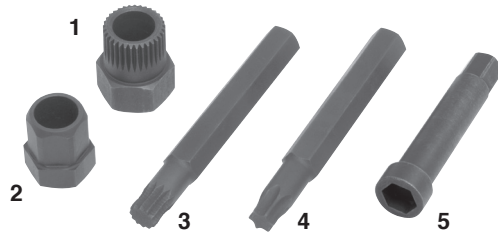


ALTERNATOR DECOUPLER PULLEY TOOL KIT



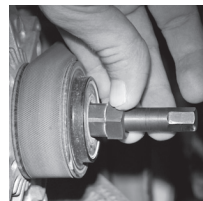
- 33T Spline Pulley Socket
- 17mm Hex Pulley Socket
- 10mm Triple Square Shaft Bit
- T-50 Shaft Bit
- 10mm Female Hex Shaft Bit



Alternator Decoupler Pulley Removal:

- A. If the pulley has a protective cap in place, remove it.

B. Select the Pulley Socket and Shaft Bit combination to fit. Note: There may be more applications than are listed here. Some remanufactured alternators may require different Pulley Socket and Shaft Bit combinations than listed, therefore the listed tool combinations may not always work. Note: When using the 17mm Hex and 10mm Female Bit, insert the 10mm Female Bit first. Then slide the 17mm Hex over the Bit shaft.
- Use a 3/4" wrench to hold 17mm Hex Pulley Socket or 7/8" wrench to hold 33T Spline Pulley Socket.
- Use 7/16" wrench or socket and ratchet on Shaft Bits. Right hand thread pulleys turn counterclockwise. Left hand thread pulleys turn clockwise.



REMOVE

Reverse process to install pulley. Replace pulley cap if removed previously. Note: Tighten pulley to manufacturer's specified torque. Manufacturers recommend replacing the pulley when the belt is replaced.



INSTALL

ALTERNATOR DECOUPLER PULLEY APPLICATIONS-OVERRIDING ALTERNATOR DECOUPLER (OAD)

MAKE	STYLE	YEAR	ENGINE	PULLEY SOCKET/SHAFT BIT
AUDI	A4	2009-2010	2.0 TURBO	33T SPLINE/10MM TRIPLE SQ.
AUDI	QUATTRO	2009-2010	2.0 TURBO	33T SPLINE/10MM TRIPLE SQ.
BUICK	ENCLAVE	2008-2010	3.6	17MM HEX/10MM FEMALE HEX
CHEVY	IMPALA	2007-2010	3.9	33T SPLINE/10MM TRIPLE SQ.
CHEVY	CORVETTE	2004	5.7	33T SPLINE/T-50 TORX
CHEVY	CORVETTE	2006-2010	6.0	33T SPLINE/T-50 TORX
CHEVY	COBALT	2005-2010	2.0 SUPERCH.	17MM HEX/10MM FEMALE HEX
CHRYSLER	PACIFICA	2004-2006	3.5	17MM HEX/10MM FEMALE HEX
CHRYSLER	PACIFICA	2005	3.8	17MM HEX
CHRYSLER	SEBRING	2007-2010	2.4	17MM HEX
CHRYSLER	TOWN/COUNTRY	2001-2007	3.3/3.8	17MM HEX/10MM FEMALE HEX
DODGE	CALIBER	2007-2010	1.8/2.0/2.4	17MM HEX/10MM FEMALE HEX
DODGE	CARAVAN	2001-2006	3.3/3.8	17MM HEX/10MM FEMALE HEX
DODGE	CHARGER	2011	3.6	17MM HEX/10MM FEMALE HEX
DODGE	CHALLENGER	2011	3.6	17MM HEX/10MM FEMALE HEX
DODGE	DURANGO	2011	3.6	17MM HEX/10MM FEMALE HEX
DODGE	JOURNEY	2011	3.6	17MM HEX/10MM FEMALE HEX
FORD	TRANSIT	2000-2010		33T SPLINE/10MM TRIPLE SQ.
FORD	CROWN VIC.	2004-2007	4.6	17MM HEX/10MM FEMALE HEX
GMC	ACADIA	2007-2010	3.6	17MM HEX/10MM FEMALE HEX
HONDA	ACCORD	2011	3.5	17MM HEX/10MM FEMALE HEX
HONDA	CROSSTOUR	2011	3.5	17MM HEX/10MM FEMALE HEX
HONDA	ODYSSEY	2011	3.5	17MM HEX/10MM FEMALE HEX
HONDA	PILOT	2011	3.5	17MM HEX/10MM FEMALE HEX
JEEP	GRAND CHEROKEE	2011-2012	3.6	17MM HEX/10MM FEMALE HEX
JEEP	CHEROKEE	2001-2010	2.5	17MM HEX/10MM FEMALE HEX
JEEP	COMPASS	2007-2010	2.0/2.4	17MM HEX
JEEP	LIBERTY	2005-2006	2.8 D	17MM HEX/10MM FEMALE HEX
JEEP	PATRIOT	2007-2010	2.0/2.4	17MM HEX
JOHN DEERE	6000	2002-2010	4.5	33T SPLINE/10MM TRIPLE SQ.
LEXUS	GS 300	2006-2009	3.0	17MM HEX/10MM FEMALE HEX
LEXUS	GS 350	2007-2010	3.5	17MM HEX/10MM FEMALE HEX
LEXUS	IS 250	2006-2010	2.5	17MM HEX/10MM FEMALE HEX
LEXUS	RX	2009-2010	2.5/2.7	17MM HEX/10MM FEMALE HEX
LEXUS	RX 350	2007-2010	3.5	17MM HEX/10MM FEMALE HEX
MERCURY	GRAND MARQUIS	2004	4.6	17MM HEX/10MM FEMALE HEX
PLYMOUTH	PROWLER	2000-2002	3.5	17MM HEX
PONTIAC	GTO	2005-2006	6.0	17MM HEX
PONTIAC	G6	2006-2007	3.9 M.TRANS	33T SPLINE/10MM TRIPLE SQ.
PONTIAC	SOLSTICE	2007-2010	2.0 TURBO	33T SPLINE/10MM TRIPLE SQ.
PONTIAC	VIBE	2009	1.8	17MM HEX/10MM FEMALE HEX
TOYOTA	CAMRY	2007-2009	2.4	17MM HEX/10MM FEMALE HEX
TOYOTA	CAMRY	2009-2010	2.5	17MM HEX/10MM FEMALE HEX
TOYOTA	CAMRY	2007-2010	3.5	17MM HEX/10MM FEMALE HEX
TOYOTA	COROLLA	2009-2010	1.8	17MM HEX/10MM FEMALE HEX
TOYOTA	HIGHLANDER	2009-2010	2.7	17MM HEX/10MM FEMALE HEX
TOYOTA	HIGHLANDER	2008-2010	3.5	17MM HEX/10MM FEMALE HEX
TOYOTA	MATRIX	2009-2010	2.4	17MM HEX/10MM FEMALE HEX
TOYOTA	RAV 4	2009-2010	2.5/2.7	17MM HEX/10MM FEMALE HEX
TOYOTA	RAV 4	2006-2009	2.4	17MM HEX/10MM FEMALE HEX
TOYOTA	RAV 4	2006-2010	3.5	17MM HEX/10MM FEMALE HEX
TOYOTA	SIENNA	2009-2010	2.5/2.7	17MM HEX/10MM FEMALE HEX
TOYOTA	SIENNA	2007-2010	3.5	17MM HEX/10MM FEMALE HEX
TOYOTA	TACOMA	2007-2010	2.7	17MM HEX/10MM FEMALE HEX
TOYOTA	VENZA	2004-2010	2.5/2.7	17MM HEX/10MM FEMALE HEX
VOLVO	S80	2007	3.2	33T SPLINE/10MM TRIPLE SQ.
VOLVO	S80 AWD	2008-2010	3.0/3.2	33T SPLINE/10MM TRIPLE SQ.
VOLVO	V70	2008-2010	3.2	33T SPLINE/10MM TRIPLE SQ.
VOLVO	XC70 AWD	2008-2010	3.2	33T SPLINE/10MM TRIPLE SQ.
VOLVO	XC90	2007-2010	3.2	33T SPLINE/10MM TRIPLE SQ.

ALTERNATOR DECOUPLER PULLEY APPLICATIONS-ONE-WAY CLUTCH (OWC)

MAKE	STYLE	YEAR	ENGINE	PULLEY SOCKET
AUDI	TT	2000-2006	1.8	33T SPLINE
AUDI	A3 & TT	2007-2011	2.00	33T SPLINE
AUDI	A3 & TT	2006-2009	3.2	33T SPLINE
BMW	325L, 3281L, 32XL, 330L, 525L, 525XL, 5301L, 530XL, Z4	2004-2009	2.5, 3.0	33T SPLINE
MERCEDES-BENZ	E300D	1996-1997	3.0 DIESEL	33T SPLINE
MERCEDES-BENZ	G5	2006-2010	3.9	33T SPLINE
PORSCHE	BOXTER, CAYMAN, 911	2000-2009	2.7, 3.2, 3.4	33T SPLINE
VOLKSWAGEN	BEETLE	1998-2001	1.9	33T SPLINE
VOLKSWAGEN	PASSAT, JETTA, GOLF	1995-2002	1.9	33T SPLINE
VOLKSWAGEN	BEETLE, GOLF, JETTA, PASSAT	1998-2008	1.8, 2.0-GAS; 1.9-DIESEL	33T SPLINE
VOLKSWAGEN	EOS, GLI, GTI	2007-2009	2.0, 3.2	33T SPLINE
VOLKSWAGEN	TOUAREG, TOUAREG 2	2004-2008	5.0-DIESEL	33T SPLINE

Note: There may be more applications than are listed here.