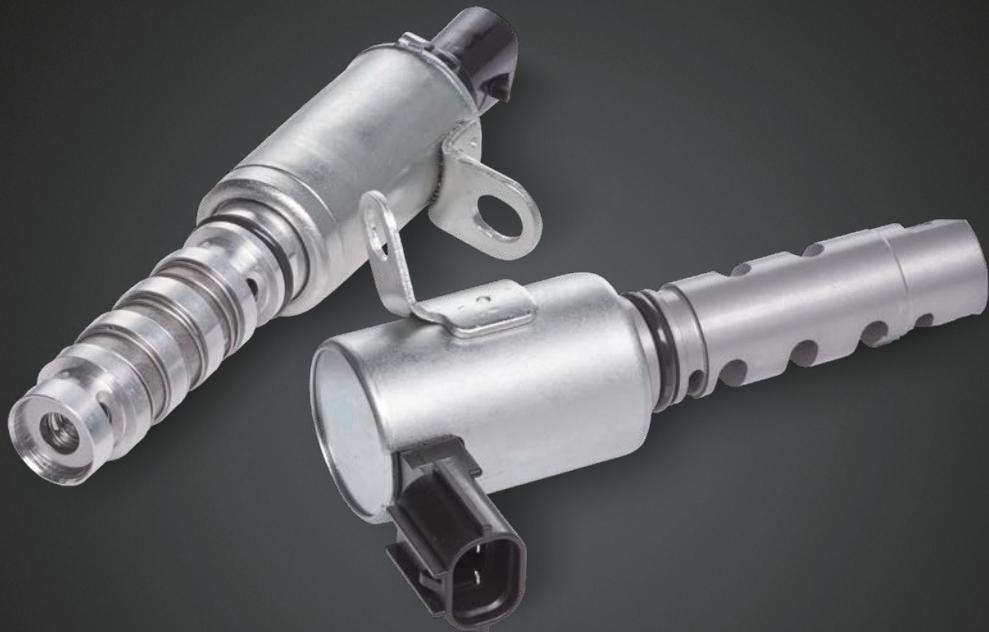




DRIVEN BY POSSIBILITY™



VARIABLE VALVE TIMING SOLENOIDS



FINALLY! YOUR SOURCE AT OE QUALITY

A properly functioning Variable Valve Timing (VVT) system is critical for optimal engine performance at various engine speeds and operating conditions. A clogged, malfunctioning or failed variable valve timing solenoid will negatively affect engine performance and the entire VVT system. Gates' new line of Variable Valve Timing Solenoids provides the perfect solution. These OE quality parts ensure an exact fit and easy installation while effectively restoring the variable valve timing system to proper operation and performance.



TIMING IS CRITICAL FOR OPTIMAL ENGINE PERFORMANCE.

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS103

VVS107

VVS108

VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS103						
VVS103	CHEVROLET	Captiva	Petrol	2.4	2011	
VVS103	CHEVROLET	Captiva	Petrol	2.4	2011	
VVS103	CHEVROLET	HHR	Petrol	2.2	2006	2007
VVS103	CHEVROLET	HHR	Petrol	2.2	2007	2008
VVS103	CHEVROLET	HHR	Petrol	2.4	2006	2011
VVS103	CHEVROLET	HHR	Petrol	2.4	2007	2011
VVS103	CHEVROLET	Malibu	Petrol	2.4	2011	2015
VVS103	CHEVROLET	Malibu	Petrol	2.4	2011	2016
VVS103	CHEVROLET	Malibu	Bio (ethanol) petrol or Methanol	2.4	2010	2012
VVS103	OPEL	Antara	Petrol	2.4	2010	
VVS103	OPEL	Antara	Petrol	2.4	2010	
VVS103	OPEL	Astra GTC	Petrol	2.0	2012	
VVS103	OPEL	GT	Petrol	2.0	2006	2011
VVS103	OPEL	Insignia	Petrol	2.0	2008	2017
VVS103	OPEL	Insignia	Petrol	2.0	2008	2017
VVS103	OPEL	Insignia	Petrol	2.0	2008	2017
VVS103	OPEL	Insignia	Petrol	2.0	2008	2017
VVS103	OPEL	Insignia	Bio (ethanol) petrol or Methanol	2.0	2008	2017
VVS103	OPEL	Insignia	Bio (ethanol) petrol or Methanol	2.0	2010	2017
VVS103	OPEL	Insignia Sports Tourer	Petrol	2.0	2008	2017
VVS103	OPEL	Insignia Sports Tourer	Petrol	2.0	2008	2017
VVS103	OPEL	Insignia Sports Tourer	Bio (ethanol) petrol or Methanol	2.0	2010	2017
VVS107						
VVS107	PONTIAC	Vibe	Petrol	2.4	2009	2010
VVS107	TOYOTA	Avensis	Petrol	2.0	2000	2003
VVS107	TOYOTA	Avensis	Petrol	2.0	2000	2003
VVS107	TOYOTA	Avensis	Petrol	2.0	2003	2008
VVS107	TOYOTA	Avensis	Petrol	2.0	2003	2008
VVS107	TOYOTA	Avensis	Petrol	2.4	2003	2008
VVS107	TOYOTA	Avensis	Petrol	2.4	2003	2008
VVS107	TOYOTA	Avensis	Petrol	2.4	2003	2008
VVS107	TOYOTA	Avensis	Petrol	2.4	2003	2008
VVS107	TOYOTA	Avensis Estate/Wagon	Petrol	2.0	2000	2003
VVS107	TOYOTA	Avensis Estate/Wagon	Petrol	2.0	2003	2008
VVS107	TOYOTA	Avensis Estate/Wagon	Petrol	2.0	2003	2008
VVS107	TOYOTA	Avensis Estate/Wagon	Petrol	2.4	2003	2008
VVS107	TOYOTA	Avensis Estate/Wagon	Petrol	2.4	2003	2008
VVS107	TOYOTA	Avensis Verso	Petrol	2.0	2001	2005
VVS107	TOYOTA	Camry	Petrol	2.0	2001	2006
VVS107	TOYOTA	Camry	Petrol	2.0	2011	
VVS107	TOYOTA	Camry	Petrol	2.4	2001	2006
VVS107	TOYOTA	Camry	Petrol	2.4	2006	2011
VVS107	TOYOTA	Camry	Petrol	2.4	2006	2011
VVS107	TOYOTA	Camry	Petrol	2.4	2006	2011
VVS107	TOYOTA	Camry Solara	Petrol	2.4	2003	2006
VVS107	TOYOTA	Camry Solara	Petrol	2.4	2003	2007
VVS107	TOYOTA	Estima	Petrol	2.4	2000	2006
VVS107	TOYOTA	Estima	Petrol	2.4	2000	2006
VVS107	TOYOTA	Estima	Petrol	2.4	2000	2006
VVS107	TOYOTA	Highlander	Petrol	3.5	2014	
VVS107	TOYOTA	Previa	Petrol	2.4	2000	2005
VVS107	TOYOTA	RAV 4	Petrol	2.0	2000	2005
VVS107	TOYOTA	RAV 4	Petrol	2.0	2006	2013
VVS107	TOYOTA	RAV 4	Petrol	2.4	2000	2005
VVS107	TOYOTA	RAV 4	Petrol	2.4	2005	2013
VVS107	TOYOTA	RAV 4	Petrol	2.4	2005	2013
VVS108						
VVS108	LEXUS	ES 350	Petrol	3.5	2006	2012
VVS108	LEXUS	ES 350	Petrol	3.5	2012	2018

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS108	LEXUS	ES 350	Petrol	3.5	2012	2018
VVS108	LEXUS	ES 350	Petrol	3.5	2014	2018
VVS108	LEXUS	GS 300	Petrol	3.0	2005	2011
VVS108	LEXUS	GS 300	Petrol	3.0	2005	2011
VVS108	LEXUS	GS 450h	Full Hybrid/petrol	3.5	2006	2011
VVS108	LEXUS	RX 350	Petrol	3.5	2006	2009
VVS108	LEXUS	RX 350	Petrol	3.5	2008	2015
VVS108	LEXUS	RX 350	Petrol	3.5	2009	2015
VVS108	TOYOTA	Alphard	Petrol	3.5	2008	2014
VVS108	TOYOTA	Alphard	Petrol	3.5	2008	2014
VVS108	TOYOTA	Aurion	Petrol	3.5	2006	2011
VVS108	TOYOTA	Aurion	Petrol	3.5	2011	
VVS108	TOYOTA	Avalon	Petrol	3.5	2004	2005
VVS108	TOYOTA	Avalon	Petrol	3.5	2005	2012
VVS108	TOYOTA	Avalon	Petrol	3.5	2005	2012
VVS108	TOYOTA	Avalon	Petrol	3.5	2012	2018
VVS108	TOYOTA	Camry	Petrol	3.5	2006	2011
VVS108	TOYOTA	Camry	Petrol	3.5	2006	2012
VVS108	TOYOTA	Camry	Petrol	3.5	2006	2014
VVS108	TOYOTA	Camry	Petrol	3.5	2011	2017
VVS108	TOYOTA	Camry	Petrol	3.5	2012	
VVS108	TOYOTA	Previa	Petrol	3.5	2006	
VVS108	TOYOTA	Previa	Petrol	3.5	2006	
VVS108	TOYOTA	RAV 4	Petrol	3.5	2005	2012
VVS108	TOYOTA	Sienna	Petrol	3.5	2006	2009
VVS108	TOYOTA	Sienna	Petrol	3.5	2007	2010
VVS108	TOYOTA	Sienna	Petrol	3.5	2010	
VVS108	TOYOTA	Sienna	Petrol	3.5	2010	
VVS108	TOYOTA	Vellfire	Petrol	3.5	2008	2014
VVS108	TOYOTA	Venza	Petrol	3.5	2009	2016
VVS108	TOYOTA	Venza	Petrol	3.5	2009	2016

VVS111

VVS111	SCION	XA	Petrol	1.5	2004	2006
VVS111	SCION	XA	Petrol	1.5	2004	2006
VVS111	TOYOTA	Echo	Petrol	1.5	1999	2005
VVS111	TOYOTA	Echo	Petrol	1.5	1999	2005
VVS111	TOYOTA	Echo	Petrol	1.5	2001	2005
VVS111	TOYOTA	Yaris	Petrol	1.5	2001	2005
VVS111	TOYOTA	Yaris	Petrol	1.5	2003	2005
VVS111	TOYOTA	Yaris	Petrol	1.5	2003	2005
VVS111	TOYOTA	Yaris	Petrol	1.5	2003	2005
VVS111	TOYOTA	Yaris	Petrol	1.5	2005	2014
VVS111	TOYOTA	Yaris	Petrol	1.5	2007	2013
VVS111	TOYOTA	Yaris	Petrol	1.5	2010	
VVS111	TOYOTA	Yaris	Petrol	1.5	2013	
VVS111	TOYOTA	Yaris	Petrol	1.5	2014	
VVS111	TOYOTA	Yaris Verso	Petrol	1.5	2000	2005
VVS111	TOYOTA	Yaris Verso	Petrol	1.5	2003	2005
VVS111	TOYOTA	Yaris Verso Van	Petrol	1.5	2000	2003

VVS112

VVS112	TOYOTA	Auris	Petrol	1.4	2006	2012
VVS112	TOYOTA	Avensis	Petrol	1.6	2000	2003
VVS112	TOYOTA	Avensis	Petrol	1.6	2000	2003
VVS112	TOYOTA	Avensis	Petrol	1.6	2003	2008
VVS112	TOYOTA	Avensis	Petrol	1.6	2003	2008
VVS112	TOYOTA	Avensis	Petrol	1.8	2000	2003
VVS112	TOYOTA	Avensis	Petrol	1.8	2000	2003

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS112

VVS118

VVS120

VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS112	TOYOTA	Avensis	Petrol	1.8	2003	2008
VVS112	TOYOTA	Avensis	Petrol	1.8	2003	2008
VVS112	TOYOTA	Avensis Estate/Wagon	Petrol	1.6	2000	2003
VVS112	TOYOTA	Avensis Estate/Wagon	Petrol	1.6	2003	2008
VVS112	TOYOTA	Avensis Estate/Wagon	Petrol	1.8	2000	2003
VVS112	TOYOTA	Avensis Estate/Wagon	Petrol	1.8	2003	2008
VVS112	TOYOTA	Celica	Petrol	1.8	1999	2006
VVS112	TOYOTA	Celica (Nato)	Petrol	1.8	1999	2002
VVS112	TOYOTA	Corolla	Petrol	1.4	1999	2001
VVS112	TOYOTA	Corolla	Petrol	1.4	1999	2002
VVS112	TOYOTA	Corolla	Petrol	1.4	2001	2006
VVS112	TOYOTA	Corolla	Petrol	1.4	2001	2007
VVS112	TOYOTA	Corolla	Petrol	1.4	2006	2013
VVS112	TOYOTA	Corolla	Petrol	1.6	1999	2001
VVS112	TOYOTA	Corolla	Petrol	1.6	1999	2002
VVS112	TOYOTA	Corolla	Petrol	1.6	2001	2008
VVS112	TOYOTA	Corolla	Petrol	1.6	2002	2006
VVS112	TOYOTA	Corolla Altis	Petrol	1.6	2002	2008
VVS112	TOYOTA	Corolla Estate/Wagon	Petrol	1.4	1999	2001
VVS112	TOYOTA	Corolla Estate/Wagon	Petrol	1.4	2001	2006
VVS112	TOYOTA	Corolla Estate/Wagon	Petrol	1.6	1999	2001
VVS112	TOYOTA	Corolla Estate/Wagon	Petrol	1.6	2002	2007
VVS112	TOYOTA	Corolla Verso	Petrol	1.6	2001	2004
VVS112	TOYOTA	MR2	Petrol	1.8	1999	2007
VVS112	TOYOTA	RAV 4	Petrol	1.8	2000	2005
VVS112	TOYOTA	RunX	Petrol	1.4	2003	2003
VVS112	TOYOTA	RunX	Petrol	1.6	2003	2003
VVS118						
VVS118	HYUNDAI	Azera	Petrol	2.4	2011	
VVS118	HYUNDAI	Azera	Petrol	2.4	2011	
VVS118	HYUNDAI	Sonata	Petrol	2.0	2012	2014
VVS118	KIA	Carens	Petrol	2.0	2006	2013
VVS118	KIA	Carens	Petrol	2.0	2009	2013
VVS118	KIA	Carens	LPG (with or without Petrol)	2.0	2006	2008
VVS118	KIA	Carens	LPG (with or without Petrol)	2.0	2009	2013
VVS118	KIA	Cerato	Petrol	2.0	2009	2013
VVS118	KIA	Cerato	Petrol	2.0	2009	2013
VVS118	KIA	Cerato	Petrol	2.0	2010	2013
VVS118	KIA	Cerato	Petrol	2.0	2013	2014
VVS118	KIA	Cerato Koup	Petrol	2.0	2009	2013
VVS118	KIA	Cerato Koup	Petrol	2.0	2009	2014
VVS118	KIA	Forte	Petrol	2.0	2009	2013
VVS118	KIA	Forte Koup	Petrol	2.0	2009	2011
VVS118	KIA	Optima	Petrol	2.0	2011	2015
VVS118	KIA	Optima	Petrol	2.0	2012	2015
VVS118	KIA	Optima	Petrol	2.0	2012	2015
VVS118	KIA	Optima	Petrol	2.0	2013	2015
VVS118	KIA	Optima	Petrol	2.0	2014	2015
VVS118	KIA	Optima	Petrol	2.0	2015	
VVS118	KIA	Optima	Petrol	2.0	2015	
VVS118	KIA	Optima	Petrol	2.0	2015	
VVS118	KIA	Optima	Petrol	2.0	2015	
VVS118	KIA	Sorento	Petrol	2.4	2012	2015
VVS118	KIA	Sorento	Petrol	2.4	2012	2015
VVS118	KIA	Sorento	Petrol	2.4	2015	
VVS118	KIA	Sorento	Petrol	2.4	2015	
VVS120						
VVS120	TOYOTA	Avalon	Full Hybrid/petrol	2.5	2012	2018
VVS120	TOYOTA	Camry	Petrol	2.5	2011	
VVS120	TOYOTA	Camry	Petrol	2.5	2011	

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS120	TOYOTA	Camry	Petrol	2.5	2012	
VVS120	TOYOTA	Corolla	Petrol	1.8	2007	2012
VVS120	TOYOTA	Corolla	Petrol	1.8	2007	2014
VVS120	TOYOTA	Corolla	Petrol	1.8	2008	2014
VVS120	TOYOTA	Corolla	Petrol	1.8	2008	2012
VVS120	TOYOTA	Corolla	Petrol	1.8	2013	2018
VVS120	TOYOTA	Corolla	Full Hybrid/petrol	1.8	2018	
VVS120	TOYOTA	Corolla	Full Hybrid/petrol	1.8	2019	
VVS120	TOYOTA	Corolla	Full Hybrid/petrol	1.8	2019	
VVS120	TOYOTA	Corolla Altis	Petrol	2.0	2014	2018
VVS120	TOYOTA	Corolla Axio	Petrol	1.8	2006	2010
VVS120	TOYOTA	Highlander	Petrol	2.7	2009	2014
VVS120	TOYOTA	Highlander	Petrol	2.7	2014	
VVS120	TOYOTA	Matrix	Petrol	1.8	2008	
VVS120	TOYOTA	Premio	Petrol	1.8	2007	
VVS120	TOYOTA	Premio	Petrol	1.8	2008	
VVS120	TOYOTA	Prius	Full Hybrid/petrol	1.8	2008	
VVS120	TOYOTA	Prius	Full Hybrid/petrol	1.8	2015	
VVS120	TOYOTA	Prius	Full Hybrid/petrol	1.8	2015	
VVS120	TOYOTA	RAV 4	Petrol	2.5	2012	
VVS120	TOYOTA	RAV 4	Petrol	2.5	2012	2018
VVS120	TOYOTA	RAV 4	Petrol	2.5	2013	2018
VVS120	TOYOTA	RAV 4	Petrol	2.5	2013	2018
VVS120	TOYOTA	Sienna	Petrol	2.7	2010	2013
VVS120	TOYOTA	Venza	Petrol	2.7	2008	2016
VVS120	TOYOTA	Venza	Petrol	2.7	2008	2016
VVS120	TOYOTA	Venza	Petrol	2.7	2012	2016

VVS124

VVS124	LEXUS	GS 430	Petrol	4.3	2000	2005
VVS124	LEXUS	GS 430	Petrol	4.3	2005	2011
VVS124	LEXUS	GS 430	Petrol	4.3	2005	2011
VVS124	LEXUS	LS 430	Petrol	4.3	2000	2006
VVS124	LEXUS	LS 430	Petrol	4.3	2000	2006
VVS124	LEXUS	SC 430	Petrol	4.3	2001	2010
VVS124	LEXUS	SC 430	Petrol	4.3	2001	2010
VVS124	LEXUS	SC 430	Petrol	4.3	2009	2010
VVS124	TOYOTA	Land Cruiser 100	Petrol	4.7	2002	2008
VVS124	TOYOTA	Land Cruiser 200	Petrol	4.7	2007	
VVS124	TOYOTA	Land Cruiser 200	Petrol	4.7	2008	
VVS124	TOYOTA	Land Cruiser Amazon	Petrol	4.7	2002	2007
VVS124	TOYOTA	Land Cruiser V8	Petrol	4.7	2008	
VVS124	TOYOTA	Land Cruiser V8	Petrol	4.7	2008	
VVS124	TOYOTA	Prado	Petrol	4.7	2002	2008
VVS124	TOYOTA	Prado	Petrol	4.7	2002	2008
VVS124	TOYOTA	Prado	Petrol	4.7	2002	2008
VVS124	TOYOTA	Sequoia	Petrol	4.7	2000	2007
VVS124	TOYOTA	Sequoia	Petrol	4.7	2000	2007
VVS124	TOYOTA	Sequoia	Petrol	4.7	2004	2007
VVS124	TOYOTA	Sequoia	Petrol	4.7	2004	2007
VVS124	TOYOTA	Sequoia	Petrol	4.7	2007	2014
VVS124	TOYOTA	Sequoia	Petrol	4.7	2007	2014
VVS124	TOYOTA	Tundra	Petrol	4.7	1999	2006
VVS124	TOYOTA	Tundra	Petrol	4.7	1999	2006
VVS124	TOYOTA	Tundra	Petrol	4.7	1999	2006
VVS124	TOYOTA	Tundra	Petrol	4.7	1999	2006
VVS124	TOYOTA	Tundra	Petrol	4.7	1999	2006
VVS124	TOYOTA	Tundra	Petrol	4.7	1999	2006
VVS124	TOYOTA	Tundra	Petrol	4.7	1999	2006
VVS124	TOYOTA	Tundra	Petrol	4.7	2006	2009

VVS120

VVS124

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS124	TOYOTA	Tundra	Petrol	4.7	2006	2009
VVS130						
VVS130	LEXUS	LX 570	Petrol	5.7	2007	
VVS130	LEXUS	LX 570	Petrol	5.7	2007	
VVS130	LEXUS	LX 570	Petrol	5.7	2008	
VVS130	LEXUS	LX 570	Petrol	5.7	2015	
VVS130	TOYOTA	Sequoia	Petrol	5.7	2007	
VVS130	TOYOTA	Sequoia	Petrol	5.7	2007	
VVS130	TOYOTA	Sequoia	Petrol	5.7	2008	
VVS130	TOYOTA	Sequoia	Bio (ethanol) petrol or Methanol	5.7	2007	
VVS130	TOYOTA	Sequoia	Bio (ethanol) petrol or Methanol	5.7	2009	
VVS130	TOYOTA	Sequoia	Petrol	4.6	2010	2010
VVS130	TOYOTA	Sequoia	Petrol	4.6	2010	2010
VVS130	TOYOTA	Tundra	Petrol	4.6	2006	2013
VVS130	TOYOTA	Tundra	Petrol	5.7	2006	
VVS130	TOYOTA	Tundra	Petrol	5.7	2006	
VVS130	TOYOTA	Tundra	Bio (ethanol) petrol or Methanol	5.7	2006	2013
VVS130	TOYOTA	Tundra	Bio (ethanol) petrol or Methanol	5.7	2012	2013
VVS133						
VVS133	HYUNDAI	iX35	Petrol	2.0	2009	2013
VVS133	HYUNDAI	iX35	Petrol	2.0	2009	2013
VVS133	HYUNDAI	iX35	Petrol	2.0	2009	2013
VVS133	HYUNDAI	iX35	Petrol	2.0	2009	2013
VVS133	HYUNDAI	iX35	Petrol	2.0	2010	2013
VVS133	HYUNDAI	iX35	Petrol	2.4	2009	2015
VVS133	HYUNDAI	iX35	Petrol	2.4	2009	2015
VVS133	HYUNDAI	iX35	Petrol	2.4	2014	2015
VVS133	HYUNDAI	Santa Fe	Petrol	2.4	2009	2012
VVS133	HYUNDAI	Santa Fe	Petrol	2.4	2009	2013
VVS133	HYUNDAI	Santa Fe	Petrol	2.4	2009	2012
VVS133	HYUNDAI	Sonata	Petrol	2.0	2008	2010
VVS133	HYUNDAI	Sonata	Petrol	2.0	2009	2010
VVS133	HYUNDAI	Sonata	Petrol	2.0	2009	2014
VVS133	HYUNDAI	Sonata	Petrol	2.4	2009	2010
VVS133	HYUNDAI	Sonata	Petrol	2.4	2010	2014
VVS133	HYUNDAI	Sonata	Petrol	2.4	2010	2014
VVS133	HYUNDAI	Tucson	Petrol	2.0	2009	
VVS133	HYUNDAI	Tucson	Petrol	2.0	2009	2015
VVS133	HYUNDAI	Tucson	Petrol	2.0	2010	
VVS133	HYUNDAI	Tucson	Petrol	2.0	2010	2013
VVS133	HYUNDAI	Tucson	Petrol	2.0	2014	2015
VVS133	HYUNDAI	Tucson	Petrol	2.4	2009	2015
VVS140						
VVS140	NISSAN	Qashqai	Petrol	2.0	2007	2014
VVS140	NISSAN	Qashqai	Petrol	2.0	2007	2014
VVS140	NISSAN	Qashqai	Petrol	2.0	2007	2014
VVS140	NISSAN	Qashqai	Petrol	2.0	2013	2014
VVS140	NISSAN	Qashqai	Petrol	2.0	2013	2014
VVS140	NISSAN	Qashqai+2	Petrol	2.0	2008	2013
VVS140	NISSAN	Qashqai+2	Petrol	2.0	2008	2014
VVS140	NISSAN	Qashqai+2	Petrol	2.0	2008	2014
VVS140	NISSAN	Qashqai+2	Petrol	2.0	2008	2014
VVS140	NISSAN	Qashqai+2	Petrol	2.0	2008	2014
VVS140	NISSAN	Qashqai+2	Petrol	2.0	2010	2014
VVS140	NISSAN	Qashqai+2	Petrol	2.0	2010	2014
VVS140	NISSAN	Qashqai+2	Petrol	2.0	2013	2013
VVS140	NISSAN	Tiida	Petrol	1.8	2006	2012
VVS140	NISSAN	Tiida	Petrol	1.8	2006	2011
VVS140	NISSAN	Tiida	Petrol	1.8	2006	2013
VVS140	NISSAN	Tiida	Bio (ethanol) petrol or Methanol	1.8	2009	2011
VVS140	NISSAN	X-Trail	Petrol	2.0	2007	2014

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS140	NISSAN	X-Trail	Petrol	2.0	2007	2014
VVS140	NISSAN	X-Trail	Petrol	2.0	2008	2013
VVS140	NISSAN	X-Trail	Petrol	2.0	2008	2013
VVS141						
VVS141	NISSAN	Almera	Petrol	1.5	2012	
VVS141	NISSAN	Juke	Petrol	1.6	2010	
VVS141	NISSAN	Juke	Petrol	1.6	2013	
VVS141	NISSAN	Juke	Petrol	1.6	2013	
VVS141	NISSAN	Juke	Petrol	1.6	2014	
VVS141	NISSAN	Juke	LPG (with or without Petrol)	1.6	2012	
VVS141	NISSAN	Micra	Petrol	1.5	2011	
VVS141	NISSAN	Micra	Petrol	1.2	2010	
VVS141	NISSAN	Micra	Petrol	1.2	2010	
VVS141	NISSAN	Micra	Petrol	1.2	2013	
VVS141	NISSAN	Micra	Petrol	1.5	2010	
VVS141	NISSAN	Micra	Petrol	1.5	2011	
VVS141	NISSAN	Micra	Petrol	1.5	2011	
VVS141	NISSAN	Micra	LPG (with or without Petrol)	1.2	2010	2015
VVS141	NISSAN	NV200	Petrol	1.6	2009	
VVS141	NISSAN	NV200 Evalia	Petrol	1.6	2009	
VVS141	NISSAN	Qashqai	Petrol	1.6	2006	2014
VVS141	NISSAN	Qashqai	Petrol	1.6	2007	2014
VVS141	NISSAN	Qashqai	Petrol	1.6	2010	2014
VVS141	NISSAN	Qashqai	Petrol	1.6	2013	2014
VVS141	NISSAN	Qashqai	LPG (with or without Petrol)	1.6	2011	2014
VVS141	NISSAN	Qashqai+2	Petrol	1.6	2007	2013
VVS141	NISSAN	Qashqai+2	Petrol	1.6	2008	2013
VVS141	NISSAN	Qashqai+2	Petrol	1.6	2010	2013
VVS141	NISSAN	Qashqai+2	Petrol	1.6	2013	2013
VVS141	NISSAN	Sentra	Petrol	1.6	2014	
VVS141	NISSAN	Sentra (USA)	Petrol	1.6	2013	
VVS141	NISSAN	Sentra (USA)	Petrol	1.6	2013	
VVS141	NISSAN	Sunny	Petrol	1.5	2011	
VVS141	NISSAN	Sunny	Petrol	1.5	2012	
VVS141	NISSAN	Sunny	Petrol	1.6	2011	
VVS141	NISSAN	Tiida	Petrol	1.6	2007	2013
VVS141	NISSAN	Tiida	Petrol	1.6	2015	
VVS141	NISSAN	Versa	Petrol	1.6	2011	
VVS141	NISSAN	Versa	Bio (ethanol) petrol or Methanol	1.6	2011	
VVS143						
VVS143	AUDI	A3	Petrol	1.8	1996	2006
VVS143	AUDI	A3	Petrol	1.8	1998	2006
VVS143	AUDI	A3 Quattro	Petrol	1.8	1997	2003
VVS143	AUDI	A3 Quattro	Petrol	1.8	1998	2003
VVS143	AUDI	S3 Quattro	Petrol	1.8	1998	2002
VVS143	AUDI	S3 Quattro	Petrol	1.8	2001	2003
VVS143	AUDI	A4	Petrol	1.8	2000	2004
VVS143	AUDI	A4	Petrol	1.8	2000	2004
VVS143	AUDI	A4	Petrol	1.8	2001	2002
VVS143	AUDI	A4	Petrol	1.8	2002	2004
VVS143	AUDI	A4	Petrol	1.8	2002	2004
VVS143	AUDI	A4	Petrol	1.8	2002	2004
VVS143	AUDI	A4	Petrol	1.8	2002	2004
VVS143	AUDI	A4	Petrol	1.8	2002	2004
VVS143	AUDI	A4 Cabrio	Petrol	1.8	2002	2005
VVS143	AUDI	A4 Cabrio	Petrol	1.8	2006	2009
VVS143	AUDI	A4 Cabrio Quattro	Petrol	1.8	2003	2005
VVS143	AUDI	A4 Quattro	Petrol	1.8	2000	2002
VVS143	AUDI	A4 Quattro	Petrol	1.8	2001	2002

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS143

VVS147

VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS143	AUDI	A4 Quattro	Petrol	1.8	2001	2004
VVS143	AUDI	A4 Quattro	Petrol	1.8	2001	2004
VVS143	AUDI	A4 Quattro	Petrol	1.8	2002	2004
VVS143	AUDI	A4 Quattro	Petrol	1.8	2002	2004
VVS143	AUDI	A4 Quattro	Petrol	1.8	2002	2004
VVS143	AUDI	A4 Quattro	Petrol	1.8	2002	2004
VVS143	AUDI	A4 Quattro	Petrol	1.8	2004	2007
VVS143	AUDI	A4 Quattro	Petrol	1.8	2004	2008
VVS143	AUDI	A6	Petrol	1.8	1997	2004
VVS143	AUDI	A6	Petrol	1.8	1998	2005
VVS143	AUDI	A6 Quattro	Petrol	1.8	1997	2005
VVS143	AUDI	A6 Quattro	Petrol	1.8	1997	2005
VVS143	AUDI	TT	Petrol	1.8	1998	2006
VVS143	AUDI	TT	Petrol	1.8	1998	2006
VVS143	AUDI	TT	Petrol	1.8	2001	2006
VVS143	AUDI	TT	Petrol	1.8	2002	2006
VVS143	AUDI	TT	Petrol	1.8	2005	2006
VVS143	AUDI	TT	Petrol	1.8	2005	2006
VVS143	AUDI	TT	Petrol	1.8	2005	2006
VVS143	AUDI	TT Quattro	Petrol	1.8	1998	2006
VVS143	AUDI	TT Quattro	Petrol	1.8	1998	2006
VVS143	AUDI	TT Quattro	Petrol	1.8	1998	2006
VVS143	AUDI	TT Quattro	Petrol	1.8	1998	2006
VVS143	AUDI	TT Quattro	Petrol	1.8	1998	2006
VVS143	AUDI	TT Quattro	Petrol	1.8	1998	2006
VVS143	AUDI	TT Quattro	Petrol	1.8	1998	2006
VVS143	SEAT	Exeo	Petrol	1.8	2008	2010
VVS143	SEAT	Exeo ST	Petrol	1.8	2009	2010
VVS143	SEAT	Ibiza	Petrol	1.8	2003	2008
VVS143	SEAT	Ibiza	Petrol	1.8	2004	2008
VVS143	SEAT	Leon	Petrol	1.8	1999	2005
VVS143	SEAT	Leon	Petrol	1.8	2000	2004
VVS143	SEAT	Leon	Petrol	1.8	2002	2003
VVS143	SEAT	Leon	Petrol	1.8	2003	2006
VVS143	SEAT	Toledo	Petrol	1.8	1999	2005
VVS143	SEAT	Toledo	Petrol	1.8	2000	2004
VVS143	SKODA	Octavia	Petrol	1.8	1997	2010
VVS143	SKODA	Octavia	Petrol	1.8	1998	2010
VVS143	SKODA	Octavia	Petrol	1.8	2000	2006
VVS143	SKODA	Octavia	Petrol	1.8	2000	2006
VVS143	SKODA	Octavia	Petrol	1.8	2000	2006
VVS143	SKODA	Octavia	Petrol	1.8	2000	2006
VVS143	SKODA	Octavia	Petrol	1.8	2000	2006
VVS143	SKODA	Octavia	Petrol	1.8	2000	2006
VVS143	SKODA	Superb	Petrol	1.8	2001	2008
VVS143	VW	Bora	Petrol	1.8	1999	2005
VVS143	VW	Bora	Petrol	1.8	2001	2008
VVS143	VW	Bora Estate/Variant	Petrol	1.8	2000	2005
VVS143	VW	Bora Estate/Variant	Petrol	1.8	2001	2005
VVS143	VW	Golf	Petrol	1.8	1997	2007
VVS143	VW	Golf	Petrol	1.8	2001	2007
VVS143	VW	Golf	Petrol	1.8	2007	2010
VVS143	VW	Golf	Petrol	1.8	2007	2008
VVS143	VW	Golf Estate/Variant	Petrol	1.8	1999	2006
VVS143	VW	New Beetle	Petrol	1.8	1998	2010
VVS143	VW	New Beetle	Petrol	1.8	2003	2010
VVS143	VW	Polo	Petrol	1.8	2005	2009
VVS147						
VVS147	HONDA	Accord	Petrol	2.0	2003	2008
VVS147	HONDA	Accord Estate/Wagon	Petrol	2.0	2003	2008
VVS147	HONDA	Accord Estate/Wagon	Petrol	2.4	2003	2008

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS147	HONDA	FR-V	Petrol	2.0	2005	2006
VVS148						
VVS148	HONDA	CR-V	Petrol	2.0	2001	2007
VVS148	HONDA	CR-V	Petrol	2.4	2002	2006
VVS148	HONDA	CR-V	Petrol	2.4	2006	2012
VVS148	HONDA	CR-V	Petrol	2.4	2006	2012
VVS148	HONDA	CR-V	Petrol	2.4	2007	2012
VVS148	HONDA	CR-V	Petrol	2.4	2007	2012
VVS148	HONDA	CR-V	Petrol	2.4	2007	2012
VVS158						
VVS158	KIA	Cerato	Petrol	1.6	2009	2013
VVS158	KIA	Cerato	Petrol	1.6	2010	2013
VVS158	KIA	Cerato	Petrol	1.6	2010	2014
VVS158	KIA	Cerato Koup	Petrol	1.6	2009	2013
VVS158	KIA	Cerato Koup	Petrol	1.6	2010	2013
VVS158	KIA	Forte	Petrol	1.6	2009	2013
VVS158	KIA	Forte	Petrol	1.6	2009	2013
VVS160						
VVS160	AUDI	RS4 Cabrio Quattro	Petrol	4.2	2006	2008
VVS160	AUDI	RS4 Quattro	Petrol	4.2	2005	2008
VVS160	AUDI	RS4 Quattro	Petrol	4.2	2006	2008
VVS160	AUDI	RS4 Quattro	Petrol	4.2	2012	2015
VVS160	AUDI	RS5 Cabrio Quattro	Petrol	4.2	2012	2015
VVS160	AUDI	RS5 Quattro	Petrol	4.2	2010	2017
VVS160	AUDI	S5 Quattro	Petrol	4.2	2007	2012
VVS160	AUDI	A6 Allroad Quattro	Petrol	4.2	2006	2010
VVS160	AUDI	A6 Quattro	Petrol	4.2	2006	2011
VVS160	AUDI	A6 Quattro	Petrol	4.2	2006	2011
VVS160	AUDI	S6 Quattro	Petrol	5.2	2006	2011
VVS160	AUDI	S6 Quattro	Petrol	5.2	2006	2011
VVS160	AUDI	A8 Quattro	Petrol	4.2	2006	2010
VVS160	AUDI	A8 Quattro	Petrol	4.2	2009	2012
VVS160	AUDI	S8 Quattro	Petrol	5.2	2006	2010
VVS160	AUDI	Q7 Quattro	Petrol	4.2	2006	2010
VVS160	AUDI	Q7 Quattro	Petrol	4.2	2006	2010
VVS160	AUDI	R8 Quattro	Petrol	5.2	2009	2015
VVS160	AUDI	R8 Spyder Quattro	Petrol	5.2	2010	2015
VVS160	VW	Beetle	Petrol	2.5	2011	2016
VVS160	VW	Golf	Petrol	2.5	2009	2013
VVS160	VW	New Beetle	Petrol	2.5	2005	2010
VVS160	VW	New Beetle	Petrol	2.5	2005	2010
VVS161						
VVS161	AUDI	A3	Petrol	1.8	2007	2012
VVS161	AUDI	A3	Petrol	2.0	2004	2012
VVS161	AUDI	A3 Cabrio	Petrol	2.0	2008	2013
VVS161	AUDI	A3 Sportback	Petrol	1.8	2007	2013
VVS161	AUDI	A3 Sportback	Petrol	2.0	2004	2013
VVS161	AUDI	A5	Petrol	1.8	2007	2017
VVS161	AUDI	A5	Petrol	1.8	2009	2011
VVS161	AUDI	A5 Cabrio	Petrol	1.8	2009	2012
VVS161	AUDI	A5 Sportback	Petrol	1.8	2009	2011
VVS161	AUDI	Q3 Quattro	Petrol	2.0	2014	2018
VVS161	VW	Beetle	Petrol	2.0	2010	2016
VVS161	VW	Beetle	Petrol	2.0	2011	2016
VVS161	VW	Bjalla	Petrol	2.0	2011	2016
VVS161	VW	CC	Petrol	2.0	2009	2011
VVS161	VW	CC	Petrol	2.0	2011	2016
VVS161	VW	Eos	Petrol	2.0	2006	2015
VVS161	VW	Golf	Petrol	2.0	2009	2013
VVS161	VW	Golf Estate/Variant	Petrol	2.0	2007	2009

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS161	VW	Jetta	Petrol	2.0	2010	2014
VVS161	VW	Passat	Petrol	1.8	2007	2010
VVS161	VW	Passat	Petrol	1.8	2008	2010
VVS161	VW	Passat	Petrol	2.0	2005	2010
VVS161	VW	Passat	Petrol	2.0	2007	2010
VVS161	VW	Passat CC	Petrol	1.8	2008	2011
VVS161	VW	Passat CC	Petrol	1.8	2008	2011
VVS161	VW	Passat CC	Petrol	2.0	2008	2011
VVS161	VW	Passat Estate/Variant	Petrol	1.8	2007	2010
VVS161	VW	Passat Estate/Variant	Petrol	1.8	2008	2010
VVS161	VW	Passat Estate/Variant	Petrol	2.0	2005	2010
VVS161	VW	Scirocco	Petrol	2.0	2008	2009
VVS161	VW	Tiguan	Petrol	2.0	2007	2018
VVS161	VW	Tiguan	Petrol	2.0	2007	2018
VVS161	VW	Tiguan	Petrol	2.0	2008	2018
VVS162						
VVS162	AUDI	A3 Cabrio	Petrol	1.8	2008	2013
VVS162	AUDI	A3 Quattro	Petrol	1.8	2008	2012
VVS162	AUDI	A3 Quattro	Petrol	2.0	2004	2012
VVS162	AUDI	A3 Sportback Quattro	Petrol	1.8	2008	2013
VVS162	AUDI	A3 Sportback Quattro	Petrol	2.0	2004	2013
VVS162	AUDI	A4	Petrol	1.8	2007	2012
VVS162	AUDI	A4	Petrol	1.8	2007	2012
VVS162	AUDI	A4	Petrol	1.8	2008	2015
VVS162	AUDI	A4	Petrol	1.8	2008	2015
VVS162	AUDI	A4	Petrol	2.0	2008	2013
VVS162	AUDI	A4	Petrol	2.0	2008	2015
VVS162	AUDI	A4	Petrol	2.0	2008	2015
VVS162	AUDI	A4 Allroad Quattro	Petrol	2.0	2009	2016
VVS162	AUDI	A4 Allroad Quattro	Petrol	2.0	2012	2016
VVS162	AUDI	A4 Quattro	Petrol	1.8	2008	2012
VVS162	AUDI	A4 Quattro	Petrol	1.8	2008	2012
VVS162	AUDI	A4 Quattro	Petrol	2.0	2008	2015
VVS162	AUDI	A4 Quattro	Petrol	2.0	2008	2015
VVS162	AUDI	A4 Quattro	Petrol	2.0	2008	2015
VVS162	AUDI	A4 Quattro	Petrol	2.0	2008	2015
VVS162	AUDI	A4 Quattro	Petrol	2.0	2012	2015
VVS162	AUDI	A5	Petrol	2.0	2008	2013
VVS162	AUDI	A5 Cabrio	Petrol	2.0	2009	2014
VVS162	AUDI	A5 Cabrio	Petrol	2.0	2013	2014
VVS162	AUDI	A5 Cabrio Quattro	Petrol	2.0	2009	2017
VVS162	AUDI	A5 Quattro	Petrol	2.0	2008	2017
VVS162	AUDI	A5 Quattro	Petrol	2.0	2013	2017
VVS162	AUDI	A5 Sportback	Petrol	2.0	2009	2013
VVS162	AUDI	A5 Sportback Quattro	Petrol	2.0	2009	2013
VVS162	AUDI	A6	Petrol	2.0	2011	2015
VVS162	AUDI	A6 Quattro	Petrol	2.0	2011	2018
VVS162	AUDI	A8	Full Hybrid/petrol	2.0	2012	2015
VVS162	AUDI	Q3 Quattro	Petrol	2.0	2011	2015
VVS162	AUDI	Q3 Quattro	Petrol	2.0	2011	2015
VVS162	AUDI	Q5 Quattro	Petrol	2.0	2008	2012
VVS162	AUDI	Q5 Quattro	Petrol	2.0	2008	2012
VVS162	AUDI	Q5 Quattro	Petrol	2.0	2013	2017
VVS162	AUDI	Q5 Quattro	Full Hybrid/petrol	2.0	2011	2016
VVS162	AUDI	TT	Petrol	1.8	2008	2014
VVS162	AUDI	TT	Petrol	1.8	2008	2014
VVS162	AUDI	TT	Petrol	2.0	2006	2010
VVS162	AUDI	TT	Petrol	2.0	2007	2010
VVS162	AUDI	TT	Petrol	2.0	2010	2014
VVS162	AUDI	TT	Petrol	2.0	2010	2014

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS	Make	Model	Fuel	Stroke	Year From	Year Till
WS162	AUDI	TT Quattro	Petrol	2.0	2008	2010
WS162	AUDI	TT Quattro	Petrol	2.0	2008	2010
WS162	AUDI	TT Quattro	Petrol	2.0	2010	2014
WS162	AUDI	TT Quattro	Petrol	2.0	2010	2014
WS162	SEAT	Alhambra	Petrol	2.0	2010	2012
WS162	SEAT	Altea	Petrol	1.8	2007	
WS162	SEAT	Altea Freetrack	Petrol	2.0	2009	
WS162	SEAT	Altea Freetrack	Petrol	2.0	2009	
WS162	SEAT	Altea XL	Petrol	1.8	2007	
WS162	SEAT	Exeo	Petrol	1.8	2010	2013
WS162	SEAT	Exeo	Petrol	1.8	2010	2013
WS162	SEAT	Exeo	Petrol	2.0	2010	2013
WS162	SEAT	Exeo ST	Petrol	1.8	2010	2013
WS162	SEAT	Exeo ST	Petrol	1.8	2010	2013
WS162	SEAT	Exeo ST	Petrol	2.0	2010	2013
WS162	SEAT	Leon	Petrol	1.8	2007	2013
WS162	SEAT	Leon	Petrol	2.0	2009	2013
WS162	SEAT	Toledo	Petrol	1.8	2007	2009
WS162	SKODA	Octavia	Petrol	1.8	2007	2013
WS162	SKODA	Octavia	Petrol	1.8	2007	2013
WS162	SKODA	Octavia	Petrol	1.8	2008	2013
WS162	SKODA	Octavia	Petrol	1.8	2009	2013
WS162	SKODA	Octavia	Petrol	1.8	2009	2013
WS162	SKODA	Octavia	Petrol	1.8	2009	2013
WS162	SKODA	Octavia Scout	Petrol	1.8	2008	2013
WS162	SKODA	Octavia Scout	Petrol	1.8	2009	2009
WS162	SKODA	Superb	Petrol	1.8	2008	2015
WS162	SKODA	Superb	Petrol	1.8	2008	2015
WS162	SKODA	Superb	Petrol	1.8	2009	2015
WS162	SKODA	Superb	Petrol	1.8	2009	2015
WS162	SKODA	Superb	Petrol	1.8	2009	2015
WS162	SKODA	Superb	Petrol	1.8	2009	2015
WS162	SKODA	Superb	Petrol	1.8	2009	2015
WS162	SKODA	Superb	Petrol	1.8	2009	2015
WS162	SKODA	Yeti	Petrol	1.8	2009	2017
WS162	SKODA	Yeti	Petrol	1.8	2009	2017
WS162	VW	Amarok	Petrol	2.0	2010	2016
WS162	VW	California	Petrol	2.0	2011	2015
WS162	VW	California	Petrol	2.0	2011	2015
WS162	VW	California	Petrol	2.0	2012	2015
WS162	VW	California	Petrol	2.0	2015	
WS162	VW	California	Petrol	2.0	2015	
WS162	VW	California	Petrol	2.0	2015	
WS162	VW	Campmobile	Petrol	2.0	2011	2015
WS162	VW	Campmobile	Petrol	2.0	2011	2015
WS162	VW	Campmobile	Petrol	2.0	2012	2015
WS162	VW	Campmobile	Petrol	2.0	2015	
WS162	VW	Campmobile	Petrol	2.0	2015	
WS162	VW	Caravelle	Petrol	2.0	2011	2015
WS162	VW	Caravelle	Petrol	2.0	2011	2015
WS162	VW	Caravelle	Petrol	2.0	2012	2015
WS162	VW	Caravelle	Petrol	2.0	2015	
WS162	VW	Caravelle	Petrol	2.0	2015	
WS162	VW	Caravelle	Petrol	2.0	2015	
WS162	VW	CC	Petrol	1.8	2011	2016

