block



Shut-off valve, Coupling block LPe6	Part. No.
LPI - PTC, connector Econoseal 11W	<b>3429.0</b>



Shut-off valve, Coupling block LPe7	Part. No.
LPI - PTC, connector Superseal 11W	<b>3453.0</b>



Shut-off valve, 11W	Part. No.
LPfi - PTS / PTS48	<b>3474.1</b>

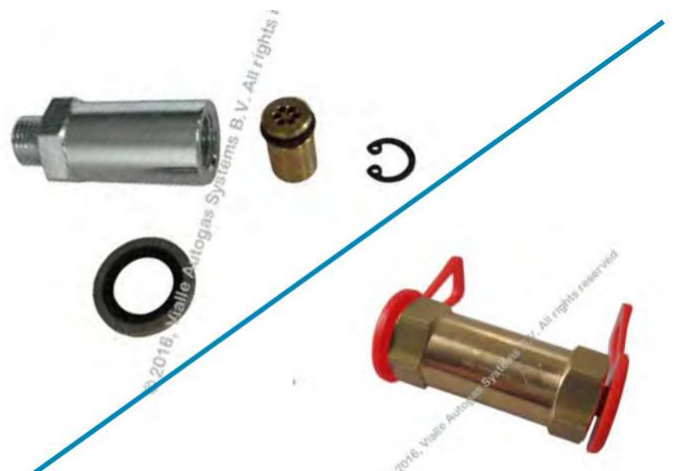


Shut-off valve, FSU	Part. No.
LPdi - version2 / version3	<b>3475.0</b>



Revisionset Hitachi HP-pump	Part. No.
LPdi	<b>8258.0</b>

\* Tool 350028.0 required



Set service Non Return Valve, M10	Part. No.
Male - Female	<b>8237.1</b>
Female - Female	<b>8281.0</b>

# Pressure sensor & Interrupt relay



Pressure sensor, Coupling block	Part. No.
LPI - PTC	<b>240428.1</b>

Pressure sensor, FSU	Part. No.
LPI - version2 / version3	<b>250627.1</b>



Set interrupt relay, LPe6	Part. No.
LPI	<b>8216.0</b>

Interrupt relay, LPe6	Part. No.
LPI	<b>207349.3</b>



Interrupt relay with spools, LPe6	Part. No.
LPI	<b>207139.1</b>

Wiringloom for interrupt relay, LPe6	Part. No.
LPI	<b>9937.1</b>

# Replacement resistor, Engine running module, Set relay 5 pin, LPdi interface & Lambda convertor Volvo



Replacement resistors, LPe7	Part. No.
LPi	<b>207488.1</b>



Engine running module, LPe7	Part. No.
LPi	<b>207457.4</b>



Set relay 5 pin waterproof	Part. No.
LPi / LPdi	<b>9820.1</b>



Change-over relay 5 pin, AMS	Part. No.
* with fixing bracket	<b>1180.0</b>



LPdi interface v4.4	Part. No.
LPdi - version2 / version3	<b>350060.4</b>



Lambda control system convertor	Part. No.
AMS - Volvo	<b>16557.2</b>

# LPe & Fuel selection Switch



LPe4, LPi	Part. No.
master SW: 205911.1	<b>202262.9</b>



LPe6.4, LPi (4-cyl)	Part. No.
master SW: 205912.3	<b>202640.0</b>



LPe6.6, LPi (5/6-cyl)	Part. No.
master SW: 205913.3	<b>202660.0</b>

\* Possible to download calibrationfile with LDT-program and tool



LPe7, LPi - LPfi	Part. No.
master SW: 206920.8	<b>202700.0</b>



LPe7, LPdi + FSU-2	Part. No.
master SW: 206962.0	<b>3508002.0</b>



LPe7, LPdi + FSU-3	Part. No.
master SW: 206963.1	<b>3508003.1</b>

\* Possible to download mastersoftware & calibrationfile with LDT-program and tool



Switch AMS	Part. No.
L= 3000 mm	<b>9717.2</b>



Switch LPe4/5/6	Part. No.
LPi	<b>16706.4</b>



Switch LPe7	Part. No.
LPi / LPfi / LPdi	<b>207530.2</b>



# Brackets Coupling block & Connection unit



Bracket universal, Coupling block	Part. No.
LPI - PTC	<b>21181.0</b>



Bracket universal, Coupling block	Part. No.
LPI - PTC	<b>21260.0</b>



Bracket universal, Coupling block	Part. No.
LPI - PTC	<b>21308.0</b>



Bracket universal, Coupling block	Part. No.
LPI - PTC	<b>21318.0</b>



Bracket universal, Coupling block	Part. No.
LPI - PTC	<b>21324.0</b>

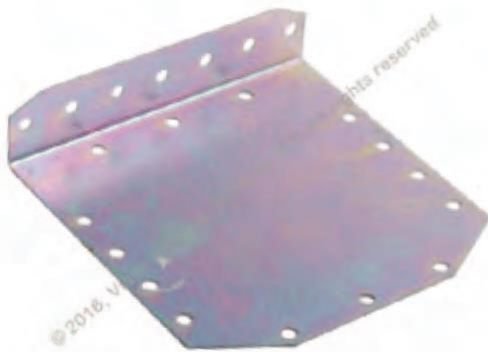


Bracket universal, Connection unit	Part. No.
LPI / LPfi - PTS / PTS48	<b>21425.0</b>

