

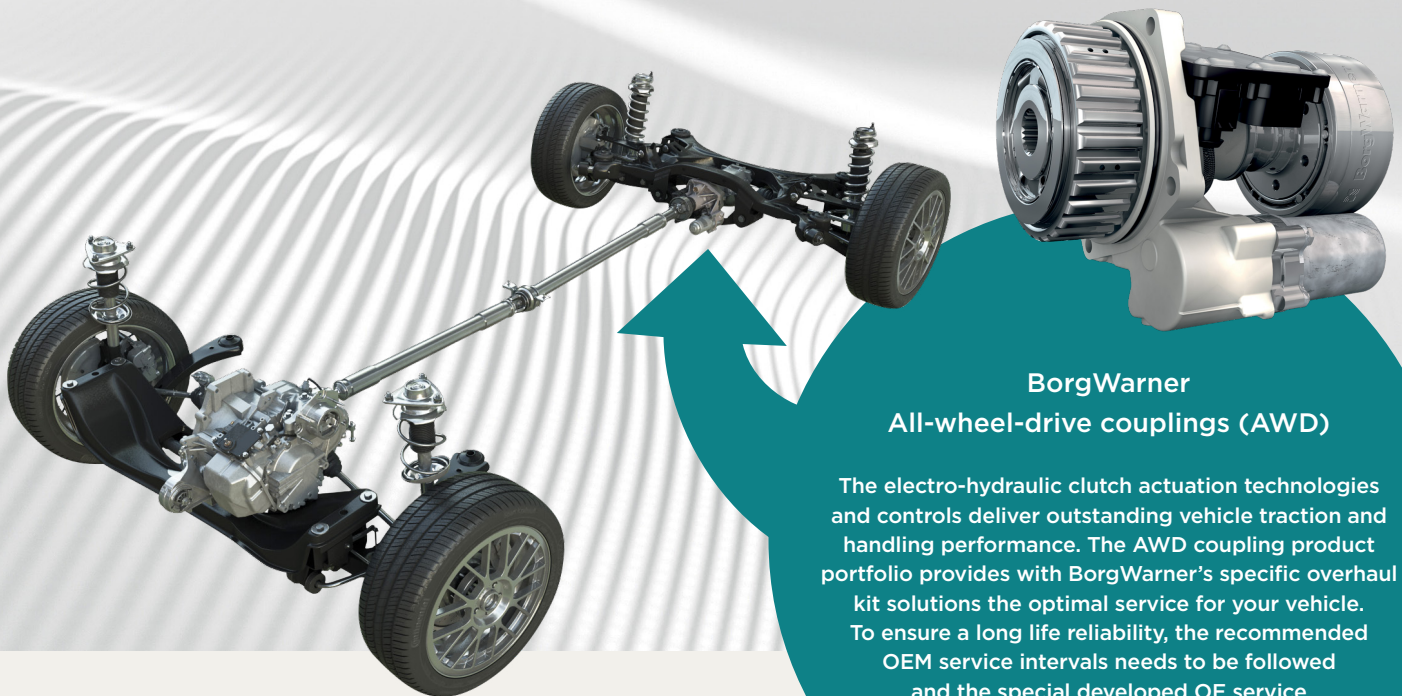


Couplings, control units and spare parts

BorgWarner Drivetrain Technologies.
Excellent quality and efficiency.

BORGWARNER

Leading supplier in drivetrain technology.



BorgWarner All-wheel-drive couplings (AWD)

The electro-hydraulic clutch actuation technologies and controls deliver outstanding vehicle traction and handling performance. The AWD coupling product portfolio provides with BorgWarner's specific overhaul kit solutions the optimal service for your vehicle. To ensure a long life reliability, the recommended OEM service intervals needs to be followed and the special developed OE service kits plus the approved system oil shall be used.

Service products in the drivetrain technology with uncompromising original manufacturer quality.

5 GOOD REASONS FOR OUR PRODUCT RANGE

- » Original spare parts with no difference to OES products
- » Same supply base like of serial with full quality control
- » OEM latest requirements applied immediately
- » Guaranteed accuracy of fit
- » Worldwide service

We are committed to offer a wide range with world class quality to meet the highest expectations.

