



04/2019

VDO Diesel IAM

Roadmap Q2/2019 - Englisch

VDO

VDO Diesel – IAM Roadmap Q2/2019

Common Rail Diesel Pumps

System	Continental OEM Number		IAM Article Number	Replacement Part	Test AVM2-PC	Test CRp-PC	Test EPS708/815	Repair DRS
DW10TD	5WS40018	A2C20000502	5WS40018-Z	⊗	✓	Q2/Q3/2019	2019/A	✓
DV4	5WS40008	A2C20000727	5WS40008-Z	⊗	✓	Q2/Q3/2019	2017/11	✓
DW10B Ford / PSA	5WS40809, 5WS40019	A2C20000598	5WS40809-Z	✓	✓	Q2/Q3/2019	2017/11	✓
DW10B Volvo / Ford	5WS40163, 5WS40380	A2C27100268	A2C59511600	✓	✓	Q2/Q3/2019	2017/11	✓
Lion V6 / DT17	5WS40157	A2C20003757	A2C59511314	⊗	✓	Q2/Q3/2019	2019/A	✓
Lion V6 Upgrade	5WS40273	A2C20003282	A2C59513482	✓	✓	Q2/Q3/2019	2019/A	✓
Lion V8	5WS40254	A2C20003180	A2C59513481	✓	✓	Q2/Q3/2019	2019/A	✓
Ford Lynx	5WS40094	A2C20003032	A2C59511609	✓	✓	Q2/Q3/2019	2019/A	✓
MWM NGD (IESA)	5WS40064	A2C20000745	A2C2000074580	-	✓	Q2/Q3/2019	2019/A	2019
Renault K9K EU4	5WS40153	A2C20000754	A2C59511605	✓	✓	Q2/Q3/2019	2019/A	✓
Renault K9K EU5	5WS40565	A2C53252602	A2C59513595	✓	✓	Q2/Q3/2019	2019/A	Q2/2019
Renault K9K Gen6	5WS40844	A2C53351931 A2C89877300	A2C59507608	✓	✓	Q2/Q3/2019	2019/A	2019
Renault M9T		A2C80584700	A2C8058470080	2019	tbd.	tbd.	tbd.	tbd.

- Release of Bosch DataCDROM 2019/A is planned for Mai – will be distributed by Bosch!
- Release of CRp-PC test plans – still under development but will be made available during the next few months
- K9KEU4 and K9KEU5 Repair Manual and related special tools will be made available within the next 2 months

Important note: Content of Bosch DataCDROM 2019/A is subject to successful field tests!

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Common Rail Diesel Pumps

System	Continental OEM Number		IAM Article Number	Replacement Part	Test AVM2-PC	Test CRp-PC	Test EPS708/815	Repair DRS
Puma cone	5WS40695, 5WS40699	A2C53344441 A2C96176300	A2C59517043	✓	✓	Q2/Q3/2019	2019/A	✓
Puma oldham	5WS40693, 5WS40694	A2C53344443 A2C96443200	A2C59517045	✓	✓	Q2/Q3/2019	2019/A	✓
Puma keyway (Asia)	5WS40698	A2C93217600	A2C9321760080	✓	✓	Q2/Q3/2019	2019/A	✓
MWM Sprint 3.2	5WS40905	A2C53384727	A2C5338472780	✓	tbd.	tbd.	tbd.	tbd.
VW EA189 StartStop	5WS40836	A2C53341464	A2C59517047	✓	✓	Q2/Q3/2019	2017/11	✓
VW EA189 ITP-less	5WS40891	A2C53366731	A2C59517049	✓	✓	Q2/Q3/2019	2017/11	✓
VW EA189 AWP2 India	5WS40892	A2C53412719	A2C5341271980	⊗	✓	Q2/Q3/2019	2017/11	✓
VW EA189 ITP-less India		A2C53437425	A2C59517049	✓	✓	Q2/Q3/2019	2017/11	✓
DV6C Ford	5WS40893	A2C53384062	A2C59513829	✓	✓	Q2/Q3/2019	2019/A	✓
DV6C PSA	5WS40894	A2C53381555 A2C53300211	A2C59513830	✓	✓	Q2/Q3/2019	2019/A	✓
Ford Panther EU6 DHP	HG9Q9B395AA	A2C16376700	A2C1637670080	✓	tbd.	tbd.	tbd.	tbd.
Hyundai EU6 DHP				tbd.	tbd.	tbd.	tbd.	tbd.

