M.T.M. s.r.l.

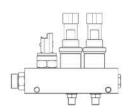
Via La Morra, 1 12062 - Cherasco (Cn) - Italy Tel. +39 0172 4860140 Fax +39 0172 488237

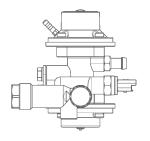




installation handbook - 1/3 installation typologies - 2/3 software handbook - 3/3

CNG Sequent Plug&Drive with BRC injectors and CNG Zenith Reducer



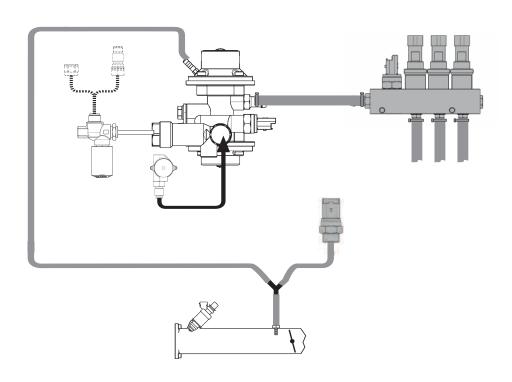




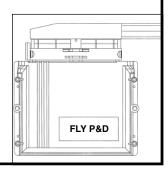


CNG SEQUENT PLUG&DRIVE MECHANICAL DIAGRAM ON VEHICLES WITH 3-CYLINDERS

Vehicle Type	Gas injectors	Front kit
3 Cylinders Aspirated ∆p 1600 mbar/Pow. max 45 kW ∆p 2000 mbar/Pow. max 50 kW or Supercharged ∆p 2000 mbar/Pow. max 60 kW	BRC NORMAL	09SM5000001G Zenith CNG Reductor CNG Valve "VMA3-E" MAP Sensor



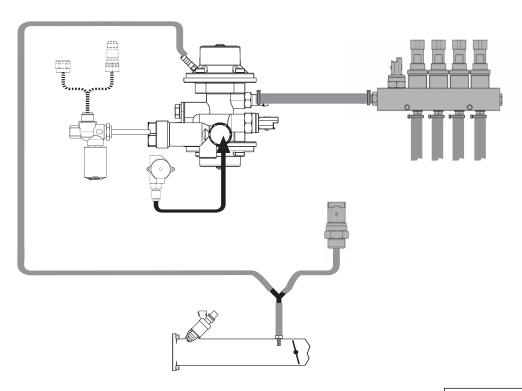
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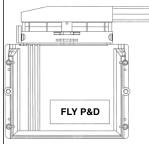


CNG SEQUENT PLUG&DRIVE MECHANICAL DIAGRAM ON VEHICLES WITH 4-CYLINDERS

Vehicle Type	Gas injectors	Front kit
4 Cylinders Aspirated ∆p 1600 mbar/Pow. max 50 kW ∆p 2000 mbar/Pow. max 80 kW	BRC NORMAL	09SM50000002G Zenith CNG Reductor CNG Valve "VMA3-E" MAP Sensor
4 Cylinders Supercharged ∆p 1600 mbar/Pow. max 60 kW ∆p 2000 mbar/Pow. max 90 kW	BRC NORMAL	09SM50000002G Zenith CNG Reductor CNG Valve "VMA3-E" MAP Sensor
4 Cylinders Aspirated Δp 2000 mbar/Power included between 80 and 90 kW Δp 2500 mbar/Power included between 90 and 100 kW	BRC MAX	09SM5000003G Zenith CNG Reductor CNG Valve "VMA3-E" MAP Sensor
4 Cilinders Supercharged ∆p 2000 mbar/Power included between 90 and 100 kW ∆p 2500 mbar/Power included between 100 and 110 kW	BRC MAX	09SM5000003G Zenith CNG Reductor CNG Valve "VMA3-E" MAP Sensor
4 Cylinders Aspirated ∆p 2500 mbar/Power included between 100 and 125 kW	BRC Super MAX	09SM5000004G Zenith CNG Reductor CNG Valve "VMA3-E" MAP Sensor
4 Cylinders Supercharged ∆p 2500 mbar/Power included between 110 and 140 kW	BRC Super MAX	09SM5000004G Zenith CNG Reductor CNG Valve "VMA3-E" MAP Sensor



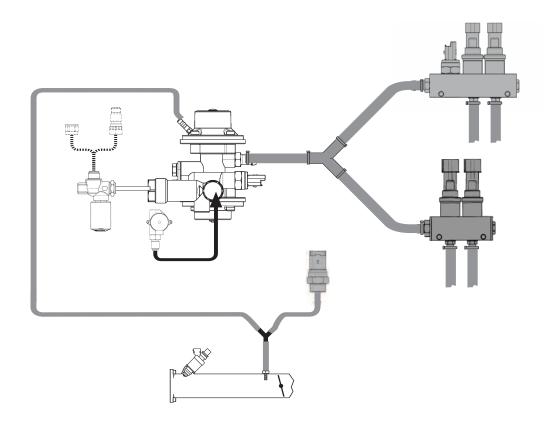
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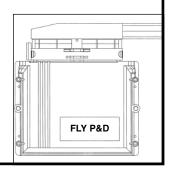