BorgWarner offers a broad portfolio of AWD and FXD couplings, ECU kits and spare parts. Our filters, pumps, and special oils ensure a clean, constant oil lubrication and facilitate ideal distribution of the driving power between the front and rear axle for optimum traction and handling.

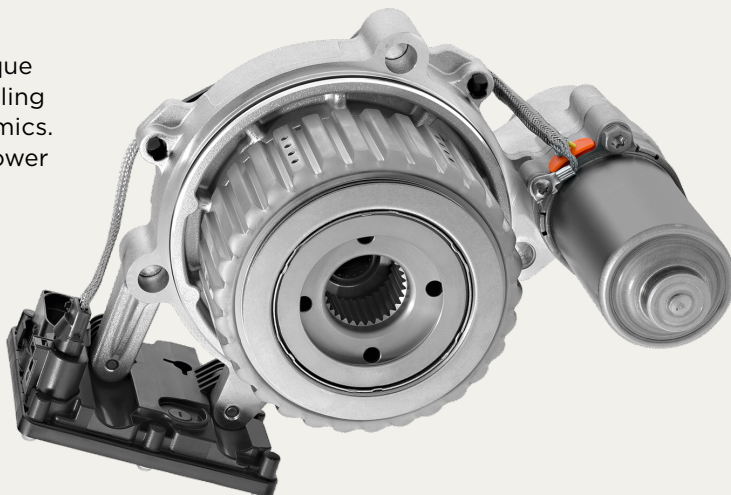
Our OE competence - we are one of the biggest supplier for AWD couplings. More than 10 million BorgWarner couplings are in the market at most manufacturers.

BorgWarner recommends that oil and filter is changed according to the change intervals recommended by OEM. We offer not only the matching kits and authorized/approved oil, but also other key components for safety, efficiency and keeping up the original operating conditions together with perfect AWD and FXD traction control.

AWD and FXD Couplings

BorgWarner's AWD and FXD couplings distribute torque between the axles based on driving conditions, enabling improved traction, stability, and overall vehicle dynamics. Engineered to OES standards, they ensure efficient power transfer and reliable operation in modern drivetrains.

- » Active torque distribution for enhanced driving dynamics
- » Fast engagement under changing road conditions
- » Efficient power transfer with minimized losses
- » Robust design for demanding AWD and FXD applications



AWD Coupling		Product Name/ Content	Gene- ration	Matching Pump Kit	Matching ECU Kit	Matching Actuator Kit	Matching existing Oil	Matching existing Friction Plate Kit	Matching existing Strainer Kit
IAM	OES			IAM	IAM	IAM	IAM	IAM	IAM
DS2015504	0CQ 525 554 D	VW HLSC P682-15 PQ	GenV	DS2002773	DS2015503	n/a	DS2018394	DS2028828	DS2028049
DS2015505	0CQ 525 554 T	VW LSC P682-12 MQB	GenV	DS2002773	DS2015506	n/a	DS2018394	DS2028828	DS2028049
DS2027101	0CQ 525 554 AC	VW Crafter GenV non-EDL (Electronic Differential Lock)	GenV	DS2002773	DS2027112	n/a	DS2018394	DS2028828	DS2028049
DS2027102	0CQ 525 554 AD	VW Crafter GenV EDL (Electronic Differential Lock)	GenV	DS2010678	DS2027113	n/a	DS2018394	DS2028828	DS2028049
DS2027103	0CQ 525 554 AE	VW GenV T6PA with damper	GenV	DS2002773	DS2027110	n/a	DS2018394	DS2028828	DS2028049
DS2027104	0CQ 525 554 AF	VW GenV T6PA without damper	GenV	DS2002773	DS2027110	n/a	DS2018394	DS2028828	DS2028049
DS2027105	0CQ 525 554 F	VW GenV T6 without damper	GenV	DS2002773	DS2018573	n/a	DS2018394	DS2028828	DS2028049
DS2027106	0CQ 525 554 G	VW GenV Caddy	GenV	DS2002773	DS2015503	n/a	DS2018394	DS2028828	DS2028049
DS2027107	0CQ 525 554 H	VW GenV T6 with damper	GenV	DS2002773	DS2018573	n/a	DS2018394	DS2028828	DS2028049
DS2027571	8871237-01	BMW/Mini UKL GenV Coupling	GenV	DS2010677	DS2027573	n/a	DS2000884	DS2028828	DS2028049
DS2027108	5WA 525 554	VW IAM LSC GenVI MQB CAN FD	GenVI	n/a	n/a	DS2027292	DS2018394	DS2028828	DS2028049
DS2027109	5WA 525 554 D	VW IAM LSC GenVI MQB CAN Classic	GenVI	n/a	n/a	DS2027293	DS2018394	DS2028828	DS2028049
DS2027572	8885774-01	BMW/Mini FAAR/FAAR WE GenVI Coupling	GenVI	n/a	n/a	DS2027294	DS2000884	DS2028828	DS2028049

