







HYDRAULIC FILTER, PARTS SETS | 17301 FEEDER PUMP MULTI-PLATE CLUTCH | 17303

The multi-plate clutch is used by various vehicle manufacturers and models with all-wheel drive to also direct the drive force to the normally non-driven axle if required.

Due to the electronic control, a multi-plate based all-wheel drive is compatible with driving assistance systems such as ABS or ESP and also offers the advantage of being significantly more energy-efficient than permanent all-wheel drive and is therefore particularly recommended in compact and mid-range vehicles.

The multi-plate clutch, which runs in an oil bath, generates abrasion. This abrasion is absorbed by the oil, but ensures that the clutch must be

serviced at regular intervals (e.g. at VW every 3 years or after 30,000 km). If the oil and filter change is not carried out or is delayed, the contamination can cause functional problems or even damage the feeder pump.



#### **SYMPTOMS**

- All-wheel drive does not engage
- EPC warning light is on
- Oil loss / leakage



#### REASONS FOR FAILURE

- · Oil change interval due
- Feeder pump defective / dirty
- Corrosion of pump housing (leaking)
- · Oil change not carried out



#### RECOMMENDED BY AN EXPERT

- · Change the oil in the clutch
- Replace oil pump of multi-plate clutch



#### **INSTALLATION TIP!**

VAICO recommends removing the feeder pump at every oil change in order to replace the oil strainer installed in front of the pump. Corresponding kits are available under V10-7329 (Gen 1-3), V10-6982 (Gen 4) and V10-6662 (Gen 5). Particularly recommended from generation 5 onwards, where a spin-on filter is no longer installed.



#### PARTS AND REPAIR KIT, OIL CHANGE MULTI-PLATE CLUTCH ALL-WHEEL DRIVE FROM VAICO

Over **30 EXPERT KITS+** and over 65 components on **www.vierol-shop.de** 

- Coverage of 95% of the vehicle stock
- Over 30 specially assembled EXPERT KITS+
- · Oil Made in Germany





#### **OUR EXPERT KITS+ - YOUR ADVANTAGES!**

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#### The EXPERT KITS+ consist of:





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i. a. fitting for	Audi: A3, TT, VW: Golf IV, Passat, Seat: Leon, Škoda: Octavia				
Fitting position	Rear axle				
Coupling generation	GENI/1				
Contents:					
Feeder pump incl. scr V10-6587 - 02D 525 55		-	-	1 x	
<b>Hydraulic filter, multi-</b> V10-2685 - 02D 525 55	-	1 x	1 x	1 x	
Oil, multi-plate clutch V60-0361 - G 052 175		1 x	1 x	1 x	
Oil drain plug (M10)		1 x	1 x	1 x	
Seal (Ø 10 mm)		1 x	1 x	1 x	
Screw plug (M14)		1 x	1 x	1 x	
Seal (Ø 14 mm)		1 x	1 x	1 x	
Oil filter spanner V99-1016 - T10066		-	1 x	-	
Pair of VAICO gloves 99-0055-3		-	1 x	-	

X-Ref: G 052 175 A1 kit

X-Ref: G 052 175 A1 kit2

X-Ref: 02D 525 557 kit

V10-5857

V10-5857-XXL

V10-6822

Parts kit, oil change multi-plate clutch all-wheel drive

Parts kit, oil change multi-plate clutch all-wheel drive

Repair kit, multi-plate clutch pump (all-wheel drive)

<sup>\*</sup> For detailed vehicle information, please refer to the vehicle lists under www.vierol-shop.de.



