



Thanks for choosing UR! We need your feedback to maintain 100% customer satisfaction.

Please e-mail us at: info@unorthodoxracing.com

In Case You Missed These Other UR Products Available For Your Car

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

Installation Instructions

1998-05 Beetle, 1999.5-04 Cabrio & 1999.5-05 Golf, Jetta 1.8T 20V Turbo / 2.0L SOHC 8V

- Set includes part# 021410402 & 011430412. If the part #'s engraved on the pulleys don't match or a part/s are missing stop and call our tech line immediately.
- **WASH PULLEYS WITH SOAP OR BRAKE CLEAN TO REMOVE ANY REMAINING OIL RESIDUE FROM THE MACHINING PROCESS.**
- **Notice:** *These instructions are not a replacement for the factory manual; factory specified tools or procedures maybe required.*
- Raise hood and remove windshield washer tank for easy access to alternator pulley.
- Loosen passenger side front wheel, raise car (secure with jack stands) then remove wheel, plastic shroud and intercooler pipe (some models) to access crank pulley.
- Loosen alternator pulley bolt but do not remove yet. Some models have a pressed on pulley (plastic cover over front of pulley) and require a special tool from VW to remove, removal is well worth the effort as the pulley is very heavy which slows down the engine.
- Loosen crank pulley bolts but do not remove yet, **do not loosen large center crank bolt**, then remove belt with a wrench on the tensioner.
- Remove crank and alternator pulleys. Check for any corrosion on pulley mounting shafts and or surfaces, clean with emery cloth to remove any corrosion to allow for complete flush. 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 crankshaft and alternator pulleys, lightly coat inner bore and rear surfaces of pulleys with anti-seize compound.
- Tighten all bolts hand tight to make sure pulleys have seated properly then tighten all pulley bolts fully (see torque specification below).
- Install new belt (see size below) and tighten to factory specifications then re-install remaining components in reverse order.
- Maximum HP gains will occur within 5-7 days, once the computer recalibrates to take advantage of the engines lighter rotational weight.

Crank and Power Steering Pulley Bolts Torque Specification

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

New Belt Sizes (UR sells Gates belts at www.unorthodoxracing.com, just enter the part# into the Search By Part# field)

- With Air Conditioning – Gates DK060472.

* **Belts will stretch in the first few days of use, so squealing may occur. They must be re-tensioned immediately as prolonged squealing will damage pulley voiding the warranty.**

Belts must be changed every two years as rubber may harden enough to cause damage to the pulley. Keep the receipts of belt purchases as they are required in case of any warranty claims sent to UR.

Tech Support Call 949.4.PULLEY (478-5539)
(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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