



## **FORD ADAPTER KIT 289, 302, 351C, 351W (#980000)**

Thank you for purchasing a Coan Racing performance product. For over 25 years Coan Engineering has been the leader in hi-performance race transmissions and converters. Our ongoing research and development assures that you have purchased the best products available.

**\* COMMITMENT \* PERFORMANCE \* RELIABILITY \*  
\* A WINNING COMBINATION \***

This adapter kit is designed to adapt Powerglide, TH350 and TH400 transmissions with a Chevy pattern bell housing to a small block Ford engine, with a 157 tooth flexplate.

1. This kit is designed to use the OEM, aftermarket OEM style, or SFI approved flexplate with a thickness of .085" - .090". These, along with the optional flexplates are available from Coan Engineering. If using a flexplate thicker than .085" - .090", a different crankshaft adapter hub is required. The common GM 10  $\frac{3}{4}$ " converter bolt circle is required. Your GM converter must have this bolt circle and be built to standard dimensions. *Confirm all dimensions prior to continuing.*
2. The adapter plate is attached to the block with the five 7/16" x 1" flathead screws and the 3/8" x 1 1/4" counter bore screw. It is recommended that you use an anti-seize compound on these screws. Install six studs and dowel pins in plate.
3. Install flexplate to crankshaft first, then install crankshaft adapter hub on the flexplate. Attach with six 7/16" - 20 x 1" counter bore screws and torque to 50 - 55 ft-lbs.
4. Before installing the transmission onto the adapter plate, be sure that the mounting holes in flexplate, converter, and converter spacers match. Secure the transmission to the plate using the six 3/8" studs, washers, and hex nuts.
5. Attach converter to flexplate. Use the three .550" spacers to maintain 1/8" - 3/16" clearance between the converter and flexplate. *This spacing is critical. Incorrect endplay will cause transmission failure.*
6. This adapter kit is designed to use your existing Ford starter. Bolt the starter directly to the adapter plate and check for clearance.

## Small Block Ford Adapter Kit Components

1. (1) Aluminum adapter plate. (#980003)
2. (1) Crank shaft adapter hub. (#980011)
3. (1) 3/8" -16 x 1 1/4" Counter bore screw.
4. (2) 7/16" – 5/8" Dowel pins.
5. (3) .550 Spacers-Flywheel to Converter.
6. (5) 7/16" -14 x 1" Flat head screws.
7. (6) 7/16" -20 x 1" Counter bore screws.
8. (6) 3/8" Studs.
9. (6) 3/8" AN Washers.
10. (6) 3/8" -24 Hex nuts.

If you have any questions regarding the proper installation and/or operation of a Coan Racing product, please call (765) 456-3957. You may also fax us at (765) 456-3960, or e-mail at [coan@coanracing.com](mailto:coan@coanracing.com).

## Warranty

Coan Engineering offers a limited warranty covering all new products for ninety days and all repair service for thirty days from the original date of purchase to be free from flaws in material and craftsmanship. The warranty is non-transferable. Under no circumstances will Coan Engineering extend its warranty to products, new or repaired, which have been abused, misused, or incorrectly installed. Disassembly of any product by means other than a Coan Engineering technician will void any potential warranty. All warranty claims must be accompanied by the original invoice and are subject to the approval of Coan Engineering.

The above stated warranty **does not include** any shipping charges or labor charges for installation or removal of any Coan Racing product.

## Liability

In no manner, neither written nor implied, does Coan Engineering accept liability for consequential or incidental damages to person or property resulting from the use or misuse of its products. Product failure occurring within the stipulations of the warranty policy will be dealt with explicitly under those particular guidelines.