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i. a. fitting for	Audi: A3, TT, VW: Golf V, Passat, T5, Seat: Altea, Škoda: Octavia				
Fitting position	Rear axle				
Coupling generation	GEN II / 2				
Contents:					
Feeder pump incl. scre V10-6588 - OAV 598 54		-	1 x	-	
Feeder pump incl. scre V10-6589 - 02W 598 54		-	-	1 x	
Hydraulic filter, multi- V10-2686 - 02D 598 57		1 x	1 x	1 x	
Oil, multi-plate clutch V60-0450 - G 055 175	` '	1 x	1 x	1 x	
Oil drain plug with sea	I M10x30	1 x	1 x	1 x	
Filler plug with sealing V10-4947 - N 902 818		1 x	1 x	1 x	

X-Ref: G 055 175 A2 kit

X-Ref: 0AV 598 549 A kit

X-Ref: 02W 598 549 A kit

V10-5753

V10-6823

V10-6824

Parts kit, oil change multi-plate clutch all-wheel drive

Repair kit, multi-plate clutch pump (all-wheel drive)

Repair kit, multi-plate clutch pump (all-wheel drive)

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i. a. fitting for	Audi: A3, TT, VW: Golf VI, Passat, Tiguan, Škoda: Octavia			
Fitting position	Rear axle			
Coupling generation	GEN IV / 4			
Contents:				
Feeder pump incl. scre V10-6591 - 0AY 598 54	• •	-	1x	
Hydraulic filter, multi- V10-5000 - 0BR 525 55	•	1 x	1 x	
<b>Oil, multi-plate clutch</b> V60-0450 - G 060 175	` '	1 x	1 x	
Oil drain plug with sea	al	1 x	1 x	
Filler plug with sealing V10-4947 - N 902 818		1 x	1 x	

**X-Ref:** G 060 175 A2 kit

X-Ref: 0AY 598 549 A kit

V10-5600

V10-6825

Parts kit, oil change multi-plate clutch all-wheel drive

Repair kit, multi-plate clutch pump (all-wheel drive)

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i. a. fitting for	Audi: A3, VW: Golf VII, Passat, Tiguan, Škoda: Octavia				
Fitting position	Rear axle				
Coupling generation	GEN V / 5 (G 060)				
Contents:					
Feeder pump incl. scree V10-6592 - 0CQ 598 54	• •	-	-	1 x	
Hydraulic filter, multi-p V10-6662 - 0CQ 598 54		-	1 x	-	
Oil, multi-plate clutch V60-0450 - G 060 175	` '	1 x	1 x	1 x	
Oil drain plug with sea	I	1 x	1 x	1 x	
Filler plug with sealing V10-4947 - N 902 818 (	•	1 x	1 x	1 x	

X-Ref: G 060 175 A2 kit2

X-Ref: G 060 175 A2 kit3

X-Ref: 0CQ 598 549 kit1

V10-6603

V10-6603-XXL

V10-6826

Parts kit, oil change multi-plate clutch all-wheel drive

Parts kit, oil change multi-plate clutch all-wheel drive

Repair kit, multi-plate clutch pump (all-wheel drive)

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i. a. fitting for	<b>VW</b> : Arteon, Golf VIII, Tiguan, Sharan, <b>Škoda</b> : Karoq, Superb III				
Fitting position	Rear axle				
Coupling generation	GEN V / 5 (G 065)				
Contents:					
Feeder pump incl. scr V10-6592 - 0CQ 598 5		-	-	1 x	
Hydraulic filter, multi- V10-6662 - 0CQ 598 5	•	-	1 x	-	
<b>Oil, multi-plate clutch</b> V60-0436 - G 065 175	` '	1 x	1 x	1 x	
Oil drain plug with sea	ıl	1 x	1 x	1 x	
Filler plug with sealing V10-4947 - N 902 818	•	1 x	1 x	1 x	

**X-Ref:** G 065 175 A2 kit1

**X-Ref:** G 065 175 A2 kit2

X-Ref: 0CQ 598 549 kit2

V10-6828

V10-6828-XXL

V10-6827

Parts kit, oil change multi-plate clutch all-wheel drive

Parts kit, oil change multi-plate clutch all-wheel drive

Repair kit, multi-plate clutch pump (all-wheel drive)

