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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

1996-01 BMW 323 / 325 / 328 / 330 / M3 (exc. Lightweight) / 525 / 535 / M Roadster / 1997-99 Z3 2.3

Part# 040201302 contains crank pulley Part# 0202102 & accessory pulleys: alternator Part#0102312, power steering Part# 0102402 & water pump

Part# 0102502. Check part numbers match the part number engraved on the back of the pulleys. If the part numbers or quantity of parts don't match, don't install and call the dealer you purchased the parts 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.
- Open hood then raise front of car and place jack stands on passenger and driver side frame rails.
- Remove plastic intake assembly from air filter housing all way to throttle body.
- **For Models With Belt Fan:** Unbolt and remove fan from water pump, leave fan inside shroud assembly. Fan to water-pump nut is a reverse thread.
- Loosen six crank pulley bolts slightly, do not remove yet then loosen alternator, water pump, and power steering pump pulley bolts but do not remove yet.
- Loosen and remove belts and air conditioning tensioner assembly (remember belt routings).
- **1996 and up models do not use an external timing ring even though factory crank pulley has ring. Timing ring is deleted to maximize weight reduction.**
- Remove crank, alternator, power steering and water pump pulleys and install new pulleys; lightly coat inner bore and back mounting surface of pulleys with anti-seize compound. Make sure mounting surfaces have no burrs, if none are present pulleys will slip on and seat properly. **Do not force pulleys on as damage to both will occur voiding warranty.** If pulleys are tight clean with emery cloth (they get slightly rusty) until pulleys slides on.
- Tighten pulley bolts in an opposing pattern for equal torque distribution (see specifications below).
- Install new belts and remaining components in reverse order (see necessary new sizes below).
- Raise car then remove jack stands and lower car back down.
- 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

- 19-24 ft-lbs. / 228-288 in-lbs. / 26-33 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, Power Steering and Water Pump Belt:** Use Gates K060598.
- **Air Conditioning Belt:** Use Gates K050336 / 1997 528i use Gates K050330.

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 A M to 5 P M E S T)

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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