FXD Coupling		Product Name/ Content	Gene- ration	Matching Pump Kit	Matching ECU Kit	Matching Actuator Kit	Matching existing Oil	Matching existing Friction Plate Kit	Matching existing Strainer Kit
IAM	OES			IAM	IAM	IAM	IAM	IAM	IAM
DS2007905	0D9 409 055 C	VW FXD GenV DQ	GenV	DS2001261	DS2008508	n/a	DS2000884	DS2028828	DS2028049
DS2007906	02Q 409 055 D	VW FXD GenV MQ	GenV	DS2001261	DS2008508	n/a	DS2000884	DS2028828	DS2028049
DS2012382	KX7Y 4K343AH	Ford FXD GenV – MMT6	GenV	DS2026436	DS2012384	n/a	DS2000884	DS2028828	DS2028049
DS2012383	KX7Y 4K343BH	Ford FXD GenV – 8F40	GenV	DS2026436	DS2012384	n/a	DS2000884	DS2028828	DS2028049
DS2014947	0GC 409 055	VW FXD GenVI DQ	GenVI	n/a	n/a	DS2027291	DS2018394	DS2028828	DS2028049
DS2014949	02Q 409 055 C	VW FXD GenVI MQ	GenVI	n/a	n/a	DS2027291	DS2018394	DS2028828	DS2028049

NEW!

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For exact vehicle or part allocations, please refer to the current BorgWarner usage lists and electronic parts catalogs.



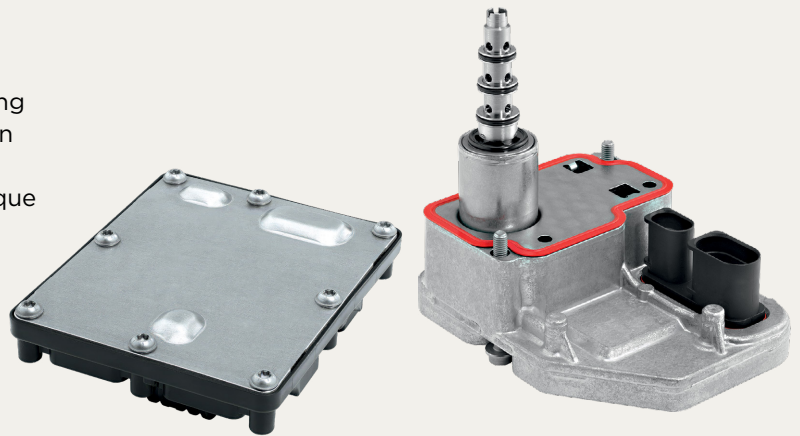
Notes:

- The table covers Gen V – VI couplings and related components only.
- Additional filter kits (Gen I – IV) and sensor kits (Gen II – III) are included in the catalog and presented in later sections.

ECU Kits

BorgWarner's ECU Kits control and regulate coupling systems by ensuring accurate communication within the drivetrain. Developed to OES standards, they enable stable system performance and efficient torque management in the aftermarket.

