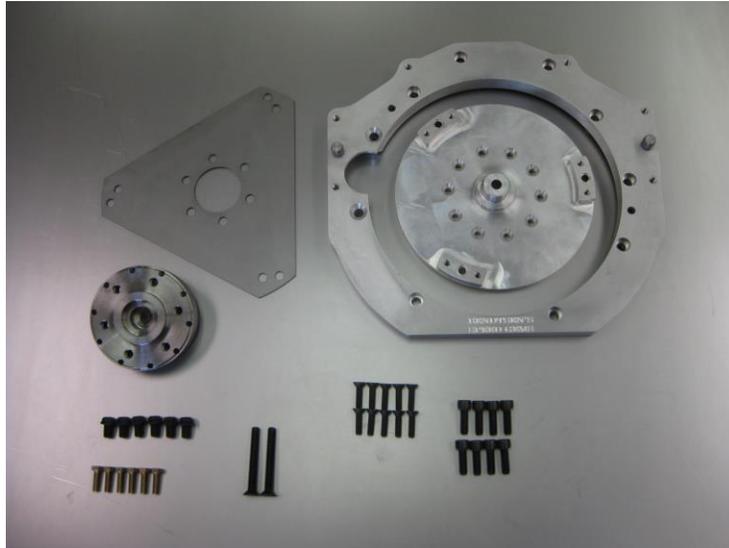


# BENDTSEN'S

## Speed Gems Transmission Adapters

Mercedes 6 cylinder diesel to Chev 700R4 automatic transmission.



This kit will now allow you to bolt on any Chev V8 style automatic transmission or manual transmission. There are advantages to using a 700R4 over the stock Mercedes transmission. A low first gear ratio and a torque converter with torque multiplication and lock-up really make the diesel perform. There are NO modifications to either the block or the transmission case, and is easily bolted on at home.

The kit consists of the following items:

- Adapter plate
- Aluminum flex plate adapter
- Steel crank adapter
- Torque converter drive plate
- 2 - M10 x 1.5 x 80mm flathead/socket head screws - starter bolts
- 6 - 7/16 x 20 x 3/4" drive plate bolts
- 8 - 1.5 x 30mm M10 SHCS adapter plate bolts
- 6 - 3/8 x 16 x 1 1/4" Hex bolts

All machined parts are American made.

This kit is designed to use the stock flex plate and starter from the Mercedes.

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.

Make sure all mating surfaces are clean and free of burrs.

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. 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.