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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](mailto: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**

**1997-02 A4, A6 & S4 2.7T / 2.8L, 1998-02 Passat 2.8L (w/Bosch Alternator)**

*Kit# 041400702 contains crank Part# 0214107, alternator Part# 0114307 & power steering Part# 0114407. Check part numbers match part number engraved on pulleys. If part numbers or quantity of parts don't match stop and call 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 put front end into service position (procedure is outlined in detail in factory manual).
- Raise front end of vehicle and secure with a jack/ safety stands then remove lower engine compartment plastic shrouding.
- Loosen 8 bolts on crank pulley but do not remove yet then loosen 3 bolts on power steering pulley and nut on alternator pulley but do not remove yet.
- Loosen and remove accessory drive belt with factory auto tensioner then remove original crank and accessory pulleys.
- Lightly coat bore of alternator pulley and rear of crank and power steering pulleys with anti-seize compound.
- Install underdrive crank pulley and tighten bolts (see torque specification below). Make sure crank snout edge has no burrs, if none are present pulley will slip on easily and seat properly. **Do not force pulley onto crankshaft, as damage to both will occur voiding warranty.** In rare case pulley is tight clean crank snout (they can get slightly rusty) with emery cloth until pulley slides on as stated.
- Install new alternator & power steering pulleys then install new accessory drive belt with factory auto-tensioner (see necessary new size below).
- Re-install remaining components in reverse order then put front end in normal position, raise car and remove safety stands.
- 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 Bolts Torque Specification**

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

**New Belt Size** (UR sells Gates belts at [www.unorthodoxracing.com](http://www.unorthodoxracing.com). Belt sizes used may vary slightly. Belt sizes can vary from belt manufacturer to belt manufacturer)

- Air Conditioning, Alternator & Power Steering Belt - Gates K060716 (72" or 1830MM)

**Belt 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 its pulleys and cam gears for five (5) years (black hard coated surfaces are warranted for one (1) year from date of purchase – UR recommends against the use of high performance belts as they cut through the black hard coat). UR warrants all stages of clutches for six (6) months from date of purchase to be free of defects in material and workmanship. This limited warranty is extended only to the individual purchaser who has purchased the product from an authorized reseller or UR direct 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. **UR PARTS USED IN COMPETITION OF ANY KIND, SANCTIONED OR UNSANCTIONED, ARE SOLD "AS IS" WITHOUT ANY WARRANTY WHATSOEVER.** Any modifications to the product/s voids any and all warranties. Before installation, check new car warranty as UR is not responsible for voiding the original car manufacturer warranty. All warranty claims must be sent to UR, if purchased direct or from an authorized reseller, you must return the product and sales receipt, at your own expense, accompanied by a letter stating the reason for the claim. **PLEASE REFER TO THE PARAGRAPH BELOW FOR THE PROPER RETURN PROCEDURES.** Any claims must be received within the periods stated above 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.

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