


PI 2261

For technical personnel only!

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PRODUCT INFORMATION

ELECTRIC OIL PUMPS FOR HALDEX CLUTCHES, GEN. 4

Motorservice incorporates several electrical oil pumps, including mounting accessories for fourth generation Haldex clutches, into its product portfolio. Pierburg pumps are pre-charge pumps that control the multi-plate clutch and are generally known as Haldex pumps. They are used in Volkswagen Group vehicles, for example. The pumps available cover a fleet of almost 5 million vehicles globally and can be easily replaced using plug-and-play.

In all-wheel drive systems, the hydraulic clutch automatically distributes the force between the front and rear axles. In most cases, only the front axle is driven. The rear axle is only connected when traction loss or slip is detected.

The electric oil pump plays a crucial role here. A frictional connection is only produced by continuous actuation of the oil pump. The pressure force with which the various plates in the clutch are pressed together is adjusted as required using the variable oil pressure. The oil pressure determines how much force is transmitted to the other axle.



NOTE

Problems with the oil pump can indicate contaminated oil.

To ensure consistent lubrication and cooling of the clutch, the oil for the clutch should be replaced according to the manufacturer's instructions and the filter should be replaced. After installation, the oil circuit must be bled according to the manufacturer's instructions so that the system completely fills with oil.

All content including pictures and diagrams is subject to change. For assignment and replacement, refer to the current catalogues or systems based on TecAlliance. Names, descriptions and numbers of engines, vehicles, products, manufacturers etc. are mentioned solely for the purpose of comparison.

*The reference numbers given are for comparison purposes only and must not be used on invoices to the consumer.

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THE FOLLOWING PRODUCTS ARE CURRENTLY AVAILABLE FOR THE AFTERMARKET:

Item no.	Ref. no.*	Manufacturer	Examples applications	Period	Note
7.14880.00.0	0AY 598 549, 0AY 598 549 A, 0BS 598 549	Audi, Seat, Škoda, VW	Golf IV, Tiguan 5N, Passat B7, Multivan T5, Octavia II, Q3, TT	2009 - 2018	
7.14880.01.0	13280095, 22765779	Buick, Cadillac, Holden, Opel, Saab, Vauxhall	Insignia, 9-3, BLS, SRX, LA Crosse, Regal	2006 - 2017	With electronic limited-slip differential (eLSD)
7.14880.02.0	1 589 740, LR075763, LR008958, 31256757, 31259349	Ford, Land Rover, Volvo	Kuga I, Freelander, Range Rover Evoque, V60 II, S60 II, V70 II, XC70II, XC60, XC 90	2007 - 2019	
7.14880.03.0	13285796	Cadillac, Holden, Opel, Saab, Vauxhall	Insignia, BLS, 9-5, 9-3	2006 - 2017	Without electronic limited-slip differential

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