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**BMW:** F40, F45/46, F48, F39



i. a. fitting for



Fitting position Rear axle			
Coupling generation GEN V / 5			
Contents:			
Feeder pump incl. screws & sealing rings V20-4007 - 33 10 8 663 457	-	-	1 x
<b>Hydraulic filter, multi-plate clutch</b> V10-6662 - 33 10 8 663 457 part	-	1 x	-
Oil, multi-plate clutch (1 l) V60-0450 - 83 22 2 413 513	1 x	1 x	1 x
Sealing compound, oil cap (Loctite 5970, 50 ml)	1 x	1 x	1 x
Screw, oil cap M6x20	4 x	4 x	4 x
Filler plug M8x1-ZNS3	1 x	1 x	1 x
Seal, filler plug D8x11,5-AL	1 x	1 x	1 x

X-Ref: 83 22 2 413 513 kit1

**X-Ref:** 83 22 2 413 513 kit2

X-Ref: 33 10 8 663 457 kit

V20-4069

V20-4069-XXL

V20-4074

Parts kit, oil change multi-plate clutch all-wheel drive

Parts kit, oil change multi-plate clutch all-wheel drive

Repair kit, multi-plate clutch pump (all-wheel drive)

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i. a. fitting for	Ford: Kuga			
Fitting position	Rear axle			
Coupling generation	GEN IV / 4			
Contents:				
Feeder pump incl. scr V25-2115 - 1 589 740		-	1 x	
Hydraulic filter, multi- V25-2070 - 1 673 828	•	1 x	1 x	
Oil, multi-plate clutch V60-0450 - 1 931 273	` '	1 x	1 x	
Oil drain plug with sea	al	2 x	2 x	

X-Ref: 1 673 828 kit

X-Ref: 1 589 740 kit

V25-2135

V25-2160

Parts kit, oil change multi-plate clutch all-wheel drive

Repair kit, multi-plate clutch pump (all-wheel drive)

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HYDRAULIC FILTER, PARTS SETS | 17301 FEEDER PUMP MULTI-PLATE CLUTCH | 17303







i. a. fitting for	Land Rover: Freelander 2, Evoque			
Fitting position	Rear axle			
Coupling generation	GEN IV / 4			
Contents:				
Feeder pump incl. scro V48-0515 - LR 008958	5 5	-	1 x	
Hydraulic filter, multi- V48-0263 - LR 032298		1 x	1 x	
Oil, multi-plate clutch V60-0450 - LR 054941	(1 l)	1 x	1 x	
Oil drain plug		2 x	2 x	
Seal 18x24x1,5		2 x	2 x	

X-Ref: LR 032298 kit

X-Ref: LR 075763 kit

V48-0522

V48-0526

Parts kit, oil change multi-plate clutch all-wheel drive

Repair kit, multi-plate clutch pump (all-wheel drive)

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HYDRAULIC FILTER, PARTS SETS | 17301 FEEDER PUMP MULTI-PLATE CLUTCH | 17303





i. a. fitting for	Land Rover: Evoque, Discovery Sport				
Fitting position	Rear axle				
Coupling generation	GEN V / 5				
Contents:					
Feeder pump incl. scr V48-0516 - LR 051321	• •	-	-	1 x	
Hydraulic filter, multi- V10-6662 - LR 051321		-	1 x	-	
Oil, multi-plate clutch V60-0450 - LR 054941	• •	1 x	1 x	1 x	
Oil drain plug		1 x	1 x	1 x	
Oil filler plug		1 x	1 x	1 x	
Seal, drain / filler plug	j 18 x 24 x 1,5 mm	2 x	2 x	2 x	

X-Ref: LR 054941 kit1

X-Ref: LR 054941 kit2

X-Ref: LR 051321 kit

V48-0528

V48-0528-XXL

V48-0527

Parts kit, oil change multi-plate clutch all-wheel drive

Parts kit, oil change multi-plate clutch all-wheel drive

Repair kit, multi-plate clutch pump (all-wheel drive)

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i. a. fitting for	<b>Opel:</b> Insignia, <b>Saab:</b> 9-3, 9-5			
Fitting position	Rear axle			
Coupling generation	GEN IV / 4			
Contents:				
Feeder pump incl. scr V40-1674 - 04 04 078	ews & sealing rings	-	-	1 x
Feeder pump incl. scr V40-1673 - 04 04 029	ews & sealing rings	-	1 x	-
<b>Hydraulic filter, multi-</b> V40-1565 - 04 03 012	plate clutch	1 x	1 x	1 x
Oil, multi-plate clutch V60-0450 - 19 40 057	(1 l)	1 x	1 x	1 x
Oil drain plug with sea	al	2 x	2 x	2 x

