

#BECLEVER



CLOCKSPRINGS

PERFECTLY FITTING OE QUALITY

FOR A SMOOTH CHANGE



PREMIER

TecDoc®
DATA SUPPLIER



VEMO

ELECTRONIC PARTS BY VIEROL

VEMO is the quality brand for high-quality electronic automotive replacement parts. With more than 15,000 VEMO replacement parts, we cover numerous models from European, American and Asian vehicle brands.

We are particularly proud of our range of sensors and switches:

VEMO offers more than 4,000 different replacement parts such as parking sensors, sensors for crankshafts and camshafts, air flow meters, steering column switches, thermal switches and much more.

Whether for sensors, switches, small engines, replacement parts for exhaust gas recirculation or products for vehicle inspections – VEMO offers the best quality. We are therefore the perfect alternative to the original part manufacturers.

We offer smart repair kits in the EXPERT KITS+ section – from practitioner to practitioner – thus also helping you to save time. The Q+ seal identifies replacement parts with OEM quality, just like those made by the original equipment manufacturers.

15 experts work every day to expand the range constantly, and to ensure continuous quality improvements for the VEMO products. Clients from numerous countries already trust us – time for you to get to know us too!

CLOCKSPRINGS

Clocksprings play a key role in modern vehicle technology. The inconspicuous component acts as an electromechanical control centre between the fixed steering column and the movable steering wheel. Its function goes far beyond the transmission of the airbag ignition pulse and ensures a reliable connection of various control signals that influence our driving comfort and safety. If the airbag clockspring is defective, VEMO offers repair solutions in OE quality.

The airbag clockspring is the link between the fixed steering column and the moving steering wheel in the vehicle. Originally developed to transmit the ignition impulse of the airbag, its function has expanded over time. Today, the clockspring transmits additional control signals for important components such as the horn and steering wheel remote control. But how exactly does it fulfil these tasks?

A special conductive film is concealed inside a closed housing. This is designed in such a way that it can easily follow the rotary movement of the steering wheel in every conceivable direction without being damaged. The clockspring ensures that the electrical connection between the fixed steering column and the movable steering wheel is maintained.

There are also variants in which sliding contacts are combined with the clockspring. In these cases, the sliding contact usually only controls certain functions such as the horn, while the airbag clockspring transmits the more complex signals for the steering wheel remote control and other electronic systems.

Clocksprings are an important part of automotive technology. Although they often work in the background, they are crucial to occupant safety and help to ensure that airbags are deployed exactly when they are needed. Their reliability and quality are crucial for the safety and protection of vehicle occupants.



YOUR EXPERT FOR CLOCKSPRINGS

23909

Function

The clockspring is an important component in the vehicle for establishing a reliable and trouble-free electrical connection between the fixed steering column and the movable steering wheel. Initially developed to transmit the ignition pulse for the driver's airbag, today additional control signals for the horn and steering wheel remote

control elements for the radio, on-board computer, cruise control or driver assistance systems are transmitted via the clockspring.

As the sliding contacts used in older models were too unreliable and prone to faults (especially for the airbag ignition signal), clockspring technology was developed.

A special conductive foil is located in a closed housing and is designed in such a way that it can easily follow the rotary movement of the steering wheel in any direction without being damaged. There are also versions in which sliding contacts are combined with a clockspring. In this case, only the horn is activated via the sliding contact.



SYMPTOMS

- Failure of the steering wheel controls
- "Airbag" warning message on the display
- Noises when operating the steering



Reasons for failure

- Breakage of the conductor track due to material fatigue
- Defect in the electrical contacts
- Demolition due to incorrect assembly



MOUNTING INSTRUCTIONS

- Switch off ignition
- Follow the vehicle manufacturer's instructions
- Before fitting, the steering wheel must be in the centre position and the wheels in the straight-ahead position.
- During installation, make sure that the fixing of the clockspring is not damaged or removed.
- Opened clocksprings must not be reassembled and fitted. They must always be replaced.