VVS162

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS162	VW	CC	Petrol	1.8	2011	2016
VVS162	VW	CC	Petrol	2.0	2011	2016
VVS162	VW	Eos	Petrol	2.0	2009	2015
VVS162	VW	Golf	Petrol	1.8	2009	2011
VVS162	VW	Golf	Petrol	2.0	2009	2012
VVS162	VW	Golf	Petrol	2.0	2009	2012
VVS162	VW	Golf Cabrio	Petrol	2.0	2012	2016
VVS162	VW	Golf Estate/Variant	Petrol	2.0	2009	2013
VVS162	VW	Multivan	Petrol	2.0	2011	2015
VVS162	VW	Multivan	Petrol	2.0	2011	2015
VVS162	VW	Multivan	Petrol	2.0	2012	2015
VVS162	VW	Multivan	Petrol	2.0	2015	
VVS162	VW	Multivan	Petrol	2.0	2015	
VVS162	VW	Multivan	Petrol	2.0	2015	
VVS162	VW	Passat	Petrol	1.8	2010	2014
VVS162	VW	Passat	Petrol	1.8	2011	2014
VVS162	VW	Passat	Petrol	2.0	2010	2014
VVS162	VW	Passat Alltrack	Petrol	1.8	2012	2013
VVS162	VW	Passat Alltrack	Petrol	1.8	2012	2014
VVS162	VW	Passat Alltrack	Petrol	2.0	2012	2014
VVS162	VW	Passat CC	Petrol	2.0	2010	2011
VVS162	VW	Passat Estate/Variant	Petrol	1.8	2010	2014
VVS162	VW	Passat Estate/Variant	Petrol	1.8	2010	2014
VVS162	VW	Passat Estate/Variant	Petrol	1.8	2011	2014
VVS162	VW	Passat Estate/Variant	Petrol	2.0	2010	2014
VVS162	VW	Passat Estate/Variant	Petrol	2.0	2010	2015
VVS162	VW	Scirocco	Petrol	2.0	2009	2014
VVS162	VW	Scirocco	Petrol	2.0	2009	2017
VVS162	VW	Sharan	Petrol	2.0	2010	2015
VVS162	VW	Sharan	Petrol	2.0	2010	2015
VVS162	VW	Tiguan	Petrol	2.0	2009	2011
VVS162	VW	Tiguan	Petrol	2.0	2009	2011
VVS162	VW	Tiguan	Petrol	2.0	2011	2018
VVS162	VW	Tiguan	Petrol	2.0	2011	2018
VVS162	VW	Transporter	Petrol	2.0	2011	2015
VVS162	VW	Transporter	Petrol	2.0	2011	2015
VVS162	VW	Transporter	Petrol	2.0	2011	2015
VVS162	VW	Transporter	Petrol	2.0	2011	2015
VVS162	VW	Transporter	Petrol	2.0	2012	2015
VVS162	VW	Transporter	Petrol	2.0	2012	2015
VVS162	VW	Transporter	Petrol	2.0	2015	
VVS162	VW	Transporter	Petrol	2.0	2015	
VVS162	VW	Transporter	Petrol	2.0	2015	
VVS162	VW	Transporter	Petrol	2.0	2015	
VVS162	VW	Transporter	Petrol	2.0	2015	
VVS162	VW	Transporter	Petrol	2.0	2015	
VVS162	VW	Transporter	Petrol	2.0	2015	
VVS162	VW	Transporter	Petrol	2.0	2015	
VVS162	VW	Transporter	Petrol	2.0	2015	
VVS162	VW	Transporter	Petrol	2.0	2015	
VVS163	HYUNDAI	Creta	Petrol	1.6	2015	
VVS163	HYUNDAI	Creta	Petrol	1.6	2016	
VVS163	KIA	Cerato Koup	Petrol	1.6	2013	
VVS163	KIA	Cerato Koup	Petrol	1.6	2014	
VVS163	KIA	Forte	Petrol	1.6	2014	
VVS163						
VVS168	CHEVROLET	Aveo	Petrol	1.6	2011	
VVS168	CHEVROLET	Aveo	Petrol	1.6	2011	
VVS168	CHEVROLET	Cruze	Petrol	1.6	2009	
VVS168	CHEVROLET	Cruze	Petrol	1.6	2009	
VVS168	CHEVROLET	Cruze	Petrol	1.6	2009	

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS168	CHEVROLET	Cruze	Petrol	1.6	2011	
VVS168	CHEVROLET	Cruze	Petrol	1.6	2012	2015
VVS168	CHEVROLET	Cruze	Petrol	1.6	2012	
VVS168	CHEVROLET	Cruze	Petrol	1.6	2012	
VVS168	CHEVROLET	Cruze	Petrol	1.6	2012	2015
VVS168	CHEVROLET	Cruze	Petrol	1.6	2012	
VVS168	CHEVROLET	Cruze	Petrol	1.8	2009	
VVS168	CHEVROLET	Cruze	Petrol	1.8	2011	
VVS168	CHEVROLET	Cruze	Petrol	1.8	2011	
VVS168	CHEVROLET	Cruze	Petrol	1.8	2012	
VVS168	CHEVROLET	Cruze	LPG (with or without Petrol)	1.8	2010	2015
VVS168	CHEVROLET	Cruze	LPG (with or without Petrol)	1.8	2011	2015
VVS168	CHEVROLET	Orlando	Petrol	1.8	2011	
VVS168	CHEVROLET	Orlando	LPG (with or without Petrol)	1.8	2011	2015
VVS168	CHEVROLET	Tracker	Petrol	1.8	2013	
VVS168	CHEVROLET	Tracker	Petrol	1.8	2013	
VVS168	OPEL	Astra	Petrol	1.6	2006	2011
VVS168	OPEL	Astra	Petrol	1.6	2006	2012
VVS168	OPEL	Astra	Petrol	1.6	2007	2010
VVS168	OPEL	Astra	Petrol	1.6	2009	2015
VVS168	OPEL	Astra	Petrol	1.6	2010	2015
VVS168	OPEL	Astra	Petrol	1.6	2012	
VVS168	OPEL	Astra	Petrol	1.8	2005	2012
VVS168	OPEL	Astra	Petrol	1.8	2006	2011
VVS168	OPEL	Astra	Petrol	1.8	2006	2012
VVS168	OPEL	Astra	LPG (with or without Petrol)	1.6	2009	2010
VVS168	OPEL	Astra Cabrio	Petrol	1.6	2006	2011
VVS168	OPEL	Astra Cabrio	Petrol	1.8	2006	2011
VVS168	OPEL	Astra Classic	Petrol	1.6	2009	
VVS168	OPEL	Astra Classic	Petrol	1.6	2009	
VVS168	OPEL	Astra Classic	Petrol	1.6	2009	
VVS168	OPEL	Astra Classic	Petrol	1.8	2012	
VVS168	OPEL	Astra Classic	Petrol	1.8	2012	
VVS168	OPEL	Astra Classic	Petrol	1.8	2012	
VVS168	OPEL	Astra Family	Petrol	1.6	2006	2014
VVS168	OPEL	Astra Family	Petrol	1.6	2011	2014
VVS168	OPEL	Astra Family	Petrol	1.6	2013	
VVS168	OPEL	Astra Family	Petrol	1.8	2007	2012
VVS168	OPEL	Astra Family	Petrol	1.8	2012	2014
VVS168	OPEL	Astra Family	Petrol	1.8	2013	
VVS168	OPEL	Astra GTC	Petrol	1.6	2006	2011
VVS168	OPEL	Astra GTC	Petrol	1.8	2006	2011
VVS168	OPEL	Astra GTC	Petrol	1.8	2011	2015
VVS168	OPEL	Astra Van	Petrol	1.6	2006	2010
VVS168	OPEL	Insignia	Petrol	1.6	2008	2017
VVS168	OPEL	Insignia	Petrol	1.6	2008	2017
VVS168	OPEL	Insignia	Petrol	1.6	2008	2017
VVS168	OPEL	Insignia	Petrol	1.6	2008	2017
VVS168	OPEL	Insignia	Petrol	1.8	2008	2017
VVS168	OPEL	Insignia	Petrol	1.8	2008	2017
VVS168	OPEL	Insignia Sports Tourer	Petrol	1.6	2008	2017
VVS168	OPEL	Insignia Sports Tourer	Petrol	1.6	2008	2017
VVS168	OPEL	Insignia Sports Tourer	Petrol	1.8	2008	2017
VVS168	OPEL	Mokka	Petrol	1.6	2012	
VVS168	OPEL	Mokka	Petrol	1.8	2012	
VVS168	OPEL	Mokka	Petrol	1.8	2012	
VVS168	OPEL	Mokka X	Petrol	1.6	2016	
VVS168	OPEL	Signum	Petrol	1.8	2005	2008
VVS168	OPEL	Vectra	Petrol	1.8	2005	2008
VVS168	OPEL	Vectra	Petrol	1.8	2005	2008

VVS168

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS168

VVS172

VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS168	OPEL	Vectra	Petrol	1.8	2005	2008
VVS168	OPEL	Zafira	Petrol	1.6	2008	2015
VVS168	OPEL	Zafira	Petrol	1.8	2005	2015
VVS168	OPEL	Zafira	LPG (with or without Petrol)	1.8	2011	2015
VVS168	OPEL	Zafira	Bio (ethanol) petrol or Methanol	1.6	2008	2012
VVS168	OPEL	Zafira Family	Petrol	1.8	2011	2019
VVS168	OPEL	Zafira Family	Petrol	1.8	2013	2015
VVS168	OPEL	Zafira Tourer	Petrol	1.8	2011	
VVS168	OPEL	Zafira Tourer	Petrol	1.8	2011	
VVS168	OPEL	Zafira Van	Petrol	1.8	2005	2015

VVS172

VVS172	ALPINA	B7	Petrol	4.4	2003	2008
VVS172	BMW	116i	Petrol	1.6	2004	2011
VVS172	BMW	116i	Petrol	1.6	2007	2011
VVS172	BMW	118i	Petrol	2.0	2004	2008
VVS172	BMW	118i	Petrol	2.0	2004	2008
VVS172	BMW	118i	Petrol	2.0	2006	2011
VVS172	BMW	118i	Petrol	2.0	2006	2012
VVS172	BMW	118i Cabrio	Petrol	2.0	2008	2013
VVS172	BMW	120i	Petrol	2.0	2004	2007
VVS172	BMW	120i	Petrol	2.0	2007	2011
VVS172	BMW	120i	Petrol	2.0	2007	2011
VVS172	BMW	120i Cabrio	Petrol	2.0	2008	2013
VVS172	BMW	120i Coupe	Petrol	2.0	2009	2013
VVS172	BMW	316i	Petrol	1.6	2002	2005
VVS172	BMW	316i	Petrol	1.6	2005	2011
VVS172	BMW	316i	Petrol	1.8	2001	2005
VVS172	BMW	316i Compact	Petrol	1.6	2002	2005
VVS172	BMW	316i Compact	Petrol	1.6	2002	2005
VVS172	BMW	316i Compact	Petrol	1.8	2001	2005
VVS172	BMW	316i Coupe	Petrol	1.6	2002	2006
VVS172	BMW	316i Touring	Petrol	1.8	2001	2005
VVS172	BMW	318i	Petrol	2.0	2001	2005
VVS172	BMW	318i	Petrol	2.0	2001	2005
VVS172	BMW	318i	Petrol	2.0	2005	2007
VVS172	BMW	318i	Petrol	2.0	2007	2011
VVS172	BMW	318i Cabrio	Petrol	2.0	2001	2006
VVS172	BMW	318i Cabrio	Petrol	2.0	2001	2006
VVS172	BMW	318i Cabrio	Petrol	2.0	2004	2006
VVS172	BMW	318i Compact	Petrol	2.0	2001	2004
VVS172	BMW	318i Compact	Petrol	2.0	2001	2005
VVS172	BMW	318i Coupe	Petrol	2.0	2001	2004
VVS172	BMW	318i Touring	Petrol	2.0	2001	2005
VVS172	BMW	318i Touring	Petrol	2.0	2006	2007
VVS172	BMW	320i	Petrol	2.0	2004	2007
VVS172	BMW	320i	Petrol	2.0	2005	2006
VVS172	BMW	320i	Petrol	2.0	2007	2011
VVS172	BMW	320i Cabrio	Petrol	2.0	2007	2013
VVS172	BMW	320i Coupe	Petrol	2.0	2007	2013
VVS172	BMW	320i Touring	Petrol	2.0	2005	2012
VVS172	BMW	520i	Petrol	2.0	2007	2010
VVS172	BMW	540i	Petrol	4.0	2005	2007
VVS172	BMW	540i	Petrol	4.0	2007	2009
VVS172	BMW	545i	Petrol	4.4	2003	2005
VVS172	BMW	545i Touring	Petrol	4.4	2004	2005
VVS172	BMW	550i	Petrol	4.8	2005	2009
VVS172	BMW	550i Touring	Petrol	4.8	2005	2011
VVS172	BMW	645i Cabrio	Petrol	4.4	2004	2005

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS172	BMW	645i Coupe	Petrol	4.4	2003	2005
VVS172	BMW	650i Cabrio	Petrol	4.8	2005	2010
VVS172	BMW	650i Coupe	Petrol	4.8	2005	2010
VVS172	BMW	735i	Petrol	3.6	2001	2005
VVS172	BMW	735i	Petrol	3.6	2002	2005
VVS172	BMW	735i	Petrol	4.0	2005	2008
VVS172	BMW	740i	Petrol	4.0	2005	2008
VVS172	BMW	740i	Petrol	4.0	2005	2008
VVS172	BMW	745i	Petrol	4.4	2001	2005
VVS172	BMW	745i	Petrol	4.4	2002	2005
VVS172	BMW	745i	Petrol	4.4	2002	2008
VVS172	BMW	750i	Petrol	4.8	2005	2008
VVS172	BMW	750i	Petrol	4.8	2005	2008
VVS172	BMW	760i	Petrol	6.0	2002	2008
VVS172	BMW	760i	Petrol	6.0	2003	2008
VVS172	BMW	760i	Petrol	6.0	2003	2008
VVS172	BMW	760i	Petrol	6.0	2003	2005
VVS172	BMW	X1 sDrive 18i	Petrol	2.0	2010	2015
VVS172	BMW	X1 sDrive 18i	Petrol	2.0	2010	2015
VVS172	BMW	X3	Petrol	2.0	2005	2008
VVS172	BMW	X3 xDrive 20i	Petrol	2.0	2008	2011
VVS172	BMW	X5	Petrol	4.4	2003	2006
VVS172	BMW	X5	Petrol	4.8	2004	2006
VVS172	BMW	X5	Petrol	4.8	2006	2008
VVS172	BMW	X5 xDrive 48i	Petrol	4.8	2008	2010
VVS172	BMW	Z4 Cabrio	Petrol	2.0	2005	2009
VVS172	ROLLS-ROYCE	Phantom	Petrol	6.7	2002	2017
VVS172	ROLLS-ROYCE	Phantom	Petrol	6.7	2007	2017
VVS172	ROLLS-ROYCE	Phantom	Petrol	6.7	2008	2017

VVS173

VVS173	BMW	114i	Petrol	1.6	2011	
VVS173	BMW	114i	Petrol	1.6	2012	2015
VVS173	BMW	116i	Petrol	1.6	2011	2015
VVS173	BMW	116i	Petrol	1.6	2011	2015
VVS173	BMW	118i	Petrol	1.6	2011	
VVS173	BMW	118i	Petrol	1.6	2011	2015
VVS173	BMW	118i	Petrol	1.6	2015	
VVS173	BMW	118i	Petrol	1.6	2015	2015
VVS173	BMW	120i	Petrol	1.6	2015	
VVS173	BMW	316i	Petrol	1.6	2012	2016
VVS173	BMW	316i Touring	Petrol	1.6	2013	2015
VVS173	BMW	320i	Petrol	1.6	2012	2016
VVS173	MINI	Mini Clubman	Petrol	1.4	2009	2010
VVS173	MINI	Mini Clubman	Petrol	1.6	2007	2010
VVS173	MINI	Mini Clubman	Petrol	1.6	2007	2013
VVS173	MINI	Mini Clubman	Petrol	1.6	2007	2014
VVS173	MINI	Mini Clubman	Petrol	1.6	2008	2015
VVS173	MINI	Mini Clubman	Petrol	1.6	2008	2010
VVS173	MINI	Mini Clubman	Petrol	1.6	2010	2014
VVS173	MINI	Mini Clubman	Petrol	1.6	2010	2014
VVS173	MINI	Mini Clubman	Petrol	1.6	2010	2015
VVS173	MINI	Mini Clubman	Petrol	1.6	2010	2015
VVS173	MINI	Mini Clubman	Petrol	1.6	2010	2015
VVS173	MINI	Mini Clubvan	Petrol	1.6	2012	2015
VVS173	MINI	Mini Clubvan	Petrol	1.6	2012	2015
VVS173	MINI	Mini Cooper	Petrol	1.6	2006	2013
VVS173	MINI	Mini Cooper	Petrol	1.6	2006	2013
VVS173	MINI	Mini Cooper	Petrol	1.6	2006	2011
VVS173	MINI	Mini Cooper	Petrol	1.6	2006	2011

VVS172

VVS173

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS173

VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS173	MINI	Mini Cooper	Petrol	1.6	2006	2014
VVS173	MINI	Mini Cooper	Petrol	1.6	2007	2013
VVS173	MINI	Mini Cooper	Petrol	1.6	2008	2013
VVS173	MINI	Mini Cooper	Petrol	1.6	2008	2014
VVS173	MINI	Mini Cooper	Petrol	1.6	2008	2010
VVS173	MINI	Mini Cooper	Petrol	1.6	2008	2015
VVS173	MINI	Mini Cooper	Petrol	1.6	2009	2010
VVS173	MINI	Mini Cooper	Petrol	1.6	2009	2011
VVS173	MINI	Mini Cooper	Petrol	1.6	2009	2014
VVS173	MINI	Mini Cooper	Petrol	1.6	2010	2013
VVS173	MINI	Mini Cooper	Petrol	1.6	2010	2014
VVS173	MINI	Mini Cooper	Petrol	1.6	2010	2014
VVS173	MINI	Mini Cooper	Petrol	1.6	2010	2015
VVS173	MINI	Mini Cooper	Petrol	1.6	2012	2013
VVS173	MINI	Mini Countryman	Petrol	1.6	2010	2016
VVS173	MINI	Mini Countryman	Petrol	1.6	2010	2016
VVS173	MINI	Mini Countryman	Petrol	1.6	2010	2016
VVS173	MINI	Mini Countryman	Petrol	1.6	2010	2016
VVS173	MINI	Mini Countryman	Petrol	1.6	2010	2016
VVS173	MINI	Mini Countryman	Petrol	1.6	2010	2016
VVS173	MINI	Mini Countryman	Petrol	1.6	2010	2016
VVS173	MINI	Mini Countryman	Petrol	1.6	2010	2016
VVS173	MINI	Mini Countryman	Petrol	1.6	2010	2016
VVS173	MINI	Mini Countryman	Petrol	1.6	2010	2016
VVS173	MINI	Mini Countryman	Petrol	1.6	2012	2016
VVS173	MINI	Mini Countryman	Petrol	1.6	2013	2016
VVS173	MINI	Mini Countryman	Petrol	1.6	2014	2016
VVS173	MINI	Mini Countryman	Petrol	1.6	2014	2016
VVS173	MINI	Mini Coupe	Petrol	1.6	2011	
VVS173	MINI	Mini Coupe	Petrol	1.6	2011	
VVS173	MINI	Mini Coupe	Petrol	1.6	2011	
VVS173	MINI	Mini Coupe	Petrol	1.6	2011	
VVS173	MINI	Mini One	Petrol	1.4	2006	2010
VVS173	MINI	Mini One	Petrol	1.4	2009	2010
VVS173	MINI	Mini One	Petrol	1.6	2010	2013
VVS173	MINI	Mini One	Petrol	1.6	2010	2013
VVS173	MINI	Mini One	Petrol	1.6	2010	2014
VVS173	MINI	Mini One	LPG (with or without Petrol)	1.4	2009	2010
VVS173	MINI	Mini Paceman	Petrol	1.6	2012	2016
VVS173	MINI	Mini Paceman	Petrol	1.6	2013	2016
VVS173	MINI	Mini Paceman	Petrol	1.6	2013	2016
VVS173	MINI	Mini Paceman	Petrol	1.6	2013	2016
VVS173	MINI	Mini Paceman	Petrol	1.6	2013	2016
VVS173	MINI	Mini Paceman	Petrol	1.6	2013	2016
VVS173	MINI	Mini Paceman	Petrol	1.6	2014	2016
VVS173	MINI	Mini Paceman	Petrol	1.6	2014	2016
VVS173	MINI	Mini Paceman	Petrol	1.6	2014	2016
VVS173	MINI	Mini Roadster	Petrol	1.6	2012	
VVS173	MINI	Mini Roadster	Petrol	1.6	2012	
VVS173	MINI	Mini Roadster	Petrol	1.6	2012	
VVS173	MINI	Mini Roadster	Petrol	1.6	2012	
VVS173	MINI	Mini Roadster	Petrol	1.6	2012	
VVS173	PEUGEOT	207	Petrol	1.4	2007	2013
VVS173	PEUGEOT	207	Petrol	1.6	2006	2013

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS173	PEUGEOT	207	Petrol	1.6	2007	2012
VVS173	PEUGEOT	207	Petrol	1.6	2007	2012
VVS173	PEUGEOT	207	Petrol	1.6	2007	2012
VVS173	PEUGEOT	207	Petrol	1.6	2008	2012
VVS173	PEUGEOT	207	Petrol	1.6	2009	2012
VVS173	PEUGEOT	207 CC	Petrol	1.6	2006	2012
VVS173	PEUGEOT	207 CC	Petrol	1.6	2006	2013
VVS173	PEUGEOT	207 CC	Petrol	1.6	2007	2012
VVS173	PEUGEOT	207 SW	Petrol	1.4	2007	2013
VVS173	PEUGEOT	207 SW	Petrol	1.6	2007	2012
VVS173	PEUGEOT	207 SW	Petrol	1.6	2007	2012
VVS173	PEUGEOT	207 SW	Petrol	1.6	2007	2013
VVS173	PEUGEOT	308	Petrol	1.4	2007	2014
VVS173	PEUGEOT	308	Petrol	1.6	2007	2014
VVS173	PEUGEOT	308	Petrol	1.6	2007	2014
VVS173	PEUGEOT	308	Petrol	1.6	2008	2014
VVS173	PEUGEOT	308	Petrol	1.6	2009	2014
VVS173	PEUGEOT	308 CC	Petrol	1.6	2009	2014
VVS173	PEUGEOT	308 CC	Petrol	1.6	2009	2014
VVS173	PEUGEOT	308 CC	Petrol	1.6	2009	2014
VVS173	PEUGEOT	308 CC	Petrol	1.6	2009	2014
VVS173	PEUGEOT	308 SW	Petrol	1.4	2008	2014
VVS173	PEUGEOT	308 SW	Petrol	1.6	2008	2014
VVS173	PEUGEOT	308 SW	Petrol	1.6	2008	2014
VVS173	PEUGEOT	308 SW	Petrol	1.6	2008	2014
VVS173	PEUGEOT	308 SW	Petrol	1.6	2008	2014
VVS173	PEUGEOT	308 SW	Petrol	1.6	2008	2014
VVS173	PEUGEOT	308 SW	Petrol	1.6	2009	2014
VVS173	PEUGEOT	308 SW	Petrol	1.6	2009	2014
VVS173	PEUGEOT	3008	Petrol	1.6	2009	2016
VVS173	PEUGEOT	3008	Petrol	1.6	2009	2016
VVS173	PEUGEOT	3008	Petrol	1.6	2009	2016
VVS173	PEUGEOT	5008	Petrol	1.6	2009	2017
VVS173	PEUGEOT	5008	Petrol	1.6	2009	2017
VVS173	PEUGEOT	Partner Tepee	Petrol	1.6	2009	

VVS176

VVS176	AUDI	S3 Quattro	Petrol	2.0	2006	2012
VVS176	AUDI	S3 Quattro	Petrol	2.0	2007	2012
VVS176	AUDI	S3 Sportback Quattro	Petrol	2.0	2008	2013
VVS176	AUDI	S3 Sportback Quattro	Petrol	2.0	2008	2013
VVS176	AUDI	A4	Petrol	2.0	2004	2007
VVS176	AUDI	A4	Petrol	2.0	2004	2008
VVS176	AUDI	A4 Cabrio	Petrol	2.0	2006	2009
VVS176	AUDI	A4 Quattro	Petrol	2.0	2004	2008
VVS176	AUDI	A4 Quattro	Petrol	2.0	2004	2008
VVS176	AUDI	A6	Petrol	2.0	2005	2011
VVS176	AUDI	A6	Petrol	2.0	2005	2011
VVS176	AUDI	TTS Quattro	Petrol	2.0	2008	2014
VVS176	AUDI	TTS Quattro	Petrol	2.0	2008	2014
VVS176	SEAT	Altea	Petrol	2.0	2006	2009
VVS176	SEAT	Altea Freetrack	Petrol	2.0	2007	2009
VVS176	SEAT	Altea Freetrack	Petrol	2.0	2007	2009
VVS176	SEAT	Altea XL	Petrol	2.0	2006	2009
VVS176	SEAT	Altea XL	Petrol	2.0	2007	2009
VVS176	SEAT	Leon	Petrol	2.0	2005	2009
VVS176	SEAT	Leon	Petrol	2.0	2006	2011
VVS176	SEAT	Leon	Petrol	2.0	2009	2013
VVS176	SEAT	Toledo	Petrol	2.0	2005	2009
VVS176	VW	Golf	Petrol	2.0	2004	2009
VVS176	VW	Golf	Petrol	2.0	2006	2008
VVS176	VW	Jetta	Petrol	2.0	2005	2010
VVS176	VW	Scirocco	Petrol	2.0	2009	2014
VVS176	VW	Scirocco	Petrol	2.0	2009	2017

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS177

VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS177						
VVS177	BMW	125i Cabrio	Petrol	3.0	2007	2013
VVS177	BMW	125i Coupe	Petrol	3.0	2008	2013
VVS177	BMW	130i	Petrol	3.0	2005	2012
VVS177	BMW	130i	Petrol	3.0	2005	2007
VVS177	BMW	130i	Petrol	3.0	2007	2011
VVS177	BMW	130i	Petrol	3.0	2007	2012
VVS177	BMW	135i Cabrio	Petrol	3.0	2008	2013
VVS177	BMW	135i Coupe	Petrol	3.0	2007	
VVS177	BMW	M Coupe	Petrol	3.0	2011	2012
VVS177	BMW	323i	Petrol	2.5	2005	2007
VVS177	BMW	323i	Petrol	2.5	2006	2011
VVS177	BMW	323i Cabrio	Petrol	2.5	2010	2011
VVS177	BMW	323i Coupe	Petrol	2.5	2008	2011
VVS177	BMW	323i Touring	Petrol	2.5	2006	2007
VVS177	BMW	323i Touring	Petrol	2.5	2006	2008
VVS177	BMW	325i	Petrol	2.5	2004	2011
VVS177	BMW	325i	Petrol	2.5	2005	2008
VVS177	BMW	325i	Petrol	2.5	2006	2007
VVS177	BMW	325i	Petrol	3.0	2006	2011
VVS177	BMW	325i	Petrol	3.0	2007	2011
VVS177	BMW	325i	Petrol	3.0	2007	2008
VVS177	BMW	325i Cabrio	Petrol	2.5	2006	2010
VVS177	BMW	325i Cabrio	Petrol	3.0	2006	2013
VVS177	BMW	325i Cabrio	Petrol	3.0	2007	2013
VVS177	BMW	325i Coupe	Petrol	2.5	2006	2010
VVS177	BMW	325i Coupe	Petrol	2.5	2006	2010
VVS177	BMW	325i Coupe	Petrol	2.5	2010	2013
VVS177	BMW	325i Coupe	Petrol	2.5	2010	2013
VVS177	BMW	325i Coupe	Petrol	3.0	2007	2008
VVS177	BMW	325i Coupe	Petrol	3.0	2007	2010
VVS177	BMW	325i Coupe	Petrol	3.0	2007	2013
VVS177	BMW	325i Touring	Petrol	2.5	2004	2008
VVS177	BMW	325i Touring	Petrol	2.5	2005	2008
VVS177	BMW	325i Touring	Petrol	2.5	2005	2010
VVS177	BMW	325i Touring	Petrol	3.0	2006	2008
VVS177	BMW	325i Touring	Petrol	3.0	2007	2012
VVS177	BMW	325i Touring	Petrol	3.0	2007	2012
VVS177	BMW	325i Touring	Petrol	3.0	2007	2008
VVS177	BMW	325i xDrive	Petrol	2.5	2008	2011
VVS177	BMW	325i xDrive	Petrol	3.0	2008	2011
VVS177	BMW	325i xDrive	Petrol	3.0	2008	2011
VVS177	BMW	325i xDrive Coupe	Petrol	2.5	2006	2012
VVS177	BMW	325i xDrive Coupe	Petrol	2.5	2010	2013
VVS177	BMW	325i xDrive Coupe	Petrol	3.0	2008	2013
VVS177	BMW	325i xDrive Coupe	Petrol	3.0	2008	2013
VVS177	BMW	325i xDrive Touring	Petrol	2.5	2004	2008
VVS177	BMW	325i xDrive Touring	Petrol	3.0	2008	2012
VVS177	BMW	325i xDrive Touring	Petrol	3.0	2008	2012
VVS177	BMW	328i	Petrol	3.0	2006	2011
VVS177	BMW	328i Coupe	Petrol	3.0	2006	2013
VVS177	BMW	328i Coupe	Petrol	3.0	2006	2008
VVS177	BMW	330i	Petrol	3.0	2004	2011
VVS177	BMW	330i	Petrol	3.0	2005	2007
VVS177	BMW	330i	Petrol	3.0	2007	2008
VVS177	BMW	330i	Petrol	3.0	2007	2011
VVS177	BMW	330i Cabrio	Petrol	3.0	2007	2013
VVS177	BMW	330i Cabrio	Petrol	3.0	2010	2013
VVS177	BMW	330i Coupe	Petrol	3.0	2006	2008

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS177	BMW	330i Coupe	Petrol	3.0	2006	2010
VVS177	BMW	330i Coupe	Petrol	3.0	2006	2013
VVS177	BMW	330i Coupe	Petrol	3.0	2010	2013
VVS177	BMW	330i Touring	Petrol	3.0	2005	2007
VVS177	BMW	330i Touring	Petrol	3.0	2005	2007
VVS177	BMW	330i Touring	Petrol	3.0	2007	2012
VVS177	BMW	330i Touring	Petrol	3.0	2007	2012
VVS177	BMW	330i xDrive	Petrol	3.0	2008	2011
VVS177	BMW	330i xDrive Coupe	Petrol	3.0	2008	
VVS177	BMW	330i xDrive Touring	Petrol	3.0	2007	2012
VVS177	BMW	335i	Petrol	3.0	2006	2011
VVS177	BMW	335i	Petrol	3.0	2006	2011
VVS177	BMW	335i	Petrol	3.0	2006	2011
VVS177	BMW	335i	Petrol	3.0	2007	2011
VVS177	BMW	335i Cabrio	Petrol	3.0	2006	2013
VVS177	BMW	335i Cabrio	Petrol	3.0	2006	2013
VVS177	BMW	335i Coupe	Petrol	3.0	2006	2013
VVS177	BMW	335i Coupe	Petrol	3.0	2006	2013
VVS177	BMW	335i Coupe	Petrol	3.0	2007	2008
VVS177	BMW	335i Touring	Petrol	3.0	2006	2008
VVS177	BMW	335i Touring	Petrol	3.0	2006	2012
VVS177	BMW	335i Touring	Petrol	3.0	2006	2012
VVS177	BMW	335i Touring	Petrol	3.0	2007	2008
VVS177	BMW	335i xDrive	Petrol	3.0	2006	2011
VVS177	BMW	335i xDrive	Petrol	3.0	2008	2011
VVS177	BMW	335i xDrive	Petrol	3.0	2009	2012
VVS177	BMW	335i xDrive Coupe	Petrol	3.0	2007	2013
VVS177	BMW	335i xDrive Coupe	Petrol	3.0	2008	
VVS177	BMW	335i xDrive Touring	Petrol	3.0	2008	2012
VVS177	BMW	335i xDrive Touring	Petrol	3.0	2008	2012
VVS177	BMW	523i	Petrol	2.5	2004	2007
VVS177	BMW	523i	Petrol	2.5	2007	2009
VVS177	BMW	523i	Petrol	2.5	2010	2011
VVS177	BMW	523i	Petrol	3.0	2010	2011
VVS177	BMW	523i	Petrol	3.0	2010	2011
VVS177	BMW	523i Touring	Petrol	2.5	2004	2007
VVS177	BMW	523i Touring	Petrol	2.5	2007	2010
VVS177	BMW	525i	Petrol	2.5	2005	2009
VVS177	BMW	525i	Petrol	2.5	2005	2007
VVS177	BMW	525i	Petrol	2.5	2005	2010
VVS177	BMW	525i	Petrol	3.0	2007	2010
VVS177	BMW	525i	Petrol	3.0	2007	2010
VVS177	BMW	525i	Petrol	3.0	2007	2009
VVS177	BMW	525i Touring	Petrol	2.5	2004	2010
VVS177	BMW	525i Touring	Petrol	2.5	2005	2007
VVS177	BMW	525i Touring	Petrol	2.5	2005	2010
VVS177	BMW	525i Touring	Petrol	3.0	2007	2010
VVS177	BMW	525i xDrive	Petrol	3.0	2008	2010
VVS177	BMW	525i xDrive Touring	Petrol	3.0	2008	2010
VVS177	BMW	528i	Petrol	3.0	2007	2009
VVS177	BMW	528i	Petrol	3.0	2009	2011
VVS177	BMW	528i	Petrol	3.0	2010	2012
VVS177	BMW	530i	Petrol	3.0	2004	2007
VVS177	BMW	530i	Petrol	3.0	2005	2007
VVS177	BMW	530i	Petrol	3.0	2005	2010
VVS177	BMW	530i	Petrol	3.0	2007	2009
VVS177	BMW	530i	Petrol	3.0	2007	2009
VVS177	BMW	530i	Petrol	3.0	2010	2013

VVS177

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS177

VVS180

VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS177	BMW	530i	Petrol	3.0	2011	2013
VVS177	BMW	530i Touring	Petrol	3.0	2004	2007
VVS177	BMW	530i Touring	Petrol	3.0	2005	2007
VVS177	BMW	530i Touring	Petrol	3.0	2006	2008
VVS177	BMW	530i Touring	Petrol	3.0	2007	2010
VVS177	BMW	530i xDrive	Petrol	3.0	2008	2009
VVS177	BMW	530i xDrive Touring	Petrol	3.0	2008	2010
VVS177	BMW	630i Cabrio	Petrol	3.0	2004	2007
VVS177	BMW	630i Cabrio	Petrol	3.0	2007	2010
VVS177	BMW	630i Coupe	Petrol	3.0	2004	2007
VVS177	BMW	630i Coupe	Petrol	3.0	2007	2010
VVS177	BMW	730i	Petrol	3.0	2005	2008
VVS177	BMW	730i	Petrol	3.0	2005	2008
VVS177	BMW	730i	Petrol	3.0	2005	2008
VVS177	BMW	730i	Petrol	3.0	2009	2015
VVS177	BMW	730i	Petrol	3.0	2009	2015
VVS177	BMW	730i	Petrol	3.0	2009	2015
VVS177	BMW	740i	Petrol	3.0	2008	2012
VVS177	BMW	740i	Petrol	3.0	2008	2012
VVS177	BMW	X1 xDrive 25i	Petrol	3.0	2010	2011
VVS177	BMW	X1 xDrive 28i	Petrol	3.0	2009	2011
VVS177	BMW	X1 xDrive 28i	Petrol	3.0	2010	2011
VVS177	BMW	X3	Petrol	2.5	2006	2008
VVS177	BMW	X3	Petrol	2.5	2006	2008
VVS177	BMW	X3	Petrol	3.0	2006	2008
VVS177	BMW	X3	Petrol	3.0	2007	2008
VVS177	BMW	X3 xDrive 25i	Petrol	2.5	2008	2010
VVS177	BMW	X3 xDrive 25i	Petrol	2.5	2008	2010
VVS177	BMW	X3 xDrive 28i	Petrol	3.0	2011	2012
VVS177	BMW	X3 xDrive 30i	Petrol	3.0	2008	2010
VVS177	BMW	X3 xDrive 30i	Petrol	3.0	2009	2010
VVS177	BMW	X5	Petrol	3.0	2006	2008
VVS177	BMW	X5 xDrive 30i	Petrol	3.0	2007	2010
VVS177	BMW	X5 xDrive 30i	Petrol	3.0	2008	2010
VVS177	BMW	X6 xDrive 35i	Petrol	3.0	2008	2014
VVS177	BMW	X6 xDrive 35i	Petrol	3.0	2008	2014
VVS177	BMW	X6 xDrive 35i	Petrol	3.0	2009	2010
VVS177	BMW	Z4 Cabrio	Petrol	2.5	2005	2009
VVS177	BMW	Z4 Cabrio	Petrol	2.5	2005	2009
VVS177	BMW	Z4 Cabrio	Petrol	2.5	2006	2008
VVS177	BMW	Z4 Cabrio	Petrol	3.0	2006	2008
VVS177	BMW	Z4 Coupe	Petrol	3.0	2006	2008
VVS177	BMW	Z4 sDrive 23i Cabrio	Petrol	2.5	2009	2011
VVS177	BMW	Z4 sDrive 30i Cabrio	Petrol	3.0	2009	2011
VVS177	BMW	Z4 sDrive 30i Cabrio	Petrol	3.0	2009	2011
VVS177	BMW	Z4 sDrive 35i Cabrio	Petrol	3.0	2009	2016
VVS177	BMW	Z4 sDrive 35i Cabrio	Petrol	3.0	2009	2016
VVS177	BMW	Z4 sDrive 35is Cabrio	Petrol	3.0	2010	2016
VVS180						
VVS180	ALPINA	Roadster	Petrol	4.8	2002	2003
VVS180	BMW	535i	Petrol	3.5	1996	1998
VVS180	BMW	535i	Petrol	3.5	1998	2003
VVS180	BMW	540i	Petrol	4.4	1996	2003
VVS180	BMW	540i Touring	Petrol	4.4	1997	2003
VVS180	BMW	735i	Petrol	3.5	1996	1998
VVS180	BMW	735i	Petrol	3.5	1998	2001
VVS180	BMW	740i	Petrol	4.4	1996	2001
VVS180	BMW	X5	Petrol	4.4	2000	2003
VVS180	BMW	X5	Petrol	4.6	2001	2003

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS191						
VVS191	NISSAN	Altima	Petrol	2.5	2006	2012
VVS191	NISSAN	Altima	Petrol	2.5	2010	2012
VVS191	NISSAN	Juke	Petrol	1.6	2010	
VVS191	NISSAN	Juke	Petrol	1.6	2010	
VVS191	NISSAN	Juke	Petrol	1.6	2012	
VVS191	NISSAN	Juke	Petrol	1.6	2012	
VVS191	NISSAN	Juke	Petrol	1.6	2013	
VVS191	NISSAN	Juke	Petrol	1.6	2014	
VVS191	NISSAN	Juke	Petrol	1.6	2014	
VVS191	NISSAN	Rogue	Petrol	2.5	2007	2014
VVS191	NISSAN	Rogue	Petrol	2.5	2007	2014
VVS191	NISSAN	Rogue	Petrol	2.5	2010	2013
VVS191	NISSAN	Rogue	Petrol	2.5	2010	2013
VVS191	NISSAN	Rogue	Petrol	2.5	2010	2013
VVS191	NISSAN	Rogue	Petrol	2.5	2010	2013
VVS191	NISSAN	Teana	Petrol	2.5	2010	2013
VVS191	NISSAN	Teana	Petrol	2.5	2010	2013
VVS191	NISSAN	X-Trail	Petrol	2.5	2007	2014
VVS191	NISSAN	X-Trail	Petrol	2.5	2007	2018
VVS191	NISSAN	X-Trail	Petrol	2.5	2007	2014
VVS193						
VVS193	NISSAN	Murano	Full Hybrid/petrol	2.5	2016	
VVS193	NISSAN	Pathfinder	Full Hybrid/petrol	2.5	2014	
VVS193	NISSAN	Pulsar	Petrol	1.6	2015	
VVS193	NISSAN	Qashqai	Petrol	1.6	2014	
VVS193	NISSAN	Qashqai	Petrol	2.0	2013	
VVS193	NISSAN	Qashqai	Petrol	2.0	2013	
VVS193	NISSAN	Qashqai	Petrol	2.0	2015	
VVS193	NISSAN	Qashqai	Petrol	2.0	2015	
VVS193	NISSAN	Qashqai	Petrol	2.0	2018	
VVS193	NISSAN	X-Trail	Petrol	1.6	2015	
VVS193	NISSAN	X-Trail	Petrol	2.0	2014	
VVS193	NISSAN	X-Trail	Petrol	2.0	2014	
VVS193	NISSAN	X-Trail	Petrol	2.0	2014	
VVS193	NISSAN	X-Trail	Petrol	2.0	2015	
VVS193	NISSAN	X-Trail	Petrol	2.0	2015	
VVS193	NISSAN	X-Trail	Bio (ethanol) petrol or Methanol	2.0	2014	
VVS193	NISSAN	X-Trail	Bio (ethanol) petrol or Methanol	2.0	2014	
VVS194						
VVS194	LAND ROVER	Freelander	Petrol	3.2	2006	2014
VVS194	LAND ROVER	LR2	Petrol	3.2	2006	2014
VVS194	VOLVO	S60	Petrol	3.0	2010	2016
VVS194	VOLVO	S60	Petrol	3.0	2010	2015
VVS194	VOLVO	S60	Petrol	3.0	2014	2018
VVS194	VOLVO	S80	Petrol	3.0	2007	2010
VVS194	VOLVO	S80	Petrol	3.0	2011	
VVS194	VOLVO	S80	Petrol	3.2	2006	2014
VVS194	VOLVO	S80	Petrol	3.2	2006	2010
VVS194	VOLVO	S80	Petrol	3.2	2010	
VVS194	VOLVO	S80	Petrol	3.2	2009	2010
VVS194	VOLVO	V60	Petrol	3.0	2010	2015
VVS194	VOLVO	V60	Petrol	3.0	2014	2015
VVS194	VOLVO	V60	Petrol	3.0	2014	2018
VVS194	VOLVO	V70	Petrol	3.0	2007	2010
VVS194	VOLVO	V70	Petrol	3.0	2011	
VVS194	VOLVO	V70	Petrol	3.0	2013	2016
VVS194	VOLVO	V70	Petrol	3.2	2007	2010
VVS194	VOLVO	V70	Petrol	3.2	2007	2012

