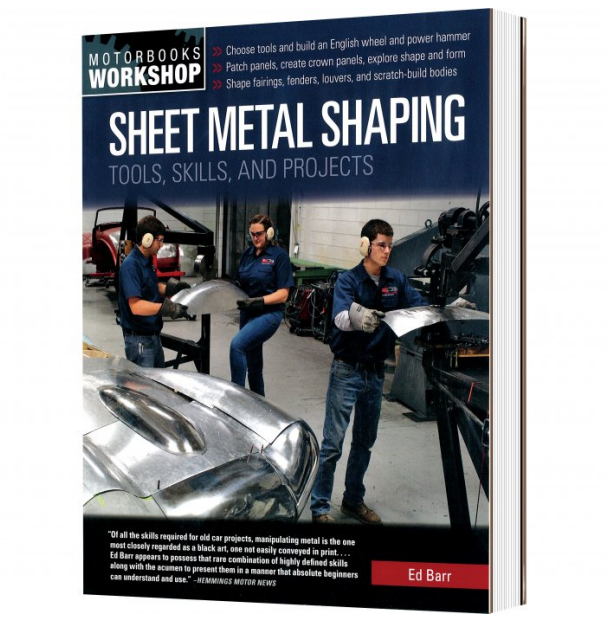
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240 Colour Pages



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Description

Whether you want to create custom or replacement parts or build an entire automobile body, this metalworking course for gearheads from best-selling automotive restoration author and professor Ed Barr will take you as far as your interests reach. Barr demystifies this seemingly black art with information on tools and basic skills and 14 customizable projects, fully illustrated with step-by-step color photography.

"Choose Tools & build an english wheel & power hammer"
"Patch panels, create crown panels, explore shape & form"
"Shape fairings, fenders, louvers & scratch-build bodies"

First, you'll learn how to assemble your ideal toolkit, as well as how to build a power hammer and an English wheel. In the process, Barr will help you make informed choices based on available space and budget. Once you're all set up, he addresses the concepts of shape and form.

The projects are presented in a way that you can easily apply them to their own vehicles, whatever they may be. Barr also takes the time to show how the projects can be accomplished with different available tools. As you go, you'll gain the skills and confidence for tackling the increasingly complex cases presented. Work your way up to building a fender utilizing the wheeling machine you built earlier; then move on to building a Model T speedster body and an Indy car, and later a challenging 1934 Plymouth fender. The book even includes common “goofs” and how to avoid and, if necessary, correct them.

Written in an engaging and approachable style, Sheet Metal Shaping serves equally well as a useful supplement to Barr’s previous Professional Sheet Metal Fabrication or as a must-have standalone volume for any fabricator’s library.

"Of all the skills required for old car projects, manipulating metal is the one most closely regarded as black art, one not easily conveyed in print...
Ed barr appears to possess the rare combination of highly defined skills along with the acumen to present them in a manner that absolute beginners can understand and use."

About the Author:

Ed Barr, best-selling author of Professional Sheet Metal Fabrication, teaches welding and sheet metal restoration in the Technology Department at McPherson College in McPherson, Kansas. Barr has been restoring cars and creating metal sculpture since he was a teenager. Barr graduated from the University of the South in 1991 and pursued a career in art museum administration after receiving an MA degree from the University of Kansas. Barr then served as director of the Mulvane Art Museum at Washburn University in Topeka, Kansas. Barr earned a BS degree in automotive restoration technology from McPherson College and subsequently worked at Vintage Restorations Ltd. in Union Bridge, Maryland, where he restored British cars. He resides in McPherson, Kansas.

CHAPTER 01 - THE PEASANT'S TOOLKIT
- The Stump

- Tucking Tool
- Wire Edging Tool
- Spoon
- Other Useful Tools

CHAPTER 02 - BUILDING YOUR OWN ENGLISH WHEEL
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- List Of Materials
- The Build Stage 1 To 11

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- Preparing For The Build
- List Of Materials
- The Build Stage 1 - To 12
- Tips For Adding A Second Set Of Arms

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- Adding A Taillight Mount

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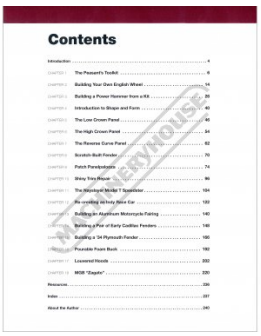
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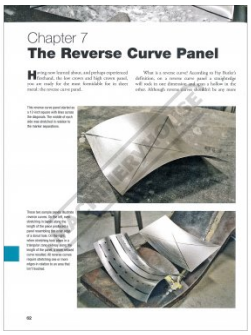
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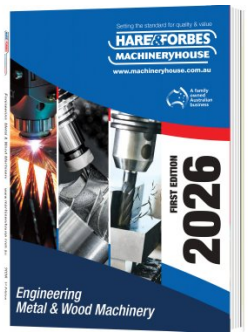
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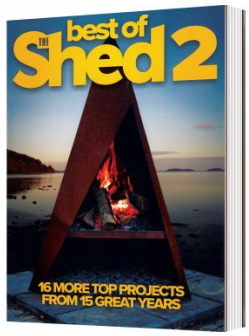
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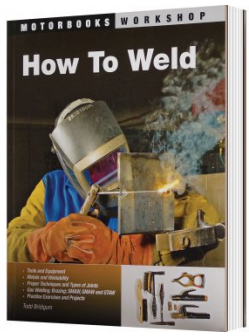
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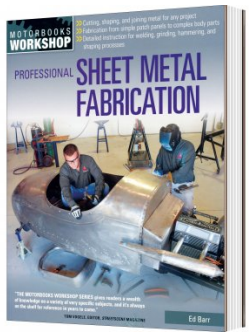
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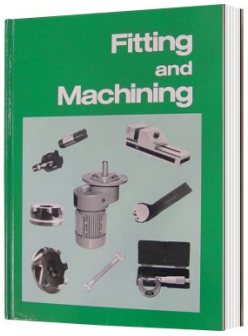
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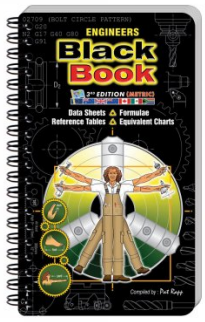
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