Please also visit our new online shop!
www.vierol-shop.de

CLOCKSPRINGS

Brand	Article No.	X-Ref*	Applications
	V10-73-0202	1K0 959 653 C	Golf, Tiguan, Touran
	V10-72-0051	6R0 959 653	Amarok, Polo
	V10-72-1569	6RA 959 654 A	Citigo, Mi, Up
	V10-72-9911	5Q0 953 569 A	Ateca, Octavia
	V10-72-0050	8E0 953 541 E	A4, A8, Phaeton
	V10-72-0052	5K0 953 549 A	Eos, Golf, Jetta
	V10-72-0053	4H0 953 568 K	A8
	V10-72-0054	4H0 953 568 M	Touareg
	V10-72-0066	6R0 959 654	Amarok, Polo
	V10-72-0067	4H0 953 568H 000	A6, A7, A8
	V10-72-0201	5K0 953 569 AS	CC, Passat
	V10-72-0387	5K0 953 569 BC	Caddy, Jetta
	V10-72-0873	5K0 953 549 B	Eos, Golf, Touran
	V10-72-1225	1J0 959 653 C	A3, A4, New Beetle
	V10-72-1248	1H0 959 653 E	Golf, Passat, Polo
	V10-72-1250	1J0 959 654 BK	New Beetle, Passat, A6
	V10-72-1299	4E0 953 541 B	A4, A6, A8, Q7
	V10-72-1300	5Q0953549E	A3, Octavia
	V10-72-1302	1K0 959 653 D	A3, Golf, Jetta, TT
	V10-72-1413	3C0 959 653 B	Passat,
	V10-72-1444	6RA959653A	Mii, Toledo
	V10-72-1459	6Q0 959 653 B	Fabia, Ibiza, Mii
	V10-72-1460	6Q0 959 654 C	Cordoba, Ibiza
	V10-72-1461	5Q0953569C	Passat
	V10-72-1462	2Q0959653	Fabia III, Polo
	V10-72-1509	3C0 959 653	Passat

* 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 web-site. 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	Article No.	X-Ref*	Applications
AUDI-VW 	V10-72-1529	6Q0 959 653 A	Ibiza III+IV, T5
	V10-72-1606	5Q0 953 549 D	Golf, Tiguan
	V10-72-1607	8K0953568M	A4
	V10-72-1615	5K0 953 569 AL	A1, Q3, Eos, Jetta
	V10-72-1619	5K0 953 569 AK	Eos, Sharan, Passat
	V10-72-9910	6Q0 959 654 D	Ibiza, Fabia, Polo,
BMW	V20-72-0044	61 31 6 976 394	E60, E61, E63, E64
	V20-72-0219	61 31 9 122 509	E90, E70, E87
	V20-72-0575	61 31 8 379 091	E46, E53, E83, E85
BUICK	V51-72-0281	13 492 930	Cruze, Malibu
CHEVROLET	V51-72-0305	92148567	Caprice
	V51-72-0319	22 942 867	Camaro, Corvette
CHRYSLER 	V33-72-0217	5156106AF	Avenge, Sebring, 200
	V33-72-0218	K68459489AA	Grand Caravan
	V33-72-0220	00K68003217AF	Caliber, Avenger
	V33-72-0242	56046241AG	Town & Country
	V33-72-0256	68459485AA	Town & Country
	V33-72-0257	68528300AA	Ram 1500
	V33-72-0258	68528303AA	Ram 2500
	V33-72-0259	68528302AA	Ram 3500
	V33-72-0266	68184725AE	Ram
DODGE	V33-72-0237	68050846AB	Ram 1500
	V33-72-0238	68528301AA	Ram 1500
	V33-72-0260	68425698AC	Journey
	V33-72-0261	68425694AC	Journey
	V33-72-0262	56046115AE	Ram 2500

* 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 web-site. 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

CLOCKSPRINGS

Brand	Article No.	X-Ref*	Applications
DODGE	V33-72-0263	56046116AE	Ram 2500
FORD	V25-72-0272	1 763 646	Focus II, C-Max
	V25-72-0290	1 778 055	Mondeo IV
	V25-72-0307	2 116 409	Fiesta
	V25-72-0308	2 113 263	Fiesta
	V25-72-0309	5 152 955	Escape
	V25-72-0310	F1FZ14A664B	Focus
	V25-72-0311	F1FZ14A664A	Escape
	V25-72-0312	1 794 522	Kuga
	V25-72-0313	BK2Z14A664A	Transit
	V25-72-0314	BK2Z14A664B	Transit
	V25-72-0315	1 811 429	Tourneo
	V25-72-0328	1 782 330	Tourneo Connect
	V25-72-0333	5 213 032	Ecosport, Ka+, Range
	V25-72-0334	EG9Z-14A664-H	Edge
	V25-72-0336	8G1Z-14A664-A	Taurus
	V25-72-0338	BC3Z-14A664-AB	F-250
	V25-72-0339	2C3Z 14A664-CA	F-250
	V25-72-0340	XW4Z14A664AA	Thunderbird
	V25-72-0348	GB5Z-14A664-C	Edge, Explorer
	V25-72-0349	CV6Z-14A664-A	C-Max, Escape
HONDA	V26-72-0245	77900-SNA-K02	Civic VIII, CR-V
	V26-72-0258	77900-T5A-J22	Vezel
	V26-72-0259	77900-TR0-B11	Accord