- MWM Sprint test plans and repair procedure are still under development. Hope to get a release within the next few months.
- Support for Ford and Hyundai 1-piston CR Pumps is under investigation. New electrical and mechanical design.
- Homologation of Hartridge CRp-PC → Details will be provided once available!

Important note: Content of Bosch DataCDROM 2019/A is subject to successful field tests!

VDO Diesel – IAM Roadmap Q2/2019

Common Rail Diesel Injectors

System	Continental OEM Number		IAM Article Number	Replacement Part	Test CRI-PC	Test Carbon Zapp	Repair DRS	Nozzle kit DRS
DW10TD	5WS40000	A2C00012054	5WS40148-Z	✓	⊗	Q2/Q3/2019	⊗	⊗
DV4 EU3	5WS40148	A2C20009398	5WS40008-Z	✓	✓	Q2/Q3/2019	✓	A2C59513997
DV4 EU4	5WS40516	A2C53194835	A2C59511612	✓	✓	Q2/Q3/2019	✓	A2C59513998
DW10B Class 4	5WS40156-4	A2C33349200	5WS40156-4Z	✓	✓	Q2/Q3/2019	✓	A2C59514909
DW10B Class 5	5WS40156	A2C20009324	5WS40156-Z	✓	✓	Q2/Q3/2019	✓	A2C59514909
DW10B Class 6	5WS40156-6	A2C34821900	A2C59511601	✓	✓	Q2/Q3/2019	✓	A2C59514909
DW10B Class 7	5WS40322-7	A2C53122421	A2C59513552	⊗	✓	Q2/Q3/2019	✓	A2C59514909
DW10U	5WS40200	A2C53122017	A2C59511602	✓	✓	Q2/Q3/2019	✓	A2C59514910
DW10B Class M	5WS40441	A2C33359000	A2C59511603	✓	✓	Q2/Q3/2019	✓	A2C59514909
Lion V6 Base EU3	5WS40057	A2C53181820	A2C59511315	⊗	✓	Q2/Q3/2019	Q2/2019	A2C2001018980
Lion V6 Base EU4	5WS40103	A2C20010654	A2C59511316	✓	✓	Q2/Q3/2019	Q2/2019	A2C2001064080
Lion V6/DT17 EU4	5WS40249	A2C53113168	A2C59511364	✓	✓	Q2/Q3/2019	Q2/2019	A2C5311306980
Lion V6 Upgrade	5WS40252	A2C53107585	A2C59513553	✓	✓	Q2/Q3/2019	Q2/2019	A2C5311291780
Lion V8 K100°	5WS40253	A2C53110639	A2C59513596	✓	✓	Q2/Q3/2019	Q2/2019	A2C5311896380
Lion V8 K174°	5WS40387	A2C53110641	A2C59513597	✓	✓	Q2/Q3/2019	Q2/2019	A2C5311896380
Lynx	5WS40086	A2C20009355	A2C59511610	✓	✓	Q2/Q3/2019	Q2/2019	A2C59514911
Lynx 227	5WS40250	A2C53100318	A2C59511611	✓	✓	Q2/Q3/2019	Q2/2019	A2C59514912
MWM NGD IESA 3.0	5WS40080	A2C20009347	A2C59515264	✓	✓	Q2/Q3/2019	Q2/2019	A2C2000961680
K9K EU4	5WS40087	A2C20009366	A2C59511606	✓	✓	Q2/Q3/2019	Q2/2019	A2C59506606

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Common Rail Diesel Injectors