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS	Make	Model	Fuel	Stroke	Year From	Year Till
WS194	VOLVO	V70	Petrol	3.2	2010	
WS194	VOLVO	V70	Petrol	3.2	2010	
WS194	VOLVO	XC60	Petrol	3.0	2008	2010
WS194	VOLVO	XC60	Petrol	3.0	2009	2017
WS194	VOLVO	XC60	Petrol	3.0	2014	2015
WS194	VOLVO	XC60	Petrol	3.2	2009	2010
WS194	VOLVO	XC60	Petrol	3.2	2010	2017
WS194	VOLVO	XC70	Petrol	3.0	2008	2016
WS194	VOLVO	XC70	Petrol	3.0	2010	2015
WS194	VOLVO	XC70	Petrol	3.0	2013	2016
WS194	VOLVO	XC70	Petrol	3.2	2007	2011
WS194	VOLVO	XC70	Petrol	3.2	2010	2014
WS194	VOLVO	XC90	Petrol	3.2	2006	2014
WS194	VOLVO	XC90	Petrol	3.2	2011	2014
WS194	VOLVO	XC90	Petrol	3.2	2011	2014
VVS207						
WS207	CHEVROLET	Cruze	Petrol	1.4	2012	
WS207	CHEVROLET	Cruze	Petrol	1.4	2012	
WS207	CHEVROLET	Cruze	Petrol	1.4	2012	
WS207	CHEVROLET	Cruze	Petrol	1.4	2013	2015
WS207	CHEVROLET	Cruze	Petrol	1.4	2013	2015
WS207	CHEVROLET	Orlando	Petrol	1.4	2012	
WS207	CHEVROLET	Tracker	Petrol	1.4	2013	2015
WS207	OPEL	Adam	Petrol	1.2	2012	2019
WS207	OPEL	Adam	Petrol	1.4	2012	2019
WS207	OPEL	Adam	Petrol	1.4	2014	2019
WS207	OPEL	Adam	LPG (with or without Petrol)	1.4	2013	2018
WS207	OPEL	Astra	Petrol	1.4	2009	2015
WS207	OPEL	Astra	Petrol	1.4	2009	2015
WS207	OPEL	Astra	Petrol	1.4	2009	2015
WS207	OPEL	Astra	Petrol	1.4	2010	2015
WS207	OPEL	Astra	Petrol	1.4	2010	2015
WS207	OPEL	Astra	Petrol	1.4	2010	2015
WS207	OPEL	Astra	Petrol	1.4	2010	2015
WS207	OPEL	Astra	Petrol	1.4	2010	2015
WS207	OPEL	Astra	Petrol	1.4	2012	2015
WS207	OPEL	Astra	Petrol	1.4	2012	2015
WS207	OPEL	Astra	LPG (with or without Petrol)	1.4	2012	2015
WS207	OPEL	Astra	LPG (with or without Petrol)	1.4	2012	2015
WS207	OPEL	Astra	LPG (with or without Petrol)	1.4	2014	
WS207	OPEL	Astra GTC	Petrol	1.4	2011	
WS207	OPEL	Astra GTC	Petrol	1.4	2011	
WS207	OPEL	Astra GTC	Petrol	1.4	2011	2015
WS207	OPEL	Cascada	Petrol	1.4	2013	2018
WS207	OPEL	Cascada	Petrol	1.4	2013	2018
WS207	OPEL	Corsa	Petrol	1.2	2010	2014
WS207	OPEL	Corsa	Petrol	1.2	2010	2014
WS207	OPEL	Corsa	Petrol	1.4	2010	2014
WS207	OPEL	Corsa	Petrol	1.4	2010	2014
WS207	OPEL	Corsa	Petrol	1.4	2010	2014
WS207	OPEL	Corsa	Petrol	1.4	2012	2014
WS207	OPEL	Corsa	Petrol	1.4	2012	2014
WS207	OPEL	Corsa	LPG (with or without Petrol)	1.2	2011	2014
WS207	OPEL	Corsa	LPG (with or without Petrol)	1.2	2011	2014
WS207	OPEL	Corsa	LPG (with or without Petrol)	1.4	2009	2014
WS207	OPEL	Corsa Van	Petrol	1.2	2010	2014
WS207	OPEL	Corsa Van	Petrol	1.2	2010	2014
WS207	OPEL	Corsa Van	Petrol	1.4	2012	2014
WS207	OPEL	Corsa Van	Petrol	1.4	2012	2014
WS207	OPEL	Insignia	Petrol	1.4	2011	2017

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS207	OPEL	Insignia	Petrol	1.4	2011	2017
VVS207	OPEL	Insignia	LPG (with or without Petrol)	1.4	2012	2017
VVS207	OPEL	Insignia	LPG (with or without Petrol)	1.4	2012	2017
VVS207	OPEL	Insignia Sports Tourer	Petrol	1.4	2011	2017
VVS207	OPEL	Insignia Sports Tourer	LPG (with or without Petrol)	1.4	2012	2017
VVS207	OPEL	Meriva	Petrol	1.4	2010	2017
VVS207	OPEL	Meriva	Petrol	1.4	2010	2017
VVS207	OPEL	Meriva	Petrol	1.4	2013	2017
VVS207	OPEL	Meriva	LPG (with or without Petrol)	1.4	2011	2017
VVS207	OPEL	Mokka	Petrol	1.4	2012	
VVS207	OPEL	Mokka	Petrol	1.4	2012	
VVS207	OPEL	Mokka	LPG (with or without Petrol)	1.4	2013	
VVS207	OPEL	Mokka X	Petrol	1.4	2016	
VVS207	OPEL	Mokka X	Petrol	1.4	2016	
VVS207	OPEL	Mokka X	LPG (with or without Petrol)	1.4	2016	
VVS207	OPEL	Zafira Tourer	Petrol	1.4	2011	
VVS207	OPEL	Zafira Tourer	Petrol	1.4	2011	
VVS207	OPEL	Zafira Tourer	LPG (with or without Petrol)	1.4	2011	
VVS208						
VVS208	MITSUBISHI	Lancer	Petrol	1.8	2007	
VVS208	MITSUBISHI	Lancer	Petrol	1.8	2009	
VVS208	MITSUBISHI	Lancer	Petrol	1.8	2010	
VVS208	MITSUBISHI	Lancer	Petrol	2.0	2007	
VVS208	MITSUBISHI	Lancer	Petrol	2.0	2007	
VVS208	MITSUBISHI	Lancer	Petrol	2.0	2008	
VVS208	MITSUBISHI	Lancer	Petrol	2.0	2008	
VVS208	MITSUBISHI	Lancer	Petrol	2.0	2009	
VVS208	MITSUBISHI	Lancer	LPG (with or without Petrol)	1.8	2009	
VVS208	MITSUBISHI	Lancer	Bio (ethanol) petrol or Methanol	1.8	2009	
VVS208	MITSUBISHI	Lancer	Bio (ethanol) petrol or Methanol	1.8	2010	
VVS208	MITSUBISHI	Lancer Evolution	Petrol	2.0	2007	2015
VVS208	MITSUBISHI	Lancer Evolution	Petrol	2.0	2007	
VVS208	MITSUBISHI	Lancer Evolution	Petrol	2.0	2007	
VVS208	MITSUBISHI	Lancer Evolution	Petrol	2.0	2008	
VVS208	MITSUBISHI	Lancer Evolution	Petrol	2.0	2008	
VVS208	MITSUBISHI	Lancer Evolution	Petrol	2.0	2009	
VVS208	MITSUBISHI	Lancer Evolution	Petrol	2.0	2009	2010
VVS208	MITSUBISHI	Lancer Evolution	Petrol	2.0	2009	
VVS208	MITSUBISHI	Lancer Evolution	Petrol	2.0	2009	
VVS208	MITSUBISHI	Lancer Fortis	Petrol	1.8	2007	
VVS208	MITSUBISHI	Lancer Sportback	Petrol	1.8	2008	2011
VVS208	MITSUBISHI	Lancer Sportback	Petrol	1.8	2009	
VVS208	MITSUBISHI	Lancer Sportback	Petrol	2.0	2008	
VVS208	MITSUBISHI	Lancer Sportback	LPG (with or without Petrol)	1.8	2009	
VVS208	MITSUBISHI	Lancer Sportback	Bio (ethanol) petrol or Methanol	1.8	2009	
VVS208	MITSUBISHI	Outlander	Petrol	2.0	2006	2012
VVS208	MITSUBISHI	Outlander	Petrol	2.0	2006	2013
VVS208	MITSUBISHI	Outlander	Petrol	2.4	2006	2013
VVS208	MITSUBISHI	Outlander	Petrol	2.4	2007	2013
VVS208	MITSUBISHI	Outlander	Bio (ethanol) petrol or Methanol	2.4	2007	2010
VVS209						
VVS209	CHRYSLER	200	Petrol	2.4	2011	2014
VVS209	CHRYSLER	200	Petrol	2.4	2011	2014
VVS209	DODGE	Caliber	Petrol	1.8	2006	2011
VVS209	DODGE	Caliber	Petrol	2.0	2006	2011
VVS209	DODGE	Caliber	Petrol	2.4	2006	2011
VVS209	DODGE	Caliber	Petrol	2.4	2006	2011
VVS209	DODGE	Caliber	Petrol	2.4	2007	2011
VVS209	DODGE	Journey	Petrol	2.4	2009	2012
VVS209	DODGE	Journey	Petrol	2.4	2009	2012
VVS209	DODGE	Journey	Petrol	2.4	2012	

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS209

VVS212

VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS209	JEEP	Compass	Petrol	2.0	2011	
VVS209	JEEP	Compass	Petrol	2.0	2012	
VVS209	JEEP	Compass	Petrol	2.0	2012	
VVS209	JEEP	Compass	Petrol	2.4	2007	
VVS209	JEEP	Compass	Petrol	2.4	2007	
VVS209	JEEP	Compass	Petrol	2.4	2015	
VVS209	JEEP	Compass	Petrol	2.4	2017	
VVS209	JEEP	Compass	Petrol	2.4	2017	
VVS209	JEEP	Compass	Petrol	2.4	2017	
VVS209	JEEP	Patriot	Petrol	2.0	2007	2017
VVS209	JEEP	Patriot	Petrol	2.0	2007	2017
VVS209	JEEP	Patriot	Petrol	2.4	2007	2017
VVS209	JEEP	Patriot	Petrol	2.4	2007	2017
VVS212						
VVS212	AUDI	A1	Petrol	1.4	2010	2015
VVS212	AUDI	A1	Petrol	1.4	2011	2015
VVS212	AUDI	A1 Sportback	Petrol	1.4	2011	2015
VVS212	AUDI	A1 Sportback	Petrol	1.4	2011	2015
VVS212	AUDI	A3	Petrol	1.4	2007	2012
VVS212	AUDI	A3	Petrol	1.6	2003	2007
VVS212	AUDI	A3 Cabrio	Petrol	1.4	2011	2013
VVS212	AUDI	A3 Sportback	Petrol	1.4	2007	2013
VVS212	AUDI	A3 Sportback	Petrol	1.6	2004	2007
VVS212	SEAT	Alhambra	Petrol	1.4	2010	
VVS212	SEAT	Altea	Petrol	1.4	2007	
VVS212	SEAT	Altea Freetrack	Petrol	1.4	2010	2011
VVS212	SEAT	Altea XL	Petrol	1.4	2007	
VVS212	SEAT	Cordoba	Petrol	1.6	2006	2009
VVS212	SEAT	Ibiza	Petrol	1.4	2008	2015
VVS212	SEAT	Ibiza	Petrol	1.6	2006	2009
VVS212	SEAT	Ibiza	Petrol	1.6	2008	2012
VVS212	SEAT	Ibiza SC	Petrol	1.4	2009	2015
VVS212	SEAT	Ibiza SC	Petrol	1.4	2009	2015
VVS212	SEAT	Ibiza SC	Petrol	1.6	2008	2015
VVS212	SEAT	Ibiza ST	Petrol	1.4	2012	2015
VVS212	SEAT	Ibiza ST	Petrol	1.6	2012	2015
VVS212	SEAT	Leon	Petrol	1.4	2007	2013
VVS212	SEAT	Toledo	Petrol	1.4	2012	2015
VVS212	SEAT	Toledo	Petrol	1.6	2012	2015
VVS212	SKODA	Fabia	Petrol	1.6	2007	2014
VVS212	SKODA	Fabia	Petrol	1.6	2007	2014
VVS212	SKODA	Fabia Scout	Petrol	1.6	2010	2014
VVS212	SKODA	Fabia Scout	Petrol	1.6	2010	2014
VVS212	SKODA	Octavia	Petrol	1.4	2008	2013
VVS212	SKODA	Octavia	Petrol	1.4	2008	2013
VVS212	SKODA	Octavia	Petrol	1.6	2004	2008
VVS212	SKODA	Octavia	Petrol	1.6	2004	2008
VVS212	SKODA	Rapid	Petrol	1.6	2012	2015
VVS212	SKODA	Rapid Spaceback	Petrol	1.6	2012	2015
VVS212	SKODA	Roomster	Petrol	1.6	2006	2015
VVS212	SKODA	Roomster	LPG (with or without Petrol)	1.6	2006	2010
VVS212	SKODA	Roomster Scout	Petrol	1.6	2006	2015
VVS212	SKODA	Yeti	Petrol	1.4	2010	2015
VVS212	VW	Beetle	Petrol	1.4	2011	2016
VVS212	VW	Beetle	Petrol	1.4	2011	2016
VVS212	VW	CC	Petrol	1.4	2011	2016
VVS212	VW	CC	Bio (ethanol) petrol or Methanol	1.4	2011	2016
VVS212	VW	Eos	Petrol	1.4	2007	2015
VVS212	VW	Eos	Petrol	1.4	2008	2015
VVS212	VW	Eos	Petrol	1.6	2006	2008

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS212	VW	Golf	Petrol	1.4	2005	2008
VVS212	VW	Golf	Petrol	1.4	2006	2008
VVS212	VW	Golf	Petrol	1.4	2007	2008
VVS212	VW	Golf	Petrol	1.4	2008	2012
VVS212	VW	Golf	Petrol	1.4	2008	2012
VVS212	VW	Golf	Petrol	1.4	2008	2012
VVS212	VW	Golf	Petrol	1.4	2008	2012
VVS212	VW	Golf	Petrol	1.6	2003	2008
VVS212	VW	Golf Cabrio	Petrol	1.4	2011	2016
VVS212	VW	Golf Cabrio	Petrol	1.4	2011	2016
VVS212	VW	Golf Estate/Variant	Petrol	1.4	2007	2008
VVS212	VW	Golf Estate/Variant	Petrol	1.4	2007	2008
VVS212	VW	Golf Estate/Variant	Petrol	1.4	2007	2009
VVS212	VW	Golf Estate/Variant	Petrol	1.4	2008	2009
VVS212	VW	Golf Estate/Variant	Petrol	1.4	2009	2013
VVS212	VW	Golf Estate/Variant	Petrol	1.4	2009	2013
VVS212	VW	Golf Plus	Petrol	1.4	2006	2008
VVS212	VW	Golf Plus	Petrol	1.4	2006	2008
VVS212	VW	Golf Plus	Petrol	1.4	2007	2014
VVS212	VW	Golf Plus	Petrol	1.4	2008	2014
VVS212	VW	Golf Plus	Petrol	1.4	2009	2012
VVS212	VW	Golf Plus	Petrol	1.4	2009	2014
VVS212	VW	Golf Plus	Petrol	1.6	2004	2008
VVS212	VW	Golf Van (Variant)	Petrol	1.4	2009	2012
VVS212	VW	Golf Van (Variant)	Petrol	1.4	2009	2014
VVS212	VW	Jetta	Petrol	1.4	2006	2008
VVS212	VW	Jetta	Petrol	1.4	2006	2008
VVS212	VW	Jetta	Petrol	1.4	2007	2010
VVS212	VW	Jetta	Petrol	1.4	2008	2010
VVS212	VW	Jetta	Petrol	1.4	2011	
VVS212	VW	Jetta	Petrol	1.4	2011	
VVS212	VW	Jetta	Petrol	1.6	2005	2008
VVS212	VW	Passat	Petrol	1.4	2007	2010
VVS212	VW	Passat	Petrol	1.4	2010	2014
VVS212	VW	Passat	Petrol	1.4	2012	2014
VVS212	VW	Passat	Petrol	1.6	2005	2008
VVS212	VW	Passat	CNG (with or without Petrol)	1.4	2009	2010
VVS212	VW	Passat	CNG (with or without Petrol)	1.4	2010	2014
VVS212	VW	Passat	Bio (ethanol) petrol or Methanol	1.4	2010	2014
VVS212	VW	Passat CC	Bio (ethanol) petrol or Methanol	1.4	2011	2011
VVS212	VW	Passat Estate/Variant	Petrol	1.4	2007	2010
VVS212	VW	Passat Estate/Variant	Petrol	1.4	2010	2014
VVS212	VW	Passat Estate/Variant	Petrol	1.4	2010	2014
VVS212	VW	Passat Estate/Variant	Petrol	1.4	2012	2014
VVS212	VW	Passat Estate/Variant	Petrol	1.6	2005	2008
VVS212	VW	Passat Estate/Variant	CNG (with or without Petrol)	1.4	2009	2010
VVS212	VW	Passat Estate/Variant	CNG (with or without Petrol)	1.4	2010	2014
VVS212	VW	Passat Estate/Variant	Bio (ethanol) petrol or Methanol	1.4	2010	2014
VVS212	VW	Polo	Petrol	1.4	2010	2014
VVS212	VW	Polo	Petrol	1.6	2006	2009
VVS212	VW	Polo Classic	Petrol	1.6	2007	2010
VVS212	VW	Scirocco	Petrol	1.4	2008	2014
VVS212	VW	Scirocco	Petrol	1.4	2008	2017
VVS212	VW	Scirocco	Petrol	1.4	2008	2014
VVS212	VW	Scirocco	Petrol	1.4	2008	2017
VVS212	VW	Sharan	Petrol	1.4	2010	2015
VVS212	VW	Sharan	Petrol	1.4	2010	2015
VVS212	VW	Tiguan	Petrol	1.4	2007	2018
VVS212	VW	Tiguan	Petrol	1.4	2008	2010
VVS212	VW	Tiguan	Petrol	1.4	2008	2018

VVS212

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS12

VVS15

VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS212	VW	Tiguan	Petrol	1.4	2010	2011
VVS212	VW	Tiguan	Petrol	1.4	2010	2018
VVS212	VW	Tiguan	Petrol	1.4	2011	2018
VVS212	VW	Tiguan	Petrol	1.4	2011	2018
VVS212	VW	Tiguan	Petrol	1.4	2012	2018
VVS212	VW	Tiguan	Petrol	1.4	2012	2018
VVS212	VW	Touran	Petrol	1.4	2006	2010
VVS212	VW	Touran	Petrol	1.4	2006	2010
VVS212	VW	Touran	Petrol	1.4	2010	2015
VVS212	VW	Touran	Petrol	1.4	2010	2015
VVS212	VW	Touran	Petrol	1.4	2010	2015
VVS212	VW	Touran	Petrol	1.4	2010	2015
VVS212	VW	Touran	Petrol	1.6	2003	2006
VVS212	VW	Touran	Petrol	1.6	2003	2007
VVS212	VW	Touran	CNG (with or without Petrol)	1.4	2009	2010
VVS212	VW	Touran	CNG (with or without Petrol)	1.4	2010	2015
VVS212	VW	Touran	CNG (with or without Petrol)	1.4	2010	2015
VVS215						
VVS215	BMW	320i	Petrol	2.0	1998	2000
VVS215	BMW	320i	Petrol	2.2	2000	2005
VVS215	BMW	320i	Petrol	2.2	2000	2005
VVS215	BMW	320i Cabrio	Petrol	2.2	2000	2007
VVS215	BMW	320i Cabrio	Petrol	2.2	2000	2007
VVS215	BMW	320i Coupe	Petrol	2.0	1999	2000
VVS215	BMW	320i Coupe	Petrol	2.2	2000	2006
VVS215	BMW	320i Coupe	Petrol	2.2	2001	2003
VVS215	BMW	320i Touring	Petrol	2.0	1999	2000
VVS215	BMW	320i Touring	Petrol	2.2	2000	2005
VVS215	BMW	320i Touring	Petrol	2.2	2000	2005
VVS215	BMW	323i	Petrol	2.5	1998	2000
VVS215	BMW	323i	Petrol	2.5	1998	2000
VVS215	BMW	323i Cabrio	Petrol	2.5	1998	2000
VVS215	BMW	323i Cabrio	Petrol	2.5	2000	2000
VVS215	BMW	323i Coupe	Petrol	2.5	1999	2000
VVS215	BMW	323i Coupe	Petrol	2.5	1999	2000
VVS215	BMW	323i Touring	Petrol	2.5	1999	2000
VVS215	BMW	325i	Petrol	2.5	2000	2005
VVS215	BMW	325i	Petrol	2.5	2000	2005
VVS215	BMW	325i	Petrol	2.5	2001	2005
VVS215	BMW	325i Cabrio	Petrol	2.5	2000	2006
VVS215	BMW	325i Compact	Petrol	2.5	2001	2004
VVS215	BMW	325i Coupe	Petrol	2.5	2000	2006
VVS215	BMW	325i Touring	Petrol	2.5	2000	2005
VVS215	BMW	325i Touring	Petrol	2.5	2000	2005
VVS215	BMW	328i	Petrol	2.8	1997	2000
VVS215	BMW	328i Coupe	Petrol	2.8	1998	2000
VVS215	BMW	328i Touring	Petrol	2.8	1999	2000
VVS215	BMW	330i	Petrol	3.0	2000	2005
VVS215	BMW	330i	Petrol	3.0	2000	2005
VVS215	BMW	330i Cabrio	Petrol	3.0	2000	2006
VVS215	BMW	330i Coupe	Petrol	3.0	2000	2006
VVS215	BMW	330i Touring	Petrol	3.0	2000	2005
VVS215	BMW	330i Touring	Petrol	3.0	2000	2005
VVS215	BMW	520i	Petrol	2.2	2000	2003
VVS215	BMW	520i	Petrol	2.2	2000	2003
VVS215	BMW	520i	Petrol	2.2	2003	2005
VVS215	BMW	520i Touring	Petrol	2.2	2000	2003
VVS215	BMW	520i Touring	Petrol	2.2	2000	2003
VVS215	BMW	525i	Petrol	2.5	2000	2003

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS215	BMW	525i	Petrol	2.5	2003	2005
VVS215	BMW	525i Touring	Petrol	2.5	2000	2004
VVS215	BMW	525i Touring	Petrol	2.5	2004	2005
VVS215	BMW	530i	Petrol	3.0	2000	2003
VVS215	BMW	530i	Petrol	3.0	2003	2005
VVS215	BMW	530i Touring	Petrol	3.0	2000	2003
VVS215	BMW	730i	Petrol	3.0	2003	2005
VVS215	BMW	730i	Petrol	3.0	2003	2005
VVS215	BMW	X3	Petrol	2.5	2004	2006
VVS215	BMW	X3	Petrol	3.0	2003	2006
VVS215	BMW	X5	Petrol	3.0	2000	2006
VVS215	BMW	Z3 Cabrio	Petrol	2.0	1998	2000
VVS215	BMW	Z3 Cabrio	Petrol	2.2	2000	2003
VVS215	BMW	Z3 Cabrio	Petrol	2.2	2000	2002
VVS215	BMW	Z3 Cabrio	Petrol	2.8	1996	2000
VVS215	BMW	Z3 Cabrio	Petrol	3.0	2000	2002
VVS215	BMW	Z3 Coupe	Petrol	3.0	2000	2002
VVS215	BMW	Z4 Cabrio	Petrol	2.2	2003	2005
VVS215	BMW	Z4 Cabrio	Petrol	2.5	2002	2005
VVS215	BMW	Z4 Cabrio	Petrol	3.0	2002	2005
VVS215	BMW	Z4 Coupe	Petrol	2.5	2006	2008
VVS224						
VVS224	HYUNDAI	Elantra	Petrol	1.6	2006	2010
VVS224	HYUNDAI	Elantra	Petrol	1.6	2006	2011
VVS224	HYUNDAI	i20	Petrol	1.4	2008	2014
VVS224	HYUNDAI	i20	Petrol	1.6	2008	2014
VVS224	HYUNDAI	i20	Petrol	1.6	2008	2014
VVS224	HYUNDAI	i30	Petrol	1.4	2007	2011
VVS224	HYUNDAI	i30	Petrol	1.4	2007	2011
VVS224	HYUNDAI	i30	Petrol	1.6	2007	2012
VVS224	HYUNDAI	i30	Petrol	1.6	2007	2011
VVS224	HYUNDAI	i30	Petrol	1.6	2008	2011
VVS224	HYUNDAI	i30 CW	Petrol	1.4	2007	2012
VVS224	HYUNDAI	i30 CW	Petrol	1.4	2009	2012
VVS224	HYUNDAI	i30 CW	Petrol	1.6	2008	2012
VVS224	HYUNDAI	i30 CW	Petrol	1.6	2008	2012
VVS224	HYUNDAI	i30 CW	Petrol	1.6	2008	2012
VVS224	KIA	Cerato	Petrol	1.6	2009	
VVS227						
VVS227	MERCEDES-BENZ	C180	Petrol	1.8	2007	2014
VVS227	MERCEDES-BENZ	C180	Petrol	1.8	2007	2014
VVS227	MERCEDES-BENZ	C180	Petrol	1.8	2011	2014
VVS227	MERCEDES-BENZ	C200	Petrol	1.8	2007	2014
VVS227	MERCEDES-BENZ	C200	Petrol	1.8	2007	2014
VVS227	MERCEDES-BENZ	C200	Petrol	1.8	2009	2014
VVS227	MERCEDES-BENZ	C200	Petrol	1.8	2011	2014
VVS227	MERCEDES-BENZ	C200	Petrol	1.8	2011	2014
VVS227	MERCEDES-BENZ	C250	Petrol	1.8	2009	2014
VVS227	MERCEDES-BENZ	C250	Petrol	1.8	2009	2014
VVS227	MERCEDES-BENZ	C250	Petrol	1.8	2011	2014
VVS227	MERCEDES-BENZ	E200	Petrol	1.8	2009	2015
VVS227	MERCEDES-BENZ	E200	Petrol	1.8	2009	2016
VVS227	MERCEDES-BENZ	E200	Petrol	1.8	2009	2016
VVS227	MERCEDES-BENZ	E200	Petrol	1.8	2010	2016
VVS227	MERCEDES-BENZ	E250	Petrol	1.8	2009	2013
VVS227	MERCEDES-BENZ	E250	Petrol	1.8	2009	2015
VVS227	MERCEDES-BENZ	E250	Petrol	1.8	2009	2016
VVS227	MERCEDES-BENZ	E250	Petrol	1.8	2010	2016
VVS227	MERCEDES-BENZ	SLK200	Petrol	1.8	2011	
VVS227	MERCEDES-BENZ	SLK250	Petrol	1.8	2011	

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS229

VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS229						
VVS229	ALPINA	B5	Petrol	4.4	2020	
VVS229	ALPINA	B5	Petrol	4.4	2020	
VVS229	BMW	116i	Petrol	1.5	2015	
VVS229	BMW	116i	Petrol	1.5	2015	2019
VVS229	BMW	118i	Petrol	1.5	2015	
VVS229	BMW	118i	Petrol	1.5	2015	2019
VVS229	BMW	118i	Petrol	1.5	2015	2019
VVS229	BMW	118i	Petrol	1.5	2015	2019
VVS229	BMW	120i	Petrol	2.0	2016	
VVS229	BMW	120i	Petrol	2.0	2016	2019
VVS229	BMW	120i	Petrol	2.0	2016	2019
VVS229	BMW	125i	Petrol	2.0	2015	
VVS229	BMW	125i	Petrol	2.0	2016	2019
VVS229	BMW	M135i xDrive	Petrol	2.0	2019	
VVS229	BMW	M140i	Petrol	3.0	2015	
VVS229	BMW	M140i	Petrol	3.0	2016	2019
VVS229	BMW	M140i	Petrol	3.0	2016	2019
VVS229	BMW	M140i xDrive	Petrol	3.0	2015	
VVS229	BMW	M140i xDrive	Petrol	3.0	2016	2019
VVS229	BMW	216i Active Tourer	Petrol	1.5	2015	2018
VVS229	BMW	216i Active Tourer	Petrol	1.5	2018	
VVS229	BMW	216i Gran Tourer	Petrol	1.5	2015	2018
VVS229	BMW	216i Gran Tourer	Petrol	1.5	2018	
VVS229	BMW	218i Active Tourer	Petrol	1.5	2014	
VVS229	BMW	218i Active Tourer	Petrol	1.5	2018	
VVS229	BMW	218i Active Tourer	Petrol	1.5	2018	
VVS229	BMW	218i Cabrio	Petrol	1.5	2015	
VVS229	BMW	218i Coupe	Petrol	1.5	2015	
VVS229	BMW	218i Gran Coupe	Petrol	1.5	2019	
VVS229	BMW	218i Gran Tourer	Petrol	1.5	2015	
VVS229	BMW	218i Gran Tourer	Petrol	1.5	2017	
VVS229	BMW	218i Gran Tourer	Petrol	1.5	2017	
VVS229	BMW	220i Active Tourer	Petrol	2.0	2014	
VVS229	BMW	220i Active Tourer	Petrol	2.0	2014	
VVS229	BMW	220i Cabrio	Petrol	2.0	2015	
VVS229	BMW	220i Coupe	Petrol	2.0	2015	
VVS229	BMW	220i Gran Tourer	Petrol	2.0	2015	
VVS229	BMW	220i Gran Tourer	Petrol	2.0	2015	
VVS229	BMW	225e xDrive Active Tourer	Plug-in Hybrid/petrol	1.5	2016	
VVS229	BMW	225i Active Tourer	Petrol	2.0	2014	
VVS229	BMW	225i xDrive Active Tourer	Petrol	2.0	2014	
VVS229	BMW	230i Cabrio	Petrol	2.0	2016	
VVS229	BMW	230i Coupe	Petrol	2.0	2016	
VVS229	BMW	M235i xDrive Gran Coupe	Petrol	2.0	2019	
VVS229	BMW	M240i Cabrio	Petrol	3.0	2015	
VVS229	BMW	M240i Coupe	Petrol	3.0	2015	
VVS229	BMW	M240i xDrive Cabrio	Petrol	3.0	2015	
VVS229	BMW	M240i xDrive Coupe	Petrol	3.0	2015	
VVS229	BMW	318i	Petrol	1.5	2015	2018
VVS229	BMW	318i Touring	Petrol	1.5	2015	2019
VVS229	BMW	320i	Petrol	1.6	2019	
VVS229	BMW	320i	Petrol	2.0	2015	2018
VVS229	BMW	320i	Petrol	2.0	2019	
VVS229	BMW	320i Gran Turismo	Petrol	2.0	2016	
VVS229	BMW	320i Gran Turismo	Petrol	2.0	2016	
VVS229	BMW	320i Touring	Petrol	2.0	2015	2019
VVS229	BMW	320i Touring	Petrol	2.0	2019	
VVS229	BMW	320i Touring	Petrol	2.0	2019	
VVS229	BMW	320i xDrive	Petrol	2.0	2015	2018

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS229	BMW	320i xDrive	Petrol	2.0	2019	
VVS229	BMW	320i xDrive Gran Turismo	Petrol	2.0	2016	
VVS229	BMW	320i xDrive Gran Turismo	Petrol	2.0	2016	
VVS229	BMW	320i xDrive Touring	Petrol	2.0	2015	2019
VVS229	BMW	330e	Plug-in Hybrid/petrol	2.0	2015	2018
VVS229	BMW	330e	Plug-in Hybrid/petrol	2.0	2019	
VVS229	BMW	330e Touring	Plug-in Hybrid/petrol	2.0	2020	
VVS229	BMW	330e Touring	Plug-in Hybrid/petrol	2.0	2020	
VVS229	BMW	330e xDrive	Plug-in Hybrid/petrol	2.0	2020	
VVS229	BMW	330e xDrive Touring	Plug-in Hybrid/petrol	2.0	2020	
VVS229	BMW	330i	Petrol	2.0	2015	2018
VVS229	BMW	330i	Petrol	2.0	2018	
VVS229	BMW	330i Gran Turismo	Petrol	2.0	2016	
VVS229	BMW	330i Touring	Petrol	2.0	2015	2019
VVS229	BMW	330i Touring	Petrol	2.0	2015	2019
VVS229	BMW	330i Touring	Petrol	2.0	2019	
VVS229	BMW	330i xDrive	Petrol	2.0	2015	2018
VVS229	BMW	330i xDrive	Petrol	2.0	2018	
VVS229	BMW	330i xDrive Gran Turismo	Petrol	2.0	2016	
VVS229	BMW	330i xDrive Gran Turismo	Petrol	2.0	2016	
VVS229	BMW	330i xDrive Touring	Petrol	2.0	2015	2019
VVS229	BMW	330i xDrive Touring	Petrol	2.0	2019	
VVS229	BMW	340i	Petrol	3.0	2015	2018
VVS229	BMW	340i	Petrol	3.0	2015	2018
VVS229	BMW	340i Gran Turismo	Petrol	3.0	2016	
VVS229	BMW	340i Gran Turismo	Petrol	3.0	2016	
VVS229	BMW	340i Touring	Petrol	3.0	2015	2019
VVS229	BMW	340i Touring	Petrol	3.0	2015	2019
VVS229	BMW	340i Touring	Petrol	3.0	2015	2019
VVS229	BMW	340i xDrive	Petrol	3.0	2015	2018
VVS229	BMW	340i xDrive	Petrol	3.0	2015	2018
VVS229	BMW	340i xDrive Gran Turismo	Petrol	3.0	2016	
VVS229	BMW	340i xDrive Gran Turismo	Petrol	3.0	2016	
VVS229	BMW	340i xDrive Touring	Petrol	3.0	2015	2019
VVS229	BMW	340i xDrive Touring	Petrol	3.0	2015	2019
VVS229	BMW	M340i	Petrol	3.0	2019	
VVS229	BMW	M340i xDrive	Petrol	3.0	2019	
VVS229	BMW	M340i xDrive	Petrol	3.0	2019	
VVS229	BMW	418i Coupe	Petrol	1.5	2016	
VVS229	BMW	418i Gran Coupe	Petrol	1.5	2015	
VVS229	BMW	420i Cabrio	Petrol	2.0	2016	
VVS229	BMW	420i Cabrio	Petrol	2.0	2016	
VVS229	BMW	420i Coupe	Petrol	2.0	2016	
VVS229	BMW	420i Coupe	Petrol	2.0	2016	
VVS229	BMW	420i Gran Coupe	Petrol	2.0	2016	
VVS229	BMW	420i xDrive Coupe	Petrol	2.0	2016	
VVS229	BMW	420i xDrive Coupe	Petrol	2.0	2016	
VVS229	BMW	420i xDrive Gran Coupe	Petrol	2.0	2016	
VVS229	BMW	420i xDrive Gran Coupe	Petrol	2.0	2016	
VVS229	BMW	430i Cabrio	Petrol	2.0	2016	
VVS229	BMW	430i Coupe	Petrol	2.0	2016	
VVS229	BMW	430i Coupe	Petrol	2.0	2016	
VVS229	BMW	430i Gran Coupe	Petrol	2.0	2016	
VVS229	BMW	430i xDrive Cabrio	Petrol	2.0	2016	
VVS229	BMW	430i xDrive Coupe	Petrol	2.0	2016	
VVS229	BMW	430i xDrive Coupe	Petrol	2.0	2016	
VVS229	BMW	430i xDrive Gran Coupe	Petrol	2.0	2016	
VVS229	BMW	430i xDrive Gran Coupe	Petrol	2.0	2016	

VVS229

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS229

VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS229	BMW	440i Cabrio	Petrol	3.0	2016	
VVS229	BMW	440i Cabrio	Petrol	3.0	2016	
VVS229	BMW	440i Coupe	Petrol	3.0	2016	
VVS229	BMW	440i Coupe	Petrol	3.0	2016	
VVS229	BMW	440i Gran Coupe	Petrol	3.0	2016	
VVS229	BMW	440i Gran Coupe	Petrol	3.0	2016	
VVS229	BMW	440i xDrive Cabrio	Petrol	3.0	2016	
VVS229	BMW	440i xDrive Cabrio	Petrol	3.0	2016	
VVS229	BMW	440i xDrive Coupe	Petrol	3.0	2016	
VVS229	BMW	440i xDrive Coupe	Petrol	3.0	2016	
VVS229	BMW	440i xDrive Gran Coupe	Petrol	3.0	2016	
VVS229	BMW	440i xDrive Gran Coupe	Petrol	3.0	2016	
VVS229	BMW	520i	Petrol	1.6	2017	
VVS229	BMW	520i	Petrol	2.0	2017	2020
VVS229	BMW	520i	Petrol	2.0	2017	2020
VVS229	BMW	520i Touring	Petrol	2.0	2017	
VVS229	BMW	520i Touring	Petrol	2.0	2017	2020
VVS229	BMW	520i Touring	Petrol	2.0	2017	2020
VVS229	BMW	520i Touring	Petrol	2.0	2017	2020
VVS229	BMW	523i	Petrol	2.0	2017	
VVS229	BMW	530e	Plug-in Hybrid/petrol	2.0	2017	
VVS229	BMW	530e	Plug-in Hybrid/petrol	2.0	2019	
VVS229	BMW	530e Touring	Plug-in Hybrid/petrol	2.0	2020	
VVS229	BMW	530e Touring	Plug-in Hybrid/petrol	2.0	2020	
VVS229	BMW	530e xDrive	Plug-in Hybrid/petrol	2.0	2017	
VVS229	BMW	530e xDrive	Plug-in Hybrid/petrol	2.0	2019	
VVS229	BMW	530e xDrive Touring	Plug-in Hybrid/petrol	2.0	2020	
VVS229	BMW	530e xDrive Touring	Plug-in Hybrid/petrol	2.0	2020	
VVS229	BMW	530i	Petrol	2.0	2016	2020
VVS229	BMW	530i Touring	Petrol	2.0	2017	
VVS229	BMW	530i Touring	Petrol	2.0	2017	2020
VVS229	BMW	530i xDrive	Petrol	2.0	2016	
VVS229	BMW	530i xDrive	Petrol	2.0	2016	2020
VVS229	BMW	530i xDrive Touring	Petrol	2.0	2017	
VVS229	BMW	530i xDrive Touring	Petrol	2.0	2017	2020
VVS229	BMW	540i	Petrol	3.0	2016	2020
VVS229	BMW	540i	Petrol	3.0	2016	2020
VVS229	BMW	540i xDrive	Petrol	3.0	2016	2020
VVS229	BMW	540i xDrive	Petrol	3.0	2016	2020
VVS229	BMW	540i xDrive Touring	Petrol	3.0	2017	
VVS229	BMW	540i xDrive Touring	Petrol	3.0	2017	2020
VVS229	BMW	M5	Petrol	4.4	2017	
VVS229	BMW	M5	Petrol	4.4	2018	
VVS229	BMW	M550i xDrive	Petrol	4.4	2017	2019
VVS229	BMW	M550i xDrive	Petrol	4.4	2019	
VVS229	BMW	630i Gran Turismo	Petrol	2.0	2017	2020
VVS229	BMW	630i Gran Turismo	Petrol	2.0	2017	2020
VVS229	BMW	630i xDrive Gran Turismo	Petrol	3.0	2019	
VVS229	BMW	640i Gran Turismo	Petrol	3.0	2017	2020
VVS229	BMW	640i Gran Turismo	Petrol	3.0	2017	2020
VVS229	BMW	640i xDrive Gran Turismo	Petrol	3.0	2017	2020
VVS229	BMW	640i xDrive Gran Turismo	Petrol	3.0	2017	2020
VVS229	BMW	730i	Petrol	2.0	2015	
VVS229	BMW	730i	Petrol	2.0	2015	2019
VVS229	BMW	730i	Petrol	2.0	2015	2019
VVS229	BMW	730i	Petrol	2.0	2019	
VVS229	BMW	730i	Petrol	2.0	2019	
VVS229	BMW	740e	Plug-in Hybrid/petrol	2.0	2016	2019

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS229	BMW	740e	Plug-in Hybrid/petrol	2.0	2016	2019
VVS229	BMW	740e xDrive	Plug-in Hybrid/petrol	2.0	2016	2019
VVS229	BMW	740i	Petrol	3.0	2015	2019
VVS229	BMW	740i	Petrol	3.0	2015	2019
VVS229	BMW	740i	Petrol	3.0	2019	
VVS229	BMW	740i	Petrol	3.0	2019	
VVS229	BMW	740i xDrive	Petrol	3.0	2016	
VVS229	BMW	740i xDrive	Petrol	3.0	2019	
VVS229	BMW	745e	Plug-in Hybrid/petrol	3.0	2019	
VVS229	BMW	745e	Plug-in Hybrid/petrol	3.0	2019	
VVS229	BMW	745e xDrive	Plug-in Hybrid/petrol	3.0	2019	
VVS229	BMW	750i	Petrol	4.4	2015	2019
VVS229	BMW	750i	Petrol	4.4	2015	2019
VVS229	BMW	750i xDrive	Petrol	4.4	2015	2019
VVS229	BMW	750i xDrive	Petrol	4.4	2015	2019
VVS229	BMW	750i xDrive	Petrol	4.4	2019	
VVS229	BMW	750i xDrive	Petrol	4.4	2019	
VVS229	BMW	840i Cabrio	Petrol	3.0	2019	2020
VVS229	BMW	840i Coupe	Petrol	3.0	2019	
VVS229	BMW	840i Gran Coupe	Petrol	3.0	2019	2020
VVS229	BMW	840i xDrive Cabrio	Petrol	3.0	2019	2020
VVS229	BMW	840i xDrive Coupe	Petrol	3.0	2019	2020
VVS229	BMW	840i xDrive Gran Coupe	Petrol	3.0	2019	
VVS229	BMW	M8 Cabrio	Petrol	4.4	2019	
VVS229	BMW	M8 Cabrio	Petrol	4.4	2019	
VVS229	BMW	M8 Coupe	Petrol	4.4	2019	
VVS229	BMW	M8 Coupe	Petrol	4.4	2019	
VVS229	BMW	M8 Gran Coupe	Petrol	4.4	2019	
VVS229	BMW	M8 Gran Coupe	Petrol	4.4	2019	
VVS229	BMW	M850i xDrive Cabrio	Petrol	4.4	2019	
VVS229	BMW	M850i xDrive Coupe	Petrol	4.4	2018	
VVS229	BMW	M850i xDrive Gran Coupe	Petrol	4.4	2019	
VVS229	BMW	i8	Plug-in Hybrid/petrol	1.5	2014	2020
VVS229	BMW	i8	Plug-in Hybrid/petrol	1.5	2018	2020
VVS229	BMW	X1 sDrive 18i	Petrol	1.5	2015	2018
VVS229	BMW	X1 sDrive 18i	Petrol	1.5	2017	
VVS229	BMW	X1 sDrive 18i	Petrol	1.5	2017	
VVS229	BMW	X1 sDrive 20i	Petrol	2.0	2015	
VVS229	BMW	X1 sDrive 20i	Petrol	2.0	2017	
VVS229	BMW	X1 xDrive 20i	Petrol	2.0	2015	
VVS229	BMW	X1 xDrive 25e	Plug-in Hybrid/petrol	1.5	2020	
VVS229	BMW	X1 xDrive 25i	Petrol	2.0	2015	
VVS229	BMW	X2 sDrive 18i	Petrol	1.5	2018	
VVS229	BMW	X2 sDrive 18i	Petrol	1.5	2018	
VVS229	BMW	X2 sDrive 20i	Petrol	2.0	2017	
VVS229	BMW	X2 sDrive 20i	Petrol	2.0	2020	
VVS229	BMW	X2 xDrive 20i	Petrol	2.0	2018	
VVS229	BMW	X2 xDrive M35i	Petrol	2.0	2018	
VVS229	BMW	X3 M	Petrol	3.0	2019	
VVS229	BMW	X3 M	Petrol	3.0	2019	
VVS229	BMW	X3 sDrive 20i	Petrol	1.6	2017	
VVS229	BMW	X3 sDrive 20i	Petrol	2.0	2017	
VVS229	BMW	X3 xDrive 20i	Petrol	2.0	2017	
VVS229	BMW	X3 xDrive 20i	Petrol	2.0	2017	
VVS229	BMW	X3 xDrive 30e	Plug-in Hybrid/petrol	2.0	2019	
VVS229	BMW	X3 xDrive 30e	Plug-in Hybrid/petrol	2.0	2019	
VVS229	BMW	X3 xDrive 30i	Petrol	2.0	2017	
VVS229	BMW	X3 xDrive 30i	Petrol	2.0	2017	
VVS229	BMW	X3 xDrive 30i	Petrol	2.0	2017	