- » Intelligent control of AWD and FXD coupling functions
- » Optimized system response and efficiency
- » Designed for stable and precise operation



BorgWarner Part No.	OES Customer Reference	Product Name/Content	Generation	Matching Pump Kit	Matching existing Oil (850 ml)
DS2008508	0CQ 907 554 P	ECU-Kit for VW FXD GenV DQ+MQ	Gen V	DS2001261	DS2000884
DS2012384	KX7Y 4C016AF	ECU-Kit for Ford FXD GenV	Gen V	DS2026436	DS2000884
DS2015503	0AY 907 554 J	ECU-Kit for P682-15 SW 7.5.4.0 VW	GenV	DS2002773	DS2018394
DS2015506	0CQ 907 554 J	ECU-Kit for (P682-12) MQB SW 7.0.8.4	GenV	DS2002773	DS2018394
DS2018573	0AY 907 554 L	ECU-Kit for P682-19 SW 7.6.2.0	GenV	DS2002773	DS2018394
DS2027110	0CQ 907 554 L	ECU-Kit for VW GenV T6PA	GenV	DS2002773	DS2018394
DS2027112	0CQ 907 554 M	ECU-Kit for Crafter GenV Non-EDL	GenV	DS2002773	DS2018394
DS2027113	0CQ 907 554 N	ECU-Kit for Crafter GenV EDL	GenV	DS2010678	DS2018394
DS2027573	9470037-01	ECU-Kit for BMW	GenV	DS2010677	DS2018394

NEW!

NEW!

Oil

BorgWarner's oil is specifically developed to support the performance and durability of coupling systems, ensuring reliable operation of couplings and related components. Matched to system requirements, it enables consistent functionality and protects critical parts under varying operating conditions.

- » Designed for optimal AWD and FXD coupling performance
- » Supports smooth and consistent operation
- » Extends lifetime usage



BorgWarner Part No. (Oil Volume in Bottle)	DS108295** (275 ml)	DS2000884 (850 ml)	DS2018394 (850 ml)
Generation	GenI	GenIB/II/III/IV/V/VI	GenV/VI
VW Group*	G 052 175 A1 (275 ml)	G 060 175 A2 (850 ml)	G 065 175 A2 (850 ml)
Lamborghini	-	G 060 175 A2 (850 ml)	-
Volvo	-	31367940 (1000 ml) EU/CH [31367941 (1000 ml) USA/CAN]	32240904 (1000ml) EU/CH [32240905 (1000ml) USA/CAN]
Ford	-	FU7J-8708687-AA (300 ml)	-
LandRover	-	LR054941 EJ32-19A509-AA (300 ml)	LR160851 M8E2-19M544-BA (1000 ml)
Saab and Opel	-	93165387 (1000 ml)	-
BMW and Mini	-	83222416513 (850 ml)	-
Nissan Europe	-	C84C9-6RE0A-EU (850 ml)	-

* VW, Audi, Skoda, Seat



** No longer available – only remaining stock.
DS2000884 can be used instead!

Pump Kits

BorgWarner's pump kits ensure reliable hydraulic pressure supply within coupling systems, enabling consistent operation of the coupling under all driving conditions. Designed to meet OES requirements, they support stable system performance and proper reaction to varying loads.

- » Reliable hydraulic pressure supply
- » Ensures consistent coupling operation
- » Supports fast system response



BorgWarner Part No.	DS118613	DS118622	DS118611	DS2010679	DS118589
Generation	GenII	GenII	GenII/III	GenII	GenIII
VW Group*	0AV 598 549 A	02W 598 549 A	-	-	-
Volvo	-	-	30783079	-	-
Ford	-	-	8V41-4C019-AA	7F93-4C019-AA	-
LandRover	-	-	-	-	LR003147 6G9N-4C019-AA
Saab and Opel	-	-	-	-	-
BMW and Mini	-	-	-	-	-

