

UNORTHODOX



A Passion for Perfection



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Thanks for choosing the finest performance products available today. Your feedback about quality and performance are vital to UR maintaining 100% satisfaction!

E-mail feedback to: info@unorthodoxracing.com

Other UR Products Available For Your Car

- Clutches (4 Stages): Kits include pressure plate, disc, required bearings and an alignment tool.

Installation Instructions

1996-02 A4 1.8T DOHC 20V / 1998-02 Passat 1.8T DOHC 20V

Part# 021410602 contains crank pulley Part# 0214106. Check part number purchased matches part number engraved on the back of pulley.

If the part number does not match, do not install the pulley and call the dealer you purchased from or call our tech line.

- **Notice:** These instructions are not a replacement for the factory manual; factory specified tools maybe required for removal of the original parts.
- Raise hood then place front end into service position (procedure is outlined in detail in factory manual).
- Raise front end of car and secure with jack stands then remove lower engine shrouding.
- Loosen 4 bolts on crank pulley but do not remove yet then loosen and remove alternator/power steering belt with auto tensioner.
- Loosen and remove air conditioning belt by loosening two idler pulley bolts.
- Remove crank pulley and install underdrive pulley, lightly coat inner bore and back surface of pulley with anti-seize compound and tighten 4 pulley bolts (see torque spec. below). Make sure crank snout edge has no burrs, if none are present pulley will slip on and seat properly. **Do not force pulley onto crank as damage to both will occur voiding warranty.** If pulley is tight clean snout with emery cloth until pulley slides on.
- Install new belts (see sizes below) then re-install remaining components in reverse order, raise car and remove jack stands and lower car.
- The maximum HP gains will occur within 5-7 days of installation, once the computer recalibrates to take advantage of the engines lighter rotational weight.

Crankshaft Pulley Bolt Torque Specification

- 15-20 ft-lbs. / 180-240 in-lbs. / 20-27 NM

New Belt Sizes (UR sells Gates belts at www.unorthodoxracing.com. Belt sizes used may vary slightly. Belt sizes can vary from belt manufacturer to belt manufacturer)

- Alternator and Power Steering Belt: Gates K050490 (49 ½" or 1255MM)
- Air Conditioning Belt: Gates K040320 (32.75" or 830MM)

Belts must be changed every two years because belt rubber may harden enough to cause damage to the pulley/s.
Keep your belt purchase receipts as they are required for any warranty claims sent to UR.

Tech Support Call 631-586-9525
(M - F 11 AM to 5 PM EST)

THE UR PLEDGE

Unorthodox Racing, Inc. ("UR") warrants the quality of the products it manufactures to be free of defects in material and workmanship for five (5) years from date of purchase for pulleys & cam gears and 90 days from date of purchase for all stages of clutches. This limited warranty is extended only to the individual purchaser who has purchased our product from an authorized reseller and may not be transferred or assigned. A list of authorized resellers is available on our web site or can be obtained by calling our main offices. This limited warranty applies to any product, which, after careful inspection by UR after receipt of the product/s from the original purchaser or our authorized reseller, is found to have a defect in either material or workmanship. **UR PARTS USED IN COMPETITION OF ANY KIND, SANCTIONED OR UNSANCTIONED, ARE SOLD "AS IS" WITHOUT ANY WARRANTY WHATSOEVER.** Any modifications to the pulleys will void any and all warranties and will not be exchanged. Before installation, check new car warranty. UR is not responsible for voiding any original manufacturer warranty. All warranty claims must be done directly with UR, if purchased direct, or our authorized reseller. **PLEASE REFER TO THE PARAGRAPH BELOW FOR THE PROPER RETURN PROCEDURES.** Any claims for pulleys and cam gears must be received no later than one year after the date of purchase. Any claims for clutches must be received no later than 90 days from the date of purchase. If all the above procedures are followed, and the product is found to be defective in either material or workmanship, UR shall either repair or replace the product, at its sole discretion, and at its sole cost. This limited warranty does not cover or apply to any personal injury, labor charges, or any other incidental costs or damages caused by the defective product. **THIS LIMITED WARRANTY IS THE ONLY EXPRESS WARRANTY, WHICH APPLIES TO UR PRODUCTS AND IS EXPRESSLY GIVEN IN LIEU OF ANY OTHER WARRANTY EXPRESSED OR IMPLIED, INCLUDING THAT OF MERCHANTABILITY. ANY IMPLIED WARRANTY INCLUDING THAT OF MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE IS HEREBY LIMITED BY THE SAME TERMS AND TIME LIMITATIONS SET FORTH IN THIS LIMITED EXPRESS WARRANTY AND OTHERWISE EXCLUDED.** You may have rights under either state or federal law, including laws governing warranties, which you should consult. EXCEPT FOR THOSE OBLIGATIONS ASSUMED HEREIN, UR ASSUMES NO OTHER OBLIGATIONS IN CONNECTION WITH THE SALE OF ITS PRODUCTS.

We can sometimes make mistakes, as do our authorized resellers, even customers can order the wrong parts. **DO NOT USE, MODIFY, INSTALL, TRIAL ASSEMBLE, MARK, NICK, DROP, SCRATCH OR BALANCE ANY PART UNTIL YOU FIRST CHECK FOR ANY DAMAGE AND THE PART IS CORRECT FOR YOUR APPLICATION.** Shortages must be reported within five (5) business days of receipt. Damage must be reported immediately, no exceptions. For any shortages or damage please contact Unorthodox Racing Inc or your authorized reseller immediately upon receipt of the shipment. Any parts not purchased directly from UR, must be processed through the authorized reseller from which you purchased the product. E-Store order return claims must be received within 30 days of the invoice date in order to receive a full credit of the purchase price (less the shipping & handling cost). Any returns after 30 days will be assessed a 30% re-stock fee. If you need to return parts purchased from a dealer you must make your claim for return through that dealer. If you purchased items directly from UR, discontinued and blow out items are final sale only, or are returning UR product for warranty please contact our customer service department, they will issue you a "RETURN MERCHANDISE AUTHORIZATION" number (RMA#). For any return write this RMA number on the outside of the box so our receiving/shipping department or the authorized resellers receiving/shipping department can expedite the claim. You must return the product with the original sales and belt receipts, at your own expense including a return shipping label, accompanied by a letter re-stating the reason for the return. Include your name, return address, e-mail and contact phone number. **THE RETURNED PARTS MUST BE IN RESALEABLE CONDITION; THAT IS, IN THE SAME CONDITION YOU RECEIVED THEM. IT IS YOUR RESPONSIBILITY TO CAREFULLY PACKAGE ANY RETURNS TO AVOID SHIPPING DAMAGE.** **INSURANCE IS HIGHLY RECOMMENDED. CREDIT WILL NOT BE ISSUED FOR DAMAGED GOODS.**

PLEASE CALL IF YOU HAVE ANY QUESTIONS OR DO NOT UNDERSTAND THIS WARNING! Refer to our catalog for other terms and conditions.

We appreciate your business. The purpose of this warning is to avoid any problems or hard feelings. We will bend over backwards to help you.