

# 4 piece Kits



The innovative aftermarket solution  
By Valeo



LCV



PASSENGER CARS



TAXIS

**Valeo**

# A new Valeo innovation for vehicles originally fitted with a Dual Mass Flywheel (DMF)

The new 4-pcs kit solution with rigid flywheel is designed to replace the original Dual Mass Flywheel & Clutch Kit. It is a particularly suitable option for older vehicles & vehicles subjected to intensive use.

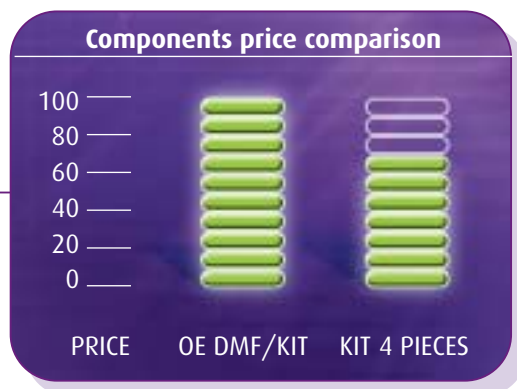


Valeo WX technology long travel damper disc



The vibration filtering function originally performed by the Dual Mass Flywheel (DMF) is transferred to the WX clutch disc which has a high vibration filtering performance thanks to its long travel damper, whilst still being able to transmit high engine torque.

## Up to 30% cost saving against high cost replacement of Dual Mass Flywheel



Even 70% of additional cost saving on 2<sup>nd</sup> replacement, as replacement of rigid flywheel is not necessary due to its excellent reliability.

... and of course traditional 3 pieces kit without the flywheel is available in our premium Valeo range, if original flywheel is still in good condition.

## Up to 25% increased clutch life\* due to a greater surface friction area







A strong advantage, in particular for vehicles with intensive use such as LCV, Taxis & Company cars.



During repair, the complete original system (DMF + kit) must be removed and replaced by the 4-pcs kit (rigid flywheel + kit).