BorgWarner Part No.	DS119866	DS114269	DS119863	DS120878	DS2004444	DS2002773	DS2010676
Generation	GenIV	Gen IV	GenIV	GenIV	GenIV	GenV	GenV
VW Group*	0AY 598 549 A	470 498 147	-	-	-	0CQ 598 549	0CQ 525 549
Volvo	-	-	31256757	-	-	-	-
Ford	-	-	9V4N-4C019-AA	-	-	-	-
LandRover	-	-	LR075763 9G9N-4C019-AB	-	-	-	-
Saab and Opel	-	-	-	13285796	22765779	-	-
BMW and Mini	-	-	-	-	-	-	-

BorgWarner Part No.	DS2002774	DS119088	DS2010677	DS2001260	DS2001261	DS2010678	DS4601410015
Generation	GenV	GenV	GenV	GenV	GenV	GenV Crafter EDL	GenV (T-Case)
VW Group*	-	-	-	-	0D4 906 271 A	0CQ 598 549 A	-
Volvo	31367750	-	-	-	-	-	-
Ford	-	2274601	-	-	-	-	-
LandRover	-	LR051321 EJ32-4C019-AA	-	-	-	-	LR093768
Jaguar	-	-	-	-	-	-	02T2H20181
Saab and Opel	-	-	-	-	-	-	-
PAG	-	-	-	9P1 906 271 A	-	-	-
BMW and Mini	-	-	8663457-01	-	-	-	-

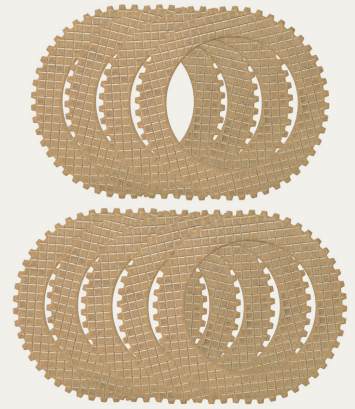
BorgWarner Part No.	DS2026436
Generation	GenV
VW Group*	-
Volvo	-
Ford	GK3V 4C019 AB
LandRover	-
Saab and Opel	-
BMW and Mini	-

* VW, Audi, Skoda, Seat

Friction Plate Kits

BorgWarner's friction plate kits are key functional components within coupling units, enabling controlled torque transfer between the axles. Activated by hydraulic pressure, they establish the necessary frictional connection to engage all-wheel drive and ensure stable system performance. Each kit includes all required friction plates, providing a complete and convenient repair solution that ensures proper system function and reduces installation effort.

- » Enables controlled torque transfer between front and rear axle
- » Activated through hydraulic pressure within the AWD and FXD system
- » Ensures reliable engagement
- » Designed for consistent friction and durability
- » Complete kit for efficient and reliable service

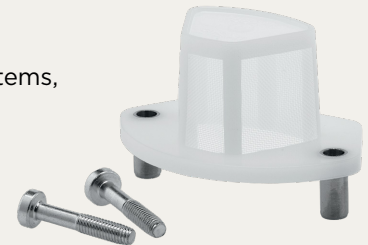


BorgWarner Part No.	DS2028827				DS2028828		
Generation	GenI	GenIB	GenII	GenII/III	Gen IV	Gen V	GenVI
Kit Content	9x one type of friction plates (BW: 102297)				13x one type of friction plates (BW: 106792) All AWD and FXD Couplings and D7a Transfer case (JLR)		

Strainer Kits

BorgWarner's strainer kits filter particles from the hydraulic oil within coupling systems, protecting critical components and supporting reliable system operation.

- » Integrated in the hydraulic oil circuit
- » Protects coupling and actuator components
- » Ensures clean oil supply
- » Supports long-term system reliability

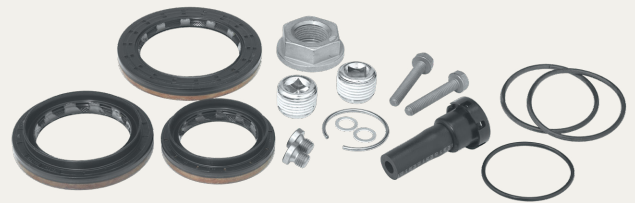


BorgWarner Part No.	DS2028049	
Generation	Gen V	GenVI
Kit Content	Pump/Actuator Strainer Kit incl. 2x screws	

Repair Kits

BorgWarner's repair kits are designed for the maintenance and restoration of AWD transfer cases, ensuring proper sealing and reliable system functionality after service. They include all relevant sealing components required during disassembly and reassembly.

