



Installation Instructions

450809, 500809, 570809

Tools & Accessories

- Torque wrench capable of 239 ft./lbs.
- New crankshaft bolt and washer (Toyota p/n 90119-18002).
- New drive belt (length determined by end user).

Step 1 - Pulley Removal

- Remove drive belt per manufacturer's instructions.
- Remove crankshaft bolt and washer, discard, OE bolt & washer **CAN NOT** be reused.
- Remove the (3) bolts holding the existing pulley on and remove pulley. Save the bolts as they will be reused for installation.

Step 2 - Pulley Installation

- Install Fluidampr pulley onto pilot of damper ring.
- Reinstall the (3) 3/8-24 X 3/4" long bolts (equally spaced) and torque to 30 ft./lbs.
- Install new crankshaft bolt and washer (Toyota p/n 90119-18002) and torque to 239 ft./lbs.
- Install new drive belt per manufacturer's instructions.

LIMITED WARRANTY

WARRANTY: All warranty claims must be made with your point of purchase. LIMITED WARRANTY: Fluidampr warranty extends to the original purchaser only and a copy of sales receipt must be provided. Keep your receipt. Fluidampr recommends to our customers that they have their Fluidampr products installed by a certified technician or engine builder as warranty does not cover installation errors. Fluidampr offers a 1 year warranty for defects in material and workmanship. Repair or replacement will be at Fluidampr's discretion. If purchased from Fluidampr: To obtain warranty service, call customer service to receive a return authorization number. Returns must include the RMA#, description of the problem and a copy of the purchase invoice/receipt. Returns without an RMA# will not be processed. Customers are responsible for freight charges to Fluidampr. If product is found to be faulty, Fluidampr will pay UPS Ground Freight when returning the product to customer. THIS WARRANTY DOES NOT INCLUDE AND IS NOT LIMITED TO THE FOLLOWING: • Failure due to improper installation or maintenance. Loss or injury incurred from use or operation of Vibratex/Fluidampr products. • Misuse, abuse, modifications, or unauthorized repairs. • Removal or replacement cost. • Cost incurred due to downtime of vehicle. • Damage to other engine or vehicle components. • Normal wear and tear. • Use in racing applications or competitive purposes. Fluidampr limited warranty coverage is subject to change due to uncontrolled circumstances with or without notice.

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