

# Q&A

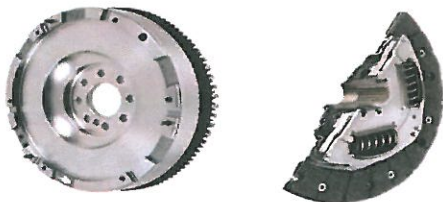
*"How would you know if a vehicle has had a Valeo conversion kit fitted? Sometimes we never find out until the clutch has been removed and it leads to a delay in the part supply"*

*Manny Brewing – Mechanic –  
Rugely*

Inside each conversion kit box Valeo provide a sticker notice that can be attached to the engine. This ensures vehicles fitted with a Valeo conversion kit can be identified well before any servicing or dismounting.

The Valeo conversion kit sticker makes vehicles equipped with a solid flywheel conversion kit easily recognisable. Only the Valeo associated clutch service kit must be purchased and replaced on the vehicle during the second clutch replacement. The sticker can be placed within the engine environment after fitment of the Valeo conversion kit. The sticker has been designed and developed in order to be able to resist increased engine temperatures so there is no risk when applying to an appropriate part of the vehicle.

Once the Valeo conversion kit has been installed on the vehicle, the solid flywheel rarely requires replacement. Only in instances where the flywheel has become damaged is it necessary to replace. Due to its solid mass the Valeo conversion kit flywheel provides customers with a durable choice in the aftermarket.



The Valeo solid flywheel conversion kit offers optimal flywheel inertia, which contributes significantly to the reduction of engine vibrations. In addition to this, within the Valeo conversion kit the dampening function is transmitted to the clutch disc. The clutch disc features Valeo long travel damper technology or in some instances, high angular displacement technology, both of which are used by OE vehicle manufacturers. The technologies have a very low damper and pre-damper stiffness and an increased inertia thanks to the solid flywheel reducing oscillation frequency.

In addition to the sticker, the flywheel bolts and clutch cover bolts are always supplied in the box. They are specifically designed for each application. All fitting bolt torques, angle of the fixing bolts and position of the flywheel are in the conversion kit fitting notice that again is always supplied in the box providing essential fitting tips for a perfect assembly.

The Valeo conversion kit ensures 100% torque transfer and during the design phase, the maximum engine torque is considered. The kit runs at optimised temperature boundaries, thus keeping the facings friction coefficient in good value for increased torque transfer capacity.

All Valeo conversion kits are tested via vehicle trials and benchmark tests to ensure that every conversion kit designed and developed is 100% validated.

