



**PI 1862**  
For technical personnel only!  
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# PRODUCT INFORMATION

## NEW ADDITIONS TO THE RANGE: CONTROL VALVES FOR AUTOMATED MANUAL GEARBOXES

**Motorservice has expanded its product range to include control valves for automated manual gearboxes.**

These manual gearboxes have become known under different designations

- Alfa Romeo Selespeed
- Fiat Dualogic
- Lancia DFN (dolce far niente)

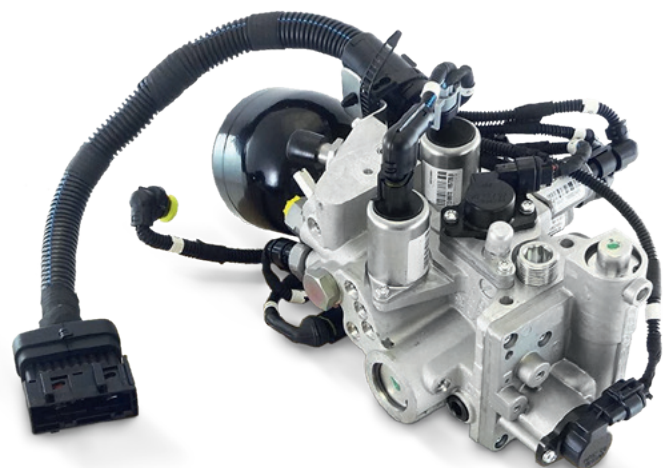
On these gearboxes, gearshifts are performed by pressing buttons on the steering wheel or by using a selector lever. Depending on the driver's request and parameters such as engine speed, load and the accelerator pedal position, the control valves direct the oil flow through different oil channels, which are used to hydraulically shift to the selected gear, without the need for a clutch pedal.



The Motorservice control valves allow repairs that reflect the vehicle's current value, without the need to replace the entire control gear.



Control valves (selection)



Selespeed manual gearbox (Alfa Romeo)

All content including pictures and diagrams is subject to change. For assignment and replacement, refer to the current catalogues or systems based on TecAlliance.



## PRODUCT RANGE

### CONTROL VALVES FOR AUTOMATED MANUAL GEARBOXES

Pierburg no.	Ref. no. <sup>1)</sup>	Type <sup>2)</sup>	Number <sup>3)</sup>	Vehicle applications <sup>3)</sup>	
<b>7.08681.03.0</b>	71753780, 71737621	PPV	1 unit	Alfa Romeo	147 2.0 / 3.2, 156 2.0 / 3.2, GT 2.0
<b>7.08681.04.0</b>	71753781, 71737622	QPV	1 unit	Fiat	Doblo 1.6D, Fiorino 1.3D, Idea 1.3D, Punto 1.3D, Qubo 1.3D
<b>7.08681.05.0</b>	71753782, 71737623	PPV	1 unit	Lancia	Musa 1.3D, Ypsilon 1.3D
<b>7.08681.06.0</b>	71752639, 71737624	OOV	2 units		
(not available)	71749995	PPV	2 units	Fiat	Ducato 3.0 D
<b>7.08681.07.0</b>	71749996	QPV	2 units		
<b>7.08681.13.0</b>	71773490	PPV	2 units	Fiat	Ducato 2.3 D / 3.0 D
<b>7.08681.14.0</b>	71773491	QPV	2 units		

<sup>1)</sup> The reference numbers listed are for comparison purposes only and must not be used on invoices to the end consumer.

<sup>2)</sup> QPV = Quantity proportional valve,  
PPV = Pressure proportional valve,  
OOV = On/Off valve

<sup>3)</sup> Up to five control valves are required to completely replace all control valves in the manual gearbox on a vehicle.

These control valves are manufactured using state-of-the-art production processes in premium OE quality and comply with the stringent quality standards set by Motorservice. The control valves are supplied with gaskets and bolts.

#### NOTE

Note that four or five control valves are fitted in a manual gearbox. The control valves have different functions

- Volume control (QPV)
- Pressure control (PPV)
- On/Off valves (OOV)

For this reason, it is not permitted to interchange the control valves.



**01–05** Five control valves (highlighted in red) on Selespeed manual gearbox