VVS229

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS229

VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS229	BMW	X3 xDrive M40i	Petrol	3.0	2017	2019
VVS229	BMW	X3 xDrive M40i	Petrol	3.0	2017	2019
VVS229	BMW	X3 xDrive M40i	Petrol	3.0	2018	2019
VVS229	BMW	X3 xDrive M40i	Petrol	3.0	2019	
VVS229	BMW	X3 xDrive M40i	Petrol	3.0	2019	
VVS229	BMW	X4 M	Petrol	3.0	2019	
VVS229	BMW	X4 M	Petrol	3.0	2019	
VVS229	BMW	X4 xDrive 20i	Petrol	2.0	2018	
VVS229	BMW	X4 xDrive 30i	Petrol	2.0	2018	
VVS229	BMW	X4 xDrive 30i	Petrol	2.0	2018	
VVS229	BMW	X4 xDrive M40i	Petrol	3.0	2018	2019
VVS229	BMW	X4 xDrive M40i	Petrol	3.0	2018	2019
VVS229	BMW	X5 M50i xDrive	Petrol	4.4	2019	
VVS229	BMW	X5 xDrive 40i	Petrol	3.0	2018	
VVS229	BMW	X5 xDrive 40i	Petrol	3.0	2019	
VVS229	BMW	X5 xDrive 45e	Plug-in Hybrid/petrol	3.0	2019	
VVS229	BMW	X5 xDrive 45e	Plug-in Hybrid/petrol	3.0	2019	
VVS229	BMW	X5 xDrive 50i	Petrol	4.4	2018	
VVS229	BMW	X6 xDrive 40i	Petrol	3.0	2019	
VVS229	BMW	X6 xDrive M50i	Petrol	4.4	2019	
VVS229	BMW	X7 xDrive 40i	Petrol	3.0	2019	
VVS229	BMW	X7 xDrive M50i	Petrol	4.4	2019	
VVS229	BMW	Z4 M40i Cabrio	Petrol	3.0	2018	
VVS229	BMW	Z4 sDrive 20i Cabrio	Petrol	2.0	2018	
VVS229	BMW	Z4 sDrive 20i Cabrio	Petrol	2.0	2018	
VVS229	BMW	Z4 sDrive 25i Cabrio	Petrol	2.0	2019	
VVS229	BMW	Z4 sDrive 30i Cabrio	Petrol	2.0	2018	
VVS229	MINI	Mini Clubman	Petrol	1.5	2015	
VVS229	MINI	Mini Clubman	Petrol	1.5	2015	
VVS229	MINI	Mini Clubman	Petrol	2.0	2014	
VVS229	MINI	Mini Clubman	Petrol	2.0	2014	
VVS229	MINI	Mini Clubman	Petrol	2.0	2014	
VVS229	MINI	Mini Clubman	Petrol	2.0	2014	
VVS229	MINI	Mini Cooper	Petrol	1.5	2013	
VVS229	MINI	Mini Cooper	Petrol	1.5	2015	
VVS229	MINI	Mini Cooper	Petrol	2.0	2013	
VVS229	MINI	Mini Cooper	Petrol	2.0	2013	
VVS229	MINI	Mini Cooper	Petrol	2.0	2014	
VVS229	MINI	Mini Cooper	Petrol	2.0	2014	
VVS229	MINI	Mini Cooper	Petrol	2.0	2015	
VVS229	MINI	Mini Cooper	Petrol	2.0	2015	2019
VVS229	MINI	Mini Clubman	Petrol	2.0	2016	
VVS229	MINI	Mini Cooper	Petrol	1.5	2013	
VVS229	MINI	Mini Cooper	Petrol	1.5	2015	
VVS229	MINI	Mini Cooper	Petrol	2.0	2013	
VVS229	MINI	Mini Cooper	Petrol	2.0	2013	
VVS229	MINI	Mini Cooper	Petrol	2.0	2014	
VVS229	MINI	Mini Cooper	Petrol	2.0	2014	
VVS229	MINI	Mini Cooper	Petrol	2.0	2015	
VVS229	MINI	Mini Cooper	Petrol	2.0	2015	
VVS229	MINI	Mini Cooper	Petrol	2.0	2015	
VVS229	MINI	Mini Cooper	Petrol	2.0	2015	
VVS229	MINI	Mini Cooper	Petrol	2.0	2016	
VVS229	MINI	Mini Cooper	Petrol	2.0	2016	
VVS229	MINI	Mini Countryman	Petrol	1.5	2016	
VVS229	MINI	Mini Countryman	Petrol	1.5	2016	
VVS229	MINI	Mini Countryman	Petrol	1.5	2017	
VVS229	MINI	Mini Countryman	Petrol	2.0	2016	
VVS229	MINI	Mini Countryman	Petrol	2.0	2016	
VVS229	MINI	Mini Countryman	Petrol	2.0	2016	
VVS229	MINI	Mini Countryman	Petrol	2.0	2016	
VVS229	MINI	Mini Countryman	Petrol	2.0	2017	
VVS229	MINI	Mini Countryman	Petrol	2.0	2020	
VVS229	MINI	Mini Countryman	Petrol	2.0	2020	
VVS229	MINI	Mini Countryman	Plug-in Hybrid/petrol	1.5	2017	
VVS229	MINI	Mini One	Petrol	1.2	2014	2017
VVS229	MINI	Mini One	Petrol	1.2	2014	2017
VVS229	MINI	Mini One	Petrol	1.2	2016	2017

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS229	MINI	Mini One	Petrol	1.5	2017	
VVS229	MINI	Mini One	Petrol	1.5	2017	
VVS229	MINI	Mini One	Petrol	1.5	2017	
VVS236						
VVS236	AUDI	A4	Petrol	2.4	1997	2000
VVS236	AUDI	A4	Petrol	2.4	1997	2001
VVS236	AUDI	A4	Petrol	2.4	2001	2004
VVS236	AUDI	A4	Petrol	2.4	2001	2004
VVS236	AUDI	A4	Petrol	2.4	2001	2004
VVS236	AUDI	A4	Petrol	2.8	1996	2000
VVS236	AUDI	A4	Petrol	2.8	1996	2000
VVS236	AUDI	A4 Cabrio	Petrol	2.4	2002	2005
VVS236	AUDI	A4 Cabrio	Petrol	2.4	2003	2005
VVS236	AUDI	A4 Quattro	Petrol	2.8	1996	2001
VVS236	AUDI	A4 Quattro	Petrol	2.8	1996	2001
VVS236	AUDI	A6	Petrol	2.4	1997	2001
VVS236	AUDI	A6	Petrol	2.4	1997	2004
VVS236	AUDI	A6	Petrol	2.4	1997	2004
VVS236	AUDI	A6	Petrol	2.4	1997	2005
VVS236	AUDI	A6	Petrol	2.4	1998	2001
VVS236	AUDI	A6	Petrol	2.4	1998	2005
VVS236	AUDI	A6	Petrol	2.4	1998	2001
VVS236	AUDI	A6	Petrol	2.4	1998	2001
VVS236	AUDI	A6	Petrol	2.7	1999	2000
VVS236	AUDI	A6	Petrol	2.7	1999	2000
VVS236	AUDI	A6	Petrol	2.8	1995	1997
VVS236	AUDI	A6	Petrol	2.8	1995	1997
VVS236	AUDI	A6	Petrol	2.8	1997	2001
VVS236	AUDI	A6	Petrol	2.8	1997	2001
VVS236	AUDI	A6	Petrol	2.8	1997	2000
VVS236	AUDI	A6	Petrol	2.8	1997	2000
VVS236	AUDI	A6	Petrol	2.8	1999	2001
VVS236	AUDI	A6	Petrol	2.8	1999	2001
VVS236	AUDI	A6	Petrol	2.8	1999	2001
VVS236	AUDI	A6 Quattro	Petrol	2.4	1997	2001
VVS236	AUDI	A6 Quattro	Petrol	2.4	1997	2001
VVS236	AUDI	A6 Quattro	Petrol	2.4	1997	2001
VVS236	AUDI	A6 Quattro	Petrol	2.4	1997	2001
VVS236	AUDI	A6 Quattro	Petrol	2.4	1998	2001
VVS236	AUDI	A6 Quattro	Petrol	2.4	1998	2001
VVS236	AUDI	A6 Quattro	Petrol	2.7	1999	2001
VVS236	AUDI	A6 Quattro	Petrol	2.7	2001	2005
VVS236	AUDI	A6 Quattro	Petrol	2.7	2001	2005
VVS236	AUDI	A6 Quattro	Petrol	2.8	1995	1997
VVS236	AUDI	A6 Quattro	Petrol	2.8	1995	1997
VVS236	AUDI	A6 Quattro	Petrol	2.8	1997	2001
VVS236	AUDI	A6 Quattro	Petrol	2.8	1997	2001
VVS236	AUDI	A6 Quattro	Petrol	2.8	1998	2001
VVS236	AUDI	A6 Quattro	Petrol	2.8	1998	2001
VVS236	AUDI	A6 Quattro	Petrol	2.8	1998	2001
VVS236	AUDI	A6 Quattro	Petrol	2.7	1999	2001
VVS236	AUDI	A6 Quattro	Petrol	2.7	2001	2005
VVS236	AUDI	A6 Quattro	Petrol	2.7	2001	2005
VVS236	AUDI	A6 Quattro	Petrol	2.8	1995	1997
VVS236	AUDI	A6 Quattro	Petrol	2.8	1995	1997
VVS236	AUDI	A6 Quattro	Petrol	2.8	1997	2001
VVS236	AUDI	A6 Quattro	Petrol	2.8	1997	2001
VVS236	AUDI	A6 Quattro	Petrol	2.8	1998	2001
VVS236	AUDI	A6 Quattro	Petrol	2.8	1998	2001
VVS236	AUDI	A6 Quattro	Petrol	2.8	1998	2001
VVS236	AUDI	A6 Quattro	Petrol	2.8	1998	2001
VVS236	AUDI	A8	Petrol	2.8	1996	2002
VVS236	AUDI	A8 Quattro	Petrol	2.8	1995	2002
VVS236	SKODA	Superb	Petrol	2.8	2001	2008
VVS236	SKODA	Superb	Petrol	2.8	2002	2008
VVS236	VW	Passat	Petrol	2.8	1997	1999
VVS236	VW	Passat	Petrol	2.8	1997	2000
VVS236	VW	Passat	Petrol	2.8	1997	2000
VVS236	VW	Passat	Petrol	2.8	1999	2000
VVS236	VW	Passat	Petrol	2.8	2000	2005

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VARIABLE VALVE TIMING SOLENOIDS



VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS236	VW	Passat	Petrol	2.8	2000	2005
VVS236	VW	Passat	Petrol	2.8	2000	2005
VVS236	VW	Passat	Petrol	2.8	2000	2005
VVS236	VW	Passat Estate/Variant	Petrol	2.8	1997	1999
VVS236	VW	Passat Estate/Variant	Petrol	2.8	1997	2000
VVS236	VW	Passat Estate/Variant	Petrol	2.8	1999	2000
VVS236	VW	Passat Estate/Variant	Petrol	2.8	1999	2000
VVS236	VW	Passat Estate/Variant	Petrol	2.8	2000	2005
VVS236	VW	Passat Estate/Variant	Petrol	2.8	2000	2005
VVS236	VW	Passat Estate/Variant	Petrol	2.8	2000	2005
VVS236	VW	Passat Estate/Variant	Petrol	2.8	2000	2005
VVS237	JAGUAR	F-Pace	Petrol	2.0	2016	
VVS237	JAGUAR	F-Pace	Petrol	2.0	2017	
VVS237	JAGUAR	F-Pace	Petrol	2.0	2017	
VVS237	JAGUAR	F-Pace	Petrol	2.0	2017	
VVS237	JAGUAR	XE	Petrol	2.0	2015	
VVS237	JAGUAR	XE	Petrol	2.0	2015	
VVS237	JAGUAR	XE	Petrol	2.0	2017	
VVS237	JAGUAR	XE	Petrol	2.0	2017	
VVS237	JAGUAR	XE	Petrol	2.0	2017	
VVS237	JAGUAR	XE	Petrol	2.0	2017	
VVS237	JAGUAR	XE	Petrol	2.0	2017	
VVS237	JAGUAR	XF	Petrol	2.0	2012	2015
VVS237	JAGUAR	XF	Petrol	2.0	2015	
VVS237	JAGUAR	XF	Petrol	2.0	2017	
VVS237	JAGUAR	XF	Petrol	2.0	2017	
VVS237	JAGUAR	XF	Petrol	2.0	2017	
VVS237	JAGUAR	XF	Petrol	2.0	2017	
VVS237	JAGUAR	XF Sportbrake	Petrol	2.0	2017	
VVS237	JAGUAR	XF Sportbrake	Petrol	2.0	2017	
VVS237	JAGUAR	XF Sportbrake	Petrol	2.0	2018	
VVS237	JAGUAR	XJ	Petrol	2.0	2012	
VVS237	LAND ROVER	Discovery Sport	Petrol	2.0	2014	
VVS237	LAND ROVER	Discovery Sport	Petrol	2.0	2017	
VVS237	LAND ROVER	Discovery Sport	Petrol	2.0	2017	
VVS237	LAND ROVER	Discovery Sport	Petrol	2.0	2017	
VVS237	LAND ROVER	Discovery Sport	Petrol	2.0	2017	
VVS237	LAND ROVER	Discovery Sport	Petrol	2.0	2019	
VVS237	LAND ROVER	Discovery Sport	Petrol	2.0	2020	
VVS237	LAND ROVER	Discovery Sport	Bio (ethanol) petrol or Methanol	2.0	2018	
VVS237	LAND ROVER	Range Rover Evoque	Petrol	2.0	2011	2019
VVS237	LAND ROVER	Range Rover Evoque	Petrol	2.0	2011	2019
VVS237	LAND ROVER	Range Rover Evoque	Petrol	2.0	2013	2019
VVS237	LAND ROVER	Range Rover Evoque	Petrol	2.0	2015	2019
VVS237	LAND ROVER	Range Rover Evoque	Petrol	2.0	2017	2019
VVS237	LAND ROVER	Range Rover Evoque	Petrol	2.0	2017	2019
VVS237	LAND ROVER	Range Rover Evoque	Petrol	2.0	2017	2019
VVS237	LAND ROVER	Freelander	Petrol	2.0	2011	2014
VVS237	LAND ROVER	LR2	Petrol	2.0	2011	2014
VVS237	LAND ROVER	Range Rover Sport	Petrol	2.0	2017	
VVS263						
VVS263	AUDI	A1	Petrol	1.8	2015	2018
VVS263	AUDI	A1 Sportback	Petrol	1.8	2015	2018
VVS263	AUDI	A1 Sportback	Petrol	2.0	2018	
VVS263	AUDI	S1 Quattro	Petrol	2.0	2014	2018
VVS263	AUDI	S1 Sportback Quattro	Petrol	2.0	2014	2018
VVS263	AUDI	A3	Petrol	1.8	2012	2016

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VARIABLE VALVE TIMING SOLENOIDS



VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS263	AUDI	A3	Petrol	1.8	2013	2016
VVS263	AUDI	A3	Petrol	1.8	2013	2016
VVS263	AUDI	A3	Petrol	2.0	2015	2016
VVS263	AUDI	A3	Petrol	2.0	2016	
VVS263	AUDI	A3	Petrol	2.0	2016	
VVS263	AUDI	A3 Cabrio	Petrol	1.8	2013	2016
VVS263	AUDI	A3 Cabrio	Petrol	1.8	2014	2016
VVS263	AUDI	A3 Cabrio	Petrol	2.0	2016	
VVS263	AUDI	A3 Cabrio Quattro	Petrol	1.8	2014	2016
VVS263	AUDI	A3 Cabrio Quattro	Petrol	2.0	2016	
VVS263	AUDI	A3 Cabrio Quattro	Petrol	2.0	2016	
VVS263	AUDI	A3 Quattro	Petrol	1.8	2012	2016
VVS263	AUDI	A3 Quattro	Petrol	1.8	2013	2016
VVS263	AUDI	A3 Quattro	Petrol	2.0	2016	
VVS263	AUDI	A3 Quattro	Petrol	2.0	2016	
VVS263	AUDI	A3 Sportback	Petrol	1.8	2012	2016
VVS263	AUDI	A3 Sportback	Petrol	2.0	2015	2016
VVS263	AUDI	A3 Sportback	Petrol	2.0	2016	
VVS263	AUDI	A3 Sportback Quattro	Petrol	1.8	2013	2016
VVS263	AUDI	A3 Sportback Quattro	Petrol	2.0	2016	
VVS263	AUDI	RS3 Sportback Quattro	Petrol	2.5	2015	2016
VVS263	AUDI	S3 Cabrio Quattro	Petrol	2.0	2014	
VVS263	AUDI	S3 Cabrio Quattro	Petrol	2.0	2014	2016
VVS263	AUDI	S3 Cabrio Quattro	Petrol	2.0	2016	
VVS263	AUDI	S3 Cabrio Quattro	Petrol	2.0	2016	
VVS263	AUDI	S3 Quattro	Petrol	2.0	2012	2014
VVS263	AUDI	S3 Quattro	Petrol	2.0	2012	2016
VVS263	AUDI	S3 Quattro	Petrol	2.0	2013	
VVS263	AUDI	S3 Quattro	Petrol	2.0	2013	2014
VVS263	AUDI	S3 Quattro	Petrol	2.0	2014	2016
VVS263	AUDI	S3 Quattro	Petrol	2.0	2014	2016
VVS263	AUDI	S3 Quattro	Petrol	2.0	2016	
VVS263	AUDI	S3 Quattro	Petrol	2.0	2016	
VVS263	AUDI	S3 Quattro	Petrol	2.0	2016	
VVS263	AUDI	S3 Quattro	Petrol	2.0	2016	
VVS263	AUDI	S3 Sportback Quattro	Petrol	2.0	2012	2014
VVS263	AUDI	S3 Sportback Quattro	Petrol	2.0	2013	
VVS263	AUDI	S3 Sportback Quattro	Petrol	2.0	2014	2016
VVS263	AUDI	S3 Sportback Quattro	Petrol	2.0	2016	
VVS263	AUDI	S3 Sportback Quattro	Petrol	2.0	2016	
VVS263	AUDI	A4	Petrol	1.8	2011	2015
VVS263	AUDI	A4	Petrol	1.8	2011	2015
VVS263	AUDI	A4	Petrol	2.0	2015	2019
VVS263	AUDI	A4	Petrol	2.0	2015	2019
VVS263	AUDI	A4	Petrol	2.0	2015	2019
VVS263	AUDI	A4	Petrol	2.0	2016	2019
VVS263	AUDI	A4	Petrol	2.0	2016	2019
VVS263	AUDI	A4	CNG (with or without Petrol)	2.0	2016	2019
VVS263	AUDI	A4	Mild Hybrid/petrol	2.0	2017	
VVS263	AUDI	A4	Mild Hybrid/petrol	2.0	2017	
VVS263	AUDI	A4	Mild Hybrid/petrol	2.0	2017	2019
VVS263	AUDI	A4	Mild Hybrid/petrol	2.0	2017	2019
VVS263	AUDI	A4	Mild Hybrid/petrol	2.0	2018	2019
VVS263	AUDI	A4	Mild Hybrid/petrol	2.0	2018	2019
VVS263	AUDI	A4	Mild Hybrid/petrol	2.0	2018	2019
VVS263	AUDI	A4	Mild Hybrid/petrol	2.0	2018	2019
VVS263	AUDI	A4 Allroad Quattro	Petrol	2.0	2016	2019
VVS263	AUDI	A4 Allroad Quattro	Petrol	2.0	2016	2019
VVS263	AUDI	A4 Allroad Quattro	Mild Hybrid/petrol	2.0	2018	
VVS263	AUDI	A4 Allroad Quattro	Mild Hybrid/petrol	2.0	2018	2019

VVS263

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS263

VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS263	AUDI	A4 Quattro	Petrol	1.8	2011	2015
VVS263	AUDI	A4 Quattro	Petrol	1.8	2011	2015
VVS263	AUDI	A4 Quattro	Petrol	2.0	2015	2019
VVS263	AUDI	A4 Quattro	Petrol	2.0	2015	2019
VVS263	AUDI	A4 Quattro	Petrol	2.0	2015	2019
VVS263	AUDI	A4 Quattro	Petrol	2.0	2015	2019
VVS263	AUDI	A4 Quattro	Mild Hybrid/petrol	2.0	2017	2019
VVS263	AUDI	A4 Quattro	Mild Hybrid/petrol	2.0	2017	2019
VVS263	AUDI	A4 Quattro	Mild Hybrid/petrol	2.0	2018	
VVS263	AUDI	A4 Quattro	Mild Hybrid/petrol	2.0	2018	
VVS263	AUDI	A5	Petrol	1.8	2015	2017
VVS263	AUDI	A5	Petrol	2.0	2013	2016
VVS263	AUDI	A5	Petrol	2.0	2015	2017
VVS263	AUDI	A5	Petrol	2.0	2016	2020
VVS263	AUDI	A5	Petrol	2.0	2016	2020
VVS263	AUDI	A5	Mild Hybrid/petrol	2.0	2017	
VVS263	AUDI	A5	Mild Hybrid/petrol	2.0	2017	2020
VVS263	AUDI	A5	Mild Hybrid/petrol	2.0	2020	
VVS263	AUDI	A5 Cabrio	Petrol	1.8	2011	2016
VVS263	AUDI	A5 Cabrio	Petrol	1.8	2015	2017
VVS263	AUDI	A5 Cabrio	Petrol	2.0	2013	2016
VVS263	AUDI	A5 Cabrio	Petrol	2.0	2015	2017
VVS263	AUDI	A5 Cabrio	Petrol	2.0	2017	2019
VVS263	AUDI	A5 Cabrio	Petrol	2.0	2017	2019
VVS263	AUDI	A5 Cabrio	Mild Hybrid/petrol	2.0	2017	
VVS263	AUDI	A5 Cabrio Quattro	Petrol	2.0	2013	2016
VVS263	AUDI	A5 Cabrio Quattro	Petrol	2.0	2015	2017
VVS263	AUDI	A5 Cabrio Quattro	Petrol	2.0	2016	
VVS263	AUDI	A5 Cabrio Quattro	Mild Hybrid/petrol	2.0	2017	2019
VVS263	AUDI	A5 Cabrio Quattro	Mild Hybrid/petrol	2.0	2020	
VVS263	AUDI	A5 Quattro	Petrol	2.0	2013	2016
VVS263	AUDI	A5 Quattro	Petrol	2.0	2015	2017
VVS263	AUDI	A5 Quattro	Petrol	2.0	2016	
VVS263	AUDI	A5 Quattro	Mild Hybrid/petrol	2.0	2017	2020
VVS263	AUDI	A5 Sportback	Petrol	1.8	2011	2017
VVS263	AUDI	A5 Sportback	Petrol	1.8	2015	2017
VVS263	AUDI	A5 Sportback	Petrol	2.0	2013	2016
VVS263	AUDI	A5 Sportback	Petrol	2.0	2015	2017
VVS263	AUDI	A5 Sportback	Petrol	2.0	2016	2020
VVS263	AUDI	A5 Sportback	Petrol	2.0	2017	2020
VVS263	AUDI	A5 Sportback	Mild Hybrid/petrol	2.0	2017	
VVS263	AUDI	A5 Sportback	Mild Hybrid/petrol	2.0	2017	2020
VVS263	AUDI	A5 Sportback	Mild Hybrid/petrol	2.0	2020	
VVS263	AUDI	A5 Sportback Quattro	Petrol	2.0	2013	2016
VVS263	AUDI	A5 Sportback Quattro	Petrol	2.0	2015	2017
VVS263	AUDI	A5 Sportback Quattro	Petrol	2.0	2016	
VVS263	AUDI	A5 Sportback Quattro	Mild Hybrid/petrol	2.0	2017	2020
VVS263	AUDI	A6	Petrol	1.8	2014	2018
VVS263	AUDI	A6	Petrol	2.0	2014	2018
VVS263	AUDI	A6	Petrol	2.0	2014	2018
VVS263	AUDI	A6 Quattro	Petrol	2.0	2014	2018
VVS263	AUDI	A6 Quattro	Petrol	2.0	2015	2018
VVS263	AUDI	A6 Quattro	Petrol	2.0	2015	2018
VVS263	AUDI	A6 Quattro	Petrol	2.0	2015	2018
VVS263	AUDI	A7 Sportback	Petrol	1.8	2015	2018
VVS263	AUDI	A7 Sportback	Petrol	2.0	2014	2018
VVS263	AUDI	A7 Sportback Quattro	Petrol	2.0	2015	2018

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS263	AUDI	A7 Sportback Quattro	Petrol	2.0	2015	2018
VVS263	AUDI	A8 Quattro	Petrol	2.0	2016	2018
VVS263	AUDI	Q2 Quattro	Petrol	2.0	2017	
VVS263	AUDI	Q3 Quattro	Petrol	2.0	2018	
VVS263	AUDI	Q3 Quattro	Petrol	2.0	2018	
VVS263	AUDI	Q3 Sportback Quattro	Petrol	2.0	2019	
VVS263	AUDI	Q3 Sportback Quattro	Petrol	2.0	2019	
VVS263	AUDI	Q5 Quattro	Petrol	2.0	2009	2017
VVS263	AUDI	Q5 Quattro	Petrol	2.0	2012	2016
VVS263	AUDI	Q5 Quattro	Petrol	2.0	2015	2017
VVS263	AUDI	Q5 Quattro	Petrol	2.0	2016	2020
VVS263	AUDI	Q5 Quattro	Petrol	2.0	2017	2020
VVS263	AUDI	Q5 Quattro	Mild Hybrid/petrol	2.0	2018	
VVS263	AUDI	TT	Petrol	2.0	2018	
VVS263	AUDI	TT	Petrol	2.0	2018	
VVS263	AUDI	TT	Petrol	2.0	2018	
VVS263	AUDI	TT Quattro	Petrol	2.0	2015	
VVS263	AUDI	TT Quattro	Petrol	2.0	2018	
VVS263	AUDI	TT Quattro	Petrol	2.0	2018	
VVS263	AUDI	TTS Quattro	Petrol	2.0	2014	
VVS263	AUDI	TTS Quattro	Petrol	2.0	2014	
VVS263	AUDI	TTS Quattro	Petrol	2.0	2015	
VVS263	AUDI	TTS Quattro	Petrol	2.0	2015	
VVS263	AUDI	TTS Quattro	Petrol	2.0	2015	
VVS263	SEAT	Alhambra	Petrol	2.0	2015	
VVS263	SEAT	Ateca	Petrol	2.0	2017	
VVS263	SEAT	Ibiza SC	Petrol	1.8	2015	2016
VVS263	SEAT	Leon	Petrol	1.8	2013	
VVS263	SEAT	Leon	Petrol	1.8	2013	
VVS263	SEAT	Leon	Petrol	2.0	2013	
VVS263	SEAT	Leon	Petrol	2.0	2013	
VVS263	SEAT	Leon	Petrol	2.0	2015	
VVS263	SEAT	Leon	Petrol	2.0	2015	2016
VVS263	SEAT	Leon	Petrol	2.0	2017	
VVS263	SEAT	Leon	Petrol	2.0	2018	
VVS263	SEAT	Leon SC	Petrol	1.8	2013	2018
VVS263	SEAT	Leon SC	Petrol	2.0	2013	2016
VVS263	SEAT	Leon SC	Petrol	2.0	2013	2016
VVS263	SEAT	Leon SC	Petrol	2.0	2015	2016
VVS263	SEAT	Leon SC	Petrol	2.0	2017	2018
VVS263	SEAT	Leon ST	Petrol	1.8	2013	
VVS263	SEAT	Leon ST	Petrol	1.8	2013	
VVS263	SEAT	Leon ST	Petrol	1.8	2014	
VVS263	SEAT	Leon ST	Petrol	2.0	2013	
VVS263	SEAT	Leon ST	Petrol	2.0	2013	
VVS263	SEAT	Leon ST	Petrol	2.0	2013	
VVS263	SEAT	Leon ST	Petrol	2.0	2015	
VVS263	SEAT	Leon ST	Petrol	2.0	2016	
VVS263	SEAT	Leon ST	Petrol	2.0	2017	
VVS263	SEAT	Leon ST	Petrol	2.0	2018	
VVS263	SEAT	Leon ST	Petrol	2.0	2018	
VVS263	SEAT	Tarraco	Petrol	2.0	2018	
VVS263	SKODA	Karoq	Petrol	2.0	2019	
VVS263	SKODA	Kodiaq	Petrol	2.0	2016	
VVS263	SKODA	Kodiaq	Petrol	2.0	2019	
VVS263	SKODA	Kodiaq Scout	Petrol	2.0	2017	

VVS263

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS263

VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS263	SKODA	Kodiaq Scout	Petrol	2.0	2019	
VVS263	SKODA	Octavia	Petrol	1.8	2012	
VVS263	SKODA	Octavia	Petrol	1.8	2012	
VVS263	SKODA	Octavia	Petrol	1.8	2013	
VVS263	SKODA	Octavia	Petrol	1.8	2014	
VVS263	SKODA	Octavia	Petrol	2.0	2012	
VVS263	SKODA	Octavia	Petrol	2.0	2013	
VVS263	SKODA	Octavia	Petrol	2.0	2015	
VVS263	SKODA	Octavia	Petrol	2.0	2015	
VVS263	SKODA	Octavia	Petrol	2.0	2017	
VVS263	SKODA	Octavia	Petrol	2.0	2017	
VVS263	SKODA	Octavia	Petrol	2.0	2017	
VVS263	SKODA	Octavia	Petrol	2.0	2019	
VVS263	SKODA	Octavia Scout	Petrol	1.8	2013	
VVS263	SKODA	Octavia Scout	Petrol	2.0	2019	
VVS263	SKODA	Superb	Petrol	1.8	2015	
VVS263	SKODA	Superb	Petrol	1.8	2015	
VVS263	SKODA	Superb	Petrol	2.0	2015	
VVS263	SKODA	Superb	Petrol	2.0	2015	
VVS263	SKODA	Superb	Petrol	2.0	2015	
VVS263	SKODA	Superb	Petrol	2.0	2015	
VVS263	SKODA	Superb	Petrol	2.0	2015	
VVS263	SKODA	Superb	Petrol	2.0	2015	
VVS263	SKODA	Arteon	Petrol	2.0	2017	
VVS263	VW	Arteon	Petrol	2.0	2017	
VVS263	VW	Arteon	Petrol	2.0	2018	
VVS263	VW	Arteon Shooting Brake	Petrol	2.0	2020	
VVS263	VW	Arteon Shooting Brake	Petrol	2.0	2020	
VVS263	VW	Beetle	Petrol	2.0	2012	2016
VVS263	VW	Beetle	Petrol	2.0	2014	2018
VVS263	VW	Beetle	Petrol	2.0	2014	2018
VVS263	VW	Golf	Petrol	2.0	2013	
VVS263	VW	Golf	Petrol	2.0	2013	
VVS263	VW	Golf	Petrol	2.0	2013	
VVS263	VW	Golf	Petrol	2.0	2013	
VVS263	VW	Golf	Petrol	2.0	2013	
VVS263	VW	Golf	Petrol	2.0	2013	
VVS263	VW	Golf	Petrol	2.0	2013	
VVS263	VW	Golf	Petrol	2.0	2015	
VVS263	VW	Golf	Petrol	2.0	2016	
VVS263	VW	Golf	Petrol	2.0	2016	
VVS263	VW	Golf	Petrol	2.0	2017	
VVS263	VW	Golf	Petrol	2.0	2018	
VVS263	VW	Golf Alltrack	Petrol	1.8	2014	
VVS263	VW	Golf Estate/Variant	Petrol	1.8	2016	
VVS263	VW	Golf Estate/Variant	Petrol	2.0	2015	
VVS263	VW	Golf Estate/Variant	Petrol	2.0	2016	
VVS263	VW	Golf Estate/Variant	Petrol	2.0	2016	
VVS263	VW	Jetta	Petrol	1.8	2014	
VVS263	VW	Jetta	Petrol	2.0	2012	2017
VVS263	VW	Passat	Petrol	2.0	2018	
VVS263	VW	Passat	Petrol	2.0	2018	
VVS263	VW	Passat Alltrack	Petrol	2.0	2018	
VVS263	VW	Passat Estate/Variant	Petrol	2.0	2018	
VVS263	VW	Passat Estate/Variant	Petrol	2.0	2018	
VVS263	VW	Polo	Petrol	2.0	2017	
VVS263	VW	Tiguan	Petrol	2.0	2016	

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS263	VW	Tiguan	Petrol	2.0	2017	
VVS263	VW	Tiguan	Petrol	2.0	2018	
VVS263	VW	Tiguan	Petrol	2.0	2018	2020
VVS263	VW	Tiguan Allspace	Petrol	2.0	2017	
VVS263	VW	Tiguan Allspace	Petrol	2.0	2017	
VVS263	VW	Tiguan Allspace	Petrol	2.0	2018	
VVS263	VW	Touareg	Petrol	2.0	2018	
VVS263	VW	T-Roc	Petrol	2.0	2017	
VVS263	VW	T-Roc	Petrol	2.0	2019	
VVS264						
VVS264	AUDI	A3 Sportback	Plug-in Hybrid/petrol	1.4	2014	
VVS264	AUDI	A5 Cabrio Quattro	Petrol	3.0	2011	2017
VVS264	AUDI	A5 Quattro	Petrol	3.0	2011	2017
VVS264	AUDI	A5 Sportback Quattro	Petrol	3.0	2011	2017
VVS264	SEAT	Alhambra	Petrol	1.4	2015	
VVS264	SEAT	Alhambra	Petrol	1.4	2015	
VVS264	SEAT	Arona	Petrol	1.6	2017	
VVS264	SEAT	Ateca	Petrol	1.4	2016	
VVS264	SEAT	Ateca	Petrol	1.4	2016	
VVS264	SEAT	Ibiza	Petrol	1.6	2015	2017
VVS264	SEAT	Ibiza	Petrol	1.6	2017	
VVS264	SEAT	Ibiza SC	Petrol	1.6	2015	2016
VVS264	SEAT	Leon	Petrol	1.4	2014	
VVS264	SEAT	Leon	Petrol	1.4	2014	
VVS264	SEAT	Leon	Petrol	1.4	2014	
VVS264	SEAT	Leon	CNG (with or without Petrol)	1.4	2013	
VVS264	SEAT	Leon SC	Petrol	1.4	2014	2018
VVS264	SEAT	Leon SC	Petrol	1.4	2014	2018
VVS264	SEAT	Leon ST	Petrol	1.4	2014	
VVS264	SEAT	Leon ST	Petrol	1.4	2014	
VVS264	SEAT	Leon ST	Petrol	1.4	2014	
VVS264	SEAT	Leon ST	CNG (with or without Petrol)	1.4	2014	
VVS264	VW	Beetle	Petrol	1.4	2014	2018
VVS264	VW	Beetle	Petrol	1.4	2014	2019
VVS264	VW	Caddy	Petrol	1.4	2018	
VVS264	VW	Caddy	Petrol	1.4	2019	
VVS264	VW	Caddy Alltrack	Petrol	1.4	2018	
VVS264	VW	Caddy Alltrack	Petrol	1.4	2019	
VVS264	VW	Caddy Maxi	Petrol	1.4	2018	
VVS264	VW	Caddy Maxi	Petrol	1.4	2019	
VVS264	VW	Golf	Petrol	1.4	2012	
VVS264	VW	Golf	Petrol	1.4	2012	
VVS264	VW	Golf	Petrol	1.4	2014	
VVS264	VW	Golf	Petrol	1.4	2014	
VVS264	VW	Golf	Petrol	1.6	2014	
VVS264	VW	Golf	Plug-in Hybrid/petrol	1.4	2014	
VVS264	VW	Golf	Bio (ethanol) petrol or Methanol	1.4	2014	
VVS264	VW	Golf Cabrio	Petrol	1.4	2013	2016
VVS264	VW	Golf Cabrio	Petrol	1.4	2013	2016
VVS264	VW	Golf Estate/Variant	Petrol	1.4	2013	2017
VVS264	VW	Golf Estate/Variant	Petrol	1.4	2014	
VVS264	VW	Golf Estate/Variant	Petrol	1.4	2014	
VVS264	VW	Golf Estate/Variant	Petrol	1.6	2014	2017
VVS264	VW	Golf Estate/Variant	Bio (ethanol) petrol or Methanol	1.4	2014	2017
VVS264	VW	Golf Sportsvan	Petrol	1.4	2014	
VVS264	VW	Golf Sportsvan	Petrol	1.4	2014	
VVS264	VW	Golf Sportsvan	Petrol	1.6	2014	
VVS264	VW	Golf Sportsvan	Bio (ethanol) petrol or Methanol	1.4	2014	
VVS264	VW	Golf Van (Variant)	Petrol	1.4	2013	2017
VVS264	VW	Jetta	Petrol	1.4	2014	

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS264

VVS266

VVS324

VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS264	VW	Jetta	Petrol	1.4	2014	
VVS264	VW	Jetta	Full Hybrid/petrol	1.4	2012	
VVS264	VW	Passat	Plug-in Hybrid/petrol	1.4	2015	
VVS264	VW	Passat Estate/Variant	Plug-in Hybrid/petrol	1.4	2015	
VVS264	VW	Polo	Petrol	1.4	2016	
VVS264	VW	Sharan	Petrol	1.4	2015	
VVS264	VW	Tiguan	Petrol	1.4	2015	2018
VVS264	VW	Tiguan	Petrol	1.4	2016	2018
VVS264	VW	Tiguan	Petrol	1.4	2016	2018
VVS264	VW	Tiguan	Petrol	1.4	2016	2018
VVS266						
VVS266	AUDI	A4	Diesel	2.7	2007	2012
VVS266	AUDI	A4	Diesel	2.7	2007	2012
VVS266	AUDI	A4	Diesel	2.7	2008	2012
VVS266	AUDI	A4	Diesel	2.7	2008	2012
VVS266	AUDI	A4 Allroad Quattro	Diesel	3.0	2009	2012
VVS266	AUDI	A4 Quattro	Diesel	3.0	2007	2012
VVS266	AUDI	A4 Quattro	Diesel	3.0	2008	2012
VVS266	AUDI	A4 Quattro	Diesel	3.0	2008	2010
VVS266	AUDI	A4 Quattro	Diesel	3.0	2008	2010
VVS266	AUDI	A5	Diesel	2.7	2007	2012
VVS266	AUDI	A5	Diesel	2.7	2007	2012
VVS266	AUDI	A5 Cabrio	Diesel	2.7	2009	2012
VVS266	AUDI	A5 Cabrio	Diesel	2.7	2009	2012
VVS266	AUDI	A5 Cabrio Quattro	Diesel	3.0	2009	2012
VVS266	AUDI	A5 Quattro	Diesel	3.0	2007	2012
VVS266	AUDI	A5 Quattro	Diesel	3.0	2008	2010
VVS266	AUDI	A5 Sportback	Diesel	2.7	2007	2012
VVS266	AUDI	A5 Sportback	Diesel	2.7	2009	2012
VVS266	AUDI	A5 Sportback Quattro	Diesel	3.0	2009	2012
VVS266	AUDI	A6	Diesel	2.7	2005	2009
VVS266	AUDI	A6	Diesel	2.7	2005	2009
VVS266	AUDI	A6	Diesel	2.7	2008	2011
VVS266	AUDI	A6	Diesel	2.7	2008	2011
VVS266	AUDI	A6 Allroad Quattro	Diesel	2.7	2006	2011
VVS266	AUDI	A6 Allroad Quattro	Diesel	2.7	2008	2011
VVS266	AUDI	A6 Allroad Quattro	Diesel	3.0	2008	2011
VVS266	AUDI	A6 Quattro	Diesel	2.7	2005	2011
VVS266	AUDI	A6 Quattro	Diesel	2.7	2005	2011
VVS266	AUDI	A6 Quattro	Diesel	2.7	2008	2011
VVS266	AUDI	A6 Quattro	Diesel	2.7	2008	2011
VVS266	AUDI	A6 Quattro	Diesel	3.0	2008	2011
VVS266	AUDI	A6 Quattro	Diesel	3.0	2008	2011
VVS266	AUDI	Q5 Quattro	Diesel	3.0	2008	2012
VVS266	AUDI	Q5 Quattro	Diesel	3.0	2008	2013
VVS266	AUDI	Q5 Quattro	Diesel	3.0	2008	2017
VVS266	AUDI	Q7 Quattro	Diesel	3.0	2007	2012
VVS266	AUDI	Q7 Quattro	Diesel	3.0	2007	2015
VVS266	AUDI	Q7 Quattro	Diesel	3.0	2009	2012
VVS266	VW	Touareg	Diesel	3.0	2004	2010
VVS266	VW	Touareg	Diesel	3.0	2007	2010
VVS266	VW	Touareg	Diesel	3.0	2010	2014
VVS266	VW	Touareg	Diesel	3.0	2010	2018
VVS266	VW	Touareg	Diesel	3.0	2010	2012
VVS324						
VVS324	HONDA	Civic	Petrol	1.8	2005	2011
VVS324	HONDA	Civic	Petrol	1.8	2005	2013
VVS324	HONDA	CR-V	Petrol	2.0	2006	2012
VVS324	HONDA	CR-V	Petrol	2.0	2007	2012
VVS324	HONDA	FR-V	Petrol	1.8	2007	2009

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS324	HONDA	Civic S	Petrol	1.8	2006	
VVS350						
VVS350	MAZDA	2	Petrol	1.3	2007	2014
VVS350	MAZDA	2	Petrol	1.3	2007	2014
VVS350	MAZDA	2	Petrol	1.3	2010	2015
VVS350	MAZDA	2	Petrol	1.3	2010	2014
VVS350	MAZDA	2	Petrol	1.5	2007	2014
VVS350	MAZDA	2	Petrol	1.5	2007	2014
VVS350	MAZDA	2	Petrol	1.5	2010	2015
VVS350	MAZDA	2	Petrol	1.5	2011	2014
VVS350	MAZDA	3	Petrol	1.6	2008	2014
VVS350	MAZDA	3	Petrol	1.6	2008	2014
VVS350	MAZDA	3	Petrol	1.6	2013	
VVS350	MAZDA	3	Petrol	1.6	2013	
VVS350	MAZDA	3 Sport	Petrol	1.6	2013	2014
VVS364						
VVS364	KIA	Ceed	Petrol	1.4	2018	
VVS364	KIA	Ceed	Petrol	1.4	2018	
VVS364	KIA	Ceed	Petrol	1.4	2018	
VVS364	KIA	Ceed	Petrol	1.4	2018	
VVS364	KIA	Picanto	Petrol	1.0	2017	
VVS364	KIA	Picanto	Petrol	1.0	2017	
VVS364	KIA	Picanto	Petrol	1.0	2017	
VVS364	KIA	Picanto X-Line	Petrol	1.0	2017	
VVS364	KIA	Rio	Petrol	1.4	2017	
VVS364	KIA	Rio	Petrol	1.4	2017	
VVS364	KIA	Rio	Petrol	1.4	2017	
VVS364	KIA	Rio	Petrol	1.4	2017	
VVS364	KIA	Rio X-Line	Petrol	1.4	2017	
VVS364	KIA	Stonic	Petrol	1.4	2017	
VVS366						
VVS366	HYUNDAI	Creta	Petrol	1.4	2020	
VVS366	HYUNDAI	Grand i10	Petrol	1.0	2020	
VVS366	HYUNDAI	i10	Petrol	1.0	2019	
VVS366	HYUNDAI	i20	Petrol	1.0	2015	
VVS366	HYUNDAI	i20	Petrol	1.0	2016	
VVS366	HYUNDAI	i20	Petrol	1.0	2016	
VVS366	HYUNDAI	i20	Petrol	1.0	2016	
VVS366	HYUNDAI	i20	Petrol	1.4	2014	
VVS366	HYUNDAI	i20	Petrol	1.4	2014	
VVS366	HYUNDAI	i20	Petrol	1.4	2015	
VVS366	HYUNDAI	i20	Petrol	1.4	2015	
VVS366	HYUNDAI	i20 Active	Petrol	1.0	2015	
VVS366	HYUNDAI	i20 Active	Petrol	1.0	2015	
VVS366	HYUNDAI	i20 Active	Petrol	1.4	2016	
VVS366	HYUNDAI	i20 Active	Petrol	1.4	2018	
VVS366	HYUNDAI	i20 Cross	Petrol	1.4	2016	
VVS366	HYUNDAI	i20 Elite	Petrol	1.4	2016	
VVS366	HYUNDAI	i30	Petrol	1.0	2016	
VVS366	HYUNDAI	i30	Petrol	1.0	2016	
VVS366	HYUNDAI	i30	Petrol	1.0	2017	
VVS366	HYUNDAI	i30	Petrol	1.0	2017	
VVS366	HYUNDAI	i30	Petrol	1.4	2016	
VVS366	HYUNDAI	i30	Petrol	1.4	2016	
VVS366	HYUNDAI	i30	Petrol	1.4	2016	
VVS366	HYUNDAI	i30	Petrol	1.4	2017	
VVS366	HYUNDAI	i30	Petrol	1.4	2017	
VVS366	HYUNDAI	i30	Petrol	1.4	2017	
VVS366	HYUNDAI	i30	Petrol	1.4	2017	
VVS366	HYUNDAI	i30	Petrol	1.4	2017	
VVS366	HYUNDAI	i30	Petrol	1.4	2017	
VVS366	HYUNDAI	i30	Petrol	1.4	2017	

