

## Maximum Boost Designing, Testing and Installing Turbocharger Systems

by Corky Bell

Price: \$34.95  
 Bentley Stock Number: GTUR  
 Publication Date: 1997.06.01  
 ISBN: 978-0-8376-0160-1  
 Softcover, 7 7/8 in. x 10-3/8 in.  
 Case quantity: 10  
 256 pages, 302 photos, illustrations and diagrams

**Maximum Boost** is the definitive book on turbocharging. This hands-on book gives you the most detailed information available on understanding designing, setting up, testing and modifying your car with a turbocharging system.

Find out what really works and what doesn't, what turbo is right for your needs and what type of setup will give you that extra horsepower. The author shows you how to select and install the right turbo, how to prep the engine, test the systems, integrate a turbo with and electronic fuel injection system or carburetor and even gives detailed troubleshooting information for both OEM and aftermarket turbocharging systems.

### Technical highlights

- Essentials of turbo system design - including sizing the turbo, intercooling, fuel system tweaks, preparing the engine, intake and exhaust design
- Evaluating and installing an aftermarket turbo kit
- Improving your current turbocharged system
- Designing and installing your own custom system

Whether you're interested in better performance on the road or extra horsepower to be a winner, this book will give you the knowledge to get the most out of your engine and its turbocharging system.

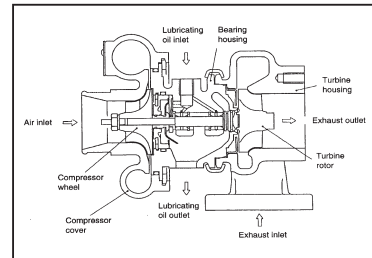


Fig. 3-1. The classic turbocharger: a very simple, highly engineered, high quality, precisely manufactured air pump.  
**Chapter 3: Selecting the Turbocharger**

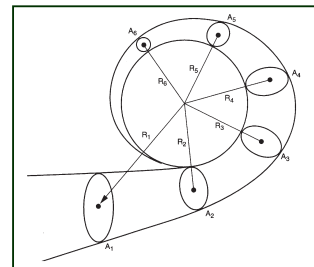


Fig. 3-11. Definition of the A/R ratio  
**Chapter 3: Selecting the Turbocharger**

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