

ALTERNATOR DECOUPLER PULLEY TOOL SET

Item Number W87024

OWNER'S MANUAL



Performance Tool®

▲WARNING: READ, UNDERSTAND AND FOLLOW ALL INSTRUCTIONS AND WARNINGS BEFORE OPERATING THIS TOOL. FAILURE TO DO SO MAY RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE AND WILL VOID WARRANTY.

PT®
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TOOL FEATURES

- Service foreign and domestic vehicles with either OWC or OAD alternator pulleys
- Remove the One Way Clutch or Decoupler pulleys found on 1997 to current vehicles
- A time saving tool that reduces the cost of a full alternator replacement
- Easily hold the alternator shaft so the pulley can be removed and installed
- Pulley Types: OWC-One Way Clutch, OAD-Overrunning Alternator Decoupler

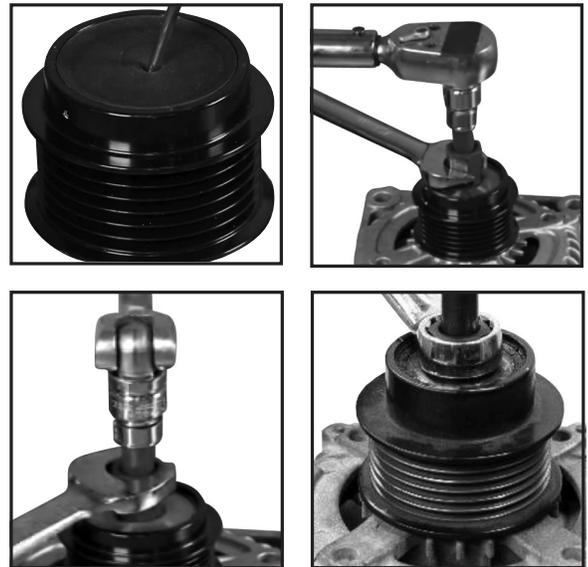
PERSONAL SAFETY

- Be aware of what you are doing and use common sense while using the tool. Do not use a tool when you are tired or under the influence of drugs, alcohol or medication. A moment of distraction while using a tool can cause serious personal injury.
- Use safety equipment. Always wear eye protection. Safety equipment such as dust masks, non-slip safety shoes, helmets or ear protection used in appropriate conditions will reduce the risk of injury.
- Do not rush. Maintain proper footing and balance at all times. This allows better control of the tool in unexpected situations.
- Dress appropriately. Do not wear loose clothing or jewelry. Keep hair, clothing and gloves away from moving parts. Loose clothing, jewelry or long hair can get caught in moving parts.
- Keep the area clean and well lit. Cluttered or dark areas can cause accidents.

OPERATION

1. Removing the dust cap from the pulley if applicable.
 - A. If you're working with an OWC pulley only one bit is needed, you can remove the pulley by turning left or right depending on mfg.
 - B. If you have an OAD pulley two bits are needed.
2. Once the proper bits are located for your make and model alternator, slide bit (1) over shaft of bit (2) as pictured.
3. To remove these pulleys the shaft coming from alternator needs to be locked in place.
4. Loosen the pulley either clockwise or counterclockwise, depending on the manufacturer.
5. The opposite would be used in installation, torque to the manufactures specifications.

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.



APPLICATIONS

May Work with Other Makes and Models.

ALTERNATOR DECOUPLER PULLEY APPLICATIONS-OVERRIDING ALTERNATOR DECOUPLER (OAD)

MAKE	MODEL	YEAR	ENGINE	PULLEY	SOCKET/SHAFT BIT
AUDI	A4	2009-2010	2.0 TURBO	33T	SPLINE/10 MM TRIPLE SQ.
AUDI	QUATTRO	2009-2010	2.0 TURBO	33T	SPLINE/10 MM TRIPLE SQ.
BUICK	ENCLAVE	2008-2010	3.6	17 MM	HEX/10 MM FEMALE HEX
CHEVY	IMPALA	2007-2010	3.9	33T	SPLINE/10 MM 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.	17 MM	HEX/10 MM FEMALE HEX
CHRYSLER	PACIFICA	2004-2006	3.5	17 MM	HEX/10 MM FEMALE HEX
CHRYSLER	PACIFICA	2005	3.8	17 MM	HEX
CHRYSLER	SEBRING	2007-2010	2.4	17 MM	HEX
CHRYSLER	Town/Country	2001-2007	3.3/3.8	17 MM	HEX/10 MM FEMALE HEX
DODGE	CALIBER	2007-2010	1.8/2.0/2.4	17 MM	HEX/10 MM FEMALE HEX
DODGE	CARAVAN	2001-2006	3.3/3.8	17 MM	HEX/10 MM FEMALE HEX
DODGE	CHARGER	2011	3.6	17 MM	HEX/10 MM FEMALE HEX
DODGE	CHALLENGER	2011	3.6	17 MM	HEX/10 MM FEMALE HEX
DODGE	DURANGO	2011	3.6	17 MM	HEX/10 MM FEMALE HEX
DODGE	JOURNEY	2011	3.6	17 MM	HEX/10 MM FEMALE HEX
FORD	TRANSIT	2000-2010	2.0	33T	SPLINE/10 MM TRIPLE SQ.
FORD	CROWN VIC.	2004-2007	4.6	17 MM	HEX/10 MM FEMALE HEX
GMC	ACADIA	2007-2010	3.6	17 MM	HEX/10 MM FEMALE HEX
HONDA	ACCORD	2011	3.5	17 MM	HEX/10 MM FEMALE HEX
HONDA	CROSSTOUR	2011	3.5	17 MM	HEX/10 MM FEMALE HEX
HONDA	ODYSSEY	2011	3.5	17 MM	HEX/10 MM FEMALE HEX

APPLICATIONS CONTINUED

ALTERNATOR DECOUPLER PULLEY APPLICATIONS-OVERRIDING ALTERNATOR DECOUPLER (OAD)

MAKE	MODEL	YEAR	ENGINE	PULLEY	SOCKET/SHAFT BIT
HONDA	PILOT	2011	3.5	17 MM	HEX/10 MM FEMALE HEX
JEEP	GRAND CHEROKEE	2011-2012	3.6	17 MM	HEX/10 MM FEMALE HEX
JEEP	CHEROKEE	2001-2010	2.5	17 MM	HEX/10 MM FEMALE HEX
JEEP	COMPASS	2007-2010	2.0/2.4	17 MM	HEX
JEEP	LIBERTY	2005-2006	2.8 D	17 MM	HEX/10 MM FEMALE HEX
JEEP	PATRIOT	2007-2010	2.0/2.4	17 MM	HEX
JOHN	DEERE 6000	2002-2010	4.5	33T	SPLINE/10 MM TRIPLE SQ.
LEXUS	GS 300	2006-2009	3.0	17 MM	HEX/10 MM FEMALE HEX
LEXUS	GS 350	2007-2010	3.5	17 MM	HEX/10 MM FEMALE HEX
LEXUS	IS 250	2006-2010	2.5	17 MM	HEX/10 MM FEMALE HEX
LEXUS	RX	2009-2010	2.5/2.7	17 MM	HEX/10 MM FEMALE HEX
LEXUS	RX 350	2007-2010	3.5	17 MM	HEX/10 MM FEMALE HEX
MERCURY	GRAND MARQUIS	2004	4.6	17 MM	HEX/10 MM FEMALE HEX
PLYMOUTH	PROWLER	2000-2002	3.5	17 MM	HEX
PONTIAC	GTO	2005-2006	6.0	17 MM	HEX
PONTIAC	G6	2006-2007	3.9 M.TRANS	33T	SPLINE/10 MM TRIPLE SQ.
PONTIAC	SOLSTICE	2007-2010	2.0 TURBO	33T	SPLINE/10 MM TRIPLE SQ.
PONTIAC	VIBE	2009	1.8	17 MM	HEX/10 MM FEMALE HEX
TOYOTA	CAMRY	2007-2009	2.4	17 MM	HEX/10 MM FEMALE HEX
TOYOTA	CAMRY	2009-2010	2.5	17 MM	HEX/10 MM FEMALE HEX
TOYOTA	CAMRY	2007-2010	3.5	17 MM	HEX/10 MM FEMALE HEX
TOYOTA	COROLLA	2009-2010	1.8	17 MM	HEX/10 MM FEMALE HEX
TOYOTA	HIGHLANDER	2009-2010	2.7	17 MM	HEX/10 MM FEMALE HEX
TOYOTA	HIGHLANDER	2008-2010	3.5	17 MM	HEX/10 MM FEMALE HEX
TOYOTA	MATRIX	2009-2010	2.4	17 MM	HEX/10 MM FEMALE HEX
TOYOTA	RAV 4	2009-2010	2.5/2.7	17 MM	HEX/10 MM FEMALE HEX
TOYOTA	RAV 4	2006-2009	2.4	17 MM	HEX/10 MM FEMALE HEX
TOYOTA	RAV 4	2006-2010	3.5	17 MM	HEX/10 MM FEMALE HEX
TOYOTA	SIENNA	2009-2010	2.5/2.7	17 MM	HEX/10 MM FEMALE HEX
TOYOTA	SIENNA	2007-2010	3.5	17 MM	HEX/10 MM FEMALE HEX
TOYOTA	TACOMA	2007-2010	2.7	17 MM	HEX/10 MM FEMALE HEX
TOYOTA	VENZA	2004-2010	2.5/2.7	17 MM	HEX/10 MM FEMALE HEX
VOLVO	S80	2007	3.2	33T	SPLINE/10 MM TRIPLE SQ.
VOLVO	S80 AWD	2008-2010	3.0/3.2	33T	SPLINE/10 MM TRIPLE SQ.
VOLVO	V70	2008-2010	3.2	33T	SPLINE/10 MM TRIPLE SQ.
VOLVO	XC70 AWD	2008-2010	3.2	33T	SPLINE/10 MM TRIPLE SQ.
VOLVO	XC90	2007-2010	3.2	33T	SPLINE/10 MM TRIPLE SQ.

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

MAKE	MODEL	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, 530iL, 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

1 YEAR WARRANTY

PERFORMANCE TOOL® extends only the following warranties, and only to original retail purchasers. These warranties give specific legal rights. Except where prohibited by local law, the law of the State of Washington governs all warranties and all exclusions and limitations of warranties and remedies. There may be other rights which vary from state to state.

PERFORMANCE TOOL® warrants the product to be free from defects in materials and workmanship under normal use and service. A defective product may be returned for a free replacement within 90 days from the date of purchase, provided that product is returned to place of purchase immediately after discovery of defect. After 90 days and up to one year from date of purchase, PERFORMANCE TOOL® will replace at no charge any parts which our examination shall disclose to be defective and under warranty. These warranties shall be valid only when a sales receipt showing the date of purchase accompanies the defective product or defective part (s) being returned. For part (s) after 90 days, please remit your request, postage prepaid to:

PERFORMANCE TOOL, P.O. Box 88259 Tukwila, WA 98138

These warranties exclude blades, bits, punches, dies, bulbs, fuses, hoses, and other consumables which must be replaced under normal use and service. These warranties shall not apply to any product or part which is used for a purpose for which it is not designed, or which has been repaired or altered in any way so as to affect adversely its performance or reliability, nor shall these warranties apply to any product or part which has been subject to misuse, neglect, accident or wear and tear incident to normal use and service.

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