BY REFERENCE VVS

VARIABLE VALVE TIMING SOLENOIDS



VVS366

VVS	Make	Model	Fuel	Stroke	Year From	Year Till
VVS366	HYUNDAI	i30	Mild Hybrid/petrol	1.0	2020	
VVS366	HYUNDAI	i30	Mild Hybrid/petrol	1.0	2020	
VVS366	HYUNDAI	i30 Fastback	Petrol	1.0	2017	
VVS366	HYUNDAI	i30 Fastback	Petrol	1.4	2017	
VVS366	HYUNDAI	i30 Fastback	Mild Hybrid/petrol	1.0	2020	
VVS366	HYUNDAI	Kona	Full Hybrid/petrol	1.6	2019	
VVS366	HYUNDAI	Kona	Full Hybrid/petrol	1.6	2019	
VVS370						
VVS370	HYUNDAI	Ioniq	Full Hybrid/petrol	1.6	2016	

VVS370

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



Make	Model	Fuel	Stroke	Year From	Year Till	VVS
ALPINA						
ALPINA	B5	Petrol	4.4	2020		VWS229
ALPINA	B5	Petrol	4.4	2020		VWS229
ALPINA	B7	Petrol	4.4	2003	2008	VWS172
ALPINA	Roadster	Petrol	4.8	2002	2003	VWS180
AUDI						
AUDI	A1	Petrol	1.4	2010	2015	VWS212
AUDI	A1	Petrol	1.4	2011	2015	VWS212
AUDI	A1	Petrol	1.8	2015	2018	VWS263
AUDI	A1 Sportback	Petrol	1.4	2011	2015	VWS212
AUDI	A1 Sportback	Petrol	1.4	2011	2015	VWS212
AUDI	A1 Sportback	Petrol	1.8	2015	2018	VWS263
AUDI	A1 Sportback	Petrol	2.0	2018		VWS263
AUDI	A3	Petrol	1.4	2007	2012	VWS212
AUDI	A3	Petrol	1.6	2003	2007	VWS212
AUDI	A3	Petrol	1.8	1996	2006	VWS143
AUDI	A3	Petrol	1.8	1998	2006	VWS143
AUDI	A3	Petrol	1.8	2007	2012	VWS161
AUDI	A3	Petrol	1.8	2012	2016	VWS263
AUDI	A3	Petrol	1.8	2013	2016	VWS263
AUDI	A3	Petrol	1.8	2013	2016	VWS263
AUDI	A3	Petrol	2.0	2004	2012	VWS161
AUDI	A3	Petrol	2.0	2015	2016	VWS263
AUDI	A3	Petrol	2.0	2016		VWS263
AUDI	A3	Petrol	2.0	2016		VWS263
AUDI	A3 Cabrio	Petrol	1.4	2011	2013	VWS212
AUDI	A3 Cabrio	Petrol	1.8	2008	2013	VWS162
AUDI	A3 Cabrio	Petrol	1.8	2013	2016	VWS263
AUDI	A3 Cabrio	Petrol	1.8	2014	2016	VWS263
AUDI	A3 Cabrio	Petrol	2.0	2008	2013	VWS161
AUDI	A3 Cabrio	Petrol	2.0	2016		VWS263
AUDI	A3 Cabrio Quattro	Petrol	1.8	2014	2016	VWS263
AUDI	A3 Cabrio Quattro	Petrol	2.0	2016		VWS263
AUDI	A3 Cabrio Quattro	Petrol	2.0	2016		VWS263
AUDI	A3 Quattro	Petrol	1.8	1997	2003	VWS143
AUDI	A3 Quattro	Petrol	1.8	1998	2003	VWS143
AUDI	A3 Quattro	Petrol	1.8	2008	2012	VWS162
AUDI	A3 Quattro	Petrol	1.8	2012	2016	VWS263
AUDI	A3 Quattro	Petrol	1.8	2013	2016	VWS263
AUDI	A3 Quattro	Petrol	2.0	2004	2012	VWS162
AUDI	A3 Quattro	Petrol	2.0	2016		VWS263
AUDI	A3 Quattro	Petrol	2.0	2016		VWS263
AUDI	A3 Sportback	Petrol	1.4	2007	2013	VWS212
AUDI	A3 Sportback	Petrol	1.6	2004	2007	VWS212
AUDI	A3 Sportback	Petrol	1.8	2007	2013	VWS161
AUDI	A3 Sportback	Petrol	1.8	2012	2016	VWS263
AUDI	A3 Sportback	Petrol	2.0	2004	2013	VWS161
AUDI	A3 Sportback	Petrol	2.0	2015	2016	VWS263
AUDI	A3 Sportback	Petrol	2.0	2016		VWS263
AUDI	A3 Sportback	Plug-in Hybrid/petrol	1.4	2014		VWS264
AUDI	A3 Sportback Quattro	Petrol	1.8	2008	2013	VWS162
AUDI	A3 Sportback Quattro	Petrol	1.8	2013	2016	VWS263
AUDI	A3 Sportback Quattro	Petrol	2.0	2004	2013	VWS162
AUDI	A3 Sportback Quattro	Petrol	2.0	2016		VWS263
AUDI	A4	Petrol	1.8	2000	2004	VWS143
AUDI	A4	Petrol	1.8	2000	2004	VWS143
AUDI	A4	Petrol	1.8	2001	2002	VWS143
AUDI	A4	Petrol	1.8	2002	2004	VWS143
AUDI	A4	Petrol	1.8	2002	2004	VWS143
AUDI	A4	Petrol	1.8	2002	2004	VWS143

ALPINA

AUDI

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



AUDI

Make	Model	Fuel	Stroke	Year From	Year Till	VVS
AUDI	A4	Petrol	1.8	2002	2004	VWS143
AUDI	A4	Petrol	1.8	2004	2008	VWS143
AUDI	A4	Petrol	1.8	2004	2008	VWS143
AUDI	A4	Petrol	1.8	2007	2012	VWS162
AUDI	A4	Petrol	1.8	2007	2012	VWS162
AUDI	A4	Petrol	1.8	2008	2015	VWS162
AUDI	A4	Petrol	1.8	2008	2015	VWS162
AUDI	A4	Petrol	1.8	2011	2015	VWS263
AUDI	A4	Petrol	1.8	2011	2015	VWS263
AUDI	A4	Petrol	2.0	2004	2007	VWS176
AUDI	A4	Petrol	2.0	2004	2008	VWS176
AUDI	A4	Petrol	2.0	2008	2013	VWS162
AUDI	A4	Petrol	2.0	2008	2015	VWS162
AUDI	A4	Petrol	2.0	2008	2015	VWS162
AUDI	A4	Petrol	2.0	2008	2015	VWS162
AUDI	A4	Petrol	2.0	2008	2015	VWS162
AUDI	A4	Petrol	2.0	2013	2015	VWS162
AUDI	A4	Petrol	2.0	2015	2019	VWS263
AUDI	A4	Petrol	2.0	2015	2019	VWS263
AUDI	A4	Petrol	2.0	2015	2019	VWS263
AUDI	A4	Petrol	2.0	2015	2019	VWS263
AUDI	A4	Petrol	2.0	2016	2019	VWS263
AUDI	A4	Petrol	2.0	2016	2019	VWS263
AUDI	A4	Petrol	2.4	1997	2000	VWS236
AUDI	A4	Petrol	2.4	1997	2001	VWS236
AUDI	A4	Petrol	2.4	2001	2004	VWS236
AUDI	A4	Petrol	2.4	2001	2004	VWS236
AUDI	A4	Petrol	2.4	2001	2004	VWS236
AUDI	A4	Petrol	2.8	1996	2000	VWS236
AUDI	A4	Petrol	2.8	1996	2000	VWS236
AUDI	A4	Diesel	2.7	2007	2012	VWS266
AUDI	A4	Diesel	2.7	2007	2012	VWS266
AUDI	A4	Diesel	2.7	2008	2012	VWS266
AUDI	A4	Diesel	2.7	2008	2012	VWS266
AUDI	A4	CNG (with or without Petrol)	2.0	2016	2019	VWS263
AUDI	A4	Mild Hybrid/petrol	2.0	2017		VWS263
AUDI	A4	Mild Hybrid/petrol	2.0	2017		VWS263
AUDI	A4	Mild Hybrid/petrol	2.0	2017	2019	VWS263
AUDI	A4	Mild Hybrid/petrol	2.0	2017	2019	VWS263
AUDI	A4	Mild Hybrid/petrol	2.0	2018	2019	VWS263
AUDI	A4	Mild Hybrid/petrol	2.0	2018	2019	VWS263
AUDI	A4	Mild Hybrid/petrol	2.0	2018		VWS263
AUDI	A4	Mild Hybrid/petrol	2.0	2018		VWS263
AUDI	A4 Allroad Quattro	Petrol	2.0	2009	2016	VWS162
AUDI	A4 Allroad Quattro	Petrol	2.0	2012	2016	VWS162
AUDI	A4 Allroad Quattro	Petrol	2.0	2016	2019	VWS263
AUDI	A4 Allroad Quattro	Petrol	2.0	2016	2019	VWS263
AUDI	A4 Allroad Quattro	Diesel	3.0	2009	2012	VWS266
AUDI	A4 Allroad Quattro	Mild Hybrid/petrol	2.0	2018		VWS263
AUDI	A4 Allroad Quattro	Mild Hybrid/petrol	2.0	2018	2019	VWS263
AUDI	A4 Cabrio	Petrol	1.8	2002	2005	VWS143
AUDI	A4 Cabrio	Petrol	1.8	2006	2009	VWS143
AUDI	A4 Cabrio	Petrol	2.0	2006	2009	VWS176
AUDI	A4 Cabrio	Petrol	2.4	2002	2005	VWS236
AUDI	A4 Cabrio	Petrol	2.4	2003	2005	VWS236
AUDI	A4 Cabrio Quattro	Petrol	1.8	2003	2005	VWS143
AUDI	A4 Quattro	Petrol	1.8	2000	2002	VWS143
AUDI	A4 Quattro	Petrol	1.8	2001	2002	VWS143
AUDI	A4 Quattro	Petrol	1.8	2001	2004	VWS143
AUDI	A4 Quattro	Petrol	1.8	2001	2004	VWS143
AUDI	A4 Quattro	Petrol	1.8	2002	2004	VWS143

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



Make	Model	Fuel	Stroke	Year From	Year Till	VVS
AUDI	A4 Quattro	Petrol	1.8	2002	2004	WS143
AUDI	A4 Quattro	Petrol	1.8	2002	2004	WS143
AUDI	A4 Quattro	Petrol	1.8	2002	2004	WS143
AUDI	A4 Quattro	Petrol	1.8	2004	2007	WS143
AUDI	A4 Quattro	Petrol	1.8	2004	2008	WS143
AUDI	A4 Quattro	Petrol	1.8	2008	2012	WS162
AUDI	A4 Quattro	Petrol	1.8	2008	2012	WS162
AUDI	A4 Quattro	Petrol	1.8	2011	2015	WS263
AUDI	A4 Quattro	Petrol	1.8	2011	2015	WS263
AUDI	A4 Quattro	Petrol	2.0	2004	2008	WS176
AUDI	A4 Quattro	Petrol	2.0	2004	2008	WS176
AUDI	A4 Quattro	Petrol	2.0	2008	2015	WS162
AUDI	A4 Quattro	Petrol	2.0	2008	2015	WS162
AUDI	A4 Quattro	Petrol	2.0	2008	2015	WS162
AUDI	A4 Quattro	Petrol	2.0	2012	2015	WS162
AUDI	A4 Quattro	Petrol	2.0	2015	2019	WS263
AUDI	A4 Quattro	Petrol	2.0	2015	2019	WS263
AUDI	A4 Quattro	Petrol	2.0	2015	2019	WS263
AUDI	A4 Quattro	Petrol	2.0	2015	2019	WS263
AUDI	A4 Quattro	Petrol	2.8	1996	2001	WS236
AUDI	A4 Quattro	Petrol	2.8	1996	2001	WS236
AUDI	A4 Quattro	Diesel	3.0	2007	2012	WS266
AUDI	A4 Quattro	Diesel	3.0	2008	2012	WS266
AUDI	A4 Quattro	Diesel	3.0	2008	2010	WS266
AUDI	A4 Quattro	Diesel	3.0	2008	2010	WS266
AUDI	A4 Quattro	Mild Hybrid/petrol	2.0	2017	2019	WS263
AUDI	A4 Quattro	Mild Hybrid/petrol	2.0	2017	2019	WS263
AUDI	A4 Quattro	Mild Hybrid/petrol	2.0	2018		WS263
AUDI	A4 Quattro	Mild Hybrid/petrol	2.0	2018		WS263
AUDI	A5	Petrol	1.8	2007	2017	WS161
AUDI	A5	Petrol	1.8	2009	2011	WS161
AUDI	A5	Petrol	1.8	2015	2017	WS263
AUDI	A5	Petrol	2.0	2008	2013	WS162
AUDI	A5	Petrol	2.0	2013	2016	WS263
AUDI	A5	Petrol	2.0	2015	2017	WS263
AUDI	A5	Petrol	2.0	2016	2020	WS263
AUDI	A5	Petrol	2.0	2016	2020	WS263
AUDI	A5	Diesel	2.7	2007	2012	WS266
AUDI	A5	Diesel	2.7	2007	2012	WS266
AUDI	A5	Mild Hybrid/petrol	2.0	2017		WS263
AUDI	A5	Mild Hybrid/petrol	2.0	2017	2020	WS263
AUDI	A5	Mild Hybrid/petrol	2.0	2020		WS263
AUDI	A5 Cabrio	Petrol	1.8	2009	2012	WS161
AUDI	A5 Cabrio	Petrol	1.8	2011	2016	WS263
AUDI	A5 Cabrio	Petrol	1.8	2015	2017	WS263
AUDI	A5 Cabrio	Petrol	2.0	2009	2014	WS162
AUDI	A5 Cabrio	Petrol	2.0	2013	2014	WS162
AUDI	A5 Cabrio	Petrol	2.0	2013	2016	WS263
AUDI	A5 Cabrio	Petrol	2.0	2015	2017	WS263
AUDI	A5 Cabrio	Petrol	2.0	2017	2019	WS263
AUDI	A5 Cabrio	Petrol	2.0	2017	2019	WS263
AUDI	A5 Cabrio	Diesel	2.7	2009	2012	WS266
AUDI	A5 Cabrio	Diesel	2.7	2009	2012	WS266
AUDI	A5 Cabrio	Mild Hybrid/petrol	2.0	2017		WS263
AUDI	A5 Cabrio	Mild Hybrid/petrol	2.0	2017	2019	WS263
AUDI	A5 Cabrio	Mild Hybrid/petrol	2.0	2020		WS263
AUDI	A5 Cabrio	Mild Hybrid/petrol	2.0	2020		WS263
AUDI	A5 Cabrio Quattro	Petrol	2.0	2009	2017	WS162
AUDI	A5 Cabrio Quattro	Petrol	2.0	2013	2016	WS263
AUDI	A5 Cabrio Quattro	Petrol	2.0	2015	2017	WS263
AUDI	A5 Cabrio Quattro	Petrol	2.0	2016		WS263

AUDI

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



AUDI

Make	Model	Fuel	Stroke	Year From	Year Till	VVS
AUDI	A5 Cabrio Quattro	Petrol	3.0	2011	2017	WS264
AUDI	A5 Cabrio Quattro	Diesel	3.0	2009	2012	WS266
AUDI	A5 Cabrio Quattro	Mild Hybrid/petrol	2.0	2017	2019	WS263
AUDI	A5 Cabrio Quattro	Mild Hybrid/petrol	2.0	2020		WS263
AUDI	A5 Quattro	Petrol	2.0	2008	2017	WS162
AUDI	A5 Quattro	Petrol	2.0	2013	2016	WS263
AUDI	A5 Quattro	Petrol	2.0	2013	2017	WS162
AUDI	A5 Quattro	Petrol	2.0	2015	2017	WS263
AUDI	A5 Quattro	Petrol	2.0	2016		WS263
AUDI	A5 Quattro	Petrol	3.0	2011	2017	WS264
AUDI	A5 Quattro	Diesel	3.0	2007	2012	WS266
AUDI	A5 Quattro	Diesel	3.0	2008	2010	WS266
AUDI	A5 Quattro	Mild Hybrid/petrol	2.0	2017	2020	WS263
AUDI	A5 Sportback	Petrol	1.8	2009	2011	WS161
AUDI	A5 Sportback	Petrol	1.8	2011	2017	WS263
AUDI	A5 Sportback	Petrol	1.8	2015	2017	WS263
AUDI	A5 Sportback	Petrol	2.0	2009	2013	WS162
AUDI	A5 Sportback	Petrol	2.0	2013	2016	WS263
AUDI	A5 Sportback	Petrol	2.0	2015	2017	WS263
AUDI	A5 Sportback	Petrol	2.0	2016	2020	WS263
AUDI	A5 Sportback	Petrol	2.0	2017	2020	WS263
AUDI	A5 Sportback	Diesel	2.7	2007	2012	WS266
AUDI	A5 Sportback	Diesel	2.7	2009	2012	WS266
AUDI	A5 Sportback	Mild Hybrid/petrol	2.0	2017		WS263
AUDI	A5 Sportback	Mild Hybrid/petrol	2.0	2017	2020	WS263
AUDI	A5 Sportback	Mild Hybrid/petrol	2.0	2020		WS263
AUDI	A5 Sportback Quattro	Petrol	2.0	2009	2013	WS162
AUDI	A5 Sportback Quattro	Petrol	2.0	2013	2016	WS263
AUDI	A5 Sportback Quattro	Petrol	2.0	2015	2017	WS263
AUDI	A5 Sportback Quattro	Petrol	2.0	2016		WS263
AUDI	A5 Sportback Quattro	Petrol	3.0	2011	2017	WS264
AUDI	A5 Sportback Quattro	Diesel	3.0	2009	2012	WS266
AUDI	A5 Sportback Quattro	Mild Hybrid/petrol	2.0	2017	2020	WS263
AUDI	A6	Petrol	1.8	1997	2004	WS143
AUDI	A6	Petrol	1.8	1998	2005	WS143
AUDI	A6	Petrol	1.8	2014	2018	WS263
AUDI	A6	Petrol	2.0	2005	2011	WS176
AUDI	A6	Petrol	2.0	2005	2011	WS176
AUDI	A6	Petrol	2.0	2011	2015	WS162
AUDI	A6	Petrol	2.0	2014	2018	WS263
AUDI	A6	Petrol	2.0	2014	2018	WS263
AUDI	A6	Petrol	2.4	1997	2001	WS236
AUDI	A6	Petrol	2.4	1997	2004	WS236
AUDI	A6	Petrol	2.4	1997	2004	WS236
AUDI	A6	Petrol	2.4	1997	2005	WS236
AUDI	A6	Petrol	2.4	1998	2001	WS236
AUDI	A6	Petrol	2.4	1998	2005	WS236
AUDI	A6	Petrol	2.4	1998	2001	WS236
AUDI	A6	Petrol	2.4	1998	2001	WS236
AUDI	A6	Petrol	2.4	1998	2001	WS236
AUDI	A6	Petrol	2.7	1999	2000	WS236
AUDI	A6	Petrol	2.7	1999	2000	WS236
AUDI	A6	Petrol	2.8	1995	1997	WS236
AUDI	A6	Petrol	2.8	1995	1997	WS236
AUDI	A6	Petrol	2.8	1997	2001	WS236
AUDI	A6	Petrol	2.8	1997	2001	WS236
AUDI	A6	Petrol	2.8	1997	2000	WS236
AUDI	A6	Petrol	2.8	1997	2000	WS236
AUDI	A6	Petrol	2.8	1999	2001	WS236
AUDI	A6	Petrol	2.8	1999	2001	WS236
AUDI	A6	Petrol	2.8	1999	2001	WS236
AUDI	A6	Diesel	2.7	2005	2009	WS266

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



Make	Model	Fuel	Stroke	Year From	Year Till	VVS
AUDI	A6	Diesel	2.7	2005	2009	VWS266
AUDI	A6	Diesel	2.7	2008	2011	VWS266
AUDI	A6	Diesel	2.7	2008	2011	VWS266
AUDI	A6 Allroad Quattro	Petrol	4.2	2006	2010	VWS160
AUDI	A6 Allroad Quattro	Diesel	2.7	2006	2011	VWS266
AUDI	A6 Allroad Quattro	Diesel	2.7	2008	2011	VWS266
AUDI	A6 Allroad Quattro	Diesel	3.0	2008	2011	VWS266
AUDI	A6 Quattro	Petrol	1.8	1997	2005	VWS143
AUDI	A6 Quattro	Petrol	1.8	1997	2005	VWS143
AUDI	A6 Quattro	Petrol	2.0	2011	2018	VWS162
AUDI	A6 Quattro	Petrol	2.0	2014	2018	VWS263
AUDI	A6 Quattro	Petrol	2.0	2015	2018	VWS263
AUDI	A6 Quattro	Petrol	2.0	2015	2018	VWS263
AUDI	A6 Quattro	Petrol	2.4	1997	2001	VWS236
AUDI	A6 Quattro	Petrol	2.4	1997	2001	VWS236
AUDI	A6 Quattro	Petrol	2.4	1997	2001	VWS236
AUDI	A6 Quattro	Petrol	2.4	1997	2001	VWS236
AUDI	A6 Quattro	Petrol	2.4	1998	2001	VWS236
AUDI	A6 Quattro	Petrol	2.4	1998	2001	VWS236
AUDI	A6 Quattro	Petrol	2.7	1999	2001	VWS236
AUDI	A6 Quattro	Petrol	2.7	1999	2001	VWS236
AUDI	A6 Quattro	Petrol	2.7	2001	2005	VWS236
AUDI	A6 Quattro	Petrol	2.7	2001	2005	VWS236
AUDI	A6 Quattro	Petrol	2.8	1995	1997	VWS236
AUDI	A6 Quattro	Petrol	2.8	1995	1997	VWS236
AUDI	A6 Quattro	Petrol	2.8	1997	2001	VWS236
AUDI	A6 Quattro	Petrol	2.8	1997	2001	VWS236
AUDI	A6 Quattro	Petrol	2.8	1997	2001	VWS236
AUDI	A6 Quattro	Petrol	2.8	1998	2001	VWS236
AUDI	A6 Quattro	Petrol	2.8	1998	2001	VWS236
AUDI	A6 Quattro	Petrol	2.8	1998	2001	VWS236
AUDI	A6 Quattro	Petrol	2.8	1998	2001	VWS236
AUDI	A6 Quattro	Petrol	4.2	2006	2011	VWS160
AUDI	A6 Quattro	Petrol	4.2	2006	2011	VWS160
AUDI	A6 Quattro	Diesel	2.7	2005	2011	VWS266
AUDI	A6 Quattro	Diesel	2.7	2005	2011	VWS266
AUDI	A6 Quattro	Diesel	2.7	2008	2011	VWS266
AUDI	A6 Quattro	Diesel	3.0	2008	2011	VWS266
AUDI	A6 Quattro	Diesel	3.0	2008	2011	VWS266
AUDI	A7 Sportback	Petrol	1.8	2015	2018	VWS263
AUDI	A7 Sportback	Petrol	2.0	2014	2018	VWS263
AUDI	A7 Sportback Quattro	Petrol	2.0	2015	2018	VWS263
AUDI	A7 Sportback Quattro	Petrol	2.0	2015	2018	VWS263
AUDI	A8	Petrol	2.8	1996	2002	VWS236
AUDI	A8	Full Hybrid/petrol	2.0	2012	2015	VWS162
AUDI	A8 Quattro	Petrol	2.0	2016	2018	VWS263
AUDI	A8 Quattro	Petrol	2.8	1995	2002	VWS236
AUDI	A8 Quattro	Petrol	4.2	2006	2010	VWS160
AUDI	A8 Quattro	Petrol	4.2	2009	2012	VWS160
AUDI	Q2 Quattro	Petrol	2.0	2017		VWS263
AUDI	Q3 Quattro	Petrol	2.0	2011	2015	VWS162
AUDI	Q3 Quattro	Petrol	2.0	2011	2015	VWS162
AUDI	Q3 Quattro	Petrol	2.0	2014	2018	VWS161
AUDI	Q3 Quattro	Petrol	2.0	2018		VWS263
AUDI	Q3 Quattro	Petrol	2.0	2018		VWS263
AUDI	Q3 Sportback Quattro	Petrol	2.0	2019		VWS263
AUDI	Q3 Sportback Quattro	Petrol	2.0	2019		VWS263
AUDI	Q5 Quattro	Petrol	2.0	2008	2012	VWS162
AUDI	Q5 Quattro	Petrol	2.0	2008	2012	VWS162
AUDI	Q5 Quattro	Petrol	2.0	2009	2017	VWS263

AUDI

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



AUDI

Make	Model	Fuel	Stroke	Year From	Year Till	VVS
AUDI	Q5 Quattro	Petrol	2.0	2012	2016	WS263
AUDI	Q5 Quattro	Petrol	2.0	2013	2017	WS162
AUDI	Q5 Quattro	Petrol	2.0	2015	2017	WS263
AUDI	Q5 Quattro	Petrol	2.0	2016	2020	WS263
AUDI	Q5 Quattro	Petrol	2.0	2017	2020	WS263
AUDI	Q5 Quattro	Diesel	3.0	2008	2012	WS266
AUDI	Q5 Quattro	Diesel	3.0	2008	2013	WS266
AUDI	Q5 Quattro	Full Hybrid/petrol	2.0	2011	2016	WS162
AUDI	Q5 Quattro	Mild Hybrid/petrol	2.0	2018		WS263
AUDI	Q7 Quattro	Petrol	4.2	2006	2010	WS160
AUDI	Q7 Quattro	Petrol	4.2	2006	2010	WS160
AUDI	Q7 Quattro	Diesel	3.0	2007	2012	WS266
AUDI	Q7 Quattro	Diesel	3.0	2007	2015	WS266
AUDI	Q7 Quattro	Diesel	3.0	2009	2012	WS266
AUDI	R8 Quattro	Petrol	5.2	2009	2015	WS160
AUDI	R8 Spyder Quattro	Petrol	5.2	2010	2015	WS160
AUDI	RS3 Sportback Quattro	Petrol	2.5	2015	2016	WS263
AUDI	RS4 Cabrio Quattro	Petrol	4.2	2006	2008	WS160
AUDI	RS4 Quattro	Petrol	4.2	2005	2008	WS160
AUDI	RS4 Quattro	Petrol	4.2	2006	2008	WS160
AUDI	RS4 Quattro	Petrol	4.2	2012	2015	WS160
AUDI	RS5 Cabrio Quattro	Petrol	4.2	2012	2015	WS160
AUDI	RS5 Quattro	Petrol	4.2	2010	2017	WS160
AUDI	S1 Quattro	Petrol	2.0	2014	2018	WS263
AUDI	S1 Sportback Quattro	Petrol	2.0	2014	2018	WS263
AUDI	S3 Cabrio Quattro	Petrol	2.0	2014		WS263
AUDI	S3 Cabrio Quattro	Petrol	2.0	2014	2016	WS263
AUDI	S3 Cabrio Quattro	Petrol	2.0	2016		WS263
AUDI	S3 Quattro	Petrol	1.8	1998	2002	WS143
AUDI	S3 Quattro	Petrol	1.8	2001	2003	WS143
AUDI	S3 Quattro	Petrol	2.0	2006	2012	WS176
AUDI	S3 Quattro	Petrol	2.0	2007	2012	WS176
AUDI	S3 Quattro	Petrol	2.0	2012	2014	WS263
AUDI	S3 Quattro	Petrol	2.0	2012	2016	WS263
AUDI	S3 Quattro	Petrol	2.0	2013		WS263
AUDI	S3 Quattro	Petrol	2.0	2013	2014	WS263
AUDI	S3 Quattro	Petrol	2.0	2014	2016	WS263
AUDI	S3 Quattro	Petrol	2.0	2014	2016	WS263
AUDI	S3 Quattro	Petrol	2.0	2016		WS263
AUDI	S3 Quattro	Petrol	2.0	2016		WS263
AUDI	S3 Quattro	Petrol	2.0	2016		WS263
AUDI	S3 Sportback Quattro	Petrol	2.0	2008	2013	WS176
AUDI	S3 Sportback Quattro	Petrol	2.0	2008	2013	WS176
AUDI	S3 Sportback Quattro	Petrol	2.0	2012	2014	WS263
AUDI	S3 Sportback Quattro	Petrol	2.0	2013		WS263
AUDI	S3 Sportback Quattro	Petrol	2.0	2014	2016	WS263
AUDI	S3 Sportback Quattro	Petrol	2.0	2016		WS263
AUDI	S3 Sportback Quattro	Petrol	2.0	2016		WS263
AUDI	S3 Sportback Quattro	Petrol	2.0	2016		WS263
AUDI	S5 Quattro	Petrol	4.2	2007	2012	WS160
AUDI	S6 Quattro	Petrol	5.2	2006	2011	WS160
AUDI	S6 Quattro	Petrol	5.2	2006	2011	WS160
AUDI	S8 Quattro	Petrol	5.2	2006	2010	WS160
AUDI	TT	Petrol	1.8	1998	2006	WS143
AUDI	TT	Petrol	1.8	1998	2006	WS143
AUDI	TT	Petrol	1.8	2001	2006	WS143
AUDI	TT	Petrol	1.8	2002	2006	WS143
AUDI	TT	Petrol	1.8	2005	2006	WS143

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



Make	Model	Fuel	Stroke	Year From	Year Till	VVS
AUDI	TT	Petrol	1.8	2005	2006	WS143
AUDI	TT	Petrol	1.8	2005	2006	WS143
AUDI	TT	Petrol	1.8	2005	2006	WS143
AUDI	TT	Petrol	1.8	2008	2014	WS162
AUDI	TT	Petrol	1.8	2008	2014	WS162
AUDI	TT	Petrol	2.0	2006	2010	WS162
AUDI	TT	Petrol	2.0	2007	2010	WS162
AUDI	TT	Petrol	2.0	2010	2014	WS162
AUDI	TT	Petrol	2.0	2010	2014	WS162
AUDI	TT	Petrol	2.0	2018		WS263
AUDI	TT	Petrol	2.0	2018		WS263
AUDI	TT	Petrol	2.0	2018		WS263
AUDI	TT Quattro	Petrol	1.8	1998	2006	WS143
AUDI	TT Quattro	Petrol	1.8	1998	2006	WS143
AUDI	TT Quattro	Petrol	1.8	1998	2006	WS143
AUDI	TT Quattro	Petrol	1.8	1998	2006	WS143
AUDI	TT Quattro	Petrol	1.8	2005	2006	WS143
AUDI	TT Quattro	Petrol	1.8	2005	2006	WS143
AUDI	TT Quattro	Petrol	2.0	2008	2010	WS162
AUDI	TT Quattro	Petrol	2.0	2008	2010	WS162
AUDI	TT Quattro	Petrol	2.0	2010	2014	WS162
AUDI	TT Quattro	Petrol	2.0	2010	2014	WS162
AUDI	TT Quattro	Petrol	2.0	2015		WS263
AUDI	TT Quattro	Petrol	2.0	2018		WS263
AUDI	TT Quattro	Petrol	2.0	2018		WS263
AUDI	TTS Quattro	Petrol	2.0	2008	2014	WS176
AUDI	TTS Quattro	Petrol	2.0	2008	2014	WS176
AUDI	TTS Quattro	Petrol	2.0	2014		WS263
AUDI	TTS Quattro	Petrol	2.0	2014		WS263
AUDI	TTS Quattro	Petrol	2.0	2015		WS263
AUDI	TTS Quattro	Petrol	2.0	2015		WS263
AUDI	TTS Quattro	Petrol	2.0	2015		WS263
BMW						
BMW	114i	Petrol	1.6	2011		WS173
BMW	114i	Petrol	1.6	2012	2015	WS173
BMW	116i	Petrol	1.5	2015		WS229
BMW	116i	Petrol	1.5	2015	2019	WS229
BMW	116i	Petrol	1.6	2004	2011	WS172
BMW	116i	Petrol	1.6	2007	2011	WS172
BMW	116i	Petrol	1.6	2011	2015	WS173
BMW	116i	Petrol	1.6	2011	2015	WS173
BMW	118i	Petrol	1.5	2015		WS229
BMW	118i	Petrol	1.5	2015	2019	WS229
BMW	118i	Petrol	1.5	2015	2019	WS229
BMW	118i	Petrol	1.6	2011		WS173
BMW	118i	Petrol	1.6	2011	2015	WS173
BMW	118i	Petrol	1.6	2015	2015	WS173
BMW	118i	Petrol	2.0	2004	2008	WS172
BMW	118i	Petrol	2.0	2004	2008	WS172
BMW	118i	Petrol	2.0	2006	2011	WS172
BMW	118i	Petrol	2.0	2006	2012	WS172
BMW	118i Cabrio	Petrol	2.0	2008	2013	WS172
BMW	120i	Petrol	1.6	2015		WS173
BMW	120i	Petrol	2.0	2004	2007	WS172
BMW	120i	Petrol	2.0	2007	2011	WS172
BMW	120i	Petrol	2.0	2007	2011	WS172

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



BMW

Make	Model	Fuel	Stroke	Year From	Year Till	VVS
BMW	120i	Petrol	2.0	2016		WS229
BMW	120i	Petrol	2.0	2016	2019	WS229
BMW	120i	Petrol	2.0	2016	2019	WS229
BMW	120i Cabrio	Petrol	2.0	2008	2013	WS172
BMW	120i Coupe	Petrol	2.0	2009	2013	WS172
BMW	125i	Petrol	2.0	2015		WS229
BMW	125i	Petrol	2.0	2016	2019	WS229
BMW	125i Cabrio	Petrol	3.0	2007	2013	WS177
BMW	125i Coupe	Petrol	3.0	2008	2013	WS177
BMW	130i	Petrol	3.0	2005	2012	WS177
BMW	130i	Petrol	3.0	2005	2007	WS177
BMW	130i	Petrol	3.0	2007	2011	WS177
BMW	130i	Petrol	3.0	2007	2012	WS177
BMW	135i Cabrio	Petrol	3.0	2008	2013	WS177
BMW	135i Coupe	Petrol	3.0	2007		WS177
BMW	216i Active Tourer	Petrol	1.5	2015	2018	WS229
BMW	216i Active Tourer	Petrol	1.5	2018		WS229
BMW	216i Gran Tourer	Petrol	1.5	2015	2018	WS229
BMW	216i Gran Tourer	Petrol	1.5	2018		WS229
BMW	218i Active Tourer	Petrol	1.5	2014		WS229
BMW	218i Active Tourer	Petrol	1.5	2018		WS229
BMW	218i Active Tourer	Petrol	1.5	2018		WS229
BMW	218i Cabrio	Petrol	1.5	2015		WS229
BMW	218i Coupe	Petrol	1.5	2015		WS229
BMW	218i Gran Coupe	Petrol	1.5	2019		WS229
BMW	218i Gran Tourer	Petrol	1.5	2015		WS229
BMW	218i Gran Tourer	Petrol	1.5	2017		WS229
BMW	218i Gran Tourer	Petrol	1.5	2017		WS229
BMW	220i Active Tourer	Petrol	2.0	2014		WS229
BMW	220i Active Tourer	Petrol	2.0	2014		WS229
BMW	220i Cabrio	Petrol	2.0	2015		WS229
BMW	220i Coupe	Petrol	2.0	2015		WS229
BMW	220i Gran Tourer	Petrol	2.0	2015		WS229
BMW	220i Gran Tourer	Petrol	2.0	2015		WS229
BMW	225e xDrive Active Tourer	Plug-in Hybrid/petrol	1.5	2016		WS229
BMW	225i Active Tourer	Petrol	2.0	2014		WS229
BMW	225i xDrive Active Tourer	Petrol	2.0	2014		WS229
BMW	230i Cabrio	Petrol	2.0	2016		WS229
BMW	230i Coupe	Petrol	2.0	2016		WS229
BMW	316i	Petrol	1.6	2002	2005	WS172
BMW	316i	Petrol	1.6	2005	2011	WS172
BMW	316i	Petrol	1.6	2012	2016	WS173
BMW	316i	Petrol	1.8	2001	2005	WS172
BMW	316i Compact	Petrol	1.6	2002	2005	WS172
BMW	316i Compact	Petrol	1.6	2002	2005	WS172
BMW	316i Compact	Petrol	1.8	2001	2005	WS172
BMW	316i Coupe	Petrol	1.6	2002	2006	WS172
BMW	316i Touring	Petrol	1.6	2013	2015	WS173
BMW	316i Touring	Petrol	1.8	2001	2005	WS172
BMW	318i	Petrol	1.5	2015	2018	WS229
BMW	318i	Petrol	2.0	2001	2005	WS172
BMW	318i	Petrol	2.0	2001	2005	WS172
BMW	318i	Petrol	2.0	2005	2007	WS172
BMW	318i	Petrol	2.0	2007	2011	WS172
BMW	318i Cabrio	Petrol	2.0	2001	2006	WS172
BMW	318i Cabrio	Petrol	2.0	2001	2006	WS172
BMW	318i Cabrio	Petrol	2.0	2004	2006	WS172
BMW	318i Compact	Petrol	2.0	2001	2004	WS172
BMW	318i Compact	Petrol	2.0	2001	2005	WS172
BMW	318i Coupe	Petrol	2.0	2001	2004	WS172

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



Make	Model	Fuel	Stroke	Year From	Year Till	VVS
BMW	318i Coupe	Petrol	2.0	2003	2004	WS172
BMW	318i Coupe	Petrol	2.0	2004	2006	WS172
BMW	318i Touring	Petrol	1.5	2015	2019	WS229
BMW	318i Touring	Petrol	2.0	2001	2005	WS172
BMW	318i Touring	Petrol	2.0	2006	2007	WS172
BMW	320i	Petrol	1.6	2012	2016	WS173
BMW	320i	Petrol	1.6	2019		WS229
BMW	320i	Petrol	2.0	1998	2000	WS215
BMW	320i	Petrol	2.0	2004	2007	WS172
BMW	320i	Petrol	2.0	2005	2006	WS172
BMW	320i	Petrol	2.0	2007	2011	WS172
BMW	320i	Petrol	2.0	2015	2018	WS229
BMW	320i	Petrol	2.0	2019		WS229
BMW	320i	Petrol	2.2	2000	2005	WS215
BMW	320i	Petrol	2.2	2000	2005	WS215
BMW	320i Cabrio	Petrol	2.0	2007	2013	WS172
BMW	320i Cabrio	Petrol	2.2	2000	2007	WS215
BMW	320i Cabrio	Petrol	2.2	2000	2007	WS215
BMW	320i Coupe	Petrol	2.0	1999	2000	WS215
BMW	320i Coupe	Petrol	2.0	2007	2013	WS172
BMW	320i Coupe	Petrol	2.2	2000	2006	WS215
BMW	320i Coupe	Petrol	2.2	2001	2003	WS215
BMW	320i Gran Turismo	Petrol	2.0	2016		WS229
BMW	320i Gran Turismo	Petrol	2.0	2016		WS229
BMW	320i Touring	Petrol	2.0	1999	2000	WS215
BMW	320i Touring	Petrol	2.0	2005	2012	WS172
BMW	320i Touring	Petrol	2.0	2015	2019	WS229
BMW	320i Touring	Petrol	2.0	2019		WS229
BMW	320i Touring	Petrol	2.0	2019		WS229
BMW	320i Touring	Petrol	2.2	2000	2005	WS215
BMW	320i Touring	Petrol	2.2	2000	2005	WS215
BMW	320i xDrive	Petrol	2.0	2015	2018	WS229
BMW	320i xDrive	Petrol	2.0	2019		WS229
BMW	320i xDrive Gran Turismo	Petrol	2.0	2016		WS229
BMW	320i xDrive Gran Turismo	Petrol	2.0	2016		WS229
BMW	320i xDrive Touring	Petrol	2.0	2015	2019	WS229
BMW	323i	Petrol	2.5	1998	2000	WS215
BMW	323i	Petrol	2.5	1998	2000	WS215
BMW	323i	Petrol	2.5	2005	2007	WS177
BMW	323i	Petrol	2.5	2006	2011	WS177
BMW	323i Cabrio	Petrol	2.5	1998	2000	WS215
BMW	323i Cabrio	Petrol	2.5	2000	2000	WS215
BMW	323i Cabrio	Petrol	2.5	2010	2011	WS177
BMW	323i Coupe	Petrol	2.5	1999	2000	WS215
BMW	323i Coupe	Petrol	2.5	1999	2000	WS215
BMW	323i Coupe	Petrol	2.5	2008	2011	WS177
BMW	323i Touring	Petrol	2.5	1999	2000	WS215
BMW	323i Touring	Petrol	2.5	2006	2007	WS177
BMW	323i Touring	Petrol	2.5	2006	2008	WS177
BMW	325i	Petrol	2.5	2000	2005	WS215
BMW	325i	Petrol	2.5	2000	2005	WS215
BMW	325i	Petrol	2.5	2001	2005	WS215
BMW	325i	Petrol	2.5	2004	2011	WS177
BMW	325i	Petrol	2.5	2005	2008	WS177
BMW	325i	Petrol	2.5	2006	2007	WS177
BMW	325i	Petrol	3.0	2006	2011	WS177
BMW	325i	Petrol	3.0	2007	2011	WS177
BMW	325i	Petrol	3.0	2007	2008	WS177
BMW	325i Cabrio	Petrol	2.5	2000	2006	WS215
BMW	325i Cabrio	Petrol	2.5	2006	2010	WS177

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



BMW

Make	Model	Fuel	Stroke	Year From	Year Till	VVS
BMW	325i Cabrio	Petrol	3.0	2006	2013	WS177
BMW	325i Cabrio	Petrol	3.0	2007	2013	WS177
BMW	325i Compact	Petrol	2.5	2001	2004	VWS215
BMW	325i Coupe	Petrol	2.5	2000	2006	VWS215
BMW	325i Coupe	Petrol	2.5	2006	2010	WS177
BMW	325i Coupe	Petrol	2.5	2006	2010	WS177
BMW	325i Coupe	Petrol	2.5	2010	2013	WS177
BMW	325i Coupe	Petrol	2.5	2010	2013	WS177
BMW	325i Coupe	Petrol	3.0	2007	2008	WS177
BMW	325i Coupe	Petrol	3.0	2007	2010	WS177
BMW	325i Coupe	Petrol	3.0	2007	2013	WS177
BMW	325i Coupe	Petrol	3.0	2010	2013	WS177
BMW	325i Touring	Petrol	2.5	2000	2005	VWS215
BMW	325i Touring	Petrol	2.5	2000	2005	VWS215
BMW	325i Touring	Petrol	2.5	2004	2008	WS177
BMW	325i Touring	Petrol	2.5	2005	2008	WS177
BMW	325i Touring	Petrol	2.5	2005	2010	WS177
BMW	325i Touring	Petrol	3.0	2006	2008	WS177
BMW	325i Touring	Petrol	3.0	2007	2012	WS177
BMW	325i Touring	Petrol	3.0	2007	2012	WS177
BMW	325i Touring	Petrol	3.0	2007	2008	WS177
BMW	325i xDrive	Petrol	2.5	2008	2011	WS177
BMW	325i xDrive	Petrol	3.0	2008	2011	WS177
BMW	325i xDrive	Petrol	3.0	2008	2011	VWS177
BMW	325i xDrive Coupe	Petrol	2.5	2006	2012	WS177
BMW	325i xDrive Coupe	Petrol	2.5	2010	2013	WS177
BMW	325i xDrive Coupe	Petrol	3.0	2008	2013	VWS177
BMW	325i xDrive Coupe	Petrol	3.0	2008	2013	WS177
BMW	325i xDrive Touring	Petrol	2.5	2004	2008	WS177
BMW	325i xDrive Touring	Petrol	3.0	2008	2012	WS177
BMW	325i xDrive Touring	Petrol	3.0	2008	2012	VWS177
BMW	328i	Petrol	2.8	1997	2000	VWS215
BMW	328i	Petrol	3.0	2006	2011	WS177
BMW	328i Coupe	Petrol	2.8	1998	2000	VWS215
BMW	328i Coupe	Petrol	3.0	2006	2013	WS177
BMW	328i Coupe	Petrol	3.0	2006	2008	WS177
BMW	328i Touring	Petrol	2.8	1999	2000	VWS215
BMW	330e	Plug-in Hybrid/petrol	2.0	2015	2018	WS229
BMW	330e	Plug-in Hybrid/petrol	2.0	2019		WS229
BMW	330e Touring	Plug-in Hybrid/petrol	2.0	2020		WS229
BMW	330e Touring	Plug-in Hybrid/petrol	2.0	2020		WS229
BMW	330e xDrive	Plug-in Hybrid/petrol	2.0	2020		WS229
BMW	330e xDrive Touring	Plug-in Hybrid/petrol	2.0	2020		WS229
BMW	330i	Petrol	2.0	2015	2018	VWS229
BMW	330i	Petrol	2.0	2018		VWS229
BMW	330i	Petrol	3.0	2000	2005	VWS215
BMW	330i	Petrol	3.0	2000	2005	VWS215
BMW	330i	Petrol	3.0	2001	2005	VWS215
BMW	330i	Petrol	3.0	2004	2011	WS177
BMW	330i	Petrol	3.0	2005	2007	WS177
BMW	330i	Petrol	3.0	2007	2008	WS177
BMW	330i	Petrol	3.0	2007	2011	WS177
BMW	330i Cabrio	Petrol	3.0	2000	2006	VWS215
BMW	330i Cabrio	Petrol	3.0	2007	2013	WS177
BMW	330i Cabrio	Petrol	3.0	2010	2013	VWS177
BMW	330i Coupe	Petrol	3.0	2000	2006	VWS215
BMW	330i Coupe	Petrol	3.0	2006	2008	WS177
BMW	330i Coupe	Petrol	3.0	2006	2010	WS177
BMW	330i Coupe	Petrol	3.0	2006	2013	WS177
BMW	330i Coupe	Petrol	3.0	2010	2013	VWS177