CNG SEQUENT PLUG&DRIVE MECHANICAL DIAGRAM ON VEHICLES WITH 4-CYLINDERS BOXER

Vehicle Type	Gas injectors	Front kit
4 Cylinders Aspirated Δp 2000 mbar/Power included between 80 and 90 kW Δp 2500 mbar/Power included between 80 and 100 kW	BRC MAX	09SM50000005G Zenith CNG Reductor CNG Valve "VM A3-E" MAP Sensor
4 Cylinders Supercharged Δp 2000 mbar/Power included between 90 and 100 kW Δp 2500 mbar/Power included between 100 and 110 kW	BRC MAX	09SM5000005G Zenith CNG Reductor CNG Valve "VM A3-E" MAP Sensor
4 Cylinders Aspirated ∆p 2500 mbar/Power included between 100 and 125 kW	BRC Super MAX	09SM5000006G Zenith CNG Reductor CNG Valve "VM A3-E" MAP Sensor
4 Cylinders Supercharged Δp 2500 mbar/Power included between 110 and 140 kW	BRC Super MAX	09SM5000006G Zenith CNG Reductor CNG Valve "VM A3-E" MAP Sensor



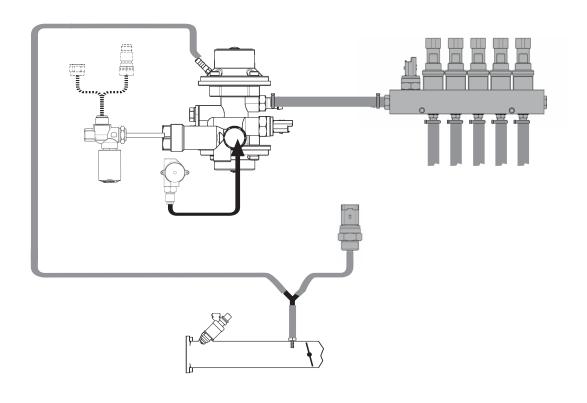
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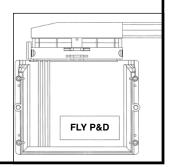


CNG SEQUENT PLUG&DRIVE MECHANICAL DIAGRAM ON VEHICLES WITH 5 CYLINDERS

Vehicle Type	Gas injectors	Front kit
5 Cylinders Aspirated ∆p 2000 mbar/Pow. max 110 kW ∆p 2500 mbar/Pow. max 120 kW	BRC MAX	09SM5000007G Zenith CNG Reductor CNG Valve "VM A3-E" MAP Sensor
5 Cylinders Supercharged ∆p 2000 mbar/Pow. max 120 kW ∆p 2500 mbar/Pow. max 130 kW	BRC MAX	09SM5000007G Zenith CNG Reductor CNG Valve "VM A3-E" MAP Sensor
5 Cylinders Aspirated ∆p 2500 mbar/Power included between 120 and 150 kW	BRC Super MAX	09SM5000008G Zenith CNG Reductor CNG Valve "VM A3-E" MAP Sensor
5 Cylinders Supercharged ∆p 2500 mbar/Power included between 130 and 170 kW	BRC Super MAX	09SM50000008G Zenith CNG Reductor CNG Valve "VM A3-E" MAP Sensor



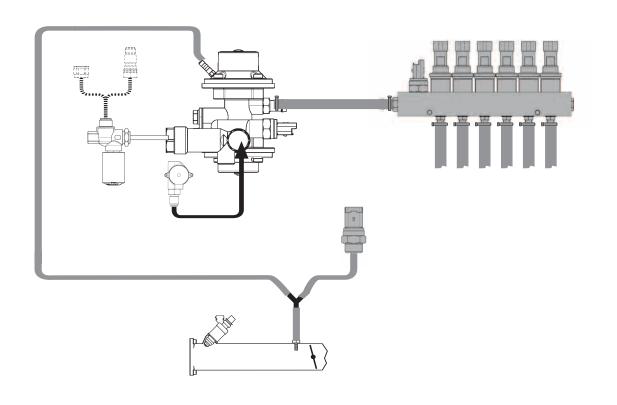
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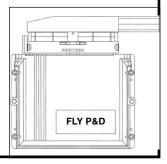


CNG SEQUENT PLUG&DRIVE MECHANICAL DIAGRAM ON VEHICLES WITH 6 CYLINDERS

Valsiala Terra	Gas	Frank 184
Vehicle Type	Injectors	Front kit
6 Cylinders Aspirated ∆p 2000 mbar/Pow. max 130 kW ∆p 2500 mbar/Pow. max 140 kW	BRC MAX	09SM50000009G Zenith CNG Reductor CNG Valve "VM A3-E" MAP Sensor
6 Cylinders Supercharged ∆p 2000 mbar/Pow. max 150 kW ∆p 2500 mbar/Pow. max 170 kW	BRC MAX	09SM50000009G Zenith CNG Reductor CNG Valve "VM A3-E" MAP Sensor
6 Cylinders Aspirated ∆p 2500 mbar/Power included between 140 and 180 kW	BRC Super MAX	09SM50000010G Zenith CNG Reductor CNG Valve "VM A3-E" MAP Sensor
6 Cylinders Supercharged ∆p 2500 mbar/Power included between 170 and 190 kW	BRC Super MAX	09SM5000010G Zenith CNG Reductor CNG Valve "VM A3-E" MAP Sensor