X-Ref: 04 03 012 kit

X-Ref: 04 04 029 kit

X-Ref: 04 04 078 kit

V40-1695

V40-1744

V40-1745

Parts kit, oil change multi-plate clutch all-wheel drive Repair kit, multi-plate clutch pump (all-wheel drive)

Repair kit, multi-plate clutch pump (all-wheel drive)

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i. a. fitting for	<b>Volvo:</b> S60, V60, V70, XC60, XC70, XC9	90		
Fitting position	Rear axle			
Coupling generation	GEN IV / 4			
Contents:				
Feeder pump incl. scro V48-0515 - 31 256 757	• •	-	1 x	
Hydraulic filter, multi- V95-0373 - 31 325 173		1 x	1 x	
Oil, multi-plate clutch V60-0450 - 31 367 940	• •	1 x	1 x	
Oil filler/drain plug M1	8x1,5	2 x	2 x	
Seal 18 mm		2 x	2 x	

X-Ref: 31 325 173 kit

X-Ref: 31 256 757 kit

V95-0612

V95-0617

Parts kit, oil change multi-plate clutch all-wheel drive

Repair kit, multi-plate clutch pump (all-wheel drive)

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HYDRAULIC FILTER, PARTS SETS | 17301 FEEDER PUMP MULTI-PLATE CLUTCH | 17303







i. a. fitting for	Volvo: S60, S90, V40, V60, V70	, V90, XC40, XC60, XC90		
Fitting position	Rear axle			
Coupling generation	GEN V / 5			
Contents:				
Feeder pump incl. scre V95-0597 - 31 367 750		-	1 x	
Hydraulic filter, multi- V10-6662 - 31 367 750	plate clutch incl. seal set	1 x	-	
Oil, multi-plate clutch V60-0450 - 31 367 940	` '	1 x	1 x	
Screw plug		1 x	1 x	

X-Ref: 31 367 940 kit

X-Ref: 31 367 750 kit

V95-0619-XXL

V95-0618

Parts kit, oil change multi-plate clutch all-wheel drive

Repair kit, multi-plate clutch pump (all-wheel drive)

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# HYDRAULIC FILTER, MULTI-PLATE CLUTCH ALL-WHEEL DRIVE

HYDRAULIC FILTER, PARTS SETS | 17301

Vehicle manufacturer	VAICO	Xref	Vehicle applications	Coupling generation	
AUDI-VW	V10-2685	02D 525 558 A	i. a. fitting for A3, TT, Golf IV, Bora, Sha- ran, Leon, Octavia	GENI/1	
AUDI-VW	V10-2686	02D 598 574	i. a. fitting for A3, TT, Golf V, Passat, T5, Leon, Octavia	GEN II / 2	
AUDI-VW	V10-5000	0BR 525 558 part	i. a. fitting for A3, TT, Golf VI, Passat, Tiguan, Octavia	GEN IV / 4	
AUDI-VW	V10-6662	0CQ 598 549 part	i. a. fitting for A1, A3, Q3, Golf VII, TT, Passat, T6, Octavia	GEN V / 5	
FORD	V25-1300	8V41-4A319-AA	i. a. fitting for Kuga	GEN 2 & 3	
FORD	V25-2070	1 673 828	i. a. fitting for Kuga	GEN IV / 4	
OPEL	V40-1565	04 03 012	i. a. fitting for Insignia, 9-3, 9-5	GEN IV / 4	
LAND ROVER	V48-0263	LR 032298	i. a. fitting for Freelander 2	GEN IV / 4	

