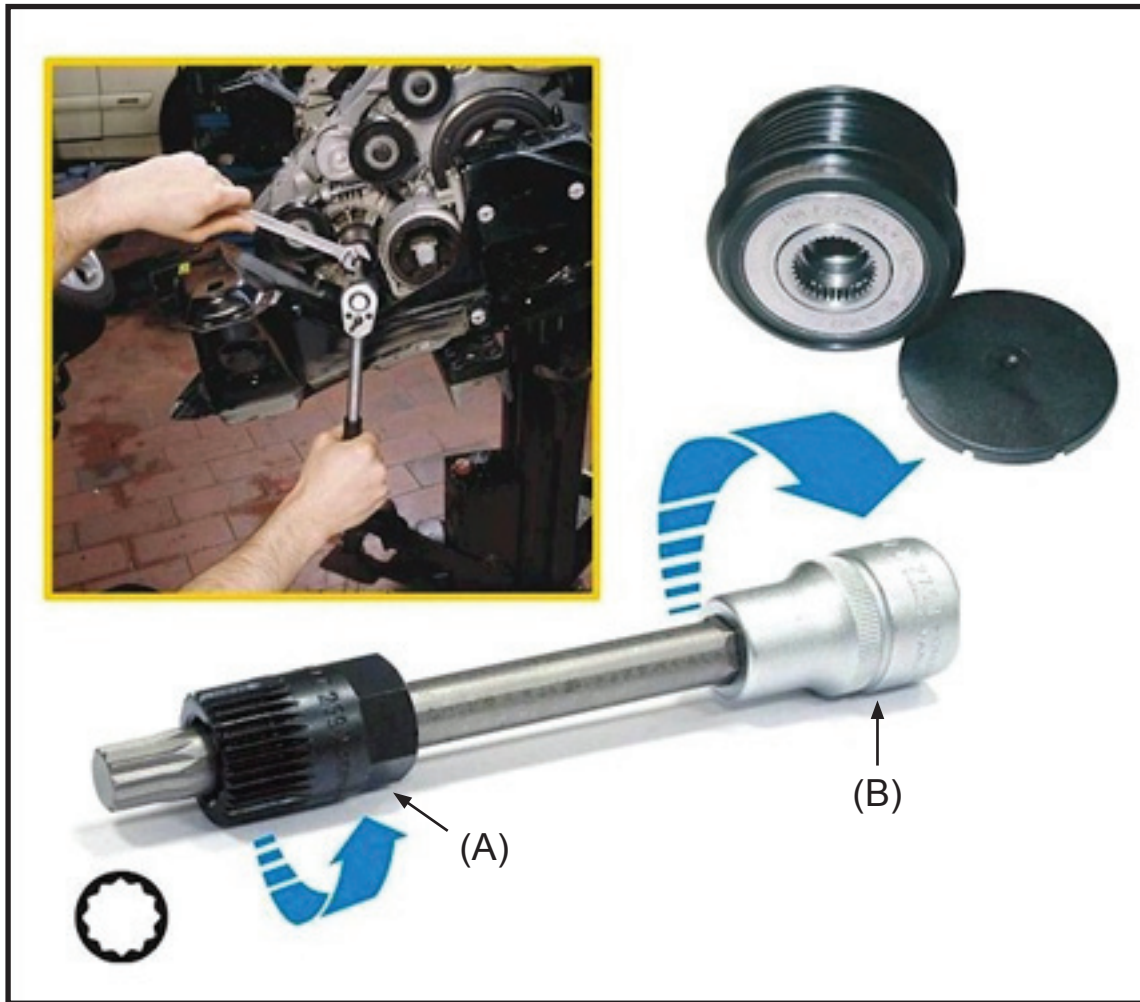


Removal and Installation of OWC/OAD Alternator Pulleys

One-Way Clutch and **Overrunning Alternator Decoupler** pulleys are designed to help with fuel mileage, extend belt life, and belt tensioner life. They also make for quieter and smoother accessory drive operation and reduce vibrations in the passenger compartment. Many times a pulley can be replaced instead of the alternator.



Begin by removing the dust cap from the pulley if applicable. If you are working with an OWC pulley only one bit is needed, you can remove the pulley by turning left or right depending on mfg. If you have an OAD pulley two bits are needed. In this case once the proper bits are located for your make and model alternator, slide bit (A) over shaft of bit (B) as pictured above. To remove these pulleys the shaft coming from alternator needs to be locked in place while the pulley is spun either clockwise or counterclockwise, depending on the manufacturer. The opposite would be used in installation. Note: You will notice that there appears to be duplicate bits, but these are in fact included for clearance issues in certain vehicles so the alternator or other components do not need to be removed.

