








## OE FUEL VAPOURISATION VALVES

It is thought that around 80% of Ford DPF issues can be directly linked to the failure of these components.



 Intermotor	 KERR NELSON	 FuelParts.	 LEMARK	 Lucas		APPLICATION
81000	KVV001	FVV001	LVV001	FDR5000		Transit
81001	KVV002	FVV002	LVV002	FDR5001		C-Max, Focus II, III, Mondeo IV, S-Max
81002	KVV003	FVV003	LVV003	FDR5002		Kuga I
81003	KVV004	FVV004	LVV004	FDR5003		Transit
81004	KVV005	FVV005	LVV005	FDR5004		Focus III
81005	KVV006	FVV006	LVV006	FDR5005		Focus III, Kuga II
81006	KVV007	FVV007	LVV007	FDR5006		Transit
81007	KVV008	FVV008	LVV008	FDR5007		Ranger
81008	KVV009	FVV009	LVV009	FDR5008		Transit Connect
81009	KVV010	FVV010	LVV010	FDR5014		Transit Tourneo
81010	KVV011	FVV011	LVV011	FDR5015		Kuga II
81011	KVV012	FVV012	LVV012	FDR5009		Transit
81012	KVV013	FVV013	LVV013	FDR5010		Transit
81013	KVV014	FVV014	LVV014	FDR5011		Transit
81014	KVV015	FVV015	LVV015	FDR5012		Citroen Relay, Peugeot Boxer
81015	KVV016	FVV016	LVV016	FDR5013		Transit Torneo

The range has been introduced to meet growing customer demand, with coverage for both Ford passenger car and commercial vehicle applications including Mondeo, Focus, Transit and Kuga models.

A fuel vapour valve is an electrically heated glow plug that evaporates the diesel fuel, then injects it into the exhaust gas stream directly before the DPF. The fuel vapour valve incinerates particulate matter (PM) without oil dilution and requires no additional cooling, helping to improve fuel economy and CO2 emissions. It also enables more frequent DPF regeneration with low load conditions and when idling, allowing for an extended operating range.



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Intermotor	KERR NELSON	FuelParts.	LEMARK	Lucas	FORD OE CROSS REFERENCE
81000	KVV001	FVV001	LVV001	FDR5000	1837958
81001	KVV002	FVV002	LVV002	FDR5001	1856982
81002	KVV003	FVV003	LVV003	FDR5002	1748653
81003	KVV004	FVV004	LVV004	FDR5003	1877192
81004	KVV005	FVV005	LVV005	FDR5004	1878827
81005	KVV006	FVV006	LVV006	FDR5005	1902014
81006	KVV007	FVV007	LVV007	FDR5006	1940311
81007	KVV008	FVV008	LVV008	FDR5007	2009096
81008	KVV009	FVV009	LVV009	FDR5008	5312744
81009	KVV010	FVV010	LVV010	FDR5014	1940310
81010	KVV011	FVV011	LVV011	FDR5015	1877097
81011	KVV012	FVV012	LVV012	FDR5009	1548748
81012	KVV013	FVV013	LVV013	FDR5010	1940313
81013	KVV014	FVV014	LVV014	FDR5011	2167210
81014	KVV015	FVV015	LVV015	FDR5012	967682950
81015	KVV016	FVV016	LVV016	FDR5013	1890231

The valve's proprietary design works to virtually eliminate clogging over the lifetime of the product, providing good diesel fuel distribution and low backpressure. The part also benefits from minimised heat losses, resulting in fuel-efficient DPF regeneration due to heat generations close to the DPF, producing no secondary emissions. Fuel vapour valves also avoid oil dilution, along with the engine breakdowns and increased need for oil service that may result from them.

Compared to an injector, a fuel vapour valve requires less mixing length and no additional cooling, with easy installation and replacement for technicians. No special tools are required, just a possible bleed of the valve when refitted, with a fluid container to collect any excess diesel and an ammeter.



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