- » Complete set of sealing components for service applications
- » Restores sealing and system integrity
- » Designed for transfer case maintenance and repair
- » Covers critical interfaces within the AWD unit
- » Complete kit for efficient and reliable service



BorgWarner Part No.	DS2028802
Kit Content	12 types of components (17 pcs) for repair of D7a Transfer case (JLR)

Included JLR Kits	Contains
DX23-7034-AA	1x Breather
GX63-3972-AA	2x Threaded plug
GX63-3972-BA	2x Hexagon plug M8 x 1 / 2x Washer
GX63-3N173-AA	1x Seal oil - Front output Shaft / 1x Snap ring
GX63-3N173-BB	1x Seal oil - Rear output Shaft / 1x Locknut M20 x 1,5
GX63-7B215-AA	1x Seal oil - Input Shaft
GX63-7G360-AA	2x Screw M6 x 35
GX63-8527-BA	1x O-Ring, 39.5 x 2.2
GX63-8527-CA	2x O-Ring, 43.5 x 2.5

Actuators

BorgWarner's next-generation actuators use a BLDC motor to precisely control hydraulic pressure, enabling accurate and highly responsive torque distribution in AWD and FXD systems. The direct relation between motor speed and pressure ensures fast system response and consistent performance. With a high level of integration, including motor and ECU, the actuator delivers efficient operation, compact packaging and improved durability in modern drivetrains.

- » BLDC motor for precise pressure control and fast response
- » Integrated ECU reducing system complexity and size
- » High durability without brush-related wear
- » Supports efficient operation with start/stop capability



BorgWarner Part No.	OES Customer Reference	Position/Description	Matching existing Oil
DS2027291	5WA 907 554 B	IAM VW Spare part Actuator GenVI FXD	DS2018394
DS2027292	5WA 907 554 M	IAM VW Actuator GenVI AWD CAN-FD	DS2018394
DS2027293	5WA 907 554 P	IAM VW Actuator GenVI AWD CAN Classic	DS2018394
DS2027294	8880927-01	GenVI BMW	DS2000884

Filter Kits

BorgWarner's filter kits support clean and reliable system operation by removing particles and protecting sensitive components.

- » Ensures clean system conditions
- » Protects critical components
- » Supports reliable operation
- » Relevant for service intervals



BorgWarner Part No.	DS120359	DS108190	DS120456	DS120356	DS2003085	DS2002968	DS2006273
Generation	GenIV	Gen IV	GenIV	GenIV	GenIV	GenV	GenV
VW Group*	02D 525 558 A	-	02D 598 574	-	**	-	-
Volvo	-	8675235	-	30787687	-	31325173	-
Ford	-	-	-	8V41 4A319 AA	-	9V4N 4A319 AA	-
LandRover	-	-	-	**	-	LR032298	-
Saab and Opel	-	-	-	-	-	-	20986573

Sensor Kits

BorgWarner's sensor kits provide accurate data input for AWD systems, enabling precise control and reliable operation.

- » Accurate measurement of system parameters
- » Supports precise system control
- » Reliable signal transmission
- » Designed for consistent performance



BorgWarner Part No.	DS120686	DS120526
Generation	GenII	GenIII
VW Group*	02D 598 270	-
Volvo	30651694	30759668
Ford	7F93-4B487-AA	8V41-4B487-AA
LandRover	-	LR003146 6G9N-4B487-AA

* VW, Audi, Skoda, Seat

** Not set up as spare part by OE customer

OE Competence for the Aftermarket

Driving your business.
Now and in future.



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more information.



aftermarket.borgwarner.com

BorgWarner Aftermarket Europe GmbH

Morschheimer Straße 12
67292 Kirchheimbolanden, Germany
Tel.: +49 (0) 6352 152 - 3827
customerserviceIAM@borgwarner.com

BORGWARNER