# Brackets Fuelrail, LPe7, Injector & FSU



Bracket fuelrail	Part. No.
1 cylinder	<b>21383.0</b>
2 cylinder	<b>21357.0</b>
3 cylinder	<b>21358.0</b>
4 cylinder	<b>21359.0</b>
6 cylinder	<b>21408.0</b>



Bracket universal, LPe7	Part. No.
Short	<b>21350.0</b>



Bracket universal, Injector	Part. No.
3 in 1 adapter	<b>21409.0</b>

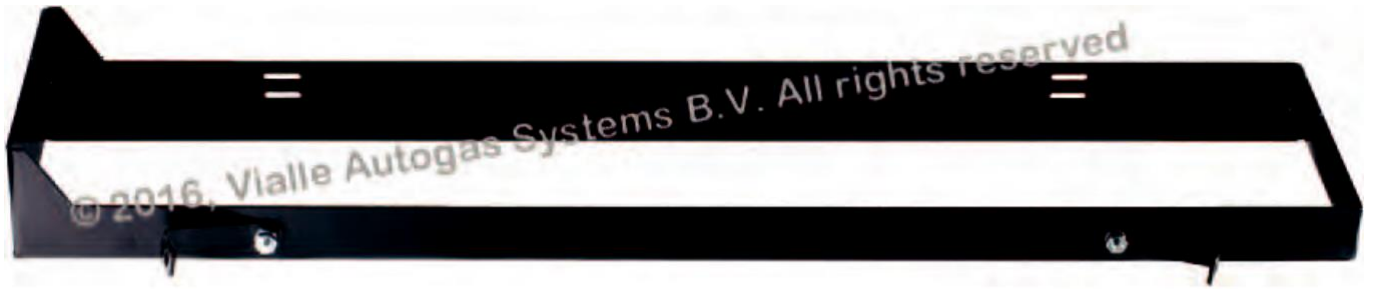


Bracket universal, FSU	Part. No.
LPdi - version2 / version3	<b>21450.0</b>



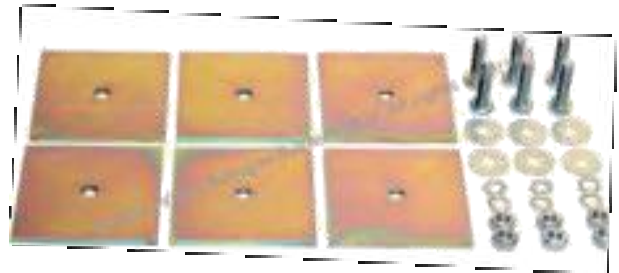
Bracket universal, FSU	Part. No.
LPdi - version2 / version3	<b>21442.1</b>

# Tankframe cylindrical

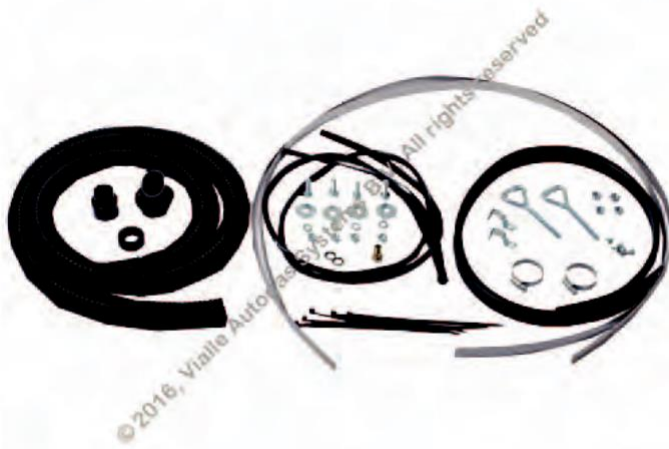


Tankframe, cylindrical tank	Part. No.
55Ltr. D= 360 mm	81721.0
60Ltr. D= 320 mm	81723.0
70Ltr. D= 320 mm	81725.1
70Ltr. D= 360 mm	81726.0
85Ltr. D= 360 mm	81727.2
100Ltr. D= 360 mm	81836.1
118Ltr. D= 450 mm	81875.0
130Ltr. D= 360 mm	81869.0
158Ltr. D= 450 mm	81872.0
178Ltr. D= 450 mm	81873.0

\* above 85Ltr, 4 straps used.



Supplementary kit tankframe, M10 (6x)	Part. No.
* cylindrical tank >85 Ltr.	8843.0



Mounting kit cylindrical tank, D= 315-360	Part. No.
2 straps, L= 1300 mm	250330.4



Mounting kit cylindrical tank, D= 450	Part. No.
4 straps, L= 1800 mm	250399.4

# Tankstraps cylindrical



Set mounting straps, cylindrical tank	Part. No.
L= 1300 mm (2x)	<b>8019.2</b>



Straps, cylindrical tank	Part. No.
L= 1300 mm (2x)	<b>7223.0</b>
L= 1800 mm (2x)	<b>7224.0</b>