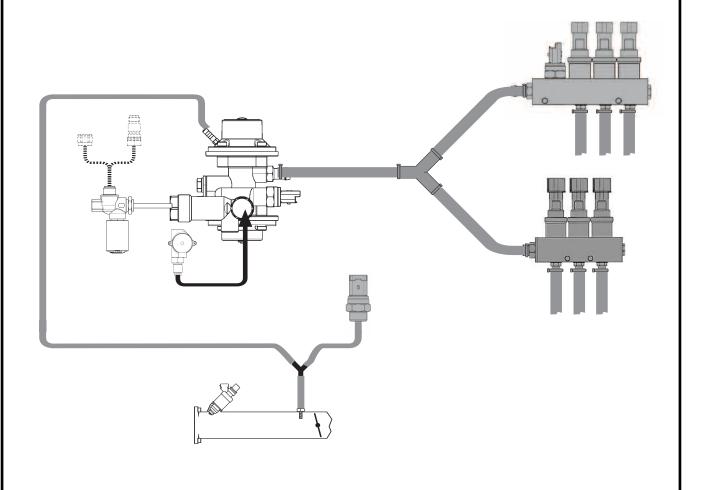
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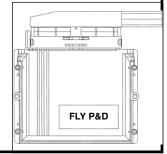


CNG SEQUENT PLUG&DRIVE MECHANICAL DIAGRAM ON VEHICLES WITH 6 CYLINDERS "V-Shaped"

Vehicle Type	Gas Injectors	Front kit
6 Cylinders "V-Shaped" Aspirated ∆p 2000 mbar/Pow. max 130 kW ∆p 2500 mbar/Pow. max 140 kW	BRC MAX	09SM50000011G Zenith CNG Reductor CNG Valve "VM A3-E" MAP Sensor
6 Cylinders "V-Shaped" Supercharged ∆p 2000 mbar/Pow. max 150 kW ∆p 2500 mbar/Pow. max 170 kW	BRC MAX	09SM5000011G Zenith CNG Reductor CNG Valve "VM A3-E" MAP Sensor
6 Cylinders "V-Shaped" Aspirated ∆p 2500 mbar/Power included between 140 and 180 kW	BRC Super MAX	09SM5000012G Zenith CNG Reductor CNG Valve "VM A3-E" MAP Sensor
6 Cylinders "V-Shaped" Supercharged ∆p 2500 mbar/Power included between 170 and 190 kW	BRC Super MAX	09SM5000012G Zenith CNG Reductor CNG Valve "VM A3-E" MAP Sensor



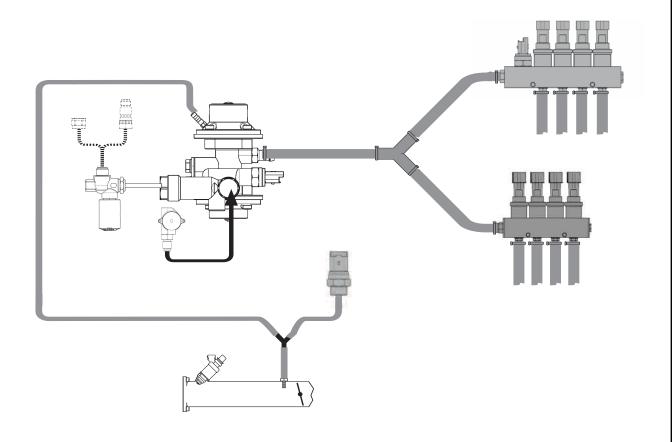
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CNG SEQUENT PLUG&DRIVE MECHANICAL DIAGRAM ON VEHICLES WITH 8 CYLINDERS "V-Shaped"

Vehicle Type	Gas Injectors	Front kit
8 Cylinders "V-Shaped" Aspirated ∆p 2000 mbar/Pow. max 170 kW ∆p 2500 mbar/Pow. max 190 kW	BRC MAX	09SM50000013G Zenith CNG Reductor CNG Valve "VM A3-E" MAP Sensor
8 Cylinders "V-Shaped" Supercharged ∆p 2000 mbar/Pow. max 200 kW ∆p 2500 mbar/Pow. max 210 kW	BRC MAX	09SM5000013G Zenith CNG Reductor CNG Valve "VM A3-E" MAP Sensor
8 Cylinders "V-Shaped" Aspirated ∆p 2500 mbar/Power included between 190 and 220 kW	BRC Super MAX	09SM5000014G Zenith CNG Reductor CNG Valve "VM A3-E" MAP Sensor
8 Cylinders "V-Shaped" Supercharged ∆p 2500 mbar/Power included between 210 and 240 kW	BRC Super MAX	09SM50000014G Zenith CNG Reductor CNG Valve "VM A3-E" MAP Sensor



Notes:

