

### **Bendtsen's Speed Gems Transmission Adapters**

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# LI1000101 1949-1951 Lincoln Flathead 337 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 1949-1951 Lincoln flathead to Chev auto
- (1) Crank Adapter
- (1) Crank adapter shim
- (1) Flexplate
- (1) High torque mini starter
- (6) FHSCS 7/16-14 X 1-1/2
- (6) SHCS 7/16-20 X 3/4
- (6) 7/16-20 x3/4 flexplate bolts
- (2) SHCS 1/4-28 X 1-3/4
- (6) HCS 3/8-16 X 1 1/4 YZ 8
- (2) Dowel pin .621 x

## 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 Intructions**

- (1) Clean the back of the block so the adapter plate will fit flush.
- (2) Install adapter using 6 taper head screws from the rear of the block. 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.
- (3) Install crank spacer using the 6 socket head capscrews. To do this you will need to grind off the 2 dowel pins sticking out of the crankshaft flange. They are difficult to remove. Tighten to factory specs, using lock-tight. Then install the supplied flywheel.
- (4) Install transmission and torque converter. Don't over tighten bell-housing bolts. Stripped threads are not warranted.
- (5) Make sure that there is about 1/8 to 3/16 of an inch clearance between the torque converter and the flywheel. This means that you should be able to move the torque converter forward to the flywheel the distance indicated.
- (6) If you have more distance than that indicated, you could take up the extra space using washers as spacers.

This kit should work with any Chevrolet transmission. If you decide you want to run a manual trans in the future, just install everything for a Chev clutch, and bellhousing assembly.

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