Tankframe insulation	Part. No.
L= 1000 mm	<b>16141.0</b>



Tankstrap insulation	Part. No.
L= 1000 mm	<b>7021.0</b>



Tankstrap insulation, width	Part. No.
	<b>7026.0</b>

\* Ordering per meter



Bracket tankstrap	Part. No.
Cylindrical tankframe	<b>21460.0</b>



Bracket tensioning hook	Part. No.
Cylindrical tankframe	<b>20743.1</b>



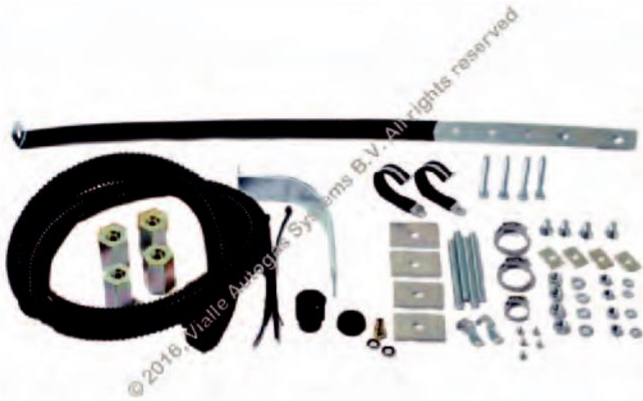
Tensioning hook	Part. No.
Cylindrical tankframe	<b>16107.1</b>

# Tank Toroidal



Mounting kit Toroidal tank	Part. No.
D= 600 - 720 mm	250329.2

\* Brackets and strips delivered with tank (3 pcs.)



Mounting kit Toroidal tank, under chassis	Part. No.
D= 600 - 720 mm, 4 strap mounting	250395.2

\* Brackets and strips delivered with tank (3 pcs.)

Mounting kit Toroidal tank, under chassis	Part. No.
D= 720 x H= 270 mm, 5 strap mounting	250647.2

\* Brackets and strips delivered with tank (3 pcs.)



Mounting kit Toroidal tank, centerfilled	Part. No.
TOP mounting	250527.2



Mounting kit Toroidal tank, centerfilled	Part. No.
BOTTOM mounting	250528.2

# Tank Toroidal



Mounting kit Toroidal tank, D= 600 - 720	Part. No.
3 straps	<b>8271.0</b>



Mounting strap Toroidal tank	Part. No.
D= 600 - 720 mm	<b>21348.0</b>
D= 720 x H= 270 mm	<b>21349.0</b>

Bracket Toroidal tank	Part. No.
D= 600 - 720 mm	<b>21262.0</b>



Socket screw, M10	Part. No.
L= 20 mm	<b>14702.0</b>
L= 40 mm	<b>14671.0</b>
L= 60 mm	<b>14714.0</b>



Spacer-C50, M10	Part. No.
H= 50 mm	<b>16797.1</b>

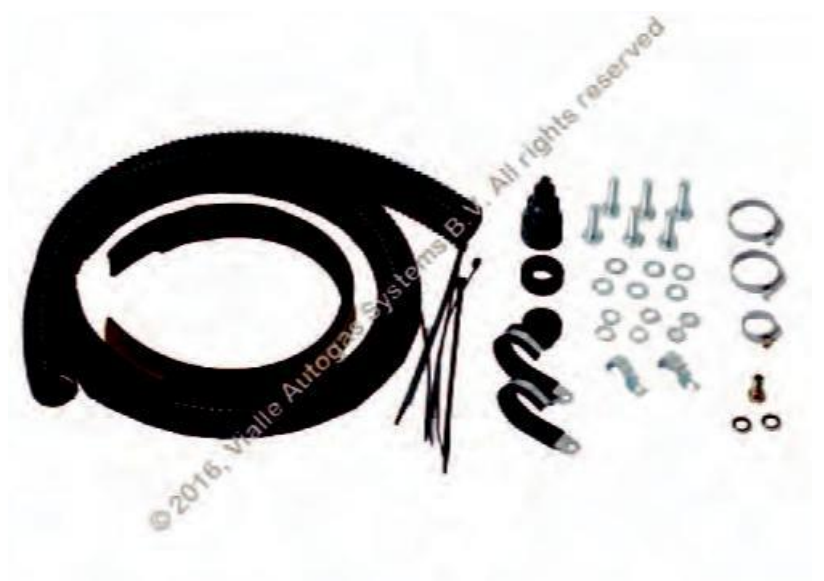


Supplementary kit	Part. No.
Toroidal tank, centerfilled	<b>8892.0</b>

# Twin tank, petrol gauge reset



Mounting kit twin tank	Part. No.
* under-chassis	250525.2



Petrol gauge reset kit	Part. No.
LPI / LPfi	8215.1





<b>PTC control</b>	<b>Part. No.</b>
LPi / LPdi / DirectBlue	<b>250879.1</b>



<b>Shut-off valve 8W, PTC / PTS / PTS48</b>	<b>Part. No.</b>
LPi / LPdi / LPfi	<b>3461.0</b>



<b>Tank Contents Metre, PTC / PTS / PTS48</b>	<b>Part. No.</b>
LPi / LPdi / LPfi	<b>8226.0</b>



<b>Wiringloom, PTS48</b>	<b>Part. No.</b>
LPi / LPfi	<b>207618.1</b>



<b>Bolt PTC control, M5x1.0</b>	<b>Part. No.</b>
LPi / LPdi	<b>14744.0</b>



<b>Pressure sensor</b>	<b>Part. No.</b>
LPi / LPfi	<b>250627.1</b>



<b>Clip TCM, PTS48</b>	<b>Part. No.</b>
LPfi	<b>20180.0</b>



# Brackets, plates, self-adhesive strip



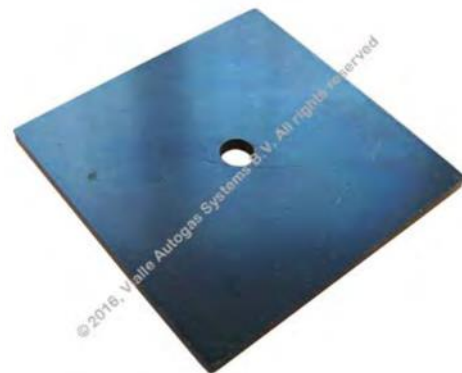
<b>Mounting strap Toroidal tank, centerfilled</b>	<b>Part. No.</b>
800 x 40 x 4 mm	<b>21351.0</b>



