



# Installation Instructions

## Chrysler Flexplates

Part Nos. 10230, 10231, 10234, 10235, 10236,  
10237, 10238, 10239, 10241, and 10242

©1991, 1999, 2001 by B&M Racing and Performance Products

**CAUTION:** Please read the following information before installing your **B&M** flexplate.

Engine to transmission alignment is normally not a problem in low to medium performance applications with original equipment engines. However in applications where the crankshaft to block dowel pins dimension has changed because of line boring, serious problems can develop. **B&M** flexplates are designed primarily for high performance applications and will perform satisfactorily as long as the engine to transmission alignment is within .008" Total Indicator Reading (TIR). Installations which exceed this amount of runout can result in a worn converter hub bushing, leaking front seal and cracks in the flex plate. If you are installing this (or any other) flexplate on anything other than an original factory

installation we strongly recommend that you check the engine to transmission alignment.

Since the Torqueflite has a wrap around bellhousing aligning the block to transmission must be done with the transmission case empty. Rigidly attach indicator to crankshaft and indicate on the oil pump bore in the case. Alternatively you can use a manual transmission bellhousing to indicate runout. The TIR is a relative measure of crankshaft to transmission centerline eccentricity.

A Total Indicator Reading exceeding .008" can be corrected with offset dowel pins. An offset dowel pin will produce a TIR change that is double the dowel pin's eccentricity. To correct a particular case; select a pair of offset dowel pins that are nearest to one half of the TIR. Install both dowel pins with their slots parallel to each other and

aligned in the proper direction to correct the eccentricity.

Offset dowel pins are available from Mopar Performance dealers in three different offset ranges:

Offset	Chrysler P/N
.007"	P4120383
.014"	P4120383
.021"	P4120383

For Total Indicator Readings from:

.009 thru .020 use .007 dowel  
.021 thru .034 use .014 dowel  
.035 thru .050 use .021 dowel

**NOTE:** All dimensions given are in inches.

Once you are sure the engine and transmission are properly aligned install flexplate and torque bolts to the factory specification for your particular engine.