Application Chart

Due to constantly changing markets your make and model may not be present. Please refer to your pulley or alternator supplier to see if this kit is needed.

Type	Make	Model	Year	Engine
OAD	Audi	A4, A5, S5	2010-2011	2.0 L / 3.0 L / 3.2 L / 4.2 L
OWC	Audi	TT	2000-2006	1.8 L
OWC	Audi	A3 & TT	2007-2011	2.0 L
OWC	Audi	A3 & TT	2006-2009	3.2 L
OWC	BMW	325i, 328i, 328Xi, 330i, 525i, 525Xi, 530i, 530Xi, Z4	2004-2009	2.5 L and 3.0 L
OAD	Buick	Lucerne	2009-2011	3.9L
OAD	Buick	Enclave	2007-2010	3.6L
OAD	Cadillac	CTS	2010-2011	3.0 L and 3.6 L
OAD	Chevrolet	Corvette	1997-2004	5.7 L
OAD	Chevrolet	Corvette	2005-2007	6.0 L
OAD	Chevrolet	Traverse	2007-2010	3.6L
OAD	Chevrolet	Impala, Malibu	2006-2011	3.9 L
OAD	Chevrolet	Cobalt, HHR (2008-2010)	2005-2010	2.0 L
OAD	Chrysler	Voyager, Town & Country, Pacifica	2001-2007	3.3 L / 3.5 L / 3.8 L
OAD	Chrysler	Sebring, Jeep Compass & Patriot	2007-2008	2.4 L
OAD	Dodge	Avenger, Caliber	2007-2009	1.8 L / 2.0 L / 2.4 L
OAD	Dodge	Caravan, Grand Caravan	2001-2007	3.3 L and 3.8 L
OAD	Ford	Expedition	2003-2008	4.6 L, 5.4 L
OAD	Ford Lincoln	Navigator	2003-2008	5.4 L
OAD	Ford, Mercury	Crown Victoria, Grand Marquis	2000-2011	4.6 L 190A / 200A Alt
OAD	Ford, Mercury	Focus, Escape, Mariner	2005-2007	2.0L & 2.3L
OAD	GMC	Acadia	2007-2010	3.6L
OAD	Honda	Various	2006 - ON	Various
OAD	Jeep	Liberty	2002-2003	2.4
OAD	Jeep	Liberty	2005-2006	2.8 (Diesel)
OAD	Jeep	Wrangler	2003-2006	2.4
OAD	Land Rover	LR2	2007 - ON	3.2
OAD	Lexus	ES350, GS350, IS250, RX350	2009-2010	2.5 L and 3.5 L
OAD	Mazda	Tribute	2005-2007	2.3 L
OWC	Mercedes-Benz	E300D	1996-1997	3.0 L Diesel
OAD	Pontiac	G6	2006-2010	3.9 L
OAD	Pontiac	Solstice	2007-2010	2.0 L
OAD	Pontiac	Vibe	2009-2010	1.8 L
OAD	Pontiac	Vibe	2009-2011	2.4 L
OAD	Pontiac	GTO	200-2006	6.0 L
OWC	Porsche	Boxter, Cayman, 911	2000-2009	2.7 L / 3.2 L / 3.4 L
OAD	Saturn	Sky	2007-2010	2.0 L
OAD	Saturn	Outlook	2007-2010	3.6L
OAD	Saturn	Ion	2004-2007	2.0 L
OAD	Scion	XB, XD	2008-2011	2.4 L
OAD	Scion	XD	2008-2010	2008-2010
OAD	Toyota	Camry, Corolla, Matrix, Rav 4, Solara	2006-2010	2.4 L
OAD	Toyota	Camry	2010-2011	2.5 L
OAD	Toyota	Celica, Corolla, Matrix	1998-2010	1.8 L
OAD	Toyota	Avalon, Camry, Highlander, RAV4, Sienna, Venza	2005-2011	3.5 L
OAD	Toyota	4 Runner	2005-2011	2.7 L and 4.0 L
OAD	Volvo	S80, V70, XC70, XC90	2007 - ON	3.0, 3.2
OAD	Toyota	Tacoma	2007-2011	2.7 L
OWC	VW	Beetle	1998-2001	1.9 L Diesel
OWC	VW	Passat, Jetta, Golf	1995-2002	1.9 L Diesel
OWC	VW	Beetle, Golf, Jetta, Passat	1998-2008	1.8 L & 2.0 L / 1.9 L Diesel
OWC	VW	Eos, GLI, GTI	2007-2009	2.0 L and 3.2 L
OWC	VW	Touareg, Touareg 2	2004-2008	5.0 L Diesel