System	Continental OEM Number		IAM Article Number	Replacement Part	Test CRI-PC	Test Carbon Zapp	Repair DRS
Renault K9K EU5	5WS40536	A2C53216006	A2C59513484	✓	⊗	Q2/Q3/2019	Q2/Q3/2019
Renault K9K Gen6		A2C89916400	A2C59507596	✓	⊗	Q2/Q3/2019	Q2/Q3/2019
Renault M9T		A2C33351900	A2C3335190080	2019	⊗	tbd.	⊗
Puma		A2C30935400	A2C59517051	✓	⊗	Q2/Q3/2019	Q2/Q3/2019
Puma JLR – LR Defender	5WS40925	A2C53421318	2910000177400	✓	⊗	Q2/Q3/2019	Q2/Q3/2019
Puma - Ford Ranger >09/2015		A2C81394900	A2C8139490080	✓	⊗	Q2/Q3/2019	Q2/Q3/2019
MWM Sprint 3.2	5WS40932	A2C39997000	A2C3999700080	✓	⊗	Q2/Q3/2019	Q2/Q3/2019
VW EA189 (03L130277B)	5WS40539	A2C53219464	A2C59513554	⊗	⊗	Q2/Q3/2019	Q2/Q3/2019
VW EA189 (03L130277S)		A2C96260400	A2C9626040080	✓	⊗	Q2/Q3/2019	Q2/Q3/2019
DV6C Ford/PSA	5WS40677	A2C53252642	A2C59513556	✓	⊗	Q2/Q3/2019	Q2/Q3/2019
Ford Panther EU6		A2C93035000	A2C9303500080	2019	⊗	tbd.	⊗
Hyundai EU6				tbd.	⊗	tbd.	⊗

- Hartridge CRI-PC - EU5 CR Injectors not supported → Homologation of Hartridge SABRE → investigation ongoing
- Carbon Zapp support of Continental CR Injectors → Homologation project still running. Release planning for Q2/Q3/2019
Detailed function (EU3, EU4, EU5 - test, coding) under investigation. Details will be provided once available!
- EU4 Injector nozzles for Lion and MWM injectors, EU5 CR Injector nozzles and related tools → availability within Q2/Q3/2019 → Details will be provided once available.
- CR Injector Repair means replacement of nozzles, nozzle retaining nut and high pressure connector. New coding in case of the repair of EU5 CR Injectors.

VDO Diesel CR Pump Tools





Basic mounting holder for CR Pumps - 2910000854400



Basic mounting holder - Shaft - 2910000417700

Specific Pump holders



DW10TD/K9KEU4/Lynx - X39-800-200-005



DV4 - X39-800-200-006



DW10B - X39-800-200-007



Bosch CP1 - X39-800-200-011



Lion V6/DT17 - A2C59511240



Lion V6 Upgrade - A2C59513727



Lion V8/Puma - A2C59513728



VW/DV6C - 2910000417600



Fit-up aid – flange DW10B – X39-800-200-004



PCV wrench - X39-800-200-001



VCV wrench - X39-800-200-002



PCV/VCV Wrench adapter- X39-800-200-003



Shaft extractor DV6C, DV4, DW10B, K9KEU4 - X39-800-200-008



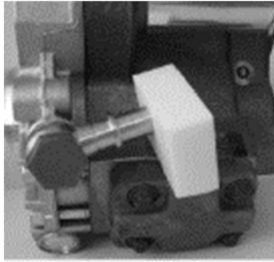
Q2/2019

Pressure pad for rotary shaft seal – Lion V6 Upgrade

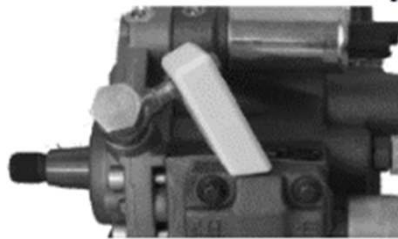


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Pressure pad for rotary shaft seal – Lion V8



Mounting tool – supply DW10TD/DV4 - X39-800-200-010

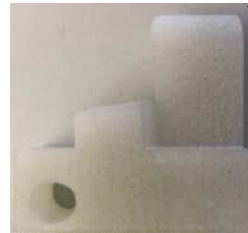


Mounting tool – supply K9KEU4 – A2C59512866



Mounting tool – supply K9KGen6 – A2C ...