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



Make	Model	Fuel	Stroke	Year From	Year Till	VVS
BMW	330i Gran Turismo	Petrol	2.0	2016		WS229
BMW	330i Touring	Petrol	2.0	2015	2019	WS229
BMW	330i Touring	Petrol	2.0	2015	2019	WS229
BMW	330i Touring	Petrol	2.0	2019		WS229
BMW	330i Touring	Petrol	2.0	2019		WS229
BMW	330i Touring	Petrol	3.0	2000	2005	WS215
BMW	330i Touring	Petrol	3.0	2000	2005	WS215
BMW	330i Touring	Petrol	3.0	2005	2007	WS177
BMW	330i Touring	Petrol	3.0	2005	2007	WS177
BMW	330i Touring	Petrol	3.0	2007	2012	WS177
BMW	330i Touring	Petrol	3.0	2007	2012	WS177
BMW	330i xDrive	Petrol	2.0	2015	2018	WS229
BMW	330i xDrive	Petrol	2.0	2018		WS229
BMW	330i xDrive	Petrol	3.0	2008	2011	WS177
BMW	330i xDrive Coupe	Petrol	3.0	2008		WS177
BMW	330i xDrive Gran Turismo	Petrol	2.0	2016		WS229
BMW	330i xDrive Gran Turismo	Petrol	2.0	2016		WS229
BMW	330i xDrive Touring	Petrol	2.0	2015	2019	WS229
BMW	330i xDrive Touring	Petrol	2.0	2019		WS229
BMW	330i xDrive Touring	Petrol	3.0	2007	2012	WS177
BMW	335i	Petrol	3.0	2006	2011	WS177
BMW	335i	Petrol	3.0	2006	2011	WS177
BMW	335i	Petrol	3.0	2006	2011	WS177
BMW	335i	Petrol	3.0	2007	2011	WS177
BMW	335i Cabrio	Petrol	3.0	2006	2013	WS177
BMW	335i Cabrio	Petrol	3.0	2006	2013	WS177
BMW	335i Coupe	Petrol	3.0	2006	2013	WS177
BMW	335i Coupe	Petrol	3.0	2006	2013	WS177
BMW	335i Coupe	Petrol	3.0	2006	2013	WS177
BMW	335i Coupe	Petrol	3.0	2007	2008	WS177
BMW	335i Touring	Petrol	3.0	2006	2008	WS177
BMW	335i Touring	Petrol	3.0	2006	2012	WS177
BMW	335i Touring	Petrol	3.0	2006	2012	WS177
BMW	335i Touring	Petrol	3.0	2007	2008	WS177
BMW	335i xDrive	Petrol	3.0	2006	2011	WS177
BMW	335i xDrive	Petrol	3.0	2008	2011	WS177
BMW	335i xDrive	Petrol	3.0	2009	2012	WS177
BMW	335i xDrive Coupe	Petrol	3.0	2007	2013	WS177
BMW	335i xDrive Coupe	Petrol	3.0	2008		WS177
BMW	335i xDrive Touring	Petrol	3.0	2008	2012	WS177
BMW	335i xDrive Touring	Petrol	3.0	2008	2012	WS177
BMW	340i	Petrol	3.0	2015	2018	WS229
BMW	340i	Petrol	3.0	2015	2018	WS229
BMW	340i Gran Turismo	Petrol	3.0	2016		WS229
BMW	340i Gran Turismo	Petrol	3.0	2016		WS229
BMW	340i Touring	Petrol	3.0	2015	2019	WS229
BMW	340i Touring	Petrol	3.0	2015	2019	WS229
BMW	340i Touring	Petrol	3.0	2015	2019	WS229
BMW	340i xDrive	Petrol	3.0	2015	2018	WS229
BMW	340i xDrive	Petrol	3.0	2015	2018	WS229
BMW	340i xDrive Gran Turismo	Petrol	3.0	2016		WS229
BMW	340i xDrive Gran Turismo	Petrol	3.0	2016		WS229
BMW	340i xDrive Touring	Petrol	3.0	2015	2019	WS229
BMW	340i xDrive Touring	Petrol	3.0	2015	2019	WS229
BMW	418i Coupe	Petrol	1.5	2016		WS229
BMW	418i Gran Coupe	Petrol	1.5	2015		WS229
BMW	420i Cabrio	Petrol	2.0	2016		WS229
BMW	420i Cabrio	Petrol	2.0	2016		WS229
BMW	420i Coupe	Petrol	2.0	2016		WS229
BMW	420i Coupe	Petrol	2.0	2016		WS229
BMW	420i Gran Coupe	Petrol	2.0	2016		WS229

BMW

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



BMW

Make	Model	Fuel	Stroke	Year From	Year Till	VVS
BMW	420i Gran Coupe	Petrol	2.0	2016		WS229
BMW	420i xDrive Coupe	Petrol	2.0	2016		WS229
BMW	420i xDrive Coupe	Petrol	2.0	2016		WS229
BMW	420i xDrive Gran Coupe	Petrol	2.0	2016		WS229
BMW	420i xDrive Gran Coupe	Petrol	2.0	2016		WS229
BMW	430i Cabrio	Petrol	2.0	2016		WS229
BMW	430i Coupe	Petrol	2.0	2016		WS229
BMW	430i Coupe	Petrol	2.0	2016		WS229
BMW	430i Gran Coupe	Petrol	2.0	2016		WS229
BMW	430i xDrive Cabrio	Petrol	2.0	2016		WS229
BMW	430i xDrive Coupe	Petrol	2.0	2016		WS229
BMW	430i xDrive Coupe	Petrol	2.0	2016		WS229
BMW	430i xDrive Gran Coupe	Petrol	2.0	2016		WS229
BMW	430i xDrive Gran Coupe	Petrol	2.0	2016		WS229
BMW	440i Cabrio	Petrol	3.0	2016		WS229
BMW	440i Cabrio	Petrol	3.0	2016		WS229
BMW	440i Coupe	Petrol	3.0	2016		WS229
BMW	440i Coupe	Petrol	3.0	2016		WS229
BMW	440i Gran Coupe	Petrol	3.0	2016		WS229
BMW	440i Gran Coupe	Petrol	3.0	2016		WS229
BMW	440i xDrive Cabrio	Petrol	3.0	2016		WS229
BMW	440i xDrive Cabrio	Petrol	3.0	2016		WS229
BMW	440i xDrive Coupe	Petrol	3.0	2016		WS229
BMW	440i xDrive Coupe	Petrol	3.0	2016		WS229
BMW	440i xDrive Gran Coupe	Petrol	3.0	2016		WS229
BMW	440i xDrive Gran Coupe	Petrol	3.0	2016		WS229
BMW	520i	Petrol	1.6	2017		WS229
BMW	520i	Petrol	2.0	2007	2010	WS172
BMW	520i	Petrol	2.0	2017	2020	WS229
BMW	520i	Petrol	2.0	2017	2020	WS229
BMW	520i	Petrol	2.0	2017	2020	WS229
BMW	520i	Petrol	2.2	2000	2003	WS215
BMW	520i	Petrol	2.2	2000	2003	WS215
BMW	520i	Petrol	2.2	2003	2005	WS215
BMW	520i Touring	Petrol	2.0	2017		WS229
BMW	520i Touring	Petrol	2.0	2017	2020	WS229
BMW	520i Touring	Petrol	2.0	2017	2020	WS229
BMW	520i Touring	Petrol	2.0	2017	2020	WS229
BMW	520i Touring	Petrol	2.2	2000	2003	WS215
BMW	520i Touring	Petrol	2.2	2000	2003	WS215
BMW	523i	Petrol	2.0	2017		WS229
BMW	523i	Petrol	2.5	2004	2007	WS177
BMW	523i	Petrol	2.5	2007	2009	WS177
BMW	523i	Petrol	2.5	2010	2011	WS177
BMW	523i	Petrol	3.0	2010	2011	WS177
BMW	523i	Petrol	3.0	2010	2011	WS177
BMW	523i Touring	Petrol	2.5	2004	2007	WS177
BMW	523i Touring	Petrol	2.5	2007	2010	WS177
BMW	525i	Petrol	2.5	2000	2003	WS215
BMW	525i	Petrol	2.5	2003	2005	WS215
BMW	525i	Petrol	2.5	2005	2009	WS177
BMW	525i	Petrol	2.5	2005	2007	WS177
BMW	525i	Petrol	2.5	2005	2010	WS177
BMW	525i	Petrol	3.0	2007	2010	WS177
BMW	525i	Petrol	3.0	2007	2010	WS177
BMW	525i	Petrol	3.0	2007	2009	WS177
BMW	525i Touring	Petrol	2.5	2000	2004	WS215
BMW	525i Touring	Petrol	2.5	2004	2005	WS215
BMW	525i Touring	Petrol	2.5	2004	2010	WS177
BMW	525i Touring	Petrol	2.5	2005	2007	WS177

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



Make	Model	Fuel	Stroke	Year From	Year Till	VVS
BMW	525i Touring	Petrol	2.5	2005	2010	WS177
BMW	525i Touring	Petrol	3.0	2007	2010	WS177
BMW	525i Touring	Petrol	3.0	2007	2008	WS177
BMW	525i Touring	Petrol	3.0	2007	2010	WS177
BMW	525i xDrive	Petrol	3.0	2008	2010	WS177
BMW	525i xDrive Touring	Petrol	3.0	2008	2010	WS177
BMW	528i	Petrol	3.0	2007	2009	WS177
BMW	528i	Petrol	3.0	2009	2011	WS177
BMW	528i	Petrol	3.0	2010	2012	WS177
BMW	530e	Plug-in Hybrid/petrol	2.0	2017		WS229
BMW	530e	Plug-in Hybrid/petrol	2.0	2019		WS229
BMW	530e Touring	Plug-in Hybrid/petrol	2.0	2020		WS229
BMW	530e Touring	Plug-in Hybrid/petrol	2.0	2020		WS229
BMW	530e xDrive	Plug-in Hybrid/petrol	2.0	2017		WS229
BMW	530e xDrive	Plug-in Hybrid/petrol	2.0	2019		WS229
BMW	530e xDrive Touring	Plug-in Hybrid/petrol	2.0	2020		WS229
BMW	530e xDrive Touring	Plug-in Hybrid/petrol	2.0	2020		WS229
BMW	530i	Petrol	2.0	2016	2020	WS229
BMW	530i	Petrol	3.0	2000	2003	WS215
BMW	530i	Petrol	3.0	2003	2005	WS215
BMW	530i	Petrol	3.0	2004	2007	WS177
BMW	530i	Petrol	3.0	2005	2007	WS177
BMW	530i	Petrol	3.0	2005	2010	WS177
BMW	530i	Petrol	3.0	2007	2009	WS177
BMW	530i	Petrol	3.0	2007	2009	WS177
BMW	530i	Petrol	3.0	2010	2013	WS177
BMW	530i	Petrol	3.0	2011	2013	WS177
BMW	530i Touring	Petrol	2.0	2017		WS229
BMW	530i Touring	Petrol	2.0	2017	2020	WS229
BMW	530i Touring	Petrol	3.0	2000	2003	WS215
BMW	530i Touring	Petrol	3.0	2004	2007	WS177
BMW	530i Touring	Petrol	3.0	2005	2007	WS177
BMW	530i Touring	Petrol	3.0	2006	2008	WS177
BMW	530i Touring	Petrol	3.0	2007	2010	WS177
BMW	530i xDrive	Petrol	2.0	2016		WS229
BMW	530i xDrive	Petrol	2.0	2016	2020	WS229
BMW	530i xDrive	Petrol	3.0	2008	2009	WS177
BMW	530i xDrive Touring	Petrol	2.0	2017		WS229
BMW	530i xDrive Touring	Petrol	2.0	2017	2020	WS229
BMW	530i xDrive Touring	Petrol	3.0	2008	2010	WS177
BMW	535i	Petrol	3.5	1996	1998	WS180
BMW	535i	Petrol	3.5	1998	2003	WS180
BMW	540i	Petrol	3.0	2016	2020	WS229
BMW	540i	Petrol	3.0	2016	2020	WS229
BMW	540i	Petrol	4.0	2005	2007	WS172
BMW	540i	Petrol	4.0	2007	2009	WS172
BMW	540i	Petrol	4.4	1996	2003	WS180
BMW	540i Touring	Petrol	4.4	1997	2003	WS180
BMW	540i xDrive	Petrol	3.0	2016	2020	WS229
BMW	540i xDrive	Petrol	3.0	2016	2020	WS229
BMW	540i xDrive Touring	Petrol	3.0	2017		WS229
BMW	540i xDrive Touring	Petrol	3.0	2017	2020	WS229
BMW	540i xDrive Touring	Petrol	3.0	2017	2020	WS229
BMW	545i	Petrol	4.4	2003	2005	WS172
BMW	545i Touring	Petrol	4.4	2004	2005	WS172
BMW	550i	Petrol	4.8	2005	2009	WS172
BMW	550i Touring	Petrol	4.8	2005	2011	WS172
BMW	630i Cabrio	Petrol	3.0	2004	2007	WS177
BMW	630i Cabrio	Petrol	3.0	2007	2010	WS177
BMW	630i Coupe	Petrol	3.0	2004	2007	WS177

BMW

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



BMW

Make	Model	Fuel	Stroke	Year From	Year Till	VVS
BMW	630i Coupe	Petrol	3.0	2007	2010	WS177
BMW	630i Gran Turismo	Petrol	2.0	2017	2020	WS229
BMW	630i Gran Turismo	Petrol	2.0	2017	2020	WS229
BMW	630i xDrive Gran Turismo	Petrol	3.0	2019		WS229
BMW	640i Gran Turismo	Petrol	3.0	2017	2020	WS229
BMW	640i Gran Turismo	Petrol	3.0	2017	2020	WS229
BMW	640i xDrive Gran Turismo	Petrol	3.0	2017	2020	WS229
BMW	640i xDrive Gran Turismo	Petrol	3.0	2017	2020	WS229
BMW	645i Cabrio	Petrol	4.4	2004	2005	WS172
BMW	645i Coupe	Petrol	4.4	2003	2005	WS172
BMW	650i Cabrio	Petrol	4.8	2005	2010	WS172
BMW	650i Coupe	Petrol	4.8	2005	2010	WS172
BMW	730i	Petrol	2.0	2015		WS229
BMW	730i	Petrol	2.0	2015	2019	WS229
BMW	730i	Petrol	2.0	2015	2019	WS229
BMW	730i	Petrol	2.0	2019		WS229
BMW	730i	Petrol	2.0	2019		WS229
BMW	730i	Petrol	3.0	2003	2005	WS215
BMW	730i	Petrol	3.0	2003	2005	WS215
BMW	730i	Petrol	3.0	2005	2008	WS177
BMW	730i	Petrol	3.0	2005	2008	WS177
BMW	730i	Petrol	3.0	2005	2008	WS177
BMW	730i	Petrol	3.0	2009	2015	WS177
BMW	730i	Petrol	3.0	2009	2015	WS177
BMW	735i	Petrol	3.5	1996	1998	WS180
BMW	735i	Petrol	3.5	1998	2001	WS180
BMW	735i	Petrol	3.6	2001	2005	WS172
BMW	735i	Petrol	3.6	2002	2005	WS172
BMW	735i	Petrol	4.0	2005	2008	WS172
BMW	740e	Plug-in Hybrid/petrol	2.0	2016	2019	WS229
BMW	740e	Plug-in Hybrid/petrol	2.0	2016	2019	WS229
BMW	740e xDrive	Plug-in Hybrid/petrol	2.0	2016	2019	WS229
BMW	740i	Petrol	3.0	2008	2012	WS177
BMW	740i	Petrol	3.0	2008	2012	WS177
BMW	740i	Petrol	3.0	2010	2015	WS177
BMW	740i	Petrol	3.0	2015	2019	WS229
BMW	740i	Petrol	3.0	2015	2019	WS229
BMW	740i	Petrol	3.0	2019		WS229
BMW	740i	Petrol	3.0	2019		WS229
BMW	740i	Petrol	4.0	2005	2008	WS172
BMW	740i	Petrol	4.0	2005	2008	WS172
BMW	740i	Petrol	4.4	1996	2001	WS180
BMW	740i xDrive	Petrol	3.0	2016		WS229
BMW	740i xDrive	Petrol	3.0	2019		WS229
BMW	745e	Plug-in Hybrid/petrol	3.0	2019		WS229
BMW	745e	Plug-in Hybrid/petrol	3.0	2019		WS229
BMW	745e xDrive	Plug-in Hybrid/petrol	3.0	2019		WS229
BMW	745i	Petrol	4.4	2001	2005	WS172
BMW	745i	Petrol	4.4	2002	2005	WS172
BMW	745i	Petrol	4.4	2002	2008	WS172
BMW	750i	Petrol	4.4	2015	2019	WS229
BMW	750i	Petrol	4.4	2015	2019	WS229
BMW	750i	Petrol	4.8	2005	2008	WS172
BMW	750i	Petrol	4.8	2005	2008	WS172
BMW	750i xDrive	Petrol	4.4	2015	2019	WS229
BMW	750i xDrive	Petrol	4.4	2015	2019	WS229
BMW	750i xDrive	Petrol	4.4	2019		WS229
BMW	750i xDrive	Petrol	4.4	2019		WS229
BMW	760i	Petrol	6.0	2002	2008	WS172

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



Make	Model	Fuel	Stroke	Year From	Year Till	VVS
BMW	760i	Petrol	6.0	2003	2008	WS172
BMW	760i	Petrol	6.0	2003	2008	WS172
BMW	760i	Petrol	6.0	2003	2005	WS172
BMW	760i	Petrol	6.0	2003	2005	WS172
BMW	840i Cabrio	Petrol	3.0	2019	2020	WS229
BMW	840i Coupe	Petrol	3.0	2019		WS229
BMW	840i Gran Coupe	Petrol	3.0	2019	2020	WS229
BMW	840i xDrive Cabrio	Petrol	3.0	2019	2020	WS229
BMW	840i xDrive Coupe	Petrol	3.0	2019	2020	WS229
BMW	840i xDrive Gran Coupe	Petrol	3.0	2019		WS229
BMW	i8	Plug-in Hybrid/petrol	1.5	2014	2020	WS229
BMW	i8	Plug-in Hybrid/petrol	1.5	2018	2020	WS229
BMW	M Coupe	Petrol	3.0	2011	2012	WS177
BMW	M135i xDrive	Petrol	2.0	2019		WS229
BMW	M140i	Petrol	3.0	2015		WS229
BMW	M140i	Petrol	3.0	2016	2019	WS229
BMW	M140i	Petrol	3.0	2016	2019	WS229
BMW	M140i xDrive	Petrol	3.0	2015		WS229
BMW	M140i xDrive	Petrol	3.0	2016	2019	WS229
BMW	M235i xDrive Gran Coupe	Petrol	2.0	2019		WS229
BMW	M240i Cabrio	Petrol	3.0	2015		WS229
BMW	M240i Coupe	Petrol	3.0	2015		WS229
BMW	M240i xDrive Cabrio	Petrol	3.0	2015		WS229
BMW	M240i xDrive Coupe	Petrol	3.0	2015		WS229
BMW	M340i	Petrol	3.0	2019		WS229
BMW	M340i xDrive	Petrol	3.0	2019		WS229
BMW	M340i xDrive	Petrol	3.0	2019		WS229
BMW	M5	Petrol	4.4	2017		WS229
BMW	M5	Petrol	4.4	2018		WS229
BMW	M550i xDrive	Petrol	4.4	2017	2019	WS229
BMW	M550i xDrive	Petrol	4.4	2019		WS229
BMW	M8 Cabrio	Petrol	4.4	2019		WS229
BMW	M8 Cabrio	Petrol	4.4	2019		WS229
BMW	M8 Coupe	Petrol	4.4	2019		WS229
BMW	M8 Coupe	Petrol	4.4	2019		WS229
BMW	M8 Gran Coupe	Petrol	4.4	2019		WS229
BMW	M8 Gran Coupe	Petrol	4.4	2019		WS229
BMW	M850i xDrive Cabrio	Petrol	4.4	2019		WS229
BMW	M850i xDrive Coupe	Petrol	4.4	2018		WS229
BMW	M850i xDrive Gran Coupe	Petrol	4.4	2019		WS229
BMW	X1 sDrive 18i	Petrol	1.5	2015	2018	WS229
BMW	X1 sDrive 18i	Petrol	1.5	2017		WS229
BMW	X1 sDrive 18i	Petrol	1.5	2017		WS229
BMW	X1 sDrive 18i	Petrol	2.0	2010	2015	WS172
BMW	X1 sDrive 18i	Petrol	2.0	2010	2015	WS172
BMW	X1 sDrive 20i	Petrol	2.0	2015		WS229
BMW	X1 sDrive 20i	Petrol	2.0	2017		WS229
BMW	X1 xDrive 20i	Petrol	2.0	2015		WS229
BMW	X1 xDrive 25e	Plug-in Hybrid/petrol	1.5	2020		WS229
BMW	X1 xDrive 25i	Petrol	2.0	2015		WS229
BMW	X1 xDrive 25i	Petrol	3.0	2010	2011	WS177
BMW	X1 xDrive 28i	Petrol	3.0	2009	2011	WS177
BMW	X1 xDrive 28i	Petrol	3.0	2010	2011	WS177
BMW	X2 sDrive 18i	Petrol	1.5	2018		WS229
BMW	X2 sDrive 18i	Petrol	1.5	2018		WS229
BMW	X2 sDrive 20i	Petrol	2.0	2017		WS229
BMW	X2 sDrive 20i	Petrol	2.0	2020		WS229
BMW	X2 xDrive 20i	Petrol	2.0	2018	2020	WS229
BMW	X2 xDrive 20i	Petrol	2.0	2020		WS229
BMW	X2 xDrive M35i	Petrol	2.0	2018		WS229

BMW

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



BMW

Make	Model	Fuel	Stroke	Year From	Year Till	VVS
BMW	X3	Petrol	2.0	2005	2008	WS172
BMW	X3	Petrol	2.5	2004	2006	WS215
BMW	X3	Petrol	2.5	2006	2008	WS177
BMW	X3	Petrol	2.5	2006	2008	WS177
BMW	X3	Petrol	3.0	2003	2006	WS215
BMW	X3	Petrol	3.0	2006	2008	WS177
BMW	X3	Petrol	3.0	2007	2008	WS177
BMW	X3 M	Petrol	3.0	2019		WS229
BMW	X3 M	Petrol	3.0	2019		WS229
BMW	X3 sDrive 20i	Petrol	1.6	2017		WS229
BMW	X3 sDrive 20i	Petrol	2.0	2017		WS229
BMW	X3 xDrive 20i	Petrol	2.0	2008	2011	WS172
BMW	X3 xDrive 20i	Petrol	2.0	2017		WS229
BMW	X3 xDrive 20i	Petrol	2.0	2017		WS229
BMW	X3 xDrive 25i	Petrol	2.5	2008	2010	WS177
BMW	X3 xDrive 25i	Petrol	2.5	2008	2010	WS177
BMW	X3 xDrive 28i	Petrol	3.0	2011	2012	WS177
BMW	X3 xDrive 30e	Plug-in Hybrid/petrol	2.0	2019		WS229
BMW	X3 xDrive 30e	Plug-in Hybrid/petrol	2.0	2019		WS229
BMW	X3 xDrive 30i	Petrol	2.0	2017		WS229
BMW	X3 xDrive 30i	Petrol	2.0	2017		WS229
BMW	X3 xDrive 30i	Petrol	2.0	2017		WS229
BMW	X3 xDrive 30i	Petrol	3.0	2008	2010	WS177
BMW	X3 xDrive 30i	Petrol	3.0	2009	2010	WS177
BMW	X3 xDrive M40i	Petrol	3.0	2017	2019	WS229
BMW	X3 xDrive M40i	Petrol	3.0	2017	2019	WS229
BMW	X3 xDrive M40i	Petrol	3.0	2018	2019	WS229
BMW	X3 xDrive M40i	Petrol	3.0	2019		WS229
BMW	X3 xDrive M40i	Petrol	3.0	2019		WS229
BMW	X4 M	Petrol	3.0	2019		WS229
BMW	X4 M	Petrol	3.0	2019		WS229
BMW	X4 xDrive 20i	Petrol	2.0	2018		WS229
BMW	X4 xDrive 30i	Petrol	2.0	2018		WS229
BMW	X4 xDrive 30i	Petrol	2.0	2018		WS229
BMW	X4 xDrive M40i	Petrol	3.0	2018	2019	WS229
BMW	X4 xDrive M40i	Petrol	3.0	2018	2019	WS229
BMW	X5	Petrol	3.0	2000	2006	WS215
BMW	X5	Petrol	3.0	2006	2008	WS177
BMW	X5	Petrol	4.4	2000	2003	WS180
BMW	X5	Petrol	4.4	2003	2006	WS172
BMW	X5	Petrol	4.6	2001	2003	WS180
BMW	X5	Petrol	4.8	2004	2006	WS172
BMW	X5	Petrol	4.8	2006	2008	WS172
BMW	X5 M50i xDrive	Petrol	4.4	2019		WS229
BMW	X5 xDrive 30i	Petrol	3.0	2007	2010	WS177
BMW	X5 xDrive 30i	Petrol	3.0	2008	2010	WS177
BMW	X5 xDrive 40i	Petrol	3.0	2018		WS229
BMW	X5 xDrive 40i	Petrol	3.0	2019		WS229
BMW	X5 xDrive 45e	Plug-in Hybrid/petrol	3.0	2019		WS229
BMW	X5 xDrive 45e	Plug-in Hybrid/petrol	3.0	2019		WS229
BMW	X5 xDrive 48i	Petrol	4.8	2008	2010	WS172
BMW	X5 xDrive 50i	Petrol	4.4	2018		WS229
BMW	X6 xDrive 35i	Petrol	3.0	2008	2014	WS177
BMW	X6 xDrive 35i	Petrol	3.0	2008	2014	WS177
BMW	X6 xDrive 35i	Petrol	3.0	2009	2010	WS177
BMW	X6 xDrive 40i	Petrol	3.0	2019		WS229
BMW	X6 xDrive M50i	Petrol	4.4	2019		WS229
BMW	X7 xDrive 40i	Petrol	3.0	2019		WS229
BMW	X7 xDrive M50i	Petrol	4.4	2019		WS229
BMW	Z3 Cabrio	Petrol	2.0	1998	2000	WS215

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



Make	Model	Fuel	Stroke	Year From	Year Till	VVS
BMW	Z3 Cabrio	Petrol	2.2	2000	2003	VWS215
BMW	Z3 Cabrio	Petrol	2.2	2000	2002	VWS215
BMW	Z3 Cabrio	Petrol	2.8	1996	2000	VWS215
BMW	Z3 Cabrio	Petrol	3.0	2000	2002	VWS215
BMW	Z3 Coupe	Petrol	3.0	2000	2002	VWS215
BMW	Z4 Cabrio	Petrol	2.0	2005	2009	WS172
BMW	Z4 Cabrio	Petrol	2.2	2003	2005	VWS215
BMW	Z4 Cabrio	Petrol	2.5	2002	2005	VWS215
BMW	Z4 Cabrio	Petrol	2.5	2005	2009	WS177
BMW	Z4 Cabrio	Petrol	2.5	2005	2009	WS177
BMW	Z4 Cabrio	Petrol	2.5	2006	2008	WS177
BMW	Z4 Cabrio	Petrol	3.0	2002	2005	VWS215
BMW	Z4 Cabrio	Petrol	3.0	2006	2008	WS177
BMW	Z4 Coupe	Petrol	2.5	2006	2008	VWS215
BMW	Z4 Coupe	Petrol	3.0	2006	2008	WS177
BMW	Z4 M40i Cabrio	Petrol	3.0	2018		WS229
BMW	Z4 sDrive 20i Cabrio	Petrol	2.0	2018		WS229
BMW	Z4 sDrive 20i Cabrio	Petrol	2.0	2018		WS229
BMW	Z4 sDrive 23i Cabrio	Petrol	2.5	2009	2011	WS177
BMW	Z4 sDrive 25i Cabrio	Petrol	2.0	2019		WS229
BMW	Z4 sDrive 30i Cabrio	Petrol	2.0	2018		WS229
BMW	Z4 sDrive 30i Cabrio	Petrol	3.0	2009	2011	WS177
BMW	Z4 sDrive 30i Cabrio	Petrol	3.0	2009	2011	WS177
BMW	Z4 sDrive 35i Cabrio	Petrol	3.0	2009	2016	WS177
BMW	Z4 sDrive 35i Cabrio	Petrol	3.0	2009	2016	WS177
BMW	Z4 sDrive 35is Cabrio	Petrol	3.0	2010	2016	WS177

CHEVROLET

CHEVROLET	Aveo	Petrol	1.6	2011		VWS168
CHEVROLET	Aveo	Petrol	1.6	2011		VWS168
CHEVROLET	Captiva	Petrol	2.4	2011		WS103
CHEVROLET	Captiva	Petrol	2.4	2011		WS103
CHEVROLET	Cruze	Petrol	1.4	2012		VWS207
CHEVROLET	Cruze	Petrol	1.4	2012		VWS207
CHEVROLET	Cruze	Petrol	1.4	2012		VWS207
CHEVROLET	Cruze	Petrol	1.4	2013	2015	VWS207
CHEVROLET	Cruze	Petrol	1.4	2013	2015	VWS207
CHEVROLET	Cruze	Petrol	1.6	2009		VWS168
CHEVROLET	Cruze	Petrol	1.6	2009		VWS168
CHEVROLET	Cruze	Petrol	1.6	2009		VWS168
CHEVROLET	Cruze	Petrol	1.6	2011		VWS168
CHEVROLET	Cruze	Petrol	1.6	2012	2015	VWS168
CHEVROLET	Cruze	Petrol	1.6	2012		VWS168
CHEVROLET	Cruze	Petrol	1.6	2012		VWS168
CHEVROLET	Cruze	Petrol	1.6	2012		VWS168
CHEVROLET	Cruze	Petrol	1.6	2012		VWS168
CHEVROLET	Cruze	Petrol	1.6	2012	2015	VWS168
CHEVROLET	Cruze	Petrol	1.8	2009		VWS168
CHEVROLET	Cruze	Petrol	1.8	2011		VWS168
CHEVROLET	Cruze	Petrol	1.8	2011		VWS168
CHEVROLET	Cruze	Petrol	1.8	2012		VWS168
CHEVROLET	Cruze	LPG (with or without Petrol)	1.8	2010	2015	VWS168
CHEVROLET	Cruze	LPG (with or without Petrol)	1.8	2011	2015	VWS168
CHEVROLET	HHR	Petrol	2.2	2006	2007	VWS103
CHEVROLET	HHR	Petrol	2.2	2007	2008	VWS103
CHEVROLET	HHR	Petrol	2.4	2006	2011	VWS103
CHEVROLET	HHR	Petrol	2.4	2007	2011	VWS103
CHEVROLET	Malibu	Petrol	2.4	2011	2015	VWS103
CHEVROLET	Malibu	Petrol	2.4	2011	2016	VWS103
CHEVROLET	Malibu	Bio (ethanol) petrol or Methanol	2.4	2010	2012	VWS103
CHEVROLET	Orlando	Petrol	1.4	2012		VWS207
CHEVROLET	Orlando	Petrol	1.8	2011		VWS168

BMW

CHEVROLET

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



CHEVROLET

CHRYSLER

DODGE

HONDA

HYUNDAI

Make	Model	Fuel	Stroke	Year From	Year Till	VVS
CHEVROLET	Orlando	LPG (with or without Petrol)	1.8	2011	2015	VWS168
CHEVROLET	Tracker	Petrol	1.4	2013	2015	VWS207
CHEVROLET	Tracker	Petrol	1.8	2013		VWS168
CHEVROLET	Tracker	Petrol	1.8	2013		VWS168
CHRYSLER						
CHRYSLER	200	Petrol	2.4	2011	2014	VWS209
CHRYSLER	200	Petrol	2.4	2011	2014	VWS209
DODGE						
DODGE	Caliber	Petrol	1.8	2006	2011	VWS209
DODGE	Caliber	Petrol	2.0	2006	2011	VWS209
DODGE	Caliber	Petrol	2.4	2006	2011	VWS209
DODGE	Caliber	Petrol	2.4	2006	2011	VWS209
DODGE	Caliber	Petrol	2.4	2007	2011	VWS209
DODGE	Journey	Petrol	2.4	2009	2012	VWS209
DODGE	Journey	Petrol	2.4	2009	2012	VWS209
DODGE	Journey	Petrol	2.4	2012		VWS209
HONDA						
HONDA	Accord	Petrol	2.0	2003	2008	VWS147
HONDA	Accord Estate/Wagon	Petrol	2.0	2003	2008	VWS147
HONDA	Accord Estate/Wagon	Petrol	2.4	2003	2008	VWS147
HONDA	Civic	Petrol	1.8	2005	2011	VWS324
HONDA	Civic	Petrol	1.8	2005	2013	VWS324
HONDA	Civic S	Petrol	1.8	2006		VWS324
HONDA	CR-V	Petrol	2.0	2001	2007	VWS148
HONDA	CR-V	Petrol	2.0	2006	2012	VWS324
HONDA	CR-V	Petrol	2.0	2007	2012	VWS324
HONDA	CR-V	Petrol	2.4	2002	2006	VWS148
HONDA	CR-V	Petrol	2.4	2006	2012	VWS148
HONDA	CR-V	Petrol	2.4	2006	2012	VWS148
HONDA	CR-V	Petrol	2.4	2007	2012	VWS148
HONDA	CR-V	Petrol	2.4	2007	2012	VWS148
HONDA	CR-V	Petrol	2.4	2007	2012	VWS148
HONDA	FR-V	Petrol	1.8	2007	2009	VWS324
HONDA	FR-V	Petrol	2.0	2005	2006	VWS147
HYUNDAI						
HYUNDAI	Azera	Petrol	2.4	2011		VWS118
HYUNDAI	Azera	Petrol	2.4	2011		VWS118
HYUNDAI	Creta	Petrol	1.4	2020		VWS366
HYUNDAI	Creta	Petrol	1.6	2015		VWS163
HYUNDAI	Creta	Petrol	1.6	2016		VWS163
HYUNDAI	Elantra	Petrol	1.6	2006	2010	VWS224
HYUNDAI	Elantra	Petrol	1.6	2006	2011	VWS224
HYUNDAI	Grand i10	Petrol	1.0	2020		VWS366
HYUNDAI	i10	Petrol	1.0	2019		VWS366
HYUNDAI	i20	Petrol	1.0	2015		VWS366
HYUNDAI	i20	Petrol	1.0	2016		VWS366
HYUNDAI	i20	Petrol	1.0	2016		VWS366
HYUNDAI	i20	Petrol	1.0	2016		VWS366
HYUNDAI	i20	Petrol	1.0	2016		VWS366
HYUNDAI	i20	Petrol	1.4	2008	2014	VWS224
HYUNDAI	i20	Petrol	1.4	2014		VWS366
HYUNDAI	i20	Petrol	1.4	2014		VWS366
HYUNDAI	i20	Petrol	1.4	2015		VWS366
HYUNDAI	i20	Petrol	1.4	2015		VWS366
HYUNDAI	i20	Petrol	1.6	2008	2014	VWS224
HYUNDAI	i20	Petrol	1.6	2008	2014	VWS224
HYUNDAI	i20 Active	Petrol	1.0	2015		VWS366
HYUNDAI	i20 Active	Petrol	1.0	2015		VWS366
HYUNDAI	i20 Active	Petrol	1.4	2016		VWS366
HYUNDAI	i20 Active	Petrol	1.4	2018		VWS366

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



Make	Model	Fuel	Stroke	Year From	Year Till	VVS
HYUNDAI	i20 Cross	Petrol	1.4	2016		WS366
HYUNDAI	i20 Elite	Petrol	1.4	2016		WS366
HYUNDAI	i30	Petrol	1.0	2016		WS366
HYUNDAI	i30	Petrol	1.0	2016		WS366
HYUNDAI	i30	Petrol	1.0	2017		WS366
HYUNDAI	i30	Petrol	1.0	2017		WS366
HYUNDAI	i30	Petrol	1.4	2007	2011	WS224
HYUNDAI	i30	Petrol	1.4	2007	2011	WS224
HYUNDAI	i30	Petrol	1.4	2016		WS366
HYUNDAI	i30	Petrol	1.4	2016		WS366
HYUNDAI	i30	Petrol	1.4	2016		WS366
HYUNDAI	i30	Petrol	1.4	2017		WS366
HYUNDAI	i30	Petrol	1.4	2017		WS366
HYUNDAI	i30	Petrol	1.4	2017		WS366
HYUNDAI	i30	Petrol	1.4	2017		WS366
HYUNDAI	i30	Petrol	1.4	2017		WS366
HYUNDAI	i30	Petrol	1.6	2007	2012	WS224
HYUNDAI	i30	Petrol	1.6	2007	2011	WS224
HYUNDAI	i30	Petrol	1.6	2008	2011	WS224
HYUNDAI	i30	Mild Hybrid/petrol	1.0	2020		WS366
HYUNDAI	i30	Mild Hybrid/petrol	1.0	2020		WS366
HYUNDAI	i30 CW	Petrol	1.4	2007	2012	WS224
HYUNDAI	i30 CW	Petrol	1.4	2009	2012	WS224
HYUNDAI	i30 CW	Petrol	1.6	2008	2012	WS224
HYUNDAI	i30 CW	Petrol	1.6	2008	2012	WS224
HYUNDAI	i30 CW	Petrol	1.6	2008	2012	WS224
HYUNDAI	i30 Fastback	Petrol	1.0	2017		WS366
HYUNDAI	i30 Fastback	Petrol	1.4	2017		WS366
HYUNDAI	i30 Fastback	Mild Hybrid/petrol	1.0	2020		WS366
HYUNDAI	Ioniq	Full Hybrid/petrol	1.6	2016		WS370
HYUNDAI	iX35	Petrol	2.0	2009	2013	WS133
HYUNDAI	iX35	Petrol	2.0	2009	2013	WS133
HYUNDAI	iX35	Petrol	2.0	2009	2013	WS133
HYUNDAI	iX35	Petrol	2.0	2009	2013	WS133
HYUNDAI	iX35	Petrol	2.0	2010	2013	WS133
HYUNDAI	iX35	Petrol	2.4	2009	2015	WS133
HYUNDAI	iX35	Petrol	2.4	2009	2015	WS133
HYUNDAI	iX35	Petrol	2.4	2014	2015	WS133
HYUNDAI	Kona	Full Hybrid/petrol	1.6	2019		WS366
HYUNDAI	Kona	Full Hybrid/petrol	1.6	2019		WS366
HYUNDAI	Santa Fe	Petrol	2.4	2009	2012	WS133
HYUNDAI	Santa Fe	Petrol	2.4	2009	2013	WS133
HYUNDAI	Santa Fe	Petrol	2.4	2009	2012	WS133
HYUNDAI	Sonata	Petrol	2.0	2008	2010	WS133
HYUNDAI	Sonata	Petrol	2.0	2009	2010	WS133
HYUNDAI	Sonata	Petrol	2.0	2009	2014	WS133
HYUNDAI	Sonata	Petrol	2.0	2012	2014	WS118
HYUNDAI	Sonata	Petrol	2.4	2009	2010	WS133
HYUNDAI	Sonata	Petrol	2.4	2010	2014	WS133
HYUNDAI	Sonata	Petrol	2.4	2010	2014	WS133
HYUNDAI	Tucson	Petrol	2.0	2009		WS133
HYUNDAI	Tucson	Petrol	2.0	2009	2015	WS133
HYUNDAI	Tucson	Petrol	2.0	2010		WS133
HYUNDAI	Tucson	Petrol	2.0	2010	2013	WS133
HYUNDAI	Tucson	Petrol	2.0	2014	2015	WS133
HYUNDAI	Tucson	Petrol	2.4	2009	2015	WS133
JAGUAR						
JAGUAR	F-Pace	Petrol	2.0	2016		WS237
JAGUAR	F-Pace	Petrol	2.0	2017		WS237
JAGUAR	F-Pace	Petrol	2.0	2017		WS237
JAGUAR	F-Pace	Petrol	2.0	2017		WS237

HYUNDAI

JAGUAR

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



JAGUAR

JEEP

KIA

Make	Model	Fuel	Stroke	Year From	Year Till	VVS
JAGUAR	XE	Petrol	2.0	2015		WS237
JAGUAR	XE	Petrol	2.0	2015		WS237
JAGUAR	XE	Petrol	2.0	2017		WS237
JAGUAR	XE	Petrol	2.0	2017		WS237
JAGUAR	XE	Petrol	2.0	2017		WS237
JAGUAR	XE	Petrol	2.0	2017		WS237
JAGUAR	XF	Petrol	2.0	2012	2015	WS237
JAGUAR	XF	Petrol	2.0	2015		WS237
JAGUAR	XF	Petrol	2.0	2017		WS237
JAGUAR	XF	Petrol	2.0	2017		WS237
JAGUAR	XF	Petrol	2.0	2017		WS237
JAGUAR	XF Sportbrake	Petrol	2.0	2017		WS237
JAGUAR	XF Sportbrake	Petrol	2.0	2017		WS237
JAGUAR	XF Sportbrake	Petrol	2.0	2018		WS237
JAGUAR	XJ	Petrol	2.0	2012		WS237
JEEP						
JEEP	Compass	Petrol	2.0	2011		WS209
JEEP	Compass	Petrol	2.0	2012		WS209
JEEP	Compass	Petrol	2.0	2012		WS209
JEEP	Compass	Petrol	2.4	2007		WS209
JEEP	Compass	Petrol	2.4	2007		WS209
JEEP	Compass	Petrol	2.4	2015		WS209
JEEP	Compass	Petrol	2.4	2017		WS209
JEEP	Compass	Petrol	2.4	2017		WS209
JEEP	Compass	Petrol	2.4	2017		WS209
JEEP	Patriot	Petrol	2.0	2007	2017	WS209
JEEP	Patriot	Petrol	2.0	2007	2017	WS209
JEEP	Patriot	Petrol	2.4	2007	2017	WS209
JEEP	Patriot	Petrol	2.4	2007	2017	WS209
KIA						
KIA	Carens	Petrol	2.0	2006	2013	WS118
KIA	Carens	Petrol	2.0	2009	2013	WS118
KIA	Carens	LPG (with or without Petrol)	2.0	2006	2008	WS118
KIA	Carens	LPG (with or without Petrol)	2.0	2009	2013	WS118
KIA	Ceed	Petrol	1.4	2018		WS364
KIA	Ceed	Petrol	1.4	2018		WS364
KIA	Ceed	Petrol	1.4	2018		WS364
KIA	Ceed	Petrol	1.4	2018		WS364
KIA	Cerato	Petrol	1.6	2009		WS224
KIA	Cerato	Petrol	1.6	2009	2013	WS158
KIA	Cerato	Petrol	1.6	2010	2013	WS158
KIA	Cerato	Petrol	1.6	2010	2014	WS158
KIA	Cerato	Petrol	2.0	2009	2013	WS118
KIA	Cerato	Petrol	2.0	2009	2013	WS118
KIA	Cerato	Petrol	2.0	2010	2013	WS118
KIA	Cerato	Petrol	2.0	2013	2014	WS118
KIA	Cerato Koup	Petrol	1.6	2009	2013	WS158
KIA	Cerato Koup	Petrol	1.6	2010	2013	WS158
KIA	Cerato Koup	Petrol	1.6	2013		WS163
KIA	Cerato Koup	Petrol	1.6	2014		WS163
KIA	Cerato Koup	Petrol	2.0	2009	2013	WS118
KIA	Cerato Koup	Petrol	2.0	2009	2014	WS118
KIA	Forte	Petrol	1.6	2009	2013	WS158
KIA	Forte	Petrol	1.6	2009	2013	WS158
KIA	Forte	Petrol	1.6	2014		WS163
KIA	Forte	Petrol	2.0	2009	2013	WS118
KIA	Forte Koup	Petrol	2.0	2009	2011	WS118

