



## PQ<sup>x</sup> PLATINUM SERIES FLEXPLATE INSTALLATION INSTRUCTIONS

<b>PARTS LIST</b>	
<b>ITEM</b>	<b>QUANTITY</b>
<i>Flexplate</i>	<i>1 each</i>
<i>SFI 29.1 Certification Sticker</i>	<i>1 each</i>
<i>Drain plug replacement (1/8" NPT x 5/16" L-SB &amp; BB Ford only)</i>	<i>1 each</i>

### Step 1

Clean and inspect all parts (verify that the serial number on the sticker matches the SFI number engraved on the flexplate).

### Step 2

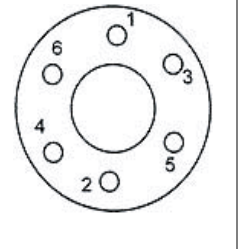
If not already completed, punch out the date on the SFI Decal and apply to the flexplate.

### Step 3

Use a rubber mallet or block of wood and tap the flexplate into place onto the flange of the crankshaft. Tap it evenly and flush upwards alongside the crankshaft flange. **DO NOT** draw the flexplate unto the crank with bolts or impact wrench.

### Step 4

After the flexplate has been placed onto the crankshaft, use PRW threadlocker on the flexplate bolts and torque to OEM specifications. To receive proper torque on the bolts, follow the torque pattern below, use flat washers only.



### Step 5

Hand turn the crankshaft to verify there is no wobble in the ring gear and to make sure it clears the housing.

**NOTES:** 1) Welding weights on the flexplate for engine balancing is not recommended and voids warranty; 2) drilling holes for balance is permissible, but not recommended; 3) high performance and racing applications new flexplate bolts with a rating of 180,000 PSI or higher is recommended.

### **SPECIAL NOTE: Ford SB & BB**

Stock Torque Converter – remove standard drain plug and replace with special Allen Head drain plug (PRW PN 1800005) to preclude interference with flywheel. The use of a GM Converter may require a PRW Crank Adapter #1800460 (PRW 18460xx Platinum Series) or #1800302 (PRW 18302xx Platinum Series).

### **Possible Causes for Damaged Flexplates**

1. Not installing flexplate perpendicular to crankshaft flange
2. Engine or torque converter out of balance
3. Worn front pump bushing
4. Too much end play on the crank from excessive thrust bearing wear
5. Improper bolt torque and, or not in proper order according to OEM specs
6. A bad starter can wear or break off the teeth on the ring gear
7. Not properly shimming the starter, if needed, to align with the starter ring

## STOP!!!!

### SPECIAL NOTES:

Before installing this flexplate, make certain that the application is correctly identified for your vehicle's engine, that the counterweight is correct for your application, the flexplate bolt pattern is correct for your make and model, and ring gear tooth count is correct. ***No returns are permitted for flexplates or flywheels that have been installed! PRW is not responsible for installation issues or mismatched parts.***

### CUMMINS and DODGE DIESEL FLEXPLATES

There are many variations and combinations of Cummins diesel engines and transmissions between 1989 and 2005+. The PRW flexplate for this application is designed for high performance and racing.

***Do not install this flexplate if there is less than 0.125" clearance between the torque converter and flexplate. PRW recommends that this application be installed by a professional mechanic or transmission specialist with specific knowledge of Cummins engine/torque converter and transmission requirements.***

#### **Limited Warranty**

Performance Quotient and PRW Industries, Inc. ("PRW") warrants that all of its products are free from defects in material and workmanship, and against excessive wear for a period of (1) one year from the date of purchase. This **limited warranty** shall cover the original purchaser.

**PRW's obligation under this warranty is limited to the repair or replacement of its product.** To make a warranty claim, the part must be returned within (1) one year of purchase to the address listed below, freight prepaid. Items covered under warranty will be returned to you freight collect.

**It is the responsibility of the installer to ensure that all of the components are correct before installation. PRW assumes no liability for any errors relative to tolerances, component selection, or installation.**

**There is absolutely no warranty on the following:**

- i. Any parts used in racing applications, or;**
- ii. any product that has been physically altered, improperly installed or maintained, or;**
- iii. any product used in improper applications, abused, or not used in conjunction with the proper parts.**

**There are no implied warranties of merchantability or fitness for a particular purpose and no warranties which extend beyond the description of the face hereof.**

PRW will not be responsible for incidental and consequential damages, property damage or personal injury damages to the extent permitted by law. Where required by law, implied warranties or merchantability and fitness are limited for a term of (1) one year from the date of original purchase. This warranty may give you specific legal rights. You may also have other legal rights, which vary from state to state.