* 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 web-site. 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	Article No.	X-Ref*	Applications
HONDA 	V26-72-0260	77900-SDA-Y21	Accord VII
	V26-72-0261	77900-SEN-H01	Jazz II
	V26-72-0262	77900-SAA-G51	Jazz II
	V26-72-0263	77900-SDA-Y01	Accord VII
	V26-72-0265	77900-T2A-A11	Accord
	V26-72-0266	77900-TR0-A11	Civic
	V26-72-0269	77900-SNA-U31	Civic VIII
	V26-72-0270	77900-TA0-H21	Jazz III
HYUNDAI/KIA   	V52-72-0371	93490-A4110	i10, Carens
	V52-72-0372	93490-2M000	ix35, Soul
	V52-72-0373	93490-0U010	i30, Rio III
	V52-72-0383	93490-2D000	Elantra
	V52-72-0392	93490-3Q120	Elantra
	V52-72-0393	93490-2T210	i40
	V52-72-0397	93490-3S110	Elantra
	V52-72-0401	93490-2B200	Santa Fe
	V52-72-0402	93490-1W120	Elantra
	V52-72-0403	93490-3V110	Veloster
	V52-72-0404	93490-3J000	ix55
	V52-72-0406	93490-3R311	I40
	V52-72-0407	93490-2M500	ix20, ix35
	V52-72-0408	93490-1R410	Accent
	V52-72-0409	93490-3M000	Genesis
	V52-72-0411	93490-3K600	Sonata
	V52-72-0413	93490-1E300	Accent
	V52-72-0414	93490-2H500	Elantra

* 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 web-site. 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

CLOCKSPRINGS

Brand	Article No.	X-Ref*	Applications
	V52-72-0415	93490-4H200	H1
	V52-72-0416	93490-1J500	i20
	V52-72-0417	93490-2E001	Sportage, Tucson
	V52-72-0418	93490-4Z320	Santa FE
	V52-72-0419	93490-F2225	Elantra
	V52-72-0421	93490-38001	Terracan
	V52-72-0422	56970-C1200	Sonata
	V52-72-0425	93490-2K200	i30, Soul, Sportage
	V52-72-0426	93490-C2320	Sonata
	V52-72-0435	93490-S1140	Kona, Nexo, Santa Fe
	V52-72-0436	93490-S1240	Santa Fe
	V53-72-0148	93490-1W110	Rio III
	V53-72-0149	93490-2P170	ix35, Soul
	V53-72-0151	93490-2M300	Ceed, Sportage
	V53-72-0152	93490-3R110	Sportage III
	V53-72-0156	93490-2P400	Sorento II
	V53-72-0159	93490-1U125FFF	Sorento
	V53-72-0160	93490-2H300	i30
	V53-72-0163	93490-2G400	Santa Fe, Optima
	V53-72-0164	93490-1D600	Carens
LAND ROVER	V52-72-0457	93490-3R321	Optima
	V52-72-0457	93490-2H200	Ceed, Pro Ceed
LEXUS	V48-72-0177	YR C100350	Discovery, Range Rover
	V70-72-0456	84307-76040	CT200h
	V70-72-0457	84307-30090	RX450h, RX350
	V70-72-0458	84307-48100	RX450h, RX350

* 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 web-site. 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	Article No.	X-Ref*	Applications
LEXUS	V70-72-0518	84307-33100	ES
	V70-72-0519	84308-33010	ES
MAZDA	V32-72-0124	D651-66-CS0	6 (GH)
	V32-72-0132	DE4H66CS0A	CX-5
MERCEDES-BENZ	V30-72-0743	A 171 464 09 18	W164, W211, W221
	V30-72-0752	A 171 464 10 18	W164, W216, W221, W171
	V30-72-0916	A 000 464 05 18	W211
MITSUBISHI 	V37-72-0130	8619A018	Lancer, Outlander
	V37-72-0131	8619A015	Endeavor
	V37-72-0132	8619A016	L200
	V37-72-0133	8619A017	Outlander
	V37-72-0134	MR583930	Outlander
	V37-72-0136	8619A167	ASX, Outlander
	V37-72-0137	MR979369	Colt
NISSAN  	V38-72-0286	25567-EB301	Note, Navara, NP3000
	V38-72-0287	B5567-BH00A	Note, Qashqai
	V38-72-0310	25567-ET025	Navara, Qashqai
	V38-72-0311	B5567-JD00A	Murano, Qashqai, 370Z
	V38-72-0312	25554-4BA1A	Rogue
	V38-72-0325	47945-3X10A	Pathfinder R51
	V38-72-0326	B5567-CC00E	Murano, Pathfinder
	V38-72-0328	25567-9U00A	Qashqai
	V38-72-0330	25554-4EA0D	Qashqai
	V38-72-0331	B5567-JS40A	X-Trail
	V38-72-0332	25567-CF40B	Teana
	V38-72-0333	B5567-CB66A	Murano

