

### Valeo O.E. Passenger Car Dual Dry Clutch

The New Valeo Smart O.E. Transmission Systems technology for Kia and Hyundai offers outstanding responsiveness and comfort.

#### OVERVIEW

There is a growing awareness of vehicle emissions, and all components have a part to play in their reduction. For Valeo, developing a product that is both efficient in helping this cause, while giving the driver a smooth and comfortable experience, is a challenge they have risen to. For Hyundai and Kia's second-generation six and seven-gear vehicles, the answer is the Valeo Dual Dry Clutch.



#### INTRODUCING...

The Valeo Dual Dry Clutch (DDC) for Kia and Hyundai 6&7 gear vehicles offers the comfort of an automatic transmission and the responsiveness of a manual. The OE product provides smoothly continuous acceleration combined with a minimum loss of torque. An electromechanically controlled gear change boosting the driving efficiency. The Valeo Dual Dry Clutch's 7 gears actuators offers 15% faster gears change compared to previous generations of DDC for Hyundai and Kia.



#### FEATURES

1. Optimised gear ratio
2. Electrically-controlled actuators
3. Two separate gear change mechanisms
4. Two independent clutch actuators
5. Seven forward gears, one reverse

The Valeo Dual Dry Clutch uses optimised gear ratios and electrically-controlled actuators to improve shift time. Its compact size belies its performance, with a wide gear ratio coverage providing the best response in all driving conditions.

#### Important

It is mandatory to use toolkit 855513 when installing the Valeo Dual Dry Clutch. The tool ensures easy removal and installation of the clutch, and precise calibration of the actuator. This tool kit is sold separately.



## BENEFITS

1. **100% OE technology**
2. **Improved acceleration performance**
3. **Improved vehicle fuel efficiency through better driving performance**
4. **15% faster gear changing**
5. **CO2 emission reduction**

Valeo's Dual Dry Clutch technology allows the vehicle to emit less CO2, improve fuel economy and provide the driver with the benefits of a manual transmission. Fitting OE parts when required can keep the experience the driver has, and allow them to continue receiving these benefits for the life of the vehicle.

*"Valeo Dual Dry Clutch, designed to foster a unique driving experience and lower CO2 emissions."*

## PRODUCT INFORMATION

The full range includes three Dual Dry Clutch kits, seven Dual Mass Flywheels, 11 Actuators, one Coupling Rotor and one Toolset. The Valeo offer gives a simple manual calibration procedure for better efficiency in the workshop. In addition, the offer comes with a complete technical support program, including fitting instructions, live trainings, webinars, interactive presentations and videos from the Valeo Tech @ssist free Online Technical web platform.



For technical enquiries, call 01527 838 300 Option 2,  
or email [vsa.uk.technical.mailbox@valeo.com](mailto:vsa.uk.technical.mailbox@valeo.com)  
For Sales, call 01527 838 300 Option 1, or  
email [vsa.uk-customer care.mailbox@valeo.com](mailto:vsa.uk-customer care.mailbox@valeo.com)