\* on some applications

# Range & Vehicle Applications

	 	CC			Ø		
<b>826317</b>	Audi	A3 1.8 i Turbo 20V	1781	AGU, AQA, ARX, ARZ, AUM	12/1996 ▶	228	28
		A3 1.8 i Turbo 20V	1781	AJQ, AUQ	11/1998 ▶ 06/2003	228	28
		A3 1.8 i Turbo 20V 5-speed	1781	APP	11/1998 ▶ 05/2000	228	28
		A3 1.9 TDi 90	1896	AGR, ALH	03/1997 ▶ 07/2001	228	28
		A3 1.9 TDi 100	1896	ATD, AXR	01/2001 ▶ 06/2003	228	28
		A3 1.9 TDi 110	1896	AFH, ASV	11/1998 ▶ 07/2001	228	28
		TT 1.8 i Turbo 20V	1781	AJQ, APP, ARY, AUQ	07/2000 ▶ 10/2001	228	28
	Seat	Cordoba II (97>99) 1.9 TDi 110	1896	AFN	03/1997 ▶ 06/1999	228	28
		Cordoba III (99>) 1.8 i Turbo 20V	1781	AQX	12/1999 ▶ 08/2002	228	28
		Cordoba III (99>) 1.9 TDi 90	1896	AGR, ALH	03/1999 ▶ 08/2002	228	28
		Cordoba III (99>) 1.9 TDi 110	1896	ASV	03/1999 ▶ 08/2002	228	28
		Ibiza II (93>99) 1.9 TDi 110	1896	AFN	03/1997 ▶ 06/1999	228	28
		Ibiza III (99>02) 1.8 i Turbo 20V	1781	AQX, AYP	12/1999 ▶ 11/2001	228	28
		Ibiza III (99>02) 1.9 TDi 110	1896	AFN, ASV	05/1999 ▶ 11/2001	228	28
		Leon 1.9 TDi 90	1896	AGR, ALH	11/1999 ▶ 05/2002	228	28
		Leon 1.9 TDi 110	1896	AHF, ASV	10/1999 ▶ 09/2000	228	28
		Toledo (91>98) 1.9 TDi 110	1896	AFN	05/1997 ▶ 09/1998	228	28
		Toledo II (98>) 1.9 TDi 90	1896	AGR, ALH	03/1999 ▶ 09/2001	228	28
	Toledo II (98>) 1.9 TDi 110	1896	AHF, ASV	10/1998 ▶ 09/2002	228	28	
	Skoda	Octavia 1.8 i Turbo 20V	1781	AGU, ARZ, AUM	05/1998 ▶	228	28
		Octavia 1.8 i Turbo 20V	1781	AUQ	12/2000 ▶	228	28
		Octavia 1.8 i Turbo 20V 4WD	1781	ARX	08/2000 ▶	228	28
		Octavia 1.9 TDi 90	1896	AGR, ALH	10/1996 ▶	228	28
		Octavia 1.9 TDi 90 4WD	1896	AGR	08/2000 ▶	228	28
		Octavia 1.9 TDi 110	1896	AHF, ASV	08/1997 ▶	228	28
	VW	Bora 1.8 i Turbo 20V	1781	AGU, AUM	09/2000 ▶	228	28
		Bora 1.9 TDi 90	1896	AGR	09/1998 ▶	228	28
		Bora 1.9 TDi 110	1896	AHF, ASV	09/1998 ▶	228	28
		Bora 1.9 TDi 100, 4-Motion	1896	ATD	05/2000 ▶	228	28
		Golf III (91>97) 1.9 TDi 110	1896	AFN, AHU, ALE	07/1995 ▶	228	28
		Golf III (91>97) 1.9 TDi 110 Syncro	1896	AFN, AVG	05/1996 ▶	228	28
		Golf IV (97>) 1.8 i Turbo 20V	1781	AGU, ARZ, AUM	10/1997 ▶	228	28
		Golf IV (97>) 1.9 TDi 90	1896	AGR, ALH	10/1997 ▶	228	28
		Golf IV (97>) 1.9 TDi 90 4-Motion	1896	AGR	07/1998 ▶	228	28
		Golf IV (97>) 1.9 TDi 100	1896	ATD, AXR	05/2000 ▶	228	28
		Golf IV (97>) 1.9 TDi 110	1896	AHF, ASV	10/1997 ▶	228	28
		New Beetle 1.8 i 20V Turbo	1781	APH, AVC, AWU, AWV	07/1999 ▶	228	28
		New Beetle 1.9 TDi 90	1896	ALH	11/1998 ▶	228	28
		New Beetle 1.9 TDi 100	1896	ATD	10/2000 ▶	228	28
		Passat (93>97) 1.9 TDi	1896	AFN	03/1996 ▶ 09/1996	228	28
		Polo (94>99) 1.9 TDi	1896	AFN	06/1998 ▶ 08/1999	228	28
		Polo (99>) 1.9 TDi 90	1896	AGR, ALH	09/2000 ▶ 10/2001	228	28
Polo (99>) 1.9 TDi 110		1896	ASV	10/1999 ▶	228	28	
<b>826551</b>	VW	Polo (94>99) 1.9 Diesel	1896	AEF	10/1994 ▶ 09/1999	190	24
		Polo (99>) 1.9 Diesel	1896	AEF	10/1999 ▶ 10/2001	190	24
<b>835000</b>	Ford	Transit (2000>) 2.4 TDDi 16V	2402	F4FA, D2FA, D4FA	06/2000 ▶	254	23

**And additional kits are under development to cover the most popular models of the older car population equipped with Dual Mass Flywheels.**

# EMPOWERING YOUR SERVICES



## COMMERCIAL SUPPORT

### Catalogues

Thanks to a new electronic database, Valeo Service is able to update and publish catalogues on a regular basis. Each time a catalogue is released, a minimum of 80 new part numbers are added and a complete list of part numbers cancelled and/or replaced to aid customers in stock management.

### Sales Support

Sales support tools for the launch of new products and fitting instructions.



## TECHNICAL SUPPORT

### Fitting instructions on CD ROM containing:

- Fitting instructions and advice
- Diagnosis of any fault linked to the clutch system
- Menu pricing system (to estimate and calculate the cost of any maintenance operation on the clutch)
- Disassembling and refitting procedures are illustrated by step by step photo sequences and explanatory diagrams.

### Technical Training

- Essential information on clutch systems. In depth technical information on new technologies and how to best use diagnostic, maintenance and repair tools.

### A Dedicated Technical Hotline



## PACKAGING FOR TOTAL SAFETY

- Valeo's shrink wrap packaging secures the clutch in place therefore reducing the occurrence of handling damage between the manufacturing plant and the garage workshop. In the top moving kits, Valeo provides a clutch alignment tool designed to save the mechanics time when the clutch is fitted and a sachet of high melting point grease.



## WORLD-WIDE LOGISTICS FACILITIES

- Significant investments in logistics facilities and systems ensure the ability to provide you with effective logistics support.

[www.valeoservice.com](http://www.valeoservice.com)

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**Valeo**  
Service