



Installation Instructions CHRYSLER FLEXPLATE

Fits: 1962 & newer Chrysler, Dodge & Plymouth
w/Torqueflite A727 & A904 Automatic Transmission

Catalog # 10231

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WORK SAFELY! For maximum safety, perform this installation on a clean, level surface and with the engine turned off. Place blocks or wedges in front of and behind both rear wheels to prevent movement in either direction.

CAUTION: To avoid any possibility of bodily injury or damage to vehicle, do not attempt installation until you are confident that the vehicle is safely secured and will not move.

Engine transmission alignment is normally not a problem in low to medium performance applications with original equipment engines. However, in applications where the crankshaft where the crankshaft to block the 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 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 flexplate. 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, alignment must be done with the transmission case empty. Rigidly attach the indicator to the 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 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 the flexplate and torque bolts to the factory specification for your particular engine.

IMPORTANT: RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE

