



# How to Rebuild & Modify GM Turbo 400 Transmissions (S-A Design Workbench Series)

By Cliff Ruggles

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Over the last 50 years, literally millions of GM cars and trucks have been built with Turbo 400 automatic transmissions. While these transmissions are respected for their durability and versatility, there always comes a point where the old transmission shows signs of wear. At some point, even the best transmissions need to be rebuilt.

Respected automotive technical author Cliff Ruggles takes readers through the complex rebuild procedure of GMs most popular rear-wheel drive automatic transmission in this great new book. Enthusiasts have embraced the reliable GM Turbo Hydra-Matic 400 three-speed automatics for years, and the popularity of these transmissions is not slowing down. With his proven style, Ruggles walks through the step-by-step rebuild and performance upgrade procedures in a series of full-color photos for each of these models. Time saving tips are part of every buildup.

This is a welcome addition to your automotive library. Amateurs and professionals alike will appreciate the advice and guidance offered on every page. Even if you end up deciding to have a professional take care of your transmission repair and performance needs, this information is crucial to understanding how the power gets from the engine to the road.

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### **Editorial Review**

#### **From the Back Cover**

The GM Turbo Hydra-Matic 400 transmission was used in millions of full- and mid-size cars, trucks, and SUVs since its launch in 1964. The Turbo 400 became the automatic transmission of choice for enthusiasts everywhere due to its durability and simplicity. The Turbo 400 can easily handle work in a drag car, off-road truck, hot rod or custom car, and any vehicle needing a durable, reliable automatic transmission. It does not rely upon computer controls, and can be adapted to a wide range of configurations. Rebuilding the Turbo 400 is not particularly difficult, but it does require care and specific attention to details. The procedure and these critical details are all reviewed in depth between the covers of How to Rebuild & Modify GM Turbo 400 Transmissions. This book includes removal of the transmission from a typical vehicle, complete teardown, and step-by-step reassembly. Some tips and advice for those planning to use their Turbo 400s in high-performance applications are also included.

#### **About the Author**

Cliff Ruggles has more than 20 years' experience in custom building transmissions. He owns his own business, Cliff's High Performance, which specializes in building high-performance engines, transmission, and carburetors. Cliff has built/ owned/ raced at least half a dozen cars over the years.

### **Users Review**

#### **From reader reviews:**

##### **Michael Hamlin:**

Book is to be different per grade. Book for children until finally adult are different content. As we know that book is very important usually. The book How to Rebuild & Modify GM Turbo 400 Transmissions (S-A Design Workbench Series) has been making you to know about other know-how and of course you can take more information. It is rather advantages for you. The book How to Rebuild & Modify GM Turbo 400 Transmissions (S-A Design Workbench Series) is not only giving you more new information but also being your friend when you sense bored. You can spend your time to read your book. Try to make relationship with the book How to Rebuild & Modify GM Turbo 400 Transmissions (S-A Design Workbench Series). You never experience lose out for everything in case you read some books.

##### **Pamela Adair:**

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**George Gentry:**

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**Ora Orozco:**

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