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Mounting tool – supply K9KGen6 – A2C ...

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VDO Diesel CR Injector Tools



Tool-Set VDO CR Pumps – A

- Fit-up aid for camshaft - VW / DV6C
- Pressure pad for rotary shaft seal
- Plier for filter dissassembly / assembly - VW



Article number: 2910000803300

Tool-Set VDO CR Pumps – B

- Fit-up aid for camshaft – Puma
- Socket wrench Puma/DV6C
- Pressure pad for rotary shaft seal – Puma
- Centering pin – Puma
- Pressure transfer cylinder - Puma



Article number: 2910000851200



Toggle press – A2C59514000



Tool kit version A – A2C59514886



Tool kit version B – A2C59514001

Injector type	Injector holder type	Article number	Pressure Transfer Adapter	Type	Remark
DV4 EU3	Repair Tool Kit "A"	A2C59514886	A2C59513999	E	
DV4 EU4	Repair Tool Kit "A"	A2C59514886	A2C59514913	D	
Lynx	Repair Tool Kit "A"	A2C59514886	A2C59513999	D	
Lynx V227	Repair Tool Kit "A"	A2C59514886	A2C59513999	D	
K9K EU4	Repair Tool Kit "A"	A2C59514886	A2C59506472	F	
DW10 B / DW10U	Repair Tool Kit "B"	A2C59514001	A2C59514913	E	
Lion V6 (Jaguar) EU3	Repair Tool Kit "B"	A2C59514001	A2C59514913	E	New bracket & vertical bearing required 2019
Lion V6 EU4 / DT17	Repair Tool Kit "B"	A2C59514001	A2C59514913	E	
Lion V6 (Land Rover)	Repair Tool Kit "B"	A2C59514001	A2C59514913	E	
Lion V6 Upgrade	Repair Tool Kit "B"	A2C59514001	A2C59514913	E	
Lion V8	Repair Tool Kit "B"	A2C59514001	A2C59514913	E	
MWM IESA	Repair Tool Kit "B"	A2C59514001			tbd.



The Repair Parts Catalogue is now available for download on the VDO Extranet

This catalogue contains the up-to-date available repair parts and tools for CR Pumps and CR Injectors. It is updated regularly

VDO Diesel – FAQs



VDO Diesel – FAQs

- Homologation of Bosch test equipment for Continental CR Pumps
 - Next BoschDataCDROM release **2019/A (expected start of supply 05/2019 – details available at Bosch!)**
 - Content planning as shown on pages 2 and 3.
- Homologation of Bosch test equipment for Continental CR Injectors
 - Validation project started. More details on test benches and functionalities will be provided as soon as new information is available
- Homologation of Carbon Zapp test equipment for Continental CR Injectors
 - Validation of CRU.2r, CRU.4r, MTBr running – planned availability Q2/Q3/2019
 - More details will be provided as soon as new information is available
- Homologation of Hartridge test equipment for Continental CR Injectors
 - Validation project for Hartridge Sabre started. More details will be provided as soon as new information is available
- Availability of repair tools and repair parts for CR Pumps and CR Injectors
 - Planned for Q2/Q3/2019

Please note: The schedules are based on today's planning. Delays are possible and will be communicated accordingly!

VDO Diesel – IAM Roadmap Q2/2019

Explanation



Available

tbd / -

Not yet available



Will not be made available - as is



New, changed

2019

Planned date of availability

Test AVM2-PC	Test EPS708/EPS815	Repair
✓	2018	✓
✓	2017/11	✓
✓	2017/11	✓
✓	2018	✓
✓	2018	2018
✓	2018	2018
✓	2018	2018
-	2018	2018
✓	2018	✓
✓	2018	2018