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



Make	Model	Fuel	Stroke	Year From	Year Till	VVS
KIA	Optima	Petrol	2.0	2011	2015	WS118
KIA	Optima	Petrol	2.0	2012	2015	WS118
KIA	Optima	Petrol	2.0	2012	2015	WS118
KIA	Optima	Petrol	2.0	2013	2015	WS118
KIA	Optima	Petrol	2.0	2014	2015	WS118
KIA	Optima	Petrol	2.0	2015		WS118
KIA	Optima	Petrol	2.0	2015		WS118
KIA	Optima	Petrol	2.0	2015		WS118
KIA	Optima	Petrol	2.0	2015		WS118
KIA	Picanto	Petrol	1.0	2017		WS364
KIA	Picanto	Petrol	1.0	2017		WS364
KIA	Picanto	Petrol	1.0	2017		WS364
KIA	Picanto X-Line	Petrol	1.0	2017		WS364
KIA	Rio	Petrol	1.4	2017		WS364
KIA	Rio	Petrol	1.4	2017		WS364
KIA	Rio	Petrol	1.4	2017		WS364
KIA	Rio	Petrol	1.4	2017		WS364
KIA	Rio X-Line	Petrol	1.4	2017		WS364
KIA	Sorento	Petrol	2.4	2012	2015	WS118
KIA	Sorento	Petrol	2.4	2012	2015	WS118
KIA	Sorento	Petrol	2.4	2015		WS118
KIA	Sorento	Petrol	2.4	2015		WS118
KIA	Stonic	Petrol	1.4	2017		WS364
LAND ROVER						
LAND ROVER	Discovery Sport	Petrol	2.0	2014		WS237
LAND ROVER	Discovery Sport	Petrol	2.0	2017		WS237
LAND ROVER	Discovery Sport	Petrol	2.0	2017		WS237
LAND ROVER	Discovery Sport	Petrol	2.0	2017		WS237
LAND ROVER	Discovery Sport	Petrol	2.0	2017		WS237
LAND ROVER	Discovery Sport	Petrol	2.0	2017		WS237
LAND ROVER	Discovery Sport	Petrol	2.0	2019		WS237
LAND ROVER	Discovery Sport	Petrol	2.0	2020		WS237
LAND ROVER	Discovery Sport	Bio (ethanol) petrol or Methanol	2.0	2018		WS237
LAND ROVER	Freelander	Petrol	2.0	2011	2014	WS237
LAND ROVER	Freelander	Petrol	3.2	2006	2014	WS194
LAND ROVER	LR2	Petrol	2.0	2011	2014	WS237
LAND ROVER	LR2	Petrol	3.2	2006	2014	WS194
LAND ROVER	Range Rover Evoque	Petrol	2.0	2011	2019	WS237
LAND ROVER	Range Rover Evoque	Petrol	2.0	2011	2019	WS237
LAND ROVER	Range Rover Evoque	Petrol	2.0	2013	2019	WS237
LAND ROVER	Range Rover Evoque	Petrol	2.0	2015	2019	WS237
LAND ROVER	Range Rover Evoque	Petrol	2.0	2017	2019	WS237
LAND ROVER	Range Rover Evoque	Petrol	2.0	2017	2019	WS237
LAND ROVER	Range Rover Evoque	Petrol	2.0	2017	2019	WS237
LAND ROVER	Range Rover Sport	Petrol	2.0	2017		WS237
LEXUS						
LEXUS	ES 350	Petrol	3.5	2006	2012	WS108
LEXUS	ES 350	Petrol	3.5	2012	2018	WS108
LEXUS	ES 350	Petrol	3.5	2012	2018	WS108
LEXUS	ES 350	Petrol	3.5	2014	2018	WS108
LEXUS	GS 300	Petrol	3.0	2005	2011	WS108
LEXUS	GS 300	Petrol	3.0	2005	2011	WS108
LEXUS	GS 430	Petrol	4.3	2000	2005	WS124
LEXUS	GS 430	Petrol	4.3	2005	2011	WS124
LEXUS	GS 430	Petrol	4.3	2005	2011	WS124
LEXUS	GS 450h	Full Hybrid/petrol	3.5	2006	2011	WS108
LEXUS	LS 430	Petrol	4.3	2000	2006	WS124
LEXUS	LS 430	Petrol	4.3	2000	2006	WS124
LEXUS	LX 570	Petrol	5.7	2007		WS130
LEXUS	LX 570	Petrol	5.7	2007		WS130

KIA

LAND ROVER

LEXUS

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



LEXUS

MAZDA

MERCEDES-BENZ

MINI

Make	Model	Fuel	Stroke	Year From	Year Till	VVS
LEXUS	LX 570	Petrol	5.7	2008		WS130
LEXUS	LX 570	Petrol	5.7	2015		WS130
LEXUS	RX 350	Petrol	3.5	2006	2009	WS108
LEXUS	RX 350	Petrol	3.5	2008	2015	WS108
LEXUS	RX 350	Petrol	3.5	2009	2015	WS108
LEXUS	RX 350	Petrol	3.5	2009	2015	WS108
LEXUS	SC 430	Petrol	4.3	2001	2010	WS124
LEXUS	SC 430	Petrol	4.3	2001	2010	WS124
LEXUS	SC 430	Petrol	4.3	2009	2010	WS124
MAZDA						
MAZDA	2	Petrol	1.3	2007	2014	WS350
MAZDA	2	Petrol	1.3	2007	2014	WS350
MAZDA	2	Petrol	1.3	2010	2015	WS350
MAZDA	2	Petrol	1.3	2010	2014	WS350
MAZDA	2	Petrol	1.5	2007	2014	WS350
MAZDA	2	Petrol	1.5	2007	2014	WS350
MAZDA	2	Petrol	1.5	2010	2015	WS350
MAZDA	2	Petrol	1.5	2011	2014	WS350
MAZDA	3	Petrol	1.6	2008	2014	WS350
MAZDA	3	Petrol	1.6	2008	2014	WS350
MAZDA	3	Petrol	1.6	2013		WS350
MAZDA	3	Petrol	1.6	2013		WS350
MAZDA	3 Sport	Petrol	1.6	2013	2014	WS350
MERCEDES-BENZ						
MERCEDES-BENZ	C180	Petrol	1.8	2007	2014	WS227
MERCEDES-BENZ	C180	Petrol	1.8	2007	2014	WS227
MERCEDES-BENZ	C180	Petrol	1.8	2011	2014	WS227
MERCEDES-BENZ	C200	Petrol	1.8	2007	2014	WS227
MERCEDES-BENZ	C200	Petrol	1.8	2007	2014	WS227
MERCEDES-BENZ	C200	Petrol	1.8	2009	2014	WS227
MERCEDES-BENZ	C200	Petrol	1.8	2011	2014	WS227
MERCEDES-BENZ	C250	Petrol	1.8	2009	2014	WS227
MERCEDES-BENZ	C250	Petrol	1.8	2009	2014	WS227
MERCEDES-BENZ	C250	Petrol	1.8	2011	2014	WS227
MERCEDES-BENZ	E200	Petrol	1.8	2009	2015	WS227
MERCEDES-BENZ	E200	Petrol	1.8	2009	2016	WS227
MERCEDES-BENZ	E200	Petrol	1.8	2009	2016	WS227
MERCEDES-BENZ	E200	Petrol	1.8	2010	2016	WS227
MERCEDES-BENZ	E250	Petrol	1.8	2009	2013	WS227
MERCEDES-BENZ	E250	Petrol	1.8	2009	2015	WS227
MERCEDES-BENZ	E250	Petrol	1.8	2009	2016	WS227
MERCEDES-BENZ	SLK200	Petrol	1.8	2010	2016	WS227
MERCEDES-BENZ	SLK250	Petrol	1.8	2011		WS227
MINI						
MINI	Mini Clubman	Petrol	1.4	2009	2010	WS173
MINI	Mini Clubman	Petrol	1.5	2015		WS229
MINI	Mini Clubman	Petrol	1.5	2015		WS229
MINI	Mini Clubman	Petrol	1.6	2007	2010	WS173
MINI	Mini Clubman	Petrol	1.6	2007	2013	WS173
MINI	Mini Clubman	Petrol	1.6	2007	2014	WS173
MINI	Mini Clubman	Petrol	1.6	2008	2015	WS173
MINI	Mini Clubman	Petrol	1.6	2008	2010	WS173
MINI	Mini Clubman	Petrol	1.6	2010	2014	WS173
MINI	Mini Clubman	Petrol	1.6	2010	2014	WS173
MINI	Mini Clubman	Petrol	1.6	2010	2015	WS173
MINI	Mini Clubman	Petrol	1.6	2010	2015	WS173
MINI	Mini Clubman	Petrol	1.6	2010	2015	WS173
MINI	Mini Clubman	Petrol	1.6	2010	2015	WS173
MINI	Mini Clubman	Petrol	1.6	2010	2015	WS173
MINI	Mini Clubman	Petrol	2.0	2014		WS229
MINI	Mini Clubman	Petrol	2.0	2014		WS229

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



Make	Model	Fuel	Stroke	Year From	Year Till	VVS
MINI	Mini Clubman	Petrol	2.0	2014		WS229
MINI	Mini Clubman	Petrol	2.0	2014		WS229
MINI	Mini Clubman	Petrol	2.0	2015		WS229
MINI	Mini Clubman	Petrol	2.0	2015	2019	WS229
MINI	Mini Clubman	Petrol	2.0	2016		WS229
MINI	Mini Clubvan	Petrol	1.6	2012	2015	WS173
MINI	Mini Clubvan	Petrol	1.6	2012	2015	WS173
MINI	Mini Cooper	Petrol	1.5	2013		WS229
MINI	Mini Cooper	Petrol	1.5	2015		WS229
MINI	Mini Cooper	Petrol	1.6	2006	2013	WS173
MINI	Mini Cooper	Petrol	1.6	2006	2013	WS173
MINI	Mini Cooper	Petrol	1.6	2006	2011	WS173
MINI	Mini Cooper	Petrol	1.6	2006	2011	WS173
MINI	Mini Cooper	Petrol	1.6	2006	2014	WS173
MINI	Mini Cooper	Petrol	1.6	2007	2013	WS173
MINI	Mini Cooper	Petrol	1.6	2008	2013	WS173
MINI	Mini Cooper	Petrol	1.6	2008	2014	WS173
MINI	Mini Cooper	Petrol	1.6	2008	2010	WS173
MINI	Mini Cooper	Petrol	1.6	2008	2015	WS173
MINI	Mini Cooper	Petrol	1.6	2009	2010	WS173
MINI	Mini Cooper	Petrol	1.6	2009	2011	WS173
MINI	Mini Cooper	Petrol	1.6	2009	2014	WS173
MINI	Mini Cooper	Petrol	1.6	2010	2013	WS173
MINI	Mini Cooper	Petrol	1.6	2010	2014	WS173
MINI	Mini Cooper	Petrol	1.6	2010	2014	WS173
MINI	Mini Cooper	Petrol	1.6	2010	2014	WS173
MINI	Mini Cooper	Petrol	1.6	2010	2015	WS173
MINI	Mini Cooper	Petrol	1.6	2012	2013	WS173
MINI	Mini Cooper	Petrol	2.0	2013		WS229
MINI	Mini Cooper	Petrol	2.0	2013		WS229
MINI	Mini Cooper	Petrol	2.0	2014		WS229
MINI	Mini Cooper	Petrol	2.0	2014		WS229
MINI	Mini Cooper	Petrol	2.0	2014		WS229
MINI	Mini Cooper	Petrol	2.0	2015		WS229
MINI	Mini Cooper	Petrol	2.0	2015		WS229
MINI	Mini Cooper	Petrol	2.0	2015		WS229
MINI	Mini Cooper	Petrol	2.0	2016		WS229
MINI	Mini Countryman	Petrol	1.5	2016		WS229
MINI	Mini Countryman	Petrol	1.5	2016		WS229
MINI	Mini Countryman	Petrol	1.5	2017		WS229
MINI	Mini Countryman	Petrol	1.6	2010	2016	WS173
MINI	Mini Countryman	Petrol	1.6	2010	2016	WS173
MINI	Mini Countryman	Petrol	1.6	2010	2016	WS173
MINI	Mini Countryman	Petrol	1.6	2010	2016	WS173
MINI	Mini Countryman	Petrol	1.6	2010	2016	WS173
MINI	Mini Countryman	Petrol	1.6	2010	2016	WS173
MINI	Mini Countryman	Petrol	1.6	2012	2016	WS173
MINI	Mini Countryman	Petrol	1.6	2013	2016	WS173
MINI	Mini Countryman	Petrol	1.6	2014	2016	WS173
MINI	Mini Countryman	Petrol	1.6	2014	2016	WS173
MINI	Mini Countryman	Petrol	1.6	2014	2016	WS173
MINI	Mini Countryman	Petrol	1.6	2014	2016	WS173
MINI	Mini Countryman	Petrol	2.0	2016		WS229
MINI	Mini Countryman	Petrol	2.0	2016		WS229
MINI	Mini Countryman	Petrol	2.0	2016		WS229
MINI	Mini Countryman	Petrol	2.0	2016		WS229
MINI	Mini Countryman	Petrol	2.0	2017	2019	WS229
MINI	Mini Countryman	Petrol	2.0	2020		WS229
MINI	Mini Countryman	Petrol	2.0	2020		WS229

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



MINI

MITSUBISHI

Make	Model	Fuel	Stroke	Year From	Year Till	VVS
MINI	Mini Countryman	Plug-in Hybrid/petrol	1.5	2017		WS229
MINI	Mini Coupe	Petrol	1.6	2011		WS173
MINI	Mini Coupe	Petrol	1.6	2011		WS173
MINI	Mini Coupe	Petrol	1.6	2011		WS173
MINI	Mini Coupe	Petrol	1.6	2011		WS173
MINI	Mini Coupe	Petrol	1.6	2011		WS173
MINI	Mini Coupe	Petrol	1.6	2011		WS173
MINI	Mini One	Petrol	1.2	2014	2017	WS229
MINI	Mini One	Petrol	1.2	2014	2017	WS229
MINI	Mini One	Petrol	1.2	2016	2017	WS229
MINI	Mini One	Petrol	1.4	2006	2010	WS173
MINI	Mini One	Petrol	1.4	2009	2010	WS173
MINI	Mini One	Petrol	1.5	2017		WS229
MINI	Mini One	Petrol	1.5	2017		WS229
MINI	Mini One	Petrol	1.5	2017		WS229
MINI	Mini One	Petrol	1.5	2017		WS229
MINI	Mini One	Petrol	1.6	2010	2013	WS173
MINI	Mini One	Petrol	1.6	2010	2013	WS173
MINI	Mini One	Petrol	1.6	2010	2014	WS173
MINI	Mini One	LPG (with or without Petrol)	1.4	2009	2010	WS173
MINI	Mini Paceman	Petrol	1.6	2012	2016	WS173
MINI	Mini Paceman	Petrol	1.6	2013	2016	WS173
MINI	Mini Paceman	Petrol	1.6	2013	2016	WS173
MINI	Mini Paceman	Petrol	1.6	2013	2016	WS173
MINI	Mini Paceman	Petrol	1.6	2013	2016	WS173
MINI	Mini Paceman	Petrol	1.6	2013	2016	WS173
MINI	Mini Paceman	Petrol	1.6	2013	2016	WS173
MINI	Mini Paceman	Petrol	1.6	2013	2016	WS173
MINI	Mini Paceman	Petrol	1.6	2013	2016	WS173
MINI	Mini Paceman	Petrol	1.6	2014	2016	WS173
MINI	Mini Paceman	Petrol	1.6	2014	2016	WS173
MINI	Mini Paceman	Petrol	1.6	2014	2016	WS173
MINI	Mini Roadster	Petrol	1.6	2012		WS173
MINI	Mini Roadster	Petrol	1.6	2012		WS173
MINI	Mini Roadster	Petrol	1.6	2012		WS173
MINI	Mini Roadster	Petrol	1.6	2012		WS173
MINI	Mini Roadster	Petrol	1.6	2012		WS173
MINI	Mini Roadster	Petrol	1.6	2012		WS173
MITSUBISHI						
MITSUBISHI	Lancer	Petrol	1.8	2007		WS208
MITSUBISHI	Lancer	Petrol	1.8	2009		WS208
MITSUBISHI	Lancer	Petrol	1.8	2010		WS208
MITSUBISHI	Lancer	Petrol	2.0	2007		WS208
MITSUBISHI	Lancer	Petrol	2.0	2007		WS208
MITSUBISHI	Lancer	Petrol	2.0	2008		WS208
MITSUBISHI	Lancer	Petrol	2.0	2008		WS208
MITSUBISHI	Lancer	Petrol	2.0	2009		WS208
MITSUBISHI	Lancer	LPG (with or without Petrol)	1.8	2009		WS208
MITSUBISHI	Lancer	Bio (ethanol) petrol or Methanol	1.8	2009		WS208
MITSUBISHI	Lancer	Bio (ethanol) petrol or Methanol	1.8	2010		WS208
MITSUBISHI	Lancer Evolution	Petrol	2.0	2007	2015	WS208
MITSUBISHI	Lancer Evolution	Petrol	2.0	2007		WS208
MITSUBISHI	Lancer Evolution	Petrol	2.0	2007		WS208
MITSUBISHI	Lancer Evolution	Petrol	2.0	2008		WS208
MITSUBISHI	Lancer Evolution	Petrol	2.0	2008		WS208
MITSUBISHI	Lancer Evolution	Petrol	2.0	2008		WS208
MITSUBISHI	Lancer Evolution	Petrol	2.0	2009	2010	WS208
MITSUBISHI	Lancer Evolution	Petrol	2.0	2009		WS208
MITSUBISHI	Lancer Fortis	Petrol	1.8	2007		WS208
MITSUBISHI	Lancer Sportback	Petrol	1.8	2008	2011	WS208
MITSUBISHI	Lancer Sportback	Petrol	1.8	2009		WS208
MITSUBISHI	Lancer Sportback	Petrol	2.0	2008		WS208
MITSUBISHI	Lancer Sportback	LPG (with or without Petrol)	1.8	2009		WS208

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



Make	Model	Fuel	Stroke	Year From	Year Till	VVS
MITSUBISHI	Lancer Sportback	Bio (ethanol) petrol or Methanol	1.8	2009		VWS208
MITSUBISHI	Outlander	Petrol	2.0	2006	2012	VWS208
MITSUBISHI	Outlander	Petrol	2.0	2006	2013	VWS208
MITSUBISHI	Outlander	Petrol	2.4	2006	2013	VWS208
MITSUBISHI	Outlander	Petrol	2.4	2007	2013	VWS208
MITSUBISHI	Outlander	Bio (ethanol) petrol or Methanol	2.4	2007	2010	VWS208
NISSAN						
NISSAN	Almera	Petrol	1.5	2012		VWS141
NISSAN	Altima	Petrol	2.5	2006	2012	VWS191
NISSAN	Altima	Petrol	2.5	2010	2012	VWS191
NISSAN	Juke	Petrol	1.6	2010		VWS141
NISSAN	Juke	Petrol	1.6	2010		VWS191
NISSAN	Juke	Petrol	1.6	2010		VWS191
NISSAN	Juke	Petrol	1.6	2012		VWS191
NISSAN	Juke	Petrol	1.6	2012		VWS191
NISSAN	Juke	Petrol	1.6	2013		VWS191
NISSAN	Juke	Petrol	1.6	2013		VWS141
NISSAN	Juke	Petrol	1.6	2013		VWS141
NISSAN	Juke	Petrol	1.6	2014		VWS141
NISSAN	Juke	Petrol	1.6	2014		VWS191
NISSAN	Juke	Petrol	1.6	2014		VWS191
NISSAN	Juke	LPG (with or without Petrol)	1.6	2012		VWS141
NISSAN	Micra	Petrol	1.5	2011		VWS141
NISSAN	Micra	Petrol	1.2	2010		VWS141
NISSAN	Micra	Petrol	1.2	2010		VWS141
NISSAN	Micra	Petrol	1.2	2013		VWS141
NISSAN	Micra	Petrol	1.5	2010		VWS141
NISSAN	Micra	Petrol	1.5	2011		VWS141
NISSAN	Micra	Petrol	1.5	2011		VWS141
NISSAN	Micra	LPG (with or without Petrol)	1.2	2010	2015	VWS141
NISSAN	Murano	Full Hybrid/petrol	2.5	2016		VWS193
NISSAN	NV200	Petrol	1.6	2009		VWS141
NISSAN	NV200 Evalia	Petrol	1.6	2009		VWS141
NISSAN	Pathfinder	Full Hybrid/petrol	2.5	2014		VWS193
NISSAN	Pulsar	Petrol	1.6	2015		VWS193
NISSAN	Qashqai	Petrol	1.6	2006	2014	VWS141
NISSAN	Qashqai	Petrol	1.6	2007	2014	VWS141
NISSAN	Qashqai	Petrol	1.6	2010	2014	VWS141
NISSAN	Qashqai	Petrol	1.6	2013	2014	VWS141
NISSAN	Qashqai	Petrol	1.6	2014		VWS193
NISSAN	Qashqai	Petrol	2.0	2007	2014	VWS140
NISSAN	Qashqai	Petrol	2.0	2007	2014	VWS140
NISSAN	Qashqai	Petrol	2.0	2007	2014	VWS140
NISSAN	Qashqai	Petrol	2.0	2013	2014	VWS140
NISSAN	Qashqai	Petrol	2.0	2013	2014	VWS140
NISSAN	Qashqai	Petrol	2.0	2013		VWS193
NISSAN	Qashqai	Petrol	2.0	2013		VWS193
NISSAN	Qashqai	Petrol	2.0	2015		VWS193
NISSAN	Qashqai	Petrol	2.0	2015		VWS193
NISSAN	Qashqai	Petrol	2.0	2015		VWS193
NISSAN	Qashqai	Petrol	2.0	2015		VWS193
NISSAN	Qashqai	Petrol	2.0	2018		VWS193
NISSAN	Qashqai	LPG (with or without Petrol)	1.6	2011	2014	VWS141
NISSAN	Qashqai+2	Petrol	1.6	2007	2013	VWS141
NISSAN	Qashqai+2	Petrol	1.6	2008	2013	VWS141
NISSAN	Qashqai+2	Petrol	1.6	2010	2013	VWS141
NISSAN	Qashqai+2	Petrol	1.6	2013	2013	VWS141
NISSAN	Qashqai+2	Petrol	2.0	2008	2013	VWS140
NISSAN	Qashqai+2	Petrol	2.0	2008	2014	VWS140
NISSAN	Qashqai+2	Petrol	2.0	2008	2014	VWS140
NISSAN	Qashqai+2	Petrol	2.0	2008	2014	VWS140
NISSAN	Qashqai+2	Petrol	2.0	2010	2013	VWS141
NISSAN	Qashqai+2	Petrol	2.0	2013	2013	VWS141
NISSAN	Qashqai+2	Petrol	2.0	2008	2013	VWS140
NISSAN	Qashqai+2	Petrol	2.0	2008	2014	VWS140
NISSAN	Qashqai+2	Petrol	2.0	2008	2014	VWS140
NISSAN	Qashqai+2	Petrol	2.0	2010	2014	VWS140

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



NISSAN

OPEL

Make	Model	Fuel	Stroke	Year From	Year Till	VVS
NISSAN	Qashqai+2	Petrol	2.0	2010	2014	WS140
NISSAN	Qashqai+2	Petrol	2.0	2013	2013	WS140
NISSAN	Rogue	Petrol	2.5	2007	2014	WS191
NISSAN	Rogue	Petrol	2.5	2007	2014	WS191
NISSAN	Rogue	Petrol	2.5	2010	2013	WS191
NISSAN	Rogue	Petrol	2.5	2010	2013	WS191
NISSAN	Rogue	Petrol	2.5	2010	2013	WS191
NISSAN	Rogue	Petrol	2.5	2010	2013	WS191
NISSAN	Sentra	Petrol	1.6	2014		WS141
NISSAN	Sentra (USA)	Petrol	1.6	2013		WS141
NISSAN	Sentra (USA)	Petrol	1.6	2013		WS141
NISSAN	Sunny	Petrol	1.5	2011		WS141
NISSAN	Sunny	Petrol	1.5	2012		WS141
NISSAN	Sunny	Petrol	1.6	2011		WS141
NISSAN	Teana	Petrol	2.5	2010	2013	WS191
NISSAN	Teana	Petrol	2.5	2010	2013	WS191
NISSAN	Tiida	Petrol	1.6	2007	2013	WS141
NISSAN	Tiida	Petrol	1.6	2015		WS141
NISSAN	Tiida	Petrol	1.8	2006	2012	WS140
NISSAN	Tiida	Petrol	1.8	2006	2011	WS140
NISSAN	Tiida	Petrol	1.8	2006	2013	WS140
NISSAN	Tiida	Bio (ethanol) petrol or Methanol	1.8	2009	2011	WS140
NISSAN	Versa	Petrol	1.6	2011		WS141
NISSAN	Versa	Bio (ethanol) petrol or Methanol	1.6	2011		WS141
NISSAN	X-Trail	Petrol	1.6	2015		WS193
NISSAN	X-Trail	Petrol	2.0	2007	2014	WS140
NISSAN	X-Trail	Petrol	2.0	2007	2014	WS140
NISSAN	X-Trail	Petrol	2.0	2008	2013	WS140
NISSAN	X-Trail	Petrol	2.0	2008	2013	WS140
NISSAN	X-Trail	Petrol	2.0	2014		WS193
NISSAN	X-Trail	Petrol	2.0	2014		WS193
NISSAN	X-Trail	Petrol	2.0	2014		WS193
NISSAN	X-Trail	Petrol	2.0	2015		WS193
NISSAN	X-Trail	Petrol	2.0	2015		WS193
NISSAN	X-Trail	Petrol	2.0	2015		WS193
NISSAN	X-Trail	Petrol	2.5	2007	2014	WS191
NISSAN	X-Trail	Petrol	2.5	2007	2018	WS191
NISSAN	X-Trail	Petrol	2.5	2007	2014	WS191
NISSAN	X-Trail	Bio (ethanol) petrol or Methanol	2.0	2014		WS193
NISSAN	X-Trail	Bio (ethanol) petrol or Methanol	2.0	2014		WS193
OPEL						
OPEL	Adam	Petrol	1.2	2012	2019	WS207
OPEL	Adam	Petrol	1.4	2012	2019	WS207
OPEL	Adam	Petrol	1.4	2014	2019	WS207
OPEL	Adam	LPG (with or without Petrol)	1.4	2013	2018	WS207
OPEL	Antara	Petrol	2.4	2010		WS103
OPEL	Antara	Petrol	2.4	2010		WS103
OPEL	Astra	Petrol	1.4	2009	2015	WS207
OPEL	Astra	Petrol	1.4	2009	2015	WS207
OPEL	Astra	Petrol	1.4	2009	2015	WS207
OPEL	Astra	Petrol	1.4	2010	2015	WS207
OPEL	Astra	Petrol	1.4	2010	2015	WS207
OPEL	Astra	Petrol	1.4	2010	2015	WS207
OPEL	Astra	Petrol	1.4	2010	2015	WS207
OPEL	Astra	Petrol	1.4	2010	2015	WS207
OPEL	Astra	Petrol	1.4	2012		WS207
OPEL	Astra	Petrol	1.4	2012	2015	WS207
OPEL	Astra	Petrol	1.4	2012	2015	WS207
OPEL	Astra	Petrol	1.4	2012	2015	WS207
OPEL	Astra	Petrol	1.4	2012	2015	WS207
OPEL	Astra	Petrol	1.4	2014	2015	WS207
OPEL	Astra	Petrol	1.6	2006	2011	WS168
OPEL	Astra	Petrol	1.6	2006	2012	WS168

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



Make	Model	Fuel	Stroke	Year From	Year Till	VVS
OPEL	Astra	Petrol	1.6	2007	2010	VVS168
OPEL	Astra	Petrol	1.6	2009	2015	VVS168
OPEL	Astra	Petrol	1.6	2010	2015	VVS168
OPEL	Astra	Petrol	1.6	2012		VVS168
OPEL	Astra	Petrol	1.8	2005	2012	VVS168
OPEL	Astra	Petrol	1.8	2006	2011	VVS168
OPEL	Astra	Petrol	1.8	2006	2012	VVS168
OPEL	Astra	LPG (with or without Petrol)	1.4	2012	2015	VVS207
OPEL	Astra	LPG (with or without Petrol)	1.4	2012	2015	VVS207
OPEL	Astra	LPG (with or without Petrol)	1.4	2014		VVS207
OPEL	Astra	LPG (with or without Petrol)	1.6	2009	2010	VVS168
OPEL	Astra Cabrio	Petrol	1.6	2006	2011	VVS168
OPEL	Astra Cabrio	Petrol	1.8	2006	2011	VVS168
OPEL	Astra Classic	Petrol	1.6	2009		VVS168
OPEL	Astra Classic	Petrol	1.6	2009		VVS168
OPEL	Astra Classic	Petrol	1.6	2012		VVS168
OPEL	Astra Classic	Petrol	1.8	2012		VVS168
OPEL	Astra Classic	Petrol	1.8	2012		VVS168
OPEL	Astra Classic	Petrol	1.8	2012		VVS168
OPEL	Astra Family	Petrol	1.6	2006	2014	VVS168
OPEL	Astra Family	Petrol	1.6	2011	2014	VVS168
OPEL	Astra Family	Petrol	1.6	2013		VVS168
OPEL	Astra Family	Petrol	1.8	2007	2012	VVS168
OPEL	Astra Family	Petrol	1.8	2012	2014	VVS168
OPEL	Astra Family	Petrol	1.8	2013		VVS168
OPEL	Astra GTC	Petrol	1.4	2011		VVS207
OPEL	Astra GTC	Petrol	1.4	2011		VVS207
OPEL	Astra GTC	Petrol	1.4	2011	2015	VVS207
OPEL	Astra GTC	Petrol	1.6	2006	2011	VVS168
OPEL	Astra GTC	Petrol	1.8	2006	2011	VVS168
OPEL	Astra GTC	Petrol	1.8	2011	2015	VVS168
OPEL	Astra GTC	Petrol	2.0	2012		VVS103
OPEL	Astra Van	Petrol	1.6	2006	2010	VVS168
OPEL	Cascada	Petrol	1.4	2013	2018	VVS207
OPEL	Cascada	Petrol	1.4	2013	2018	VVS207
OPEL	Corsa	Petrol	1.2	2010	2014	VVS207
OPEL	Corsa	Petrol	1.2	2010	2014	VVS207
OPEL	Corsa	Petrol	1.4	2010	2014	VVS207
OPEL	Corsa	Petrol	1.4	2010	2014	VVS207
OPEL	Corsa	Petrol	1.4	2012	2014	VVS207
OPEL	Corsa	LPG (with or without Petrol)	1.2	2011	2014	VVS207
OPEL	Corsa	LPG (with or without Petrol)	1.2	2011	2014	VVS207
OPEL	Corsa	LPG (with or without Petrol)	1.4	2009	2014	VVS207
OPEL	Corsa Van	Petrol	1.2	2010	2014	VVS207
OPEL	Corsa Van	Petrol	1.2	2010	2014	VVS207
OPEL	Corsa Van	Petrol	1.4	2012	2014	VVS207
OPEL	Corsa Van	Petrol	1.4	2012	2014	VVS207
OPEL	GT	Petrol	2.0	2006	2011	VSI03
OPEL	Insignia	Petrol	1.4	2011	2017	VVS207
OPEL	Insignia	Petrol	1.4	2011	2017	VVS207
OPEL	Insignia	Petrol	1.6	2008	2017	VVS168
OPEL	Insignia	Petrol	1.6	2008	2017	VVS168
OPEL	Insignia	Petrol	1.6	2008	2017	VVS168
OPEL	Insignia	Petrol	1.6	2008	2017	VVS168
OPEL	Insignia	Petrol	1.8	2008	2017	VVS168
OPEL	Insignia	Petrol	1.8	2008	2017	VVS168
OPEL	Insignia	Petrol	2.0	2008	2017	VSI03
OPEL	Insignia	Petrol	2.0	2008	2017	VSI03
OPEL	Insignia	Petrol	2.0	2008	2017	VSI03
OPEL	Insignia	Petrol	2.0	2008	2017	VSI03

OPEL

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



OPEL

PEUGEOT

Make	Model	Fuel	Stroke	Year From	Year Till	VVS
OPEL	Insignia	LPG (with or without Petrol)	1.4	2012	2017	VWS207
OPEL	Insignia	LPG (with or without Petrol)	1.4	2012	2017	VWS207
OPEL	Insignia	Bio (ethanol) petrol or Methanol	2.0	2008	2017	VWS103
OPEL	Insignia	Bio (ethanol) petrol or Methanol	2.0	2010	2017	VWS103
OPEL	Insignia Sports Tourer	Petrol	1.4	2011	2017	VWS207
OPEL	Insignia Sports Tourer	Petrol	1.6	2008	2017	WS168
OPEL	Insignia Sports Tourer	Petrol	1.6	2008	2017	WS168
OPEL	Insignia Sports Tourer	Petrol	1.8	2008	2017	WS168
OPEL	Insignia Sports Tourer	Petrol	2.0	2008	2017	VWS103
OPEL	Insignia Sports Tourer	Petrol	2.0	2008	2017	VWS103
OPEL	Insignia Sports Tourer	LPG (with or without Petrol)	1.4	2012	2017	VWS207
OPEL	Insignia Sports Tourer	Bio (ethanol) petrol or Methanol	2.0	2010	2017	VWS103
OPEL	Meriva	Petrol	1.4	2010	2017	VWS207
OPEL	Meriva	Petrol	1.4	2010	2017	VWS207
OPEL	Meriva	Petrol	1.4	2010	2017	VWS207
OPEL	Meriva	LPG (with or without Petrol)	1.4	2011	2017	VWS207
OPEL	Mokka	Petrol	1.4	2012		VWS207
OPEL	Mokka	Petrol	1.4	2012		WS168
OPEL	Mokka	Petrol	1.8	2012		WS168
OPEL	Mokka	Petrol	1.8	2012		VWS168
OPEL	Mokka	LPG (with or without Petrol)	1.4	2013		VWS207
OPEL	Mokka X	Petrol	1.4	2016		VWS207
OPEL	Mokka X	Petrol	1.4	2016		VWS207
OPEL	Mokka X	Petrol	1.6	2016		WS168
OPEL	Mokka X	LPG (with or without Petrol)	1.4	2016		VWS207
OPEL	Signum	Petrol	1.8	2005	2008	VWS168
OPEL	Vectra	Petrol	1.8	2005	2008	VWS168
OPEL	Vectra	Petrol	1.8	2005	2008	VWS168
OPEL	Vectra	Petrol	1.8	2005	2008	VWS168
OPEL	Zafira	Petrol	1.6	2008	2015	VWS168
OPEL	Zafira	Petrol	1.8	2005	2015	VWS168
OPEL	Zafira	LPG (with or without Petrol)	1.8	2011	2015	VWS168
OPEL	Zafira	Bio (ethanol) petrol or Methanol	1.6	2008	2012	VWS168
OPEL	Zafira Family	Petrol	1.8	2011	2019	VWS168
OPEL	Zafira Family	Petrol	1.8	2013	2015	VWS168
OPEL	Zafira Tourer	Petrol	1.4	2011		VWS207
OPEL	Zafira Tourer	Petrol	1.4	2011		VWS207
OPEL	Zafira Tourer	Petrol	1.8	2011		VWS168
OPEL	Zafira Tourer	Petrol	1.8	2011		VWS168
OPEL	Zafira Tourer	LPG (with or without Petrol)	1.4	2011		VWS207
OPEL	Zafira Van	Petrol	1.8	2005	2015	VWS168
PEUGEOT						
PEUGEOT	207	Petrol	1.4	2007	2013	VWS173
PEUGEOT	207	Petrol	1.6	2006	2013	VWS173
PEUGEOT	207	Petrol	1.6	2007	2012	VWS173
PEUGEOT	207	Petrol	1.6	2007	2012	VWS173
PEUGEOT	207	Petrol	1.6	2007	2012	VWS173
PEUGEOT	207	Petrol	1.6	2008	2012	VWS173
PEUGEOT	207	Petrol	1.6	2009	2012	VWS173
PEUGEOT	207 CC	Petrol	1.6	2006	2012	VWS173
PEUGEOT	207 CC	Petrol	1.6	2006	2013	VWS173
PEUGEOT	207 CC	Petrol	1.6	2007	2012	VWS173
PEUGEOT	207 SW	Petrol	1.4	2007	2013	VWS173
PEUGEOT	207 SW	Petrol	1.6	2007	2012	VWS173
PEUGEOT	207 SW	Petrol	1.6	2007	2012	VWS173
PEUGEOT	207 SW	Petrol	1.6	2007	2013	VWS173
PEUGEOT	3008	Petrol	1.6	2009	2016	VWS173
PEUGEOT	3008	Petrol	1.6	2009	2016	VWS173

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



Make	Model	Fuel	Stroke	Year From	Year Till	VVS
PEUGEOT	3008	Petrol	1.6	2009	2016	WS173
PEUGEOT	308	Petrol	1.4	2007	2014	WS173
PEUGEOT	308	Petrol	1.6	2007	2014	WS173
PEUGEOT	308	Petrol	1.6	2007	2014	WS173
PEUGEOT	308	Petrol	1.6	2008	2014	WS173
PEUGEOT	308	Petrol	1.6	2009	2014	WS173
PEUGEOT	308 CC	Petrol	1.6	2009	2014	WS173
PEUGEOT	308 CC	Petrol	1.6	2009	2014	WS173
PEUGEOT	308 CC	Petrol	1.6	2009	2014	WS173
PEUGEOT	308 CC	Petrol	1.6	2009	2014	WS173
PEUGEOT	308 SW	Petrol	1.4	2008	2014	WS173
PEUGEOT	308 SW	Petrol	1.6	2008	2014	WS173
PEUGEOT	308 SW	Petrol	1.6	2008	2014	WS173
PEUGEOT	308 SW	Petrol	1.6	2008	2014	WS173
PEUGEOT	308 SW	Petrol	1.6	2009	2014	WS173
PEUGEOT	5008	Petrol	1.6	2009	2017	WS173
PEUGEOT	5008	Petrol	1.6	2009	2017	WS173
PEUGEOT	Partner Tepee	Petrol	1.6	2009		WS173
PONTIAC						
PONTIAC	Vibe	Petrol	2.4	2009	2010	WS107
ROLLS-ROYCE						
ROLLS-ROYCE	Phantom	Petrol	6.7	2002	2017	WS172
ROLLS-ROYCE	Phantom	Petrol	6.7	2007	2017	WS172
ROLLS-ROYCE	Phantom	Petrol	6.7	2008	2017	WS172
SCION						
SCION	XA	Petrol	1.5	2004	2006	WS111
SCION	XA	Petrol	1.5	2004	2006	WS111
SEAT						
SEAT	Alhambra	Petrol	1.4	2010		WS212
SEAT	Alhambra	Petrol	1.4	2015		WS264
SEAT	Alhambra	Petrol	1.4	2015		WS264
SEAT	Alhambra	Petrol	2.0	2010	2012	WS162
SEAT	Alhambra	Petrol	2.0	2015		WS263
SEAT	Altea	Petrol	1.4	2007		WS212
SEAT	Altea	Petrol	1.8	2007		WS162
SEAT	Altea	Petrol	2.0	2006	2009	WS176
SEAT	Altea Freetrack	Petrol	1.4	2010	2011	WS212
SEAT	Altea Freetrack	Petrol	2.0	2007	2009	WS176
SEAT	Altea Freetrack	Petrol	2.0	2007	2009	WS176
SEAT	Altea Freetrack	Petrol	2.0	2009		WS162
SEAT	Altea Freetrack	Petrol	2.0	2009		WS162
SEAT	Altea XL	Petrol	1.4	2007		WS212
SEAT	Altea XL	Petrol	1.8	2007		WS162
SEAT	Altea XL	Petrol	2.0	2006	2009	WS176
SEAT	Altea XL	Petrol	2.0	2007	2009	WS176
SEAT	Arona	Petrol	1.6	2017		WS264
SEAT	Ateca	Petrol	1.4	2016		WS264
SEAT	Ateca	Petrol	1.4	2016		WS264
SEAT	Ateca	Petrol	2.0	2017		WS263
SEAT	Cordoba	Petrol	1.6	2006	2009	WS212
SEAT	Exeo	Petrol	1.8	2008	2010	WS143
SEAT	Exeo	Petrol	1.8	2010	2013	WS162
SEAT	Exeo	Petrol	1.8	2010	2013	WS162
SEAT	Exeo ST	Petrol	1.8	2009	2010	WS143
SEAT	Exeo ST	Petrol	1.8	2010	2013	WS162
SEAT	Exeo ST	Petrol	1.8	2010	2013	WS162
SEAT	Ibiza	Petrol	1.4	2008	2015	WS212
SEAT	Ibiza	Petrol	1.6	2006	2009	WS212

PEUGEOT

PONTIAC

ROLLS-ROYCE

SCION

SEAT

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



SEAT

Make	Model	Fuel	Stroke	Year From	Year Till	VVS
SEAT	Ibiza	Petrol	1.6	2008	2012	VWS212
SEAT	Ibiza	Petrol	1.6	2015	2017	VWS264
SEAT	Ibiza	Petrol	1.6	2017		VWS264
SEAT	Ibiza	Petrol	1.8	2003	2008	VWS143
SEAT	Ibiza	Petrol	1.8	2004	2008	VWS143
SEAT	Ibiza SC	Petrol	1.4	2009	2015	VWS212
SEAT	Ibiza SC	Petrol	1.4	2009	2015	VWS212
SEAT	Ibiza SC	Petrol	1.6	2008	2015	VWS212
SEAT	Ibiza SC	Petrol	1.6	2015	2016	VWS264
SEAT	Ibiza SC	Petrol	1.8	2015	2016	VWS263
SEAT	Ibiza ST	Petrol	1.4	2012	2015	VWS212
SEAT	Ibiza ST	Petrol	1.6	2012	2015	VWS212
SEAT	Leon	Petrol	1.4	2007	2013	VWS212
SEAT	Leon	Petrol	1.4	2014		VWS264
SEAT	Leon	Petrol	1.4	2014		VWS264
SEAT	Leon	Petrol	1.8	1999	2005	VWS143
SEAT	Leon	Petrol	1.8	2000	2004	VWS143
SEAT	Leon	Petrol	1.8	2002	2003	VWS143
SEAT	Leon	Petrol	1.8	2003	2006	VWS143
SEAT	Leon	Petrol	1.8	2007	2013	VWS162
SEAT	Leon	Petrol	1.8	2013		VWS263
SEAT	Leon	Petrol	1.8	2013		VWS263
SEAT	Leon	Petrol	2.0	2005	2009	VWS176
SEAT	Leon	Petrol	2.0	2006	2011	VWS176
SEAT	Leon	Petrol	2.0	2009	2013	VWS162
SEAT	Leon	Petrol	2.0	2009	2013	VWS176
SEAT	Leon	Petrol	2.0	2013		VWS263
SEAT	Leon	Petrol	2.0	2013		VWS263
SEAT	Leon	Petrol	2.0	2015		VWS263
SEAT	Leon	Petrol	2.0	2015	2016	VWS263
SEAT	Leon	Petrol	2.0	2017		VWS263
SEAT	Leon	Petrol	2.0	2017		VWS263
SEAT	Leon	Petrol	2.0	2018		VWS263
SEAT	Leon	CNG (with or without Petrol)	1.4	2013		VWS264
SEAT	Leon SC	Petrol	1.4	2014	2018	VWS264
SEAT	Leon SC	Petrol	1.4	2014	2018	VWS264
SEAT	Leon SC	Petrol	1.8	2013	2018	VWS263
SEAT	Leon SC	Petrol	2.0	2013	2016	VWS263
SEAT	Leon SC	Petrol	2.0	2013	2016	VWS263
SEAT	Leon SC	Petrol	2.0	2015	2016	VWS263
SEAT	Leon SC	Petrol	2.0	2015	2016	VWS263
SEAT	Leon SC	Petrol	2.0	2017	2018	VWS263
SEAT	Leon ST	Petrol	1.4	2014		VWS264
SEAT	Leon ST	Petrol	1.4	2014		VWS264
SEAT	Leon ST	Petrol	1.8	2013		VWS263
SEAT	Leon ST	Petrol	1.8	2013		VWS263
SEAT	Leon ST	Petrol	1.8	2014		VWS263
SEAT	Leon ST	Petrol	2.0	2013		VWS263
SEAT	Leon ST	Petrol	2.0	2013		VWS263
SEAT	Leon ST	Petrol	2.0	2013		VWS263
SEAT	Leon ST	Petrol	2.0	2015		VWS263
SEAT	Leon ST	Petrol	2.0	2016		VWS263
SEAT	Leon ST	Petrol	2.0	2016		VWS263
SEAT	Leon ST	Petrol	2.0	2016		VWS263
SEAT	Leon ST	Petrol	2.0	2016		VWS263
SEAT	Leon ST	Petrol	2.0	2016		VWS263
SEAT	Leon ST	Petrol	2.0	2018		VWS263
SEAT	Leon ST	Petrol	2.0	2018		VWS263
SEAT	Leon ST	CNG (with or without Petrol)	1.4	2014		VWS264
SEAT	Tarraco	Petrol	2.0	2018		VWS263