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## HYDRAULIC FILTER, MULTI-PLATE CLUTCH ALL-WHEEL DRIVE

HYDRAULIC FILTER, PARTS SETS | 17301

Vehicle manufacturer	VAICO	Xref	Vehicle applications	Coupling generation	
VOLVO	V95-0466	8 675 235	i. a. fitting for S60	GENI/1	
VOLVO	V95-0372	30 787 687	i. a. fitting for \$40, \$60, V50, \$80, V70, XC60, XC70, XC90	GEN 2 & 3	
VOLVO	V95-0373	31 325 173	i. a. fitting for \$60, \$80, V60, V70, XC60, XC70, XC90	GEN IV / 4	

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## PUMP, MULTI-PLATE CLUTCH ALL-WHEEL DRIVE

FEEDER PUMP MULTI-PLATE CLUTCH | 17303

Vehicle manufacturer	VAICO	Xref	Vehicle applications	Coupling generation	
AUDI-VW	V10-6587	02D 525 557	i. a. fitting for A3, Golf IV, Bora, TT, Sha- ran, Leon, Octavia	GENI/1	
AUDI-VW	V10-6588	0AV 598 549 A	i. a. fitting for A3, Golf V, Passat, TT, Altea, Octavia	GEN II / 2	
AUDI-VW	V10-6589	02W 598 549 A	i. a. fitting for T5	GEN II / 2	
AUDI-VW	V10-6591	0AY 598 549 A	i. a. fitting for A1, A3, Q3, Golf VI, TT, Passat, T5, T6, Octavia	GEN IV / 4	
AUDI-VW	V10-6592	OCQ 598 549	i. a. fitting for A1, A3, Q3, Golf VII, TT, Passat, T6, Octavia	GEN V / 5	11
AUDI-VW	V10-6593	OCQ 598 549 A	i. a. fitting for Crafter	GEN V / 5	11
AUDI-VW	V10-6594	0CQ 525 549	i. a. fitting for Crafter	-	11
BMW	V20-4007	33 10 8 663 457	i. a. fitting for F40, F44, F45/46, F48, F39, F54, F60	GEN V & 5	II

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FEEDER PUMP MULTI-PLATE CLUTCH I 17303

Vehicle manufacturer	VAICO	Xref	Vehicle applications	Coupling generation	
FORD	V25-2117	7F93-4C019-AA	i. a. fitting for FORD USA	GEN II & 2	11
FORD	V25-2107	1 526 441	i. a. fitting for Kuga	GEN II & III	
FORD	V25-2115	1 589 740	i. a. fitting for Kuga	GEN IV / 4	
FORD	V25-2116	2 274 601	i. a. fitting for Transit	GEN V & 5	
KIA	A53-0042	47810-3B520	i. a. fitting for Santa Fe, Sorento, Tucson, Sportage	-	
LAND ROVER	V48-0518	LR 003147	i. a. fitting for Freelander 2	GEN III & 3	
LAND ROVER	V48-0515	LR 075763	i. a. fitting for Freeelander 2, Evoque, S60, S80, XC60, XC90	GEN IV / 4	
LAND ROVER	V48-0516	LR 051321	i. a. fitting for Discovery Sport, Evoque	GEN V & 5	II

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FEEDER PUMP MULTI-PLATE CLUTCH | 17303

Vehicle manufacturer	VAICO	Xref	Vehicle applications	Coupling generation	
LAND ROVER	V48-0517	LR 093768	i. a. fitting for Velar, F Pace-XE-XF	GEN V & 5 (T-CASE)	11
OPEL	V40-1673	04 04 029	i. a. fitting for Insignia, Saab, Buick, Cadillac	GEN IV / 4	
OPEL	V40-1674	04 04 078	i. a. fitting for Insignia, 9-3, Buick, Cadillac	GEN IV / 4	
PORSCHE	V45-0231	9P1 906 271 A	i. a. fitting for 911 Turbo, Cayenne	GEN V & 5	11
VOLVO	V95-0596	8 675 234	i. a. fitting for S60	GEN I & 1	
VOLVO	V95-0595	30 783 079	i. a. fitting for XC70 I & II	GEN II & III	
VOLVO	V95-0597	31 367 750	i. a. fitting for S60, S90, V40, V60, V70, V90, XC40, XC60, XC90	GEN V & 5	

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