

NOVEMBER

PM November 2004 Volume 18 No. 11



36



94

