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Please e-mail us at: [info@unorthodoxracing.com](mailto: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

1986-91 Mazda RX-7

- 020800702 is what should be engraved on the back of the pulley, if not stop and call our tech line immediately.
- **A 1MM stainless steel sleeve is pressed over the outer diameter on rear of pulley, where part# is engraved. For visual reference sleeve has a slight taper at the end. Check pulley to make sure the sleeve was installed. Do not install if sleeve is not present as a major oil leak or serious engine damage could occur.**
- **WASH PULLEY WITH SOAP OR BRAKE CLEAN TO REMOVE ANY REMAINING OIL RESIDUE FROM THE MACHINING PROCESSES.**
- **Notice:** These instructions are not a replacement for the factory manual; factory specified tools or procedures maybe required.
- Open the hood, remove the fan and fan shroud assembly then remove the battery and its housing.
- **IMPORTANT!!! BEFORE YOU LOOSEN THE ECCENTRIC BOLT:** Wedge clutch pedal to the floor during install to hold torrrington bearing in place against the thrust plate to prevent the thrust bearing in the front of the motor from dropping out of place if the spacer moves forward.
- Loosen the eccentric shaft bolt, but do not remove.
  - Manual Transmission: Bolt is very tight, a helper must hold brake pedal firmly with transmission in its top gear,
  - Automatic transmission: Follow crank pulley removal procedure/s specified in factory manual.
- Loosen and remove belts and remove with the eccentric shaft pulley.

**Note:** If key is not positioned directly downward reinstall bolt and turn eccentric shaft until key is in the down position. This is done for alignment purposes in case the key slides out with the pulley. The key slot must point downward to re-install the key.
- Make sure crank snout is clean and has no burrs, if necessary clean with emery cloth. **Don't force pulley onto crank as damage to both will occur voiding warranty.** Lightly coat snout with anti-seize compound install crank pulley and tighten bolt (see torque spec 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.

### Eccentric Pulley Bolt Torque Specification

- 90-98 ft-lbs. / 1080-1176 in/lbs. / 122-133 NM

**New Belt Size** (UR sells Gates belts at [www.unorthodoxracing.com](http://www.unorthodoxracing.com), just enter the part# into the Search By Part# field)

- Alternator - Gates 7300
- Air Pump - Gates 7370
- Power Steering - Gates 9365
- Air Conditioning - Gates 9405

\* **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 11AM to 5PM 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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