<b>Bracket Toroidal tank, centerfilled</b>	<b>Part. No.</b>
universal	<b>21427.0</b>



<b>Plate, 60 x 40 x 4 mm</b>	<b>Part. No.</b>
D= 12 mm	<b>20428.1</b>



<b>Plate, 100 x 100 x 5 mm</b>	<b>Part. No.</b>
D= 10,5 mm	<b>21298.1</b>



<b>Self-adhesive rubber strip, toroidal tank</b>	<b>Part. No.</b>
45 x 1 mm, L= 370 mm	<b>16743.2</b>



<b>Self-adhesive rubber strip, universal</b>	<b>Part. No.</b>
30 x 5 mm	<b>16083.0</b>

# Gas Tight Housing, Multivalve mounting



Gas Tight Housing	Part. No.
Multivalve PTC / PTS	<b>250651.0</b>



Bolt Gas Tight Housing	Part. No.
Multivalve PTC / PTS	<b>14731.0</b>



O-ring Gas Tight Housing	Part. No.
Multivalve PTC / PTS	<b>19493.0</b>



Bolt Multivalve, PTC / PTS	Part. No.
M8 x 20 mm	<b>14728.0</b>



O-ring Multivalve, PTC / PTS	Part. No.
D= 107,54 x 3,53 mm	<b>19457.0</b>



Wire clip	Part. No.
Multivalve PTC / PTS	<b>16923.0</b>



Set Gas Tight Housing	Part. No.
Multivalve PTS48	<b>8270.0</b>



Bolt Multivalve, PTS48	Part. No.
M5 x 35 mm	<b>14683.0</b>



Gasket Multivalve, PTS48	Part. No.
D= 50 x 2,6 mm	<b>19515.0</b>

# Ventilation hose, clamping brackets

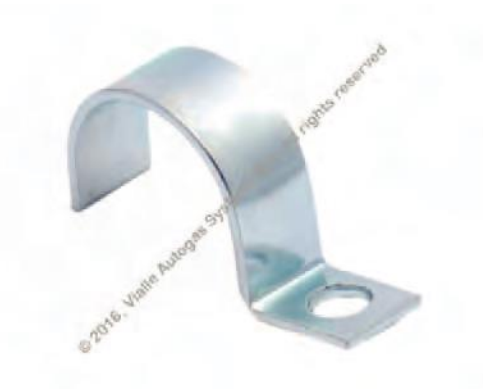


Ventilation hose	Part. No.
D= 32 mm	<b>7515.2</b>

\* Ordering per meter



Bulkhead fitting for ventilation hose	Part. No.
D= 32 mm	<b>250031.0</b>



Clamping bracket	Part. No.
D= 20,5 mm, Filler hose	<b>8069.0</b>
D= 24 mm, Fuel line kit	<b>16731.0</b>



Clamping bracket	Part. No.
D= 35 mm, Ventilation hose	<b>16657.0</b>

# Pump parts



<b>Pump cover Multivalve, PTC</b>	<b>Part. No.</b>
LPi / LPdi	<b>250512.2</b>



<b>Spacer pump cover Multivalve, PTC</b>	<b>Part. No.</b>
LPi / LPdi	<b>16999.2</b>



<b>Pump cover Multivalve, PTS48/2</b>	<b>Part. No.</b>
LPfi	<b>250742.0</b>



<b>Pump cover Multivalve, PTS48/3</b>	<b>Part. No.</b>
LPfi	<b>250853.0</b>



<b>Pump oil 1 Litre. PTC</b>	<b>Part. No.</b>
LPi / LPdi	<b>8225.1</b>



<b>Yellow seal wax, Multivalve</b>	<b>Part. No.</b>
	<b>8227.0</b>

# Filters, grommets



Filter replacement set	Part. No.
Fillerhose PTS48	8272.0



Filter replacement set	Part. No.
Multivalve PTS48/3	8249.0



Filter, Pump PTS	Part. No.
LPi / LPfi	250611.2



Filter housing , end cap	Part. No.
Multivalve PTS48/3	20190.0



Filter housing , circlip	Part. No.
Multivalve PTS48/3	20191.0



Filter, Multivalve PTS	Part. No.
LPi / LPfi	250602.0



Grommet appendage case	Part. No.
D= 32 mm, plastic	250296.1



O-ring 27.1 x 1.6 mm	Part. No.
* for grommet 250296.1	19408.0



Tank grommet	Part. No.
D= 32-20 mm	7343.0

# Servicing set MV-1

## Modification set MV<sub>48</sub> to MV<sub>48/3</sub>



Servicing set MV-1, Toroidal tank	Part. No.
universal	8222.0



Servicing set MV-1, Cylindrical tank	Part. No.
universal	8221.0



Servicing set MV-1, cartridge	Part. No.
* 5 pieces	8220.0



Modification set MV <sub>48</sub> to MV <sub>48/3</sub>	Part. No.
LPi / LPfi	8266.0

