



Speed Gems  
transmission adapters

Performance. Delivered.  
www.transmissionadapters.com  
Email: [sales@transmissionadapters.com](mailto:sales@transmissionadapters.com)  
Phone: (763) 767-4480

## ECOTEC LTG and LCV (2013 & newer) to Chevy Automatic Transmission

### Disclaimer - Please Read Carefully

**WARNING:** Due to the nature of engine and transmission swaps, we cannot guarantee fitment into your vehicle without having to make mild to extensive modifications. This should be considered when starting your project. It is highly recommended to take the time to research any potential issues you may face prior to starting your build. There are numerous forums and websites that can help and give insight into any potential issues involved in the project. This project is not for a novice mechanic. If an individual is not confident in performing such extensive vehicle modifications, Speed Gems recommends finding a capable shop for assistance.

Prior to and during installation of your new Speed Gems Transmission Adapter Kit, always ensure to:

- Clean everything, including all components and surfaces.
- Use proper torque and **Loctite all bolts.**
- Do not force anything and begin all bolts by hand before using any tools. This will prevent cross-threading.
- Check all 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.

If you have any additional questions, please contact us by phone (763) 767-4480 during business hours or email [sales@transmissionadapters.com](mailto:sales@transmissionadapters.com) at any time.

### COMPONENTS INCLUDED IN KIT

(1) Adapter Plate-ECOTEC LTG 2.0L & LCV 2.5L Turbo to Chevy
(1) Crank Adapter - ECOTEC Turbo & Supercharged to Chevy
(1) Torque Converter Spacer
(1) Torque Converter Drive Plate
(2) M10-1.5 X 45
(7) SHCS M10-1.5 x 30
(6) 7/16-20 x 3/4 Flexplate Bolts
(6) HCS 3/8-16 x 1-1/2
(3) HCS M10-1.5 x 16
(2) HCS M8-1.25 x 30
(2) FLAT WASHER x 5/16
(1) Water Outlet Housing
(1) Set Screw 1/2-20 x 3/8
(3) EXTRA THICK HARD WASHER x 7/16
(3) FLAT WASHER x 7/16



# ECOTEC LTG and LCV (2013 & newer) to Chevy Automatic Transmission

## APPLICATION NOTES

1. This Kit uses the stock ECOTEC Starter and Flexplate.
2. The stock ECOTEC starter bolts in the stock location on the engine block.
3. The Crank Adapter bolts on top of the stock ECOTEC Flexplate so that the original starter engages the original ring-gear. This allows for the original engine balance to be retained.

**NOTE:** The Torque Converter Spacer is assembled w/ the crank adapter by Speed Gems prior to shipping. This is a very difficult part to assemble - "Do Not disassemble" when received.

4. **This kit cannot be retro fitted to work with a manual transmission.**

Speed Gems would like to THANK YOU for purchasing our products!

We would love to see pictures of our products installed on your Hotrod. Please tag us on our social media or send a picture to [sales@transmissionadapters.com](mailto:sales@transmissionadapters.com) and we will get your project posted on our website.



### Speed Gems Transmission Adapters

806H S. Division St., Waunakee, WI 53597

[sales@transmissionadapters.com](mailto:sales@transmissionadapters.com)

(763) 767-4480

Copyright © 2021 Speed Gems Transmission Adapters. All rights reserved.