



VAICO

ENGINE & TRANSMISSION PARTS BY VIEROL

The VAICO quality brand stands for highquality automotive parts. Our focus is therefore on the heart of the car: the engine and the transmission.

As a specialist in the independent parts market, and one that is known worldwide, we offer an extensive of products, from suction modules to venting hoses and cylinder head covers. We cover more than 13,000 different vehicle models.

Our VAICO parts even cover 95 per cent of the German vehicle market. Whether transmission filters and sets, oil pans, or housing – VAICO offers the best quality products. Suitable transmission oil is also available, in addition to engine oil, antifreeze or additives.

Our range has been bolstered by innovative repair sets from the Expert Kits+ selection. These kits include sets for changing oil, repair kits with hoses and venting valves or transverse control sets. The Q+ seal identifies parts with OEM quality, just like those made by the original equipment manufacturers.

Our competent expert team works everyday to optimise our VAICO automotive parts and to extend our range. Our aim is to have satisfied customers all around the world.

CYLINDER HEAD COVER

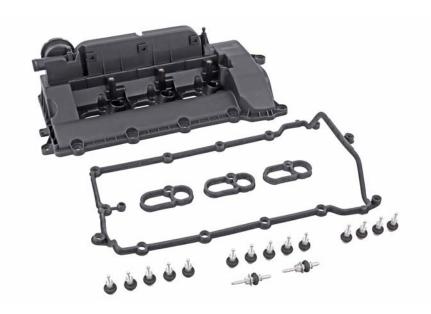
Cylinder head covers close the cylinder head and form the upper closure of an internal combustion engine. In current vehicle models, they also integrate other components such as oil separators, pressure control valves, non-return valves or vacuum tanks.

These complex components protect the valve train mounted on the cylinder head from external influences such as dust, dirt and moisture, act as sound insulation and reduce exhaust emissions by reducing oil consumption.

The bonnets are made of highly stable thermoplastic and thus more than meet the high requirements in the engine compartment (high loads, high temperatures).

Due to the high loads, regular maintenance and inspection (Expert Tip: At every major service) is of great importance in order to detect and rectify potential problems at an early stage.

Cylinder head cover problems can have a serious impact on engine performance and functionality. Leaky bonnets can lead to oil loss, overheating and reduced performance.







AIR CONTROL SYSTEMS | 11103

Function

In many modern four-stroke engines, the cylinder head cover houses the upper actuation elements of the engine control unit as well as the valves in the crankcase ventilation with all its peripheral devices. It also prevents leakage of the lubricants in the environment. Additionally, it protects the engine from dirt or other foreign objects.





SYMPTOMS

- · Seal is leaking: Vehicles leak oil
- · Smell of oil when running
- Valves blocked:
 jerky engine running, in extreme
 cases the engine light lights up
 until engine damage occurs



REASONS FOR FAILURE

With advanced mileage

- the following problems arise:
- Seals become leaky and have to be replaced
- Integrated valves for the crankcase ventilation clog up frequently
- Holders of the cylinder head covers tear if improperly mounted and also sometimes due to age



CONSEQUENTIAL DAMAGES

- · Engine oil leaks out
- The engine does not run smoothly



CYLINDER HEAD COVERS FROM VAICO

You will find these and other articles from the cylinder head covers section at **www.vierol-shop.de**

- · Material according to OE
- · with integrated valve
- · delivery including seal in polyacrylate rubber (ACM)

* For detailed vehicle information, please refer to the vehicle lists under www.vierol-shop.de.

Notes: Temporary offers are only valid while stocks last. All offers remain subject to prior sale. Our general terms and conditions of sale and delivery as well as our warranty conditions apply, which are available for download on our website. All prices are net prices. Errors excepted. Reference numbers and names, with the exception of VIEROL AG, are for comparison only and may not be disclosed in invoices. They are non-binding and no indication of origin. © VIEROL AG



Brand	X-Ref*	Application	Item no.	Info	
AUDI-VW	038 103 469 AD	A3, Golf, Touran	V10-5980	with gasket Engine: Engine type:	1.9, 2.0 TDI Diesel
	038 103 469 AE	A4, A6, Passat	V10-6512	with gasket Engine: Engine type:	1.9, 2.0 TDI Diesel
	038 103 469 AF	Bora, Golf IV, New Beetle	V10-7405	with gasket Engine: Engine type:	1.9 TDI Diesel
	038 103 469 E	A3, Golf, Bora, Polo	V10-7460	with gasket Engine: Engine type:	1.9 TDI, 1.9 SDI Diesel
	03G 103 469 G	Touran, Passat, Polo	V10-5993	with gasket Engine: Engine type:	1.9, 2.0 TDI, SDI Diesel
	03G 103 469 H	Transporter	V10-6829	with gasket Engine: Engine type:	1.9, 2.0 TDI Diesel
	03G 103 469 K	A4	V10-9985	with gasket Engine: Engine type:	2.0 TDI Diesel
A	03G 103 469 R	Golf, Touran, A3	V10-9986	with gasket Engine: Engine type:	2.0 TDI Diesel
909090	03H 103 429 L	Q7, Eos, Passat	V10-3867	with gasket Engine: Engine type:	3.2, 3.6 FSI Petrol (Gas)
	03L 103 469	Golf, Jetta, Passat	V10-6472	with gasket Engine: Engine type:	2.0 TDI Diesel
	03L 103 469 AD	Golf, Tiguan, Touran	V10-5778	with gasket Engine: Engine type:	1.6 2.0 TDI Diesel

^{*} For detailed vehicle information, please refer to the vehicle lists under www.vierol-shop.de.

Notes: Our general terms and conditions of sale and delivery as well as our warranty conditions apply, which are available for download on our website. Errors excepted. Reference numbers and names, with the exception of VIEROL AG, are for comparison only and may not be disclosed in invoices. They are non-binding and no indication of origin. © VIEROL AG



Brand	X-Ref*	Application	Item no.	Info	
AUDI-VW	03L 103 469 F	Amarok, Crafter	V10-4474	with gasket Engine: Engine type:	2.0 TDI Diesel
to the	03L 103 469 G	Transporter T5, T6	V10-6736	with gasket Engine: Engine type:	2.0 TDI, 2.0 BiTDI Diesel
	03L 103 469 L	2,0 TDI, A4, A5, A6,	V10-5524	with gasket Engine: Engine type:	2.0 TDI Diesel
	03L 103 469 M	A4, A5, A6, Q5	V10-6511	with gasket Engine: Engine type:	2.0 TDI Diesel
	03L 103 469 R	Passat, Tiguan, A1	V10-4473	with gasket Engine: Engine type:	1.6, 2.0 TDI Diesel
	03P 103 469 A	Polo, Ibiza, Fabia	V10-6514	with gasket Engine: Engine type:	1.2 TDI Diesel
100	059 103 469 AA	A4, A6	V10-9979	with gasket Engine: Engine type:	2.5 TDI ZYL 4-6 Diesel
, mm	059 103 469 BD	A6, Q5	V10-5800	with gasket Engine: Engine type:	3.0 TDI ZYL 4-6 Diesel
11111111	059 103 470 AS	A6, Q5	V10-5801	with gasket Engine: Engine type:	3.0 TDI ZYL 1-3 Diesel
400	059 103 470 Q	A4, A6	V10-9987	with gasket Engine: Engine type:	2.5 TDI ZYL1-3 Diesel
<u>ं २ व</u>	06D 103 469 N	A4, A6	V10-3868	with gasket Engine: Engine type:	2.0 TFSI Petrol (Gas)

VAICO® CYLINDER HEAD COVER

Brand	X-Ref*	Application	Item no.	Info
AUDI-VW	06D 103 469 N KIT 1	A4, A6	V10-4149	with oil separator, hoses, seals Engine: 2.0 TFSI Engine type: Petrol (Gas) Engine code: BPY, BWA, BPJ, BYIK
	06D 103 469 N KIT 2	A4, A6	V10-4152	with oil separator, hoses, seals Engine: 2.0 TFSI Engine type: Petrol (Gas) Engine code: CDCC, CDLF, CDLG, CRZA, CDLA
E DOCADO	06E 103 471 G	A6	V10-4953	with gasket Engine: 3.2 FSI Zylinder 4-6 Engine type: Petrol (Gas)
5000	06E 103 471 P	A6, A6, Q7	V10-4951	with gasket Engine: 3.0, 3.2 FSI Zylinder 4-6 Engine type: Petrol (Gas)
5000	06E 103 472 L	A6	V10-4952	with gasket Engine: 3.2 FSI Zylinder 1-3 Engine type: Petrol (Gas)
Sound .	06E 103 472 N	A6, A6, Q7	V10-4950	with gasket Engine: 3.0, 3.2 FSI Zylinder 1-3 Engine type: Petrol (Gas)
	06F 103 469 K	Eos, Golf, Jetta	V10-5799	with gasket Engine: 2.0 TFSI, 2.0 TTS, 2.0 GTI Engine type: Petrol (Gas)
To be to be	070 103 469 A	T5, Touareg	V10-7464	with gasket Engine: 2.5 TDI Engine type: Diesel Material: cast steels
	070 103 469 B	Touareg, Transporter	V10-5982	with gasket Engine: 2.0, 2.5 TDI Engine type: Diesel
Tim min	07K 103 469 L	Golf VI	V10-4954	with gasket Engine: 2.5 Engine type: Petrol (Gas)
BMW	11 12 1 432 928	3er, 5er, 7er, X5	V20-2177	with gasket Engine: M52 (B20), M54 (B22) Engine type: Petrol (Gas)

^{*} For detailed vehicle information, please refer to the vehicle lists under www.vierol-shop.de.

Notes: Our general terms and conditions of sale and delivery as well as our warranty conditions apply, which are available for download on our website. Errors excepted. Reference numbers and names, with the exception of VIEROL AG, are for comparison only and may not be disclosed in invoices. They are non-binding and no indication of origin. © VIEROL AG



Brand	X-Ref*	Application	Item no.	Info
BMW	11 12 1 703 341	M52, E36, E39	V20-3845	with gasket Engine: M52 Engine type: Petrol (Gas)
	11 12 7 512 839	E46, E39	V20-2212	with gasket Engine: M54 (B22,B25,B30) Engine type: Petrol (Gas)
11011	11 12 7 522 159	X5	V20-3846	with gasket Engine: N62 ZYL 5-8 Engine type: Petrol (Gas)
	11 12 7 548 196	E90, E60, F10, F11	V20-3561	with gasket Engine: N53 Engine type: Petrol (Gas)
(m m m	11 12 7 552 281	E81, E90, E60, F10	V20-2762	with gasket Engine: N52 Engine type: Petrol (Gas)
	11 12 7 563 474	X5	V20-3847	with gasket Engine: N62 ZYL 1-4 Engine type: Petrol (Gas)
	11 12 7 565 284	E82, E90, F01	V20-2764	with gasket Engine: N54 Engine type: Petrol (Gas)
	11 12 7 568 581	1er, 3er	V20-3898	with gasket Engine: N46 (2004-) Engine type: Petrol (Gas)
	11 12 7 568 582	3er, X3, Z4	V20-3980	with gasket Engine: N42, N46 Engine type: Petrol (Gas)
(PDD)	11 12 7 570 292	E82, E90, F30, F32	V20-2765	with gasket Engine: N55 (B30) Engine type: Petrol (Gas)
	11 12 7 588 412	F10, F22, F25	V20-8711	with gasket and integrated oil separator Engine: N20 Engine type: Petrol (Gas)



Brand	X-Ref*	Application	Item no.	Info
BMW	11 12 7 611 277	1er, 2er, 3er, X3	V20-3981	with gasket Engine: B36, B38 Engine type: Petrol (Gas)
0 (0000)	11 12 7 611 278	F52, F45, F45N, G38	V20-3384	with gasket Engine: B48 Engine type: Petrol (Gas)
	11 12 7 633 630	F22, F32, F33, F34, F36, F82, F83, F87	V20-3086	with gasket and integrated oil separator Engine: N26 Engine type: Petrol (Gas)
Energy Control of the	11 12 7 645 173	1er (F20), 2er (F22), 3er (F31)	V20-2179	with gasket Engine: B58 Engine type: Petrol (Gas)
0.000	11 12 7 646 552	Mini	V20-3366	with gasket Engine: N18 Engine type: Petrol (Gas)
0.0 0.0	11 12 7 646 553	F20, F30	V20-3087	with gasket Engine: N13 Engine type: Petrol (Gas)
0.0000	11 12 7 646 554	Mini	V20-3367	with gasket Engine: N16 Engine type: Petrol (Gas)
3000	11 12 7 646 555	Mini Cooper	V20-2178	with gasket Engine: N14 Engine type: Petrol (Gas)
0= 0= 0= 0= 0= 0=	11 12 7 823 181	F07, F10, F11, F01	V20-4051	with gasket Engine: N57 Engine type: Diesel
-	11 12 7 846 359	F80, F82, F83	V20-4684	with gasket Engine: S55 Engine type: Petrol (Gas)
	11 12 8 507 607	3er (F30_) 5(F07_)	V20-4170	with gasket Engine: N57, N57Z, N57S, N57N Engine type: Diesel

 $[\]hbox{* For detailed vehicle information, please refer to the vehicle lists under } \textbf{www.vierol-shop.de.}$

Notes: Our general terms and conditions of sale and delivery as well as our warranty conditions apply, which are available for download on our website. Errors excepted. Reference numbers and names, with the exception of VIEROL AG, are for comparison only and may not be disclosed in invoices. They are non-binding and no indication of origin. © VIEROL AG



Brand	X-Ref*	Application	Item no.	Info
BMW	11 12 8 510 234	5er (F10_)	V20-4185	with gasket Engine: N57X Engine type: Diesel
	11 12 8 571 308	X3, X4, X5, X7,3 G21	V20-4175	with gasket Engine: B57 Engine type: Diesel
	11 12 8 578 811	5er (F10)LCI, X5 F15	V20-4169	with gasket Engine: N57 D30A Engine type: Diesel
	11 12 8 581 798	1er (F20_), 2 (F22_)	V20-4167	with gasket Engine: B47 Engine type: Diesel
	11 12 8 589 941	F20, F22, F30	V20-3673	with gasket Engine: N47 Engine type: Diesel
	11 12 8 589 942	3er, X3	V20-4171	with gasket Engine: N47 (F30,31 USA) Engine type: Diesel
0 1 0	11 12 8 589 943	Mini Cooper	V20-4168	with gasket Engine: N47N Engine type: Diesel
	11 12 8 645 888	E81, E90, E60	V20-2763	with gasket Engine: N46 Engine type: Petrol (Gas) mit integriertem Abscheider
CHEVROLET	96473698	Aveo, Wave	V51-0403	with gasket und Deckel Engine: 1.4 Engine type: Petrol (Gas/LPG)
CITROËN	0248.G5	C5, 206	V22-0812	with gasket Engine: 2.0 HDI Engine type: Diesel
	0248.L1	Berlingo, C3, C4	V22-0784	with gasket Engine: 1.6 HDI Engine type: Diesel



s)
s)
6 Gti 3)
s)
s)
s)
.6 D (VOLVO)

^{*} For detailed vehicle information, please refer to the vehicle lists under www.vierol-shop.de.

Notes: Our general terms and conditions of sale and delivery as well as our warranty conditions apply, which are available for download on our website. Errors excepted. Reference numbers and names, with the exception of VIEROL AG, are for comparison only and may not be disclosed in invoices. They are non-binding and no indication of origin. © VIEROL AG



Brand	X-Ref*	Application	Item no.	Info	
FORD	1 557 512	Focus	V25-1180	•	1.8, 2.0 Petrol (Gas/LPG)
	1 858 445	Transit, Boxer	V25-2026	with gasket Engine: Engine type:	2.2 TDCi Diesel
	15 26 690	Mondeo, Transit	V25-2035	with gasket Engine: Engine type:	2.2 TDCi Diesel
	2 353 520	C-Max, Fokus	V25-2186	with gasket Engine: Engine type:	1.0 EcoBoost Petrol (Gas)
	5 131 753	Mondeo	V25-1179	•	1.8, 2.0 Petrol (Gas/LPG)
	5 174 087	S-Max	V25-1882	with gasket Engine: Engine type:	2.0 EcoBoost/ VOLVO: 2.0T Petrol (Gas)
HONDA	12310-5R1-003	HR-V, Jazz	A26-0174	with gasket Engine: Engine type:	1.5 (Ru) Petrol (Gas)
	12310-RB0-003	CR-Z	A26-0331	with gasket Engine: Engine type:	1.4, 1.5 i-VTEC Petrol (Gas)
	12310-RNA-A01	Civic	A26-0325	with gasket Engine: Engine type:	1.8, 2.0 i-VTEC Petrol (Gas)
HYUNDAI	22410-23100	Elantra, Tiburon,	A52-9672	with gasket Engine: Engine type:	2.0 Petrol (Gas)
	22410-23762	Elantra,Tiburon	A52-0364	with gasket Motor 2.0 Engine type:	Petrol (Gas)



Brand	X-Ref*	Application	Item no.	Info	
HYUNDAI	22410-26860	Accent	A52-0365	with gasket Motor 1.6 DC Engine type:	DHC Petrol (Gas)
	22410-2G100	Tucson, Sonata	A52-9644	with gasket Engine: Engine type:	2.4 CVVT Petrol (Gas)
LAND ROVER	LR 166340	Discovery 4	V48-0464	with gasket Engine: Engine type:	3.0L V6 Diesel Diesel
	LR005274	Range Rover III	V48-0545	with gasket Engine: Engine type: Position:	3.6 D Diesel right
	LR005659	Range Rover	V48-0520	with gasket Engine: Engine type: Position:	3.6 D Diesel left
	LR023777	Freelander 2	V48-0507	with gasket Engine: Engine type:	3.2 (B6324) Petrol (Gas)
	LR070360	Discovery Sport,	V48-0554	with gasket Engine: Engine type:	2.0 Ecoblue, TDCi (Ford), 2.0 (Land Rover) Diesel
	LR109353	Discovery 3 + 4	V48-0465	with gasket Engine: Engine type: Position:	3.0L SC V6 Benzin Petrol (Gas) left
F.000	LR109354	Discovery 3 + 4	V48-0466	with gasket Engine: Engine type: Position:	3.0L SC V6 Benzin Petrol (Gas) right
	LR113201	Discovery 4, Range Rover 3, Range Rover Sport	V48-0552	with gasket Engine: Engine type: Position:	5.0 Petrol (Gas) right
(constant	LR113202	Discovery 4, Range Rover 3, Range Rover Sport	V48-0551	with gasket Engine: Engine type: Position:	5.0 Petrol (Gas) left

^{*} For detailed vehicle information, please refer to the vehicle lists under www.vierol-shop.de.

Notes: Our general terms and conditions of sale and delivery as well as our warranty conditions apply, which are available for download on our website. Errors excepted. Reference numbers and names, with the exception of VIEROL AG, are for comparison only and may not be disclosed in invoices. They are non-binding and no indication of origin. © VIEROL AG



Brand	X-Ref*	Application	Item no.	Info	
LAND ROVER	LR179200	Discovery 4	V48-0463	with gasket Engine: Engine type:	3.0L V6 Diesel Diesel
MERCEDES- BENZ	271 010 10 30	E-Klasse, C-Klasse	V30-3632	with gasket Engine: Engine type:	M271 Petrol (Gas)
2000	271 010 17 30	W205	V30-4165	with gasket Engine: Engine type:	M271 Petrol (Gas)
	611 010 06 30	Vito, Sprinter	V30-3391	Engine: Engine type: Material:	OM611, OM 646 Diesel cast steels
7550	651 010 08 30	W212	V30-3694	with gasket Engine: Engine type: bis Fgst Nr.:	
-1000 c	651 010 89 18	W204, W205, Sprinter	V30-3693	with gasket Engine: Engine type: ab Fgst Nr.:	
2000	A 646 010 22 30	W211	V30-1368	with gasket Engine: Engine type:	OM 646 (200, 220 CDI) Diesel
NISSAN	13264-3Z001	Sentra, Altima	A38-0317	with gasket Engine: Engine type:	2.5 DOHC Petrol (Gas)
439	13264-4Z011	Sentra	A38-0324	with gasket Engine: Engine type:	1.8 DOHC Petrol (Gas)
	13264-8J102	Murano, Maxima	A38-0318	with gasket Engine: Engine type:	3.5 4x4 Petrol (Gas)
	13264-8J113	Murano, Maxima	A38-0316	with gasket Engine: Engine type:	3.5 Petrol (Gas)



Brand	X-Ref*	Application	Item no.	Info
NISSAN	13264-JA10A	Altima	A38-9704	with gasket Engine: 3.5 V6 Engine type: Petrol (Gas)
	13264-JG30A	X-Trail II	A38-0449	with gasket Engine: 2.5 Engine type: Petrol (Gas)
	13264-JK20B	350Z	A38-9707	with gasket Engine: 3.5 Engine type: Petrol (Gas) Position: left
	13264-JP01B	Teana, Murano	A38-0437	with gasket Engine: 3.5 4x4 Engine type: Petrol (Gas)
	13264-ZE01A	Titan, Armada	A38-9705	with gasket Engine: 5.6 V8 Engine type: Petrol (Gas)
OPEL	55573764	Meriva	V40-9740	with gasket Engine: 1.7 CDTI Engine type: Diesel
	06 07 145	Astra J, Corsa D	V40-2074	with gasket Engine: 1.2, 1.4 Engine type: Petrol (Gas)
500000	56 07 159	Astra G/H, Meriva	V40-1931	with gasket Engine: 1.6 Engine type: Petrol (Gas)
00000	56 07 258	Astra H/J, Corsa D	V40-1920	with gasket und integriertem Ölabscheider: V40-2020 Engine: 1.6, 1.8 Engine type: Petrol (Gas)
PEUGEOT	0248.L6	206, 307, Xsara	V42-0898	with gasket Engine: 1.6 Engine type: Petrol (Gas)
30.00	0248.L7	206, 307 , Xsara	V42-0900	with gasket Engine: 1.6 VTE, Bioflex Engine type: Petrol (Gas)

^{*} For detailed vehicle information, please refer to the vehicle lists under www.vierol-shop.de.

Notes: Our general terms and conditions of sale and delivery as well as our warranty conditions apply, which are available for download on our website. Errors excepted. Reference numbers and names, with the exception of VIEROL AG, are for comparison only and may not be disclosed in invoices. They are non-binding and no indication of origin. © VIEROL AG

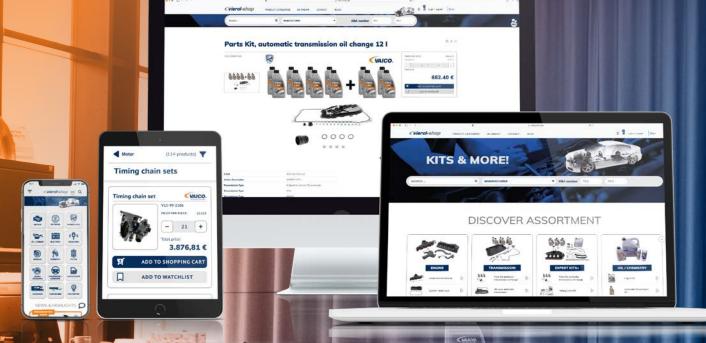


Brand	X-Ref*	Application	Item no.	Info
PEUGEOT	0248.P6	307, 308, 407, C4, C5	V42-0902	with gasket Engine: 1.8,2.0 16V, Bioflex Engine type: Petrol (Gas) Outlet side
	0248.R6	307, 308, 407, C4, C5	V42-0901	with gasket Engine: 1.8, 2.0 Engine type: Petrol (Gas)
1	0248.S0	208, 308, 508	V42-0944	with gasket Engine: 1.6 HDi Engine type: Diesel
RENAULT	8200629199	Captur, Kadjar	V46-1362	with gasket Engine: 1.5 dCi Engine type: Diesel Engine code: K9K-636,-646,-648,-656,
	132654861R	Clio II,	V46-1297	with gasket Engine: 1.5 dCi (K9K 702) Engine type: Diesel Engine code: K9K-702, -714, -720,
	82 00 331 491	Twingo, Clio, Modus	V46-1401	with gasket Engine: 1.2 16V Engine type: Petrol (gas, ethanol, LPG)
	82 00 756 123	Captur, Kadjar	V46-1363	with gasket Engine: 1.5 dCi Engine type: Diesel Engine code: K9K-872, -874,
ТОУОТА	1120128033	Camry	A70-0851	with gasket Engine: 2.0 VVT-i Engine type: Petrol (Gas)
60000	112010H061	Camry	A70-0648	with gasket Engine: 2.4 Engine type: Petrol (Gas)
VOLVO	31 319 642	S80, V70, XC60, XC90	V95-0400	with gasket Engine: 3.2 (B6324) Engine type: Petrol (Gas)
	31 319 643	S60, V60, XC60, S80	V95-0575	with gasket Engine: 3.0 AWD Engine type: Petrol (Gas)



VAICO

ALL ASSORTMENTS ON WWW.VIEROL-SHOP.DE



WE ARE ALWAYS THEREFOR YOU!

Dealer stamp

VIEROL AG
Karlstraße 19
26123 Oldenburg
Germany

Tel.: +49 (0) 441 - 210 20 - 0 Fax: +49 (0) 441 - 210 20 - 509

E-Mail: info@vierol.de