# Multivalve toroidal



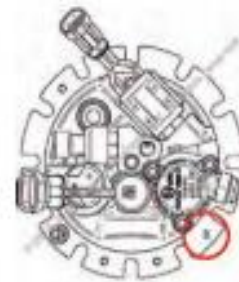
	Multivalve PTC (MV-2)		Multivalve PTS (MV-3)			Multivalve PTS <sub>48</sub>
	PTC-20(LPI)	PTC-60(LPdI)	PTS-30*	PTS-40	PTS-50	PTS-40
	Multivalve PTC (MV-2)		Multivalve PTS (MV-3)			Multivalve PT S <sub>48</sub>
180						310318.2
190						310320.2
200						310320.2
220						310322.2
225						310323.2
230	250590.0	350523.0		250809.0	250804.0	310323.2
240						310324.2
250	250591.0	350525.0		250810.0	250805.0	310325.2
270	250592.0	350527.0		250811.0	250806.0	310327.2
Pump	8223.1	350010.1	250795.0	250797.0	250799.0	250774.0
	Multivalve toroidal H(mm)		Multivalve PT S <sub>48</sub>			
200						310020.2
220						310022.2
230						310023.2
240						310024.2
250						310025.2
270						310027.2
Pump						250774.0

\* PTS-30 is superseded by PTS-40; please refer to infobulletin ALG11003.

# Multivalve cylindrical

Multivalve cylindrical D (mm)	Multivalve PTC (MV-2)		Multivalve PTS (MV-3)			Multivalve PTS <sub>4,8</sub>
	PTC-20 (LPi)	PTC-60 (LPdi)	PTS-30*	PTS-40	PTS-50	PTS-40
200						Multivalve PTS <sub>4,8</sub>
244						310120.2
270						310124.2
300						310127.2
315						310130.2
320	250588.0	350532.0		250807.0	250801.0	310132.2
360	250589.0	350536.0		250808.0	250802.0	310136.2
400						310140.2
450 (with PRV)	250863.0				250869.0	
450 (ex. PRV)	250857.1				250843.0	
Twintank D 360/315	250598.0				250883.0	
Pump	8223.1	350010.1	250796.0	250798.0	250800.0	250774.0

\* PTS-30 is superseded by PTS-40; please refer to infobulletin AL G11003.



Pump code overview :

- 30 = PTC (LPi)
- 20 = PTC-EL (LPi 2008- ->)
- 30 = PTS (LPi)
- 40 = PTS & PTS-48 (LPfi >140kW)
- 50 = PTS (LPfi High capacity 140-210kW)
- 60 = PTC (LPdi / DirectBlue)

Pump code position





# Tank LPG PTC (MV-2) / PTS (MV-3)



Tank LPG, Toroidale	Part. No.
TANK LPG TOR 47L-D600xH230, 67R010432 STAKO	3842347.0
TANK LPG TOR 52L-D600xH250, 67R010433 STAKO	3842552.0
TANK LPG TOR 52L-D630xH230, 67R010432 STAKO	3852352.0
TANK LPG TOR 55L-D650xH230, 67R010584 STAKO	3852355.0
TANK LPG TOR 58L-D630xH250, 67R010433 STAKO	3852558.0
TANK LPG TOR 61L-D650xH250, 67R010585 STAKO	3842561.0
TANK LPG TOR 67L-D650xH270, 67R010586 STAKO	3852767.0
TANK LPG TOR 70L-D720xH230, 67R010584 STAKO	3852370.0
TANK LPG TOR 83L-D720xH270, 67R010586 STAKO	3842783.0

Tank LPG, Toroidale centerfilled ( UP = mounting brackets on top )	Part. No.
TANK LPG TOR-CF-UP 51L-D600xH230, 67R010722 STAKO	3842351.0
TANK LPG TOR-CF 55L-D630xH230, 67R010722 STAKO	3842355.0
TANK LPG TOR-CF-UP 56L-D600xH250, 67R010724 STAKO	3842556.0
TANK LPG TOR-CF 59L-D650xH230, 67R010726 STAKO	3842359.0
TANK LPG TOR-CF 62L-D630xH250, 67R010724 STAKO	3842562.0
TANK LPG TOR-CF 65L-D650xH250, 67R010728 STAKO	3842565.0
TANK LPG TOR-CF 72L-D650xH270, 67R010729 STAKO	3842772.0
TANK LPG TOR-CF 88L-D720xH270, 67R010729 STAKO	3842788.0
TANK LPG TOR-CF-UP 88L-D720xH270, 67R010729 STAKO	3842788.5

Tank LPG, Cylindrical	Part. No.
TANK LPG CYL 55L-D360xL632, 67R011019 STAKO	3853655.0
TANK LPG CYL 60L-D320xL869, 67R010574 STAKO	3843260.0
TANK LPG CYL 60L-D360xL686, 67R010430 STAKO	3843660.0
TANK LPG CYL 70L-D320xL1004, 67R010574 STAKO	3843270.0
TANK LPG CYL 70L-D360xL789, 67R010430 STAKO	3843670.0
TANK LPG CYL 85L-D360xL944, 67R010430 STAKO	3843685.0
TANK LPG CYL 100L-D360xL1099, 67R010430 STAKO	3843610.0
TANK LPG CYL 130L-D360xL1411, 67R010430 STAKO	3843613.0
TANK LPG CYL 118L-D450xL861 67R01-0678 STAKO	3854512.0
TANK LPG CYL 158L-D450xL1119 67R01-0678 STAKO	3854516.0
TANK LPG CYL 178L-D450xL1248 67R01-0678 STAKO, WITH EXTERNAL PRV	3844518.0
TANK LPG CYL 130L-D360/315xL809/914 67R01-0545 STAKO, TWIN	3846813.0

