


PI 2231

For technical personnel only!

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PRODUCT INFORMATION

HIGH-PRESSURE PUMP AND TAPPET FOR VAG VEHICLES

Motorservice has included four fuel injection kits, consisting of a high-pressure pump and corresponding tappet, in its aftermarket programme. With the Pierburg kits, Motorservice covers a worldwide fleet of more than 111 million VAG vehicles, including VW, Audi and Škoda.

When replacing the high-pressure pump, it is always advisable to replace the tappet.

The high-pressure pump for direct injection petrol engines is located on the cylinder head and is driven by the camshaft. The tappet is situated between the camshaft and the high-pressure pump.

Using a special contour, the cam profile, the camshaft moves the tappet up and down in a stroke movement. This movement is transmitted to the piston of the high-pressure pump. Often, the tappet runs dry or with only minimal lubrication so the material combination is crucial.

The piston of the high-pressure pump compresses the fuel and pumps it into the injection valves at high pressure.



Kit Pierburg no. 7.15931.04.0

That is why it is important that the tappet runs smoothly and precisely. This prevents problems in the injection pressure and damage to the pump. Knocking or grinding noises can indicate a defective tappet.

Each of the four tappets is available separately from Motorservice, however it is always advisable to replace these along with the high-pressure pump. The following kits, consisting of high-pressure pump and tappet, are available:

Kit Pierburg no.	High-pressure pump Pierburg no.	Tappet Pierburg no.	Engines
7.15931.04.0	7.06032.04.0	7.50086.01.0	2.0 TFSI
7.15931.10.0	7.06032.10.0	7.50086.03.0	2.0 TFSI
7.15931.11.0	7.06032.11.0	7.50086.03.0	1.2 / 1.4 TSI / TFSI
7.15931.30.0	7.06032.30.0	7.50086.02.0	1.8 / 2.0 TFSI / 1.8 TSI

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