* 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 web-site. 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

CLOCKSPRINGS

Brand	Article No.	X-Ref*	Applications
NISSAN 	V38-72-0334	B5567-CB69D	Rogue
	V38-72-0335	B5567-JM00B	Rogue
	V38-72-0336	25560-9CH2D	Pathfinder
	V38-72-0337	25567-CD025	350Z
	V38-72-0339	25567-5X10A	Murano
	V38-72-0345	B5554-JP00A	Juke, Micra, Murano
OPEL  	V40-72-0056	93 181 313	Astra H
	V40-72-0071	93 184 341	Astra H
	V40-72-0073	22 899 138	Ampera, Insignia
	V40-72-0074	22 914 039	Astra J, Corsa E
	V40-72-0095	93 198 616	Vivaro A
	V40-72-0103	22 914 038	Astra J, Corsa E
	V40-72-0696	95 526 875	Clio, Vivaro
	V40-72-0697	13 337 298	Corsa C
	V40-72-0110	13 162 134	Signum, Vectra
	V40-72-0111	13 204 146	Signum, Vectra
	V40-72-0112	13 112 784	Vectra
PEUGEOT	V42-72-0110	4112.CA	Xantia
	V42-72-0112	4112.HX	C1, 107
	V42-72-0121	4112.CP	806, Expert, Jumpy
PORSCHE	V45-72-0093	7PP 953 568 BA	Panamera
RAM	V33-72-0264	56046263AB	Ram 4500
	V33-72-0265	56046906AF	Ram 5500
RENAULT/DACIA	V21-72-0003	25 56 777 97R	Logan
	V21-72-0004	25 56 713 36R	Dokker, Duster
	V21-72-0005	25 56 769 09R	Dokker, Logan

* 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 web-site. 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	Article No.	X-Ref*	Applications
RENAULT/DACIA 	V21-72-0006	25 56 771 47R	Lodgy
	V46-72-0222	25 56 701 16R	Duster, Sandero
	V46-72-0223	25 56 706 57R	Duster
	V46-72-0224	25 56 791 02R	Duster
	V46-72-0260	25 56 723 02R	Lodgy, Sandero
	V46-72-0261	25 56 774 33R	Sandero
	V46-72-0262	25 56 774 46R	Duster
	V46-72-0280	25 56 724 25R	Duster, Sandero
	V46-72-0284	25 55 458 57R	Espace, Megane
	V46-72-0305	25 55 447 94R	Fluence
	V46-72-0306	82 01 590 627	Clio III
	V46-72-0322	77 01 047 253	Megane
SUBARU	V63-72-0036	83196-FJ000	Outback
	V63-72-0037	83196-FG000	Forester
	V63-72-0038	83196-AG000	Legacy
	V63-72-0039	83196-AJ04A	Legacy
TOYOTA 	V70-72-0455	84307-08020	Sienna
	V70-72-0459	84306-0E010	RAV4, RX
	V70-72-0460	84307-47020	Prius, Yaris
	V70-72-0465	84307-0C030	Sequoia
	V70-72-0466	84307-02220	Camry
	V70-72-0466-1	84307-02220	Camry, Corolla
	V70-72-0469	84307-06090	Sequoia, Sienna
	V70-72-0472	84307-42050	Corolla, Tacoma, RAV
	V70-72-0475	84307-0K020	Hilux, Fortuner
	V70-72-0476	84306-0K051	Camry, Corolla, Yaris

* 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 web-site. 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

CLOCKSPRINGS

Brand	Article No.	X-Ref*	Applications
	V70-72-0480	84306-33080	Camry
	V70-72-0481	84306-32030	Corolla
	V70-72-0488	84306-0K021	Hilux
	V70-72-0490	84306-52100	Yaris
	V70-72-0491	84307-60210	Land Cruiser
	V70-72-0492	84306-52020	Rav 4, Yaris Verso
	V70-72-0493	84306-60080	Land Cruiser
	V70-72-0494	84306-12070	Corolla, Rav 4
	V70-72-0495	84306-50190	LS, Land Cruiser
	V70-72-0500	84306-07040	4 Runner
	V70-72-0501	84306-22010	Corolla, Yaris
	V70-72-0503	84306-60090	Land Cruiser
	V70-72-0504	84306-52041	Corolla, Verso, Yari
	V70-72-0509	84306-52050	Corolla, Rav, Yaris
	V70-72-0516	84306-58011	Avensis, Camry, Corolla
	V70-72-0520	84307-60141	Land Cruiser

* 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





Powered by **VIEROL**





All articles from
this brochure on
www.vierol-shop.de



ALL ASSORTMENTS ON WWW.VIEROL-SHOP.DE



WE ARE ALWAYS THERE FOR YOU!

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

Dealer stamp