# Tank LPG PTS48 (MV48)



Tank LPG, Toroidale	Part. No.
TANK LPG TOR-MV48 31L-D550xH180, 67R010857 MRD	9811831.0
TANK LPG TOR-MV48 37L-D600xH200, 67R01612501 MRD	9811837.0
TANK LPG TOR-MV48 43L-D630xH190, 67R010440 STAKO	7811943.0
TANK LPG TOR-MV48 44L-D580xH220, 67R010859 MRD	9812244.0
TANK LPG TOR-MV48 51L-D650xH200, 67R010864 MRD	9812051.0
TANK LPG TOR-MV48 52L-D630xH220, 67R010859 MRD	9812252.0
TANK LPG TOR-MV48 53L-D630xH225, 67R010444 STAKO	7812253.0
TANK LPG TOR-MV48 54L-D600xH250, 67R010862 MRD	9812554.0
TANK LPG TOR-MV48 55L-D630xH230, 67R010860 MRD	9812355.0
TANK LPG TOR-MV48 60L-D630xH250, 67R010862 MRD	9812560.0
TANK LPG TOR-MV48 60L-D650xH230, 67R010866 MRD	9812360.0
TANK LPG TOR-MV48 88L-D720xH270, 67R010630 STAKO	7812788.0

Tank LPG, Toroidale centerfilled	Part. No.
TANK LPG EXT-MV48 44L-D600xH200, 67R010882 MRD	9812044.0
TANK LPG EXT-MV48 50L-D600xH220, 67R010883 MRD	9812250.0
TANK LPG EXT-MV48 65L-D720xH200, 67R010888 MRD	9812065.0
TANK LPG EXT-MV48 66L-D650xH240, 67R010891 MRD	9812466.0
TANK LPG EXT-MV48 72L-D720xH220, 67R010889 MRD	9812272.0
TANK LPG EXT-MV48 76L-D650xH270, 67R010893 MRD	9812776.0

Tank LPG, Cylindrical	Part. No.
TANK LPG CYL MV48 41L-D300xL648, 67R010872 MRD	9813041.0
TANK LPG CYL-MV48 46L-D315xL623, 67R010873 MRD	9813246.0
TANK LPG CYL-MV48 50L-D360xL564, 67R010874 MRD	9813650.0
TANK LPG CYL-MV48 55L-D315xL753, 67R010873 MRD	9813255.0
TANK LPG CYL-MV48 61L-D315xL820, 67R010873 MRD	9813261.0
TANK LPG CYL-MV48 69L-D315xL924, 67R010873 MRD	9813269.0
TANK LPG CYL-MV48 70L-D360xL758, 67R010874 MRD	9813670.0