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



Make	Model	Fuel	Stroke	Year From	Year Till	VVS
SEAT	Toledo	Petrol	1.4	2012	2015	WS212
SEAT	Toledo	Petrol	1.6	2012	2015	WS212
SEAT	Toledo	Petrol	1.8	1999	2005	WS143
SEAT	Toledo	Petrol	1.8	2000	2004	WS143
SEAT	Toledo	Petrol	1.8	2007	2009	WS162
SEAT	Toledo	Petrol	2.0	2005	2009	WS176
SKODA						
SKODA	Fabia	Petrol	1.6	2007	2014	WS212
SKODA	Fabia	Petrol	1.6	2007	2014	WS212
SKODA	Fabia Scout	Petrol	1.6	2010	2014	WS212
SKODA	Fabia Scout	Petrol	1.6	2010	2014	WS212
SKODA	Karoq	Petrol	2.0	2019		WS263
SKODA	Kodiaq	Petrol	2.0	2016		WS263
SKODA	Kodiaq	Petrol	2.0	2019		WS263
SKODA	Kodiaq Scout	Petrol	2.0	2017		WS263
SKODA	Kodiaq Scout	Petrol	2.0	2019		WS263
SKODA	Octavia	Petrol	1.4	2008	2013	WS212
SKODA	Octavia	Petrol	1.4	2008	2013	WS212
SKODA	Octavia	Petrol	1.6	2004	2008	WS212
SKODA	Octavia	Petrol	1.6	2004	2008	WS212
SKODA	Octavia	Petrol	1.8	1997	2010	WS143
SKODA	Octavia	Petrol	1.8	1998	2010	WS143
SKODA	Octavia	Petrol	1.8	2000	2006	WS143
SKODA	Octavia	Petrol	1.8	2000	2006	WS143
SKODA	Octavia	Petrol	1.8	2000	2006	WS143
SKODA	Octavia	Petrol	1.8	2000	2006	WS143
SKODA	Octavia	Petrol	1.8	2007	2013	WS162
SKODA	Octavia	Petrol	1.8	2007	2013	WS162
SKODA	Octavia	Petrol	1.8	2008	2013	WS162
SKODA	Octavia	Petrol	1.8	2009	2013	WS162
SKODA	Octavia	Petrol	1.8	2009	2013	WS162
SKODA	Octavia	Petrol	1.8	2009	2013	WS162
SKODA	Octavia	Petrol	1.8	2009	2013	WS162
SKODA	Octavia	Petrol	1.8	2012		WS263
SKODA	Octavia	Petrol	1.8	2012		WS263
SKODA	Octavia	Petrol	1.8	2012		WS263
SKODA	Octavia	Petrol	1.8	2013		WS263
SKODA	Octavia	Petrol	1.8	2014		WS263
SKODA	Octavia	Petrol	2.0	2005	2013	WS162
SKODA	Octavia	Petrol	2.0	2005	2013	WS162
SKODA	Octavia	Petrol	2.0	2012		WS263
SKODA	Octavia	Petrol	2.0	2013		WS263
SKODA	Octavia	Petrol	2.0	2013		WS263
SKODA	Octavia	Petrol	2.0	2014		WS263
SKODA	Octavia	Petrol	2.0	2015		WS162
SKODA	Octavia	Petrol	2.0	2015		WS162
SKODA	Octavia	Petrol	2.0	2015		WS162
SKODA	Octavia	Petrol	2.0	2015		WS162
SKODA	Octavia	Petrol	2.0	2015		WS162
SKODA	Octavia	Petrol	2.0	2017		WS263
SKODA	Octavia	Petrol	2.0	2017		WS263
SKODA	Octavia	Petrol	2.0	2017		WS263
SKODA	Octavia	Petrol	2.0	2019		WS263
SKODA	Octavia	Petrol	2.0	2019		WS263
SKODA	Octavia Scout	Petrol	1.8	2008	2013	WS162
SKODA	Octavia Scout	Petrol	1.8	2009	2009	WS162
SKODA	Octavia Scout	Petrol	1.8	2013		WS263
SKODA	Octavia Scout	Petrol	2.0	2019		WS263
SKODA	Rapid	Petrol	1.6	2012	2015	WS212
SKODA	Rapid Spaceback	Petrol	1.6	2012	2015	WS212
SKODA	Roomster	Petrol	1.6	2006	2015	WS212
SKODA	Roomster	LPG (with or without Petrol)	1.6	2006	2010	WS212
SKODA	Roomster Scout	Petrol	1.6	2006	2015	WS212
SKODA	Superb	Petrol	1.8	2001	2008	WS143
SKODA	Superb	Petrol	1.8	2008	2015	WS162
SKODA	Superb	Petrol	1.8	2008	2015	WS162

SEAT

SKODA

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



SKODA

TOYOTA

Make	Model	Fuel	Stroke	Year From	Year Till	VVS
SKODA	Superb	Petrol	1.8	2009	2015	WS162
SKODA	Superb	Petrol	1.8	2009	2015	WS162
SKODA	Superb	Petrol	1.8	2009	2015	WS162
SKODA	Superb	Petrol	1.8	2009	2015	WS162
SKODA	Superb	Petrol	1.8	2009	2015	WS162
SKODA	Superb	Petrol	1.8	2009	2015	WS162
SKODA	Superb	Petrol	1.8	2015		WS263
SKODA	Superb	Petrol	1.8	2015		WS263
SKODA	Superb	Petrol	2.0	2010	2015	WS162
SKODA	Superb	Petrol	2.0	2010	2015	WS162
SKODA	Superb	Petrol	2.0	2015		WS263
SKODA	Superb	Petrol	2.0	2015		WS263
SKODA	Superb	Petrol	2.0	2015		WS263
SKODA	Superb	Petrol	2.0	2015		WS263
SKODA	Superb	Petrol	2.0	2015		WS263
SKODA	Superb	Petrol	2.0	2015		WS263
SKODA	Yeti	Petrol	1.4	2010	2015	WS212
SKODA	Yeti	Petrol	1.8	2009	2017	WS162
SKODA	Yeti	Petrol	1.8	2009	2017	WS162
TOYOTA						
TOYOTA	Alphard	Petrol	3.5	2008	2014	WS108
TOYOTA	Alphard	Petrol	3.5	2008	2014	WS108
TOYOTA	Alphard	Petrol	3.5	2015		WS108
TOYOTA	Aurion	Petrol	3.5	2006	2011	WS108
TOYOTA	Aurion	Petrol	3.5	2011		WS108
TOYOTA	Auris	Petrol	1.4	2006	2012	WS112
TOYOTA	Avalon	Petrol	3.5	2004	2005	WS108
TOYOTA	Avalon	Petrol	3.5	2005	2012	WS108
TOYOTA	Avalon	Petrol	3.5	2005	2012	WS108
TOYOTA	Avalon	Petrol	3.5	2012	2018	WS108
TOYOTA	Avalon	Petrol	3.5	2012	2018	WS108
TOYOTA	Avalon	Full Hybrid/petrol	2.5	2012	2018	WS120
TOYOTA	Avensis	Petrol	1.6	2000	2003	WS112
TOYOTA	Avensis	Petrol	1.6	2000	2003	WS112
TOYOTA	Avensis	Petrol	1.6	2003	2008	WS112
TOYOTA	Avensis	Petrol	1.6	2003	2008	WS112
TOYOTA	Avensis	Petrol	1.8	2000	2003	WS112
TOYOTA	Avensis	Petrol	1.8	2000	2003	WS112
TOYOTA	Avensis	Petrol	1.8	2003	2008	WS112
TOYOTA	Avensis	Petrol	1.8	2003	2008	WS112
TOYOTA	Avensis	Petrol	1.8	2003	2008	WS112
TOYOTA	Avensis	Petrol	2.0	2000	2003	WS107
TOYOTA	Avensis	Petrol	2.0	2000	2003	WS107
TOYOTA	Avensis	Petrol	2.0	2003	2008	WS107
TOYOTA	Avensis	Petrol	2.0	2003	2008	WS107
TOYOTA	Avensis	Petrol	2.4	2003	2008	WS107
TOYOTA	Avensis	Petrol	2.4	2003	2008	WS107
TOYOTA	Avensis	Petrol	2.4	2003	2008	WS107
TOYOTA	Avensis	Petrol	2.4	2003	2008	WS107
TOYOTA	Avensis Estate/Wagon	Petrol	1.6	2000	2003	WS112
TOYOTA	Avensis Estate/Wagon	Petrol	1.6	2003	2008	WS112
TOYOTA	Avensis Estate/Wagon	Petrol	1.8	2000	2003	WS112
TOYOTA	Avensis Estate/Wagon	Petrol	1.8	2003	2008	WS112
TOYOTA	Avensis Estate/Wagon	Petrol	2.0	2000	2003	WS107
TOYOTA	Avensis Estate/Wagon	Petrol	2.0	2003	2008	WS107
TOYOTA	Avensis Estate/Wagon	Petrol	2.0	2003	2008	WS107
TOYOTA	Avensis Estate/Wagon	Petrol	2.4	2003	2008	WS107

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



TOYOTA

Make	Model	Fuel	Stroke	Year From	Year Till	VVS
TOYOTA	Avensis Estate/Wagon	Petrol	2.4	2003	2008	VVS107
TOYOTA	Avensis Verso	Petrol	2.0	2001	2005	VVS107
TOYOTA	Camry	Petrol	2.0	2001	2006	VVS107
TOYOTA	Camry	Petrol	2.0	2011		VVS107
TOYOTA	Camry	Petrol	2.4	2001	2006	VVS107
TOYOTA	Camry	Petrol	2.4	2006	2011	VVS107
TOYOTA	Camry	Petrol	2.4	2006	2011	VVS107
TOYOTA	Camry	Petrol	2.4	2006	2011	VVS107
TOYOTA	Camry	Petrol	2.5	2011		VVS120
TOYOTA	Camry	Petrol	2.5	2011		VVS120
TOYOTA	Camry	Petrol	2.5	2012		VVS120
TOYOTA	Camry	Petrol	3.5	2006	2011	VVS108
TOYOTA	Camry	Petrol	3.5	2006	2012	VVS108
TOYOTA	Camry	Petrol	3.5	2006	2014	VVS108
TOYOTA	Camry	Petrol	3.5	2011	2017	VVS108
TOYOTA	Camry	Petrol	3.5	2012		VVS108
TOYOTA	Camry Solara	Petrol	2.4	2003	2006	VVS107
TOYOTA	Camry Solara	Petrol	2.4	2003	2007	VVS107
TOYOTA	Celica	Petrol	1.8	1999	2006	VVS112
TOYOTA	Celica (Nato)	Petrol	1.8	1999	2002	VVS112
TOYOTA	Corolla	Petrol	1.4	1999	2001	VVS112
TOYOTA	Corolla	Petrol	1.4	1999	2002	VVS112
TOYOTA	Corolla	Petrol	1.4	2001	2006	VVS112
TOYOTA	Corolla	Petrol	1.4	2001	2007	VVS112
TOYOTA	Corolla	Petrol	1.4	2006	2013	VVS112
TOYOTA	Corolla	Petrol	1.6	1999	2001	VVS112
TOYOTA	Corolla	Petrol	1.6	1999	2002	VVS112
TOYOTA	Corolla	Petrol	1.6	2001	2008	VVS112
TOYOTA	Corolla	Petrol	1.6	2002	2006	VVS112
TOYOTA	Corolla	Petrol	1.8	2007	2012	VVS120
TOYOTA	Corolla	Petrol	1.8	2007	2014	VVS120
TOYOTA	Corolla	Petrol	1.8	2008	2014	VVS120
TOYOTA	Corolla	Petrol	1.8	2008	2012	VVS120
TOYOTA	Corolla	Petrol	1.8	2013	2018	VVS120
TOYOTA	Corolla	Full Hybrid/petrol	1.8	2018		VVS120
TOYOTA	Corolla	Full Hybrid/petrol	1.8	2019		VVS120
TOYOTA	Corolla	Full Hybrid/petrol	1.8	2019		VVS120
TOYOTA	Corolla Altis	Petrol	1.6	2002	2008	VVS112
TOYOTA	Corolla Altis	Petrol	2.0	2014	2018	VVS120
TOYOTA	Corolla Axio	Petrol	1.8	2006	2010	VVS120
TOYOTA	Corolla Estate/Wagon	Petrol	1.4	1999	2001	VVS112
TOYOTA	Corolla Estate/Wagon	Petrol	1.4	2001	2006	VVS112
TOYOTA	Corolla Estate/Wagon	Petrol	1.6	1999	2001	VVS112
TOYOTA	Corolla Estate/Wagon	Petrol	1.6	2002	2007	VVS112
TOYOTA	Corolla Verso	Petrol	1.6	2001	2004	VVS112
TOYOTA	Echo	Petrol	1.5	1999	2005	VVS111
TOYOTA	Echo	Petrol	1.5	1999	2005	VVS111
TOYOTA	Echo	Petrol	1.5	2001	2005	VVS111
TOYOTA	Estima	Petrol	2.4	2000	2006	VVS107
TOYOTA	Estima	Petrol	2.4	2000	2006	VVS107
TOYOTA	Estima	Petrol	2.4	2000	2006	VVS107
TOYOTA	Highlander	Petrol	2.7	2009	2014	VVS120
TOYOTA	Highlander	Petrol	2.7	2014		VVS120
TOYOTA	Highlander	Petrol	3.5	2014		VVS107
TOYOTA	Land Cruiser 100	Petrol	4.7	2002	2008	VVS124
TOYOTA	Land Cruiser 200	Petrol	4.7	2007		VVS124
TOYOTA	Land Cruiser 200	Petrol	4.7	2008		VVS124
TOYOTA	Land Cruiser Amazon	Petrol	4.7	2002	2007	VVS124
TOYOTA	Land Cruiser V8	Petrol	4.7	2008		VVS124
TOYOTA	Land Cruiser V8	Petrol	4.7	2008		VVS124

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



Make	Model	Fuel	Stroke	Year From	Year Till	VVS
TOYOTA	Matrix	Petrol	1.8	2008		WS120
TOYOTA	MR2	Petrol	1.8	1999	2007	WS112
TOYOTA	Prado	Petrol	4.7	2002	2008	WS124
TOYOTA	Prado	Petrol	4.7	2002	2008	WS124
TOYOTA	Prado	Petrol	4.7	2002	2008	WS124
TOYOTA	Premio	Petrol	1.8	2007		VWS120
TOYOTA	Premio	Petrol	1.8	2008		VWS120
TOYOTA	Previa	Petrol	2.4	2000	2005	VWS107
TOYOTA	Previa	Petrol	3.5	2006		VWS108
TOYOTA	Previa	Petrol	3.5	2006		VWS108
TOYOTA	Prius	Full Hybrid/petrol	1.8	2008		WS120
TOYOTA	Prius	Full Hybrid/petrol	1.8	2015		WS120
TOYOTA	Prius	Full Hybrid/petrol	1.8	2015		WS120
TOYOTA	RAV 4	Petrol	1.8	2000	2005	WS112
TOYOTA	RAV 4	Petrol	2.0	2000	2005	WS107
TOYOTA	RAV 4	Petrol	2.0	2006	2013	WS107
TOYOTA	RAV 4	Petrol	2.4	2000	2005	WS107
TOYOTA	RAV 4	Petrol	2.4	2005	2013	VWS107
TOYOTA	RAV 4	Petrol	2.4	2005	2013	VWS107
TOYOTA	RAV 4	Petrol	2.5	2012		VWS120
TOYOTA	RAV 4	Petrol	2.5	2012	2018	VWS120
TOYOTA	RAV 4	Petrol	2.5	2013	2018	VWS120
TOYOTA	RAV 4	Petrol	2.5	2013	2018	VWS120
TOYOTA	RAV 4	Petrol	3.5	2005	2012	VWS108
TOYOTA	RunX	Petrol	1.4	2003	2003	WS112
TOYOTA	RunX	Petrol	1.6	2003	2003	WS112
TOYOTA	Sequoia	Petrol	4.7	2000	2007	WS124
TOYOTA	Sequoia	Petrol	4.7	2000	2007	VWS124
TOYOTA	Sequoia	Petrol	4.7	2004	2007	WS124
TOYOTA	Sequoia	Petrol	4.7	2004	2007	VWS124
TOYOTA	Sequoia	Petrol	4.7	2007	2014	VWS124
TOYOTA	Sequoia	Petrol	4.7	2007	2014	VWS124
TOYOTA	Sequoia	Petrol	5.7	2007		VWS130
TOYOTA	Sequoia	Petrol	5.7	2007		VWS130
TOYOTA	Sequoia	Petrol	5.7	2008		VWS130
TOYOTA	Sequoia	Bio (ethanol) petrol or Methanol	5.7	2007		VWS130
TOYOTA	Sequoia	Bio (ethanol) petrol or Methanol	5.7	2009		VWS130
TOYOTA	Sequoia	Petrol	4.6	2010	2010	WS130
TOYOTA	Sequoia	Petrol	4.6	2010	2010	VWS130
TOYOTA	Sienna	Petrol	2.7	2010	2013	VWS120
TOYOTA	Sienna	Petrol	3.5	2006	2009	VWS108
TOYOTA	Sienna	Petrol	3.5	2007	2010	VWS108
TOYOTA	Sienna	Petrol	3.5	2010		VWS108
TOYOTA	Sienna	Petrol	3.5	2010		VWS108
TOYOTA	Tundra	Petrol	4.6	2006	2013	VWS130
TOYOTA	Tundra	Petrol	4.7	1999	2006	WS124
TOYOTA	Tundra	Petrol	4.7	1999	2006	WS124
TOYOTA	Tundra	Petrol	4.7	1999	2006	WS124
TOYOTA	Tundra	Petrol	4.7	1999	2006	VWS124
TOYOTA	Tundra	Petrol	4.7	1999	2006	VWS124
TOYOTA	Tundra	Petrol	4.7	1999	2006	VWS124
TOYOTA	Tundra	Petrol	4.7	1999	2006	VWS124
TOYOTA	Tundra	Petrol	4.7	1999	2006	VWS124
TOYOTA	Tundra	Petrol	4.7	2006	2009	VWS124
TOYOTA	Tundra	Petrol	4.7	2006	2009	VWS124
TOYOTA	Tundra	Petrol	5.7	2006		VWS130
TOYOTA	Tundra	Petrol	5.7	2006		VWS130
TOYOTA	Tundra	Bio (ethanol) petrol or Methanol	5.7	2006	2013	VWS130
TOYOTA	Tundra	Bio (ethanol) petrol or Methanol	5.7	2012	2013	VWS130
TOYOTA	Vellfire	Petrol	3.5	2008	2014	WS108

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



Make	Model	Fuel	Stroke	Year From	Year Till	VVS
TOYOTA	Venza	Petrol	2.7	2008	2016	WS120
TOYOTA	Venza	Petrol	2.7	2008	2016	WS120
TOYOTA	Venza	Petrol	2.7	2012		WS120
TOYOTA	Venza	Petrol	2.7	2012	2016	WS120
TOYOTA	Venza	Petrol	3.5	2009	2016	WS108
TOYOTA	Venza	Petrol	3.5	2009	2016	WS108
TOYOTA	Yaris	Petrol	1.5	2001	2005	WS111
TOYOTA	Yaris	Petrol	1.5	2003	2005	WS111
TOYOTA	Yaris	Petrol	1.5	2003	2005	WS111
TOYOTA	Yaris	Petrol	1.5	2005	2014	WS111
TOYOTA	Yaris	Petrol	1.5	2007	2013	WS111
TOYOTA	Yaris	Petrol	1.5	2010		WS111
TOYOTA	Yaris	Petrol	1.5	2013		WS111
TOYOTA	Yaris	Petrol	1.5	2014		WS111
TOYOTA	Yaris Verso	Petrol	1.5	2000	2005	WS111
TOYOTA	Yaris Verso	Petrol	1.5	2003	2005	WS111
TOYOTA	Yaris Verso Van	Petrol	1.5	2000	2003	WS111
VOLVO						
VOLVO	S60	Petrol	3.0	2010	2016	WS194
VOLVO	S60	Petrol	3.0	2010	2015	WS194
VOLVO	S60	Petrol	3.0	2014	2018	WS194
VOLVO	S80	Petrol	3.0	2007	2010	WS194
VOLVO	S80	Petrol	3.0	2011		WS194
VOLVO	S80	Petrol	3.2	2006	2014	WS194
VOLVO	S80	Petrol	3.2	2006	2010	WS194
VOLVO	S80	Petrol	3.2	2010		WS194
VOLVO	S80	Petrol	3.2	2010	2014	WS194
VOLVO	S80	Bio (ethanol) petrol or Methanol	3.2	2009	2010	WS194
VOLVO	V60	Petrol	3.0	2010	2015	WS194
VOLVO	V60	Petrol	3.0	2014	2015	WS194
VOLVO	V60	Petrol	3.0	2014	2018	WS194
VOLVO	V70	Petrol	3.0	2007	2010	WS194
VOLVO	V70	Petrol	3.0	2011		WS194
VOLVO	V70	Petrol	3.0	2013	2016	WS194
VOLVO	V70	Petrol	3.2	2007	2010	WS194
VOLVO	V70	Petrol	3.2	2007	2012	WS194
VOLVO	V70	Petrol	3.2	2010		WS194
VOLVO	V70	Petrol	3.2	2010		WS194
VOLVO	XC60	Petrol	3.0	2008	2010	WS194
VOLVO	XC60	Petrol	3.0	2009	2017	WS194
VOLVO	XC60	Petrol	3.0	2014	2015	WS194
VOLVO	XC60	Petrol	3.2	2009	2010	WS194
VOLVO	XC60	Petrol	3.2	2010	2017	WS194
VOLVO	XC70	Petrol	3.0	2008	2016	WS194
VOLVO	XC70	Petrol	3.0	2010	2015	WS194
VOLVO	XC70	Petrol	3.0	2013	2016	WS194
VOLVO	XC70	Petrol	3.2	2007	2011	WS194
VOLVO	XC70	Petrol	3.2	2010	2014	WS194
VOLVO	XC90	Petrol	3.2	2006	2014	WS194
VOLVO	XC90	Petrol	3.2	2011	2014	WS194
VOLVO	XC90	Petrol	3.2	2011	2014	WS194
VW						
VW	Amarok	Petrol	2.0	2010	2016	WS162
VW	Arteon	Petrol	2.0	2017		WS263
VW	Arteon	Petrol	2.0	2017		WS263
VW	Arteon	Petrol	2.0	2018		WS263
VW	Arteon Shooting Brake	Petrol	2.0	2020		WS263
VW	Arteon Shooting Brake	Petrol	2.0	2020		WS263
VW	Beetle	Petrol	1.4	2011	2016	WS212
VW	Beetle	Petrol	1.4	2011	2016	WS212

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



Make	Model	Fuel	Stroke	Year From	Year Till	VVS
VW	Beetle	Petrol	1.4	2014	2018	VWS264
VW	Beetle	Petrol	1.4	2014	2019	VWS264
VW	Beetle	Petrol	2.0	2010	2016	VWS161
VW	Beetle	Petrol	2.0	2011	2016	VWS161
VW	Beetle	Petrol	2.0	2012	2016	VWS263
VW	Beetle	Petrol	2.0	2014	2018	VWS263
VW	Beetle	Petrol	2.0	2014	2018	VWS263
VW	Beetle	Petrol	2.5	2011	2016	VWS160
VW	Bjalla	Petrol	2.0	2011	2016	VWS161
VW	Bora	Petrol	1.8	1999	2005	VWS143
VW	Bora	Petrol	1.8	2001	2008	VWS143
VW	Bora Estate/Variant	Petrol	1.8	2000	2005	VWS143
VW	Bora Estate/Variant	Petrol	1.8	2001	2005	VWS143
VW	Caddy	Petrol	1.4	2018		VWS264
VW	Caddy	Petrol	1.4	2019		VWS264
VW	Caddy Alltrack	Petrol	1.4	2018		VWS264
VW	Caddy Alltrack	Petrol	1.4	2019		VWS264
VW	Caddy Maxi	Petrol	1.4	2018		VWS264
VW	Caddy Maxi	Petrol	1.4	2019		VWS264
VW	California	Petrol	2.0	2011	2015	VWS162
VW	California	Petrol	2.0	2011	2015	VWS162
VW	California	Petrol	2.0	2012	2015	VWS162
VW	California	Petrol	2.0	2015		VWS162
VW	California	Petrol	2.0	2015		VWS162
VW	California	Petrol	2.0	2015		VWS162
VW	California	Petrol	2.0	2015		VWS162
VW	Campmobile	Petrol	2.0	2011	2015	VWS162
VW	Campmobile	Petrol	2.0	2011	2015	VWS162
VW	Campmobile	Petrol	2.0	2012	2015	VWS162
VW	Campmobile	Petrol	2.0	2015		VWS162
VW	Campmobile	Petrol	2.0	2015		VWS162
VW	Campmobile	Petrol	2.0	2015		VWS162
VW	Caravelle	Petrol	2.0	2011	2015	VWS162
VW	Caravelle	Petrol	2.0	2011	2015	VWS162
VW	Caravelle	Petrol	2.0	2012	2015	VWS162
VW	Caravelle	Petrol	2.0	2015		VWS162
VW	Caravelle	Petrol	2.0	2015		VWS162
VW	Caravelle	Petrol	2.0	2015		VWS162
VW	CC	Petrol	1.4	2011	2016	VWS212
VW	CC	Petrol	1.8	2011	2016	VWS162
VW	CC	Petrol	1.8	2011	2016	VWS162
VW	CC	Petrol	2.0	2009	2011	VWS161
VW	CC	Petrol	2.0	2011	2016	VWS161
VW	CC	Petrol	2.0	2011	2016	VWS162
VW	CC	Bio (ethanol) petrol or Methanol	1.4	2011	2016	VWS212
VW	Eos	Petrol	1.4	2007	2015	VWS212
VW	Eos	Petrol	1.4	2008	2015	VWS212
VW	Eos	Petrol	1.6	2006	2008	VWS212
VW	Eos	Petrol	2.0	2006	2015	VWS161
VW	Eos	Petrol	2.0	2009	2015	VWS162
VW	Golf	Petrol	1.4	2005	2008	VWS212
VW	Golf	Petrol	1.4	2006	2008	VWS212
VW	Golf	Petrol	1.4	2007	2008	VWS212
VW	Golf	Petrol	1.4	2008	2012	VWS212
VW	Golf	Petrol	1.4	2008	2012	VWS212
VW	Golf	Petrol	1.4	2008	2012	VWS212
VW	Golf	Petrol	1.4	2008	2012	VWS212
VW	Golf	Petrol	1.4	2012		VWS264
VW	Golf	Petrol	1.4	2012		VWS264
VW	Golf	Petrol	1.4	2014		VWS264
VW	Golf	Petrol	1.4	2014		VWS264

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



Make	Model	Fuel	Stroke	Year From	Year Till	VVS
VW	Golf	Petrol	1.6	2003	2008	VWS212
VW	Golf	Petrol	1.6	2014		VWS264
VW	Golf	Petrol	1.8	1997	2007	VWS143
VW	Golf	Petrol	1.8	2001	2007	VWS143
VW	Golf	Petrol	1.8	2007	2010	VWS143
VW	Golf	Petrol	1.8	2007	2008	VWS143
VW	Golf	Petrol	1.8	2009	2011	VWS162
VW	Golf	Petrol	2.0	2004	2009	VWS176
VW	Golf	Petrol	2.0	2006	2008	VWS176
VW	Golf	Petrol	2.0	2009	2012	VWS162
VW	Golf	Petrol	2.0	2009	2012	VWS162
VW	Golf	Petrol	2.0	2009	2013	VWS161
VW	Golf	Petrol	2.0	2013		VWS263
VW	Golf	Petrol	2.0	2013		VWS263
VW	Golf	Petrol	2.0	2013		VWS263
VW	Golf	Petrol	2.0	2013		VWS263
VW	Golf	Petrol	2.0	2013		VWS263
VW	Golf	Petrol	2.0	2013		VWS263
VW	Golf	Petrol	2.0	2015		VWS263
VW	Golf	Petrol	2.0	2016		VWS263
VW	Golf	Petrol	2.0	2016		VWS263
VW	Golf	Petrol	2.0	2017		VWS263
VW	Golf	Petrol	2.0	2018		VWS263
VW	Golf	Petrol	2.5	2009	2013	VWS160
VW	Golf	Plug-in Hybrid/petrol	1.4	2014		VWS264
VW	Golf	Bio (ethanol) petrol or Methanol	1.4	2014		VWS264
VW	Golf Alltrack	Petrol	1.8	2014		VWS263
VW	Golf Cabrio	Petrol	1.4	2011	2016	VWS212
VW	Golf Cabrio	Petrol	1.4	2011	2016	VWS212
VW	Golf Cabrio	Petrol	1.4	2013	2016	VWS264
VW	Golf Cabrio	Petrol	1.4	2013	2016	VWS264
VW	Golf Cabrio	Petrol	2.0	2012	2016	VWS162
VW	Golf Estate/Variant	Petrol	1.4	2007	2008	VWS212
VW	Golf Estate/Variant	Petrol	1.4	2007	2008	VWS212
VW	Golf Estate/Variant	Petrol	1.4	2007	2009	VWS212
VW	Golf Estate/Variant	Petrol	1.4	2008	2009	VWS212
VW	Golf Estate/Variant	Petrol	1.4	2009	2013	VWS212
VW	Golf Estate/Variant	Petrol	1.4	2009	2013	VWS212
VW	Golf Estate/Variant	Petrol	1.4	2013	2017	VWS264
VW	Golf Estate/Variant	Petrol	1.4	2014		VWS264
VW	Golf Estate/Variant	Petrol	1.4	2014	2017	VWS264
VW	Golf Estate/Variant	Petrol	1.8	1999	2006	VWS143
VW	Golf Estate/Variant	Petrol	1.8	2016		VWS263
VW	Golf Estate/Variant	Petrol	2.0	2007	2009	VWS161
VW	Golf Estate/Variant	Petrol	2.0	2009	2013	VWS162
VW	Golf Estate/Variant	Petrol	2.0	2015		VWS263
VW	Golf Estate/Variant	Petrol	2.0	2016		VWS263
VW	Golf Estate/Variant	Petrol	2.0	2016		VWS263
VW	Golf Estate/Variant	Bio (ethanol) petrol or Methanol	1.4	2014	2017	VWS264
VW	Golf Plus	Petrol	1.4	2006	2008	VWS212
VW	Golf Plus	Petrol	1.4	2006	2008	VWS212
VW	Golf Plus	Petrol	1.4	2007	2014	VWS212
VW	Golf Plus	Petrol	1.4	2008	2014	VWS212
VW	Golf Plus	Petrol	1.4	2009	2012	VWS212
VW	Golf Plus	Petrol	1.4	2009	2014	VWS212
VW	Golf Plus	Petrol	1.6	2004	2008	VWS212
VW	Golf Sportsvan	Petrol	1.4	2014		VWS264
VW	Golf Sportsvan	Petrol	1.4	2014		VWS264
VW	Golf Sportsvan	Petrol	1.6	2014		VWS264

VW

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



Make	Model	Fuel	Stroke	Year From	Year Till	VVS
VW	Golf Sportsvan	Bio (ethanol) petrol or Methanol	1.4	2014		VWS264
VW	Golf Van (Variant)	Petrol	1.4	2009	2012	VWS212
VW	Golf Van (Variant)	Petrol	1.4	2009	2014	VWS212
VW	Golf Van (Variant)	Petrol	1.4	2013	2017	VWS264
VW	Jetta	Petrol	1.4	2006	2008	VWS212
VW	Jetta	Petrol	1.4	2006	2008	VWS212
VW	Jetta	Petrol	1.4	2007	2010	VWS212
VW	Jetta	Petrol	1.4	2008	2010	VWS212
VW	Jetta	Petrol	1.4	2011		VWS212
VW	Jetta	Petrol	1.4	2011		VWS212
VW	Jetta	Petrol	1.4	2014		VWS264
VW	Jetta	Petrol	1.4	2014		VWS264
VW	Jetta	Petrol	1.6	2005	2008	VWS212
VW	Jetta	Petrol	1.8	2014		VWS263
VW	Jetta	Petrol	2.0	2005	2010	VWS176
VW	Jetta	Petrol	2.0	2010	2014	VWS161
VW	Jetta	Petrol	2.0	2012	2017	VWS263
VW	Jetta	Full Hybrid/petrol	1.4	2012		VWS264
VW	Multivan	Petrol	2.0	2011	2015	VWS162
VW	Multivan	Petrol	2.0	2011	2015	VWS162
VW	Multivan	Petrol	2.0	2012	2015	VWS162
VW	Multivan	Petrol	2.0	2015		VWS162
VW	Multivan	Petrol	2.0	2015		VWS162
VW	Multivan	Petrol	2.0	2015		VWS162
VW	New Beetle	Petrol	1.8	1998	2010	VWS143
VW	New Beetle	Petrol	1.8	2003	2010	VWS143
VW	New Beetle	Petrol	2.5	2005	2010	VWS160
VW	New Beetle	Petrol	2.5	2005	2010	VWS160
VW	Passat	Petrol	1.4	2007	2010	VWS212
VW	Passat	Petrol	1.4	2010	2014	VWS212
VW	Passat	Petrol	1.4	2012	2014	VWS212
VW	Passat	Petrol	1.6	2005	2008	VWS212
VW	Passat	Petrol	1.8	2007	2010	VWS161
VW	Passat	Petrol	1.8	2008	2010	VWS161
VW	Passat	Petrol	1.8	2010	2014	VWS162
VW	Passat	Petrol	1.8	2011	2014	VWS162
VW	Passat	Petrol	2.0	2005	2010	VWS161
VW	Passat	Petrol	2.0	2007	2010	VWS161
VW	Passat	Petrol	2.0	2010	2014	VWS162
VW	Passat	Petrol	2.0	2018		VWS263
VW	Passat	Petrol	2.0	2018		VWS263
VW	Passat	Petrol	2.8	1997	1999	VWS236
VW	Passat	Petrol	2.8	1997	2000	VWS236
VW	Passat	Petrol	2.8	1997	2000	VWS236
VW	Passat	Petrol	2.8	1999	2000	VWS236
VW	Passat	Petrol	2.8	2000	2005	VWS236
VW	Passat	Petrol	2.8	2000	2005	VWS236
VW	Passat	Petrol	2.8	2000	2005	VWS236
VW	Passat	Petrol	2.8	2000	2005	VWS236
VW	Passat	CNG (with or without Petrol)	1.4	2009	2010	VWS212
VW	Passat	CNG (with or without Petrol)	1.4	2010	2014	VWS212
VW	Passat	Plug-in Hybrid/petrol	1.4	2015		VWS264
VW	Passat	Bio (ethanol) petrol or Methanol	1.4	2010	2014	VWS212
VW	Passat Alltrack	Petrol	1.8	2012	2013	VWS162
VW	Passat Alltrack	Petrol	1.8	2012	2014	VWS162
VW	Passat Alltrack	Petrol	2.0	2012	2014	VWS162
VW	Passat Alltrack	Petrol	2.0	2018		VWS263
VW	Passat CC	Petrol	1.8	2008	2011	VWS161
VW	Passat CC	Petrol	1.8	2008	2011	VWS161
VW	Passat CC	Petrol	2.0	2008	2011	VWS161

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



Make	Model	Fuel	Stroke	Year From	Year Till	VVS
VW	Passat CC	Petrol	2.0	2010	2011	WS162
VW	Passat CC	Bio (ethanol) petrol or Methanol	1.4	2011	2011	WS212
VW	Passat Estate/Variant	Petrol	1.4	2007	2010	WS212
VW	Passat Estate/Variant	Petrol	1.4	2010	2014	WS212
VW	Passat Estate/Variant	Petrol	1.4	2010	2014	WS212
VW	Passat Estate/Variant	Petrol	1.4	2012	2014	WS212
VW	Passat Estate/Variant	Petrol	1.6	2005	2008	WS212
VW	Passat Estate/Variant	Petrol	1.8	2007	2010	WS161
VW	Passat Estate/Variant	Petrol	1.8	2008	2010	WS161
VW	Passat Estate/Variant	Petrol	1.8	2010	2014	WS162
VW	Passat Estate/Variant	Petrol	1.8	2010	2014	WS162
VW	Passat Estate/Variant	Petrol	1.8	2011	2014	WS162
VW	Passat Estate/Variant	Petrol	2.0	2005	2010	WS161
VW	Passat Estate/Variant	Petrol	2.0	2010	2014	WS162
VW	Passat Estate/Variant	Petrol	2.0	2010	2015	WS162
VW	Passat Estate/Variant	Petrol	2.0	2018		WS263
VW	Passat Estate/Variant	Petrol	2.0	2018		WS263
VW	Passat Estate/Variant	Petrol	2.8	1997	1999	WS236
VW	Passat Estate/Variant	Petrol	2.8	1997	2000	WS236
VW	Passat Estate/Variant	Petrol	2.8	1999	2000	WS236
VW	Passat Estate/Variant	Petrol	2.8	1999	2000	WS236
VW	Passat Estate/Variant	Petrol	2.8	2000	2005	WS236
VW	Passat Estate/Variant	Petrol	2.8	2000	2005	WS236
VW	Passat Estate/Variant	Petrol	2.8	2000	2005	WS236
VW	Passat Estate/Variant	CNG (with or without Petrol)	1.4	2009	2010	WS212
VW	Passat Estate/Variant	CNG (with or without Petrol)	1.4	2010	2014	WS212
VW	Passat Estate/Variant	Plug-in Hybrid/petrol	1.4	2015		WS264
VW	Passat Estate/Variant	Bio (ethanol) petrol or Methanol	1.4	2010	2014	WS212
VW	Polo	Petrol	1.4	2010	2014	WS212
VW	Polo	Petrol	1.4	2016		WS264
VW	Polo	Petrol	1.6	2006	2009	WS212
VW	Polo	Petrol	1.8	2005	2009	WS143
VW	Polo	Petrol	2.0	2017		WS263
VW	Polo Classic	Petrol	1.6	2007	2010	WS212
VW	Scirocco	Petrol	1.4	2008	2014	WS212
VW	Scirocco	Petrol	1.4	2008	2017	WS212
VW	Scirocco	Petrol	1.4	2008	2014	WS212
VW	Scirocco	Petrol	1.4	2008	2017	WS212
VW	Scirocco	Petrol	2.0	2008	2009	WS161
VW	Scirocco	Petrol	2.0	2009	2014	WS162
VW	Scirocco	Petrol	2.0	2009	2014	WS176
VW	Scirocco	Petrol	2.0	2009	2017	WS162
VW	Scirocco	Petrol	2.0	2009	2017	WS176
VW	Sharan	Petrol	1.4	2010	2015	WS212
VW	Sharan	Petrol	1.4	2010	2015	WS212
VW	Sharan	Petrol	1.4	2015		WS264
VW	Sharan	Petrol	2.0	2010	2015	WS162
VW	Sharan	Petrol	2.0	2010	2015	WS162
VW	Tiguan	Petrol	1.4	2007	2018	WS212
VW	Tiguan	Petrol	1.4	2008	2010	WS212
VW	Tiguan	Petrol	1.4	2008	2018	WS212
VW	Tiguan	Petrol	1.4	2010	2011	WS212
VW	Tiguan	Petrol	1.4	2010	2018	WS212
VW	Tiguan	Petrol	1.4	2011	2018	WS212
VW	Tiguan	Petrol	1.4	2011	2018	WS212
VW	Tiguan	Petrol	1.4	2012	2018	WS212
VW	Tiguan	Petrol	1.4	2012	2018	WS212
VW	Tiguan	Petrol	1.4	2015	2018	WS264
VW	Tiguan	Petrol	1.4	2016	2018	WS264

BY APPLICATION VVS

VARIABLE VALVE TIMING SOLENOIDS



Make	Model	Fuel	Stroke	Year From	Year Till	VVS
VW	Tiguan	Petrol	1.4	2016	2018	WS264
VW	Tiguan	Petrol	1.4	2016	2018	WS264
VW	Tiguan	Petrol	2.0	2007	2018	WS161
VW	Tiguan	Petrol	2.0	2007	2018	WS161
VW	Tiguan	Petrol	2.0	2008	2018	WS161
VW	Tiguan	Petrol	2.0	2009	2011	WS162
VW	Tiguan	Petrol	2.0	2009	2011	WS162
VW	Tiguan	Petrol	2.0	2011	2018	WS162
VW	Tiguan	Petrol	2.0	2011	2018	WS162
VW	Tiguan	Petrol	2.0	2016		WS263
VW	Tiguan	Petrol	2.0	2017		WS263
VW	Tiguan	Petrol	2.0	2018		WS263
VW	Tiguan	Petrol	2.0	2018	2020	WS263
VW	Tiguan Allspace	Petrol	2.0	2017		WS263
VW	Tiguan Allspace	Petrol	2.0	2017		WS263
VW	Tiguan Allspace	Petrol	2.0	2018		WS263
VW	Touareg	Petrol	2.0	2018		WS263
VW	Touareg	Diesel	3.0	2004	2010	WS266
VW	Touareg	Diesel	3.0	2007	2010	WS266
VW	Touareg	Diesel	3.0	2010	2014	WS266
VW	Touareg	Diesel	3.0	2010	2018	WS266
VW	Touareg	Diesel	3.0	2010	2012	WS266
VW	Touran	Petrol	1.4	2006	2010	WS212
VW	Touran	Petrol	1.4	2006	2010	WS212
VW	Touran	Petrol	1.4	2010	2015	WS212
VW	Touran	Petrol	1.4	2010	2015	WS212
VW	Touran	Petrol	1.4	2010	2015	WS212
VW	Touran	Petrol	1.4	2010	2015	WS212
VW	Touran	Petrol	1.6	2003	2006	WS212
VW	Touran	Petrol	1.6	2003	2007	WS212
VW	Touran	CNG (with or without Petrol)	1.4	2009	2010	WS212
VW	Touran	CNG (with or without Petrol)	1.4	2010	2015	WS212
VW	Touran	CNG (with or without Petrol)	1.4	2010	2015	WS212
VW	Transporter	Petrol	2.0	2011	2015	WS162
VW	Transporter	Petrol	2.0	2011	2015	WS162
VW	Transporter	Petrol	2.0	2011	2015	WS162
VW	Transporter	Petrol	2.0	2011	2015	WS162
VW	Transporter	Petrol	2.0	2011	2015	WS162
VW	Transporter	Petrol	2.0	2012	2015	WS162
VW	Transporter	Petrol	2.0	2012	2015	WS162
VW	Transporter	Petrol	2.0	2015		WS162
VW	Transporter	Petrol	2.0	2015		WS162
VW	Transporter	Petrol	2.0	2015		WS162
VW	Transporter	Petrol	2.0	2015		WS162
VW	Transporter	Petrol	2.0	2015		WS162
VW	T-Roc	Petrol	2.0	2017		WS263
VW	T-Roc	Petrol	2.0	2019		WS263



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RESTORE YOUR ENGINE'S OPTIMAL PERFORMANCE

Many vehicles are equipped with variable valve timing (VVT) systems which optimize engine performance, improving fuel economy and reducing emissions. The VVT Solenoid electronically controls the flow of pressurized oil to and from the camshaft actuator to advance or retard timing. When the VVT Solenoid has clogged, malfunctioned or failed, the VVT system is inefficient, which may result in poor engine performance, an illuminated check engine light, poor fuel economy and increased emissions.

To restore the system to proper performance, complete the repair with Gates' OE quality VVT Solenoids, designed with high quality materials for maximum durability and reliable performance at a competitive price!



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OE quality electrical connectors ensure a hassle-free installation and secure electrical connection.

OE quality electrical connectors ensure a hassle-free installation and secure electrical connection.

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