



Bendtsen's Speed Gems Transmission Adapters

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PO1000201 1961-1964 Pontiac (2.75" crank flange) to Chevy Automatic Transmission

Make sure you clean all surfaces when mating these parts together. Always check bolt clearances. We try to make everything as simple as possible to help you, but the ultimate responsibility as to the assembly of the kit is up to the installer. Check and recheck as you go. We can't foresee every change or modification that could possibly occur in the building of a custom vehicle. Especially when we are dealing with 50-year-old motors.

Materials Included

- (1) Adapter plate - 1955-1964 Pontiac V8 to Chev auto
- (1) Crank Adapter - 1955-1960 Pontiac V8 to Chev automatic transmission
- (1) Starter Block - 1955-1960 Pontiac V8 to Chev automatic transmission
- (2) SHCS 7/16-14 X 4 1/2 2 Bolt
- (1) 10.9 HCS M6-1.0 X 20 Z
- (1) Flexplate
- (4) FHSCS 7/16-14 X 1-1/2
- (2) HCS 7/16-14 X 2 1/4 YZ 8
- (2) Dowel pin .625 X 2

- (6) FHSCS 1/2-20 X 1-1/4
- (6) 7/16-20 x 3/4 flexplate bolts
- (1) High torque mini starter 3510
- (4) HCS 3/8-16 x 1 1/4 YZ 8
- (2) SHCS 1/4-28 x 1 1/2

While performing this installation, please remember a few simple rules.

1. Install all bolts before tightening in a particular sequence
2. Use Loctite and torque bolts where applicable. Never force anything
3. Lubricate both threads
4. Trial fit everything to make sure it will fit. See rule #2.

Installation Instructions

Each part of every kit has been fitted onto an actual engine before being boxed to make sure it will fit correctly. If it doesn't fit correctly there may be some problem with your engine. Call if there is a problem.

Make sure that there is about 1/8 to 3/16 of an inch clearance between the torque converter and the flywheel after the transmission is tight to the engine adapter. If you have more distance than that indicated, you may have an engine problem.

1. Install adapter plate using hardware provided. The adapter is a tight fit over the dowel pins. Make sure the dowels are in place and free of burrs. Tap the adapter into place. A tight fit insures that the plate is located correctly.
2. Install the crank adapter with the provided screws. Use loctite. Be careful when lining up the bolt holes. There is one offset bolt hole. Start all bolts before tightening any.
3. Tighten all 6 bolts.
4. Install flywheel using the 6 flywheel bolts provided. Tighten to factory specs using locktight.
5. Install starter using bolts provided. The starter is mounted upside down.
6. Install transmission and torque converter. Don't over tighten bell housing bolts. Stripped threads are not warranted.

This kit should work with any Chevrolet V8 transmission and torque converter.

NOTE: Plates are designed for more than one motor, so not all holes are used on any particular application.

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