# Filler set, filler cover, filler cap



Filler set recessed, Bayonet	Part. No.
	16711.0



Filler set recessed, ACME	Part. No.
	16933.0



Cover filler set recessed	Part. No.
	16659.0



Supplementary set cover filler	Part. No.
	8581.0



Filler cap, Bayonet	Part. No.
* with text "Autogas"	16587.0

# Filler valves



Filler valve type Bayonet, 90 degree	Part. No.
	7552.1



Filler valve type Bayonet, straight	Part. No.
	7847.2



Filler valve type ACME, 90 degree	Part. No.
* with screw cap	8012.0



Filler valve type ACME, straight	Part. No.
* with screw cap	921002500



Filler valve type Euro, 90 degree	Part. No.
1/2SAE	8025.0



Filler valve type Euro, straight	Part. No.
1/2SAE	8030.0

# Filler adaptors



Filler adaptor, Dish	Part. No.
	<b>8061.0</b>



Filler adaptor, Bayonet	Part. No.
	<b>7878.0</b>



Filler adaptor, ACME	Part. No.
	<b>8041.0</b>



Filler adaptor set ACME	Part. No.
Long	<b>20030.0</b>



Filler adaptor extension	Part. No.
L= 64 mm	<b>7498.2</b>



Nipple filler adaptor, M16 to W21,8	Part. No.
L= 74 mm	<b>8033.0</b>

# Filler valve Tomasetto, adaptor filler hose



Kit basic Tomasetto, type1	Part. No.
M10	8399.1



Kit basic Tomasetto, type2	Part. No.
M14	8799.0



Filler valve Tomasetto, type1	Part. No.
M10	8011.0



Filler valve Tomasetto, type2	Part. No.
M14	8021.0



Kit basic Tomasetto, with housing	Part. No.
Dish	8032.0



Adaptor set filler hose, Tomasetto	Part. No.
L= 73 mm	8890.0



Bonded seal, M12	Part. No.
	250015.0



Adaptor filler hose, short	Part. No.
Tomasetto, L= 36 mm	17547.0



Adaptor filler hose, long	Part. No.
Tomasetto, L= 73 mm	17543.0

# Filler adaptor Tomasetto type1, M10



Filler adaptor Tomasetto type1, Dish	Part. No.
Short	7889.o



Filler adaptor Tomasetto type1, Dish	Part. No.
Long	8002.o



Filler adaptor Tomasetto type1, Bayonet	Part. No.
	7887.o



Filler adaptor Tomasetto type1, ACME	Part. No.
	7888.o



Nipple Filler adaptor, Tomasetto	Part. No.
Type2 to type1	8022.o

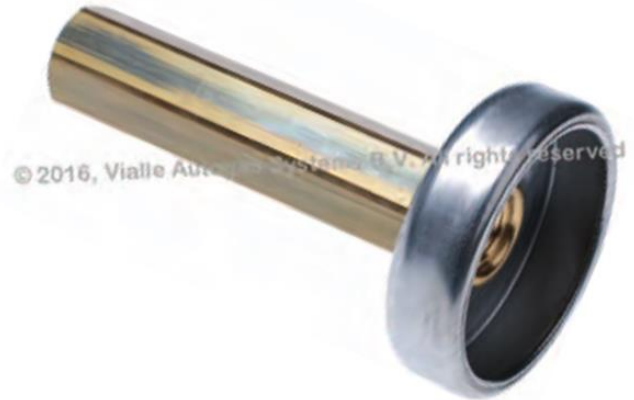


Filler adaptor Tomasetto type2, Euro	Part. No.
	8031.o

# Filler adaptor Tomasetto type2, M16



Filler adaptor Tomasetto type2, Dish	Part. No.
Short	<b>8020.0</b>



Filler adaptor Tomasetto type2, Dish	Part. No.
Long	<b>8023.0</b>



Filler adaptor Tomasetto type2, ACME	Part. No.
Short	<b>8018.0</b>



Filler adaptor Tomasetto type2, ACME	Part. No.
Long	<b>8029.0</b>



Adaptor filler hose Tomasetto type2, Bayonet	Part. No.
Short	<b>8017.0</b>



Adaptor filler hose Tomasetto type2, Bayonet	Part. No.
Long	<b>8028.0</b>



# Filler hose, adaptors



Filler hose, straight / 90°	Part. No.
L= 1000 mm	7722.3
L= 1250 mm	7723.3
L= 1500 mm	7724.3
L= 1750 mm	7725.3
L= 2000 mm	7726.3
L= 2500 mm	7727.3



Filler adaptor, M12x1 to 3/4 16UNF	Part. No.
PTS48	20145.0



Filler adaptor, 3/4 16UNF to M12x1	Part. No.
MV2, L= 55,5mm	17511.1



Squeeze nut, Ø 6 mm	Part. No.
M10x1	16274.0



Nut 1/4G, Ø 8 mm	Part. No.
Set of 25 pcs.	8255.0



Squeeze nut, Ø 8 mm	Part. No.
M12x1	20156.1



Cutting ring, Ø 8 mm	Part. No.
	20061.0

# Universal filling hose



<b>Universal filling hose, Ø 8 mm</b>	<b>Part. No.</b>
L= 50 mtr.	<b>250749.0</b>

<b>Clamping bracket , Ø 8 mm</b>	<b>Part. No.</b>
Universal filling hose	<b>20161.0</b>



<b>Nut universal filling hose, Ø 8 mm</b>	<b>Part. No.</b>
Set of 50 pcs.	<b>8252.0</b>

<b>Olive universal filling hose, Ø 8 mm</b>	<b>Part. No.</b>
Set of 50 pcs.	<b>8253.0</b>



<b>Connection 180° universal filling hose, Ø 8 mm</b>	<b>Part. No.</b>
Set of 25 pcs.	<b>8251.0</b>

<b>Connection 90° universal filling hose, Ø 8 mm</b>	<b>Part. No.</b>
Set of 25 pcs.	<b>8254.0</b>

# Bracket Tomasetto, support PTS48



Bracket filler valve, Tomasetto	Part. No.
Small	21423.0



Bracket filler valve, Tomasetto	Part. No.
Large	21426.0



Support bracket hoses, PTS48	Part. No.
LPi / LPfi	21455.0



# Heat shields, spacer set



Heat shield, aluminium	Part. No.
600 x 250 x 1,5 mm	<b>18809.1</b>
200 x 100 x 1,0 mm	<b>21221.0</b>



Heat shield foil, self adhesive	Part. No.
500 x 200 mm	<b>18825.1</b>



Steel spacer set, universal	Part. No.
4x5 - 4x10 - 4x20 mm	<b>8395.0</b>



# Fuel line kit



Fuel line kit, PTC	Part. No.
L= 4000 mm, LPi /LPdi	242701.2
L= 5000 mm, LPi /LPdi	242705.2
L= 5500 mm, LPi /LPdi	242707.2
L= 6500 mm, LPi /LPdi	242711.2



Fuel line kit, PTS	Part. No.
L= 4000 mm, LPi /LPfi	242801.2
L= 5000 mm, LPi /LPfi	242805.2
L= 5500 mm, LPi /LPfi	242807.2
L= 6500 mm, LPi /LPfi	242811.2



Fuel line kit, PTS48	Part. No.
L= 4000 mm, LPi /LPfi	242901.2
L= 5000 mm, LPi /LPfi	242905.2
L= 5500 mm, LPi /LPfi	242907.2
L= 6500 mm, LPi /LPfi	242911.2

# Wiring loom LPe4, LPe6, LPe7



Wiring loom LPe4, PTC	Part. No.
Short, LPi	207411.1
Long, LPi	207413.1



Wiring loom LPe6, PTC	Part. No.
Short, LPi	207471.2
Long, LPi	207474.2



Wiring loom LPe7, PTC	Part. No.
Short, LPi	207477.1
Long, LPi	207478.1

Wiring loom LPe7, PTS	Part. No.
Short, LPi / LPfi	207485.2
Long, LPi / LPfi	207486.2

