



Bendtsen's Speed Gems Transmission Adapters

EMAIL: sales@transmissionadapters.com

PHONE: (763) 767-4480



ME1000202 Mercedes 5 and 6 Cylinder Diesel Engines '87 and Newer to Chevy Auto

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 - Mercedes 5 and 6 cyl diesel engines '87 and newer to chev auto
- (1) Torque converter spacer - Mercedes 5 and 6 cylinder diesel to Chev 350/400
- (1) Crank Adapter - Mercedes 5 and 6 cylinder diesel to Chev Automatic
- (1) Torque converter drive plate
- (1) SHCS M10-1.5 X 30 P 12.9 DIN 912
- (10) FHSCS 5/16-24 X 1-1/4
- (6) FPB716-20x34 7/16-20 x3/4 flexplate bolts
- (2) FHSCS M10-1.50 X 80
- (6) HCS 3/8-16 X 1 1/4 YZ 8
- (6) 10.9 HCS M8-1.25 X 25 Z
- (2) Dowel pin .500 X 1 2 Dowel Pin
- (3) Extra Thick Washer 7/16 Hard
- (3) USS Flat Washer 7/16 YZ 8

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

All machined parts are American made. This kit is designed to use the stock flex plate and starter from the Mercedes.

1. Remove everything from the back of the Mercedes engine except the flex plate. Save the 6 flex plate to torque converter bolts, you will be reusing them. You will also reuse the stock starter.
2. Make sure all mating surfaces are clean and free of burrs.
3. Bolt the adapter plate to the rear of the block using the 8 socket head cap screws provided. Next install the aluminum drive plate assembly (partially pre-assembled) to the stock flex plate using the original Mercedes torque converter bolts. This assembly bolts on just like the original torque converter.
4. Install the stock starter with the 2 flathead bolts provided. Then bolt on the triangular torque converter drive plate with 6 bolts provided.

The converter adapter parts are pre-assembled. DO NOT take them apart. Use as an assembly.

We do not recommend the following, but it can and has been done:

To bolt on a manual transmission instead of an automatic transmission, just substitute a 1985 or older, neutral balanced stick flywheel from a Chev 350 engine instead of the triangular drive plate. Now you can bolt on a Chev V8 style bell housing and clutch assembly. A Chev pilot bushing will press into the crank adapter.

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sales@transmissionadapters.com
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