

## HIGHLIGHTS OF THIS ISSUE:

**French Piston Engine Has No Crankshaft** PAGE 68  
The pistons pump oil that drives hydraulic turbines. Result: two hp. per cubic inch.

**Are We Changing Our Weather by Accident?** PAGE 74  
New ice age coming up? Could be, and it may be that we and our machines are responsible.

**The Shocking Facts About Drinking and Driving** PAGE 78  
By DR. WILLIAM HADDON  
They're killers, says the former Director of the National Highway Safety Bureau—those heavy drinkers who are the major cause of road deaths.

**Footstool from Abe Lincoln's Home** PAGE 148  
Build this charming, authentic stool—and even, with PS's help, cane it yourself.

**Psychedelic Light-Show Systems You Can Build** PAGE 158  
Want to turn things on at home? Sock it to 'em with these wild color happenings!

COVER PAINTING BY TED LODIGENSKY

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## COMING NEXT MONTH

If you don't own a car . . .  
. . . you can skip this one, but if you do, be sure to read The Scandal in Auto Repairs, an exclusive POPULAR SCIENCE interview with Michigan Senator Philip A. Hart

And in the same issue:

- Will You Give Up Pounds, Feet, and Inches? There's a new push to convert the U.S. to the metric system—here's how it would affect you
- You Don't Have to Be Rich to Own Your Own Airplane—the lowdown on costs and upkeep
- How We're Decoding Messages from Outer Space
- Sneak Preview of the 1970 Cars
- The World's Most Powerful Outboards
- MHD Generators: Giant Blowtorches That May Cut Your Electric Bill
- Telephone Devices That Guard Your House
- Vacationing in a Motor Home
- You'll Find Thrills—and Maybe Gold—Searching for Sunken Treasure
- How I Remodeled a Problem Attic
- Building a Carport Closet for Yard Tools
- Give Your Garden Tractor a Lift . . . and more

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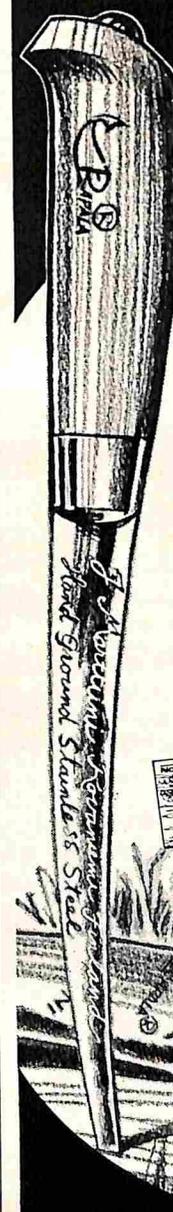
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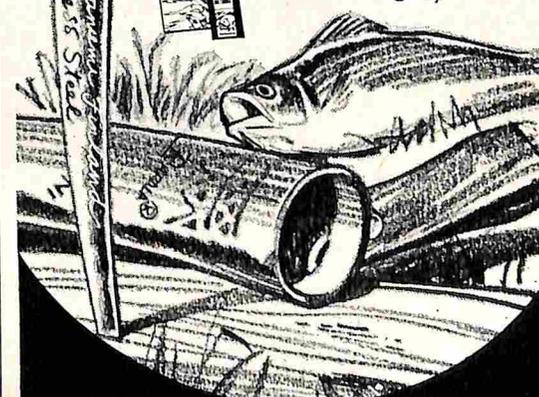
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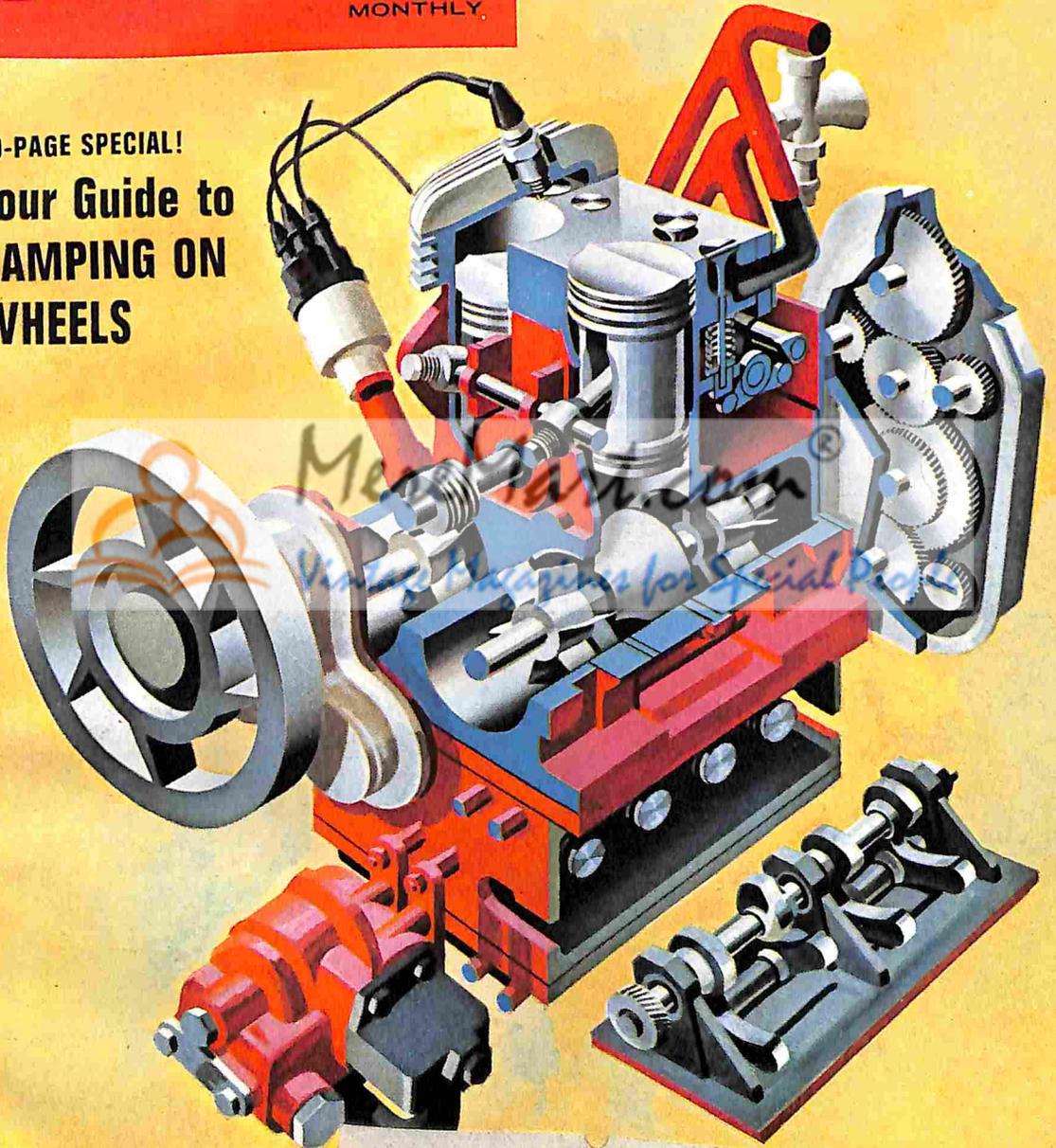
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