# Wiring loom LPdi, LPe7 V8



Wiring loom LPdi, PTC	Part. No.
LPdi version2 / version3	207611.2



Wiring loom LPe7 v8, PTS	Part. No.
LPfi	207495.1

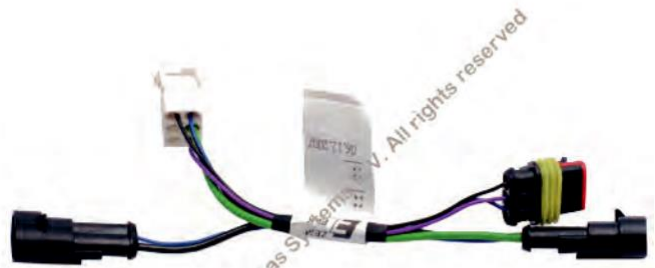


Wiring loom injector, LPe7	Part. No.
5e injector Green / Grey, L= 500 mm	207475.0
6e injector Green / Blue, L= 500 mm	207476.0

# Wiring loom adapter



Wiring loom adapter LPe7 , PTS to PTC	
LPI	Part. No. 207624.1



Wiring loom adapter, 2x3 / 2+6 pin	
LPI - Fuel line ABI to PTC	Part. No. 207458.0



Universal battery leads, LPe4	
L= 500 mm / LPI	Part. No. 207421.0
L= 1000 mm / LPI	Part. No. 207423.0



Wiring loom injector, LPe4	
L= 150 mm / LPI	Part. No. 207431.1
L= 700 mm / LPI	Part. No. 207433.1



Wiring extension, petrol injector	
LPI / LPfi	Part. No. 207364.0



Wiring loom pressure-sensor, PTC / PTS	
L= 150 mm, LPI / LPfi	Part. No. 207626.0



# Supplementary wiring loom set



Supplementary wiring loom set, LPe4	Part. No.
LPi	207321.1



Supplementary wiring loom set, LPe6	Part. No.
LPi	207479.1



Supplementary wiring loom set, LPe7	Part. No.
LPi / LPfi / LPdi	207459.3



Supplementary wiring loom set, LPe7 V8	Part. No.
LPi / LPfi 8-cylinder	207489.1

# Set revision Vaporiser F4/F5



Set revision Vaporiser F4/F5	Part. No.
* Non adjustable	6359.2

# Actuator, Auxiliary & Shut-off valve



Actuator, D= 10 mm	Part. No.
* Mounting on vaporiser	<b>9336.5</b>

Actuator, D= 10 mm	Part. No.
* Inserting into hose	<b>9338.3</b>



Water pipe set, 90°	Part. No.
D= 16 mm	<b>6719.0</b>

Vaporiser filter set	Part. No.
Vaporiser F4	<b>3433.0</b>

Gas exit assembly	Part. No.
17x15 inch	<b>6812.0</b>



Balance pipe, straight / 90°	Part. No.
D= 29 mm	<b>16619.0</b>

Squeeze nut, Ø 6 mm	Part. No.
M10x1	<b>16274.0</b>

Shut-off valve, Vaporiser F4	Part. No.
connector Econoseal 11W	<b>3429.0</b>

# Diagnostic Tool (LDT)



LPI Diagnostic Tool kit (LDT)	Part. No.
V2.5.1.4	8230.9



LPI Diagnostic Tool, Key	Part. No.
LPI / LPfi / LPdi	27900.1



LPI Diagnostic Tool, cable	Part. No.
L= 3000 mm	207640.1



# PTC-tank diagnosis, Programming cable LPe



Diagnosis wiring set, PTC-tank	Part. No.
LPi / LPdi	27868.0



Programming cable LPe	Part. No.
LPi / LPfi / LPdi	207548.0



# Tools Fuelrail, Drilling jig



Pop rivet hand pliers, adapter	Part. No.
Required for Part nrs. 274233.2 / 274239.0	27890.0



Assembly and disassembly Tool, Fuelrail	Part. No.
LPi / LPfi	27901.1



Stepped drill, Ø 9 / 15 mm, Fuelrail	Part. No.
	27918.1



Exchange cutter, Ø 15 mm, Fuelrail	Part. No.
	27923.1



Stepped drill, Ø 6 / 13 mm	Part. No.
	27927.1



Exchange cutter, Ø 13 mm	Part. No.
	27943.0



Countersink drill, 90°	Part. No.
* with centring boss	27925.0
Sharpened drill 27925.0	27934.0



<b>Compression jig, injector</b>		<b>Part. No.</b>
LPi / LPfi / LPdi		<b>27841.0</b>



<b>Auxiliary tool for High Pressure pump, D=44</b>		<b>Part. No.</b>
LPdi		<b>350028.0</b>



<b>Blow-off pipe, PTC</b>		<b>Part. No.</b>
LPi / LPdi		<b>27894.0</b>



<b>Tooling floater adjustment, PTS48</b>		<b>Part. No.</b>
LPi / LPfi		<b>20132.2</b>



<b>Tooling 3-in-1 adapter mounting</b>		<b>Part. No.</b>
LPi / LPfi / LPdi		<b>20204.0</b>

# Loctite 9466



Loctite glue gun	Part. No.
	27912.0



Loctite 9466 A&B, 50ml.	Part. No.
LPi / LPfi	2406.0



Loctite mixing tube	Part. No.
LPi / LPfi	27913.0







## 6. Accessories

Vialle document wallet	Part. No.
LPI/LPfi/LPdi	2394.0



Spare wheel cover	Part. No.
Large	16975.0



Tyre repair kit, Slime	Part. No.
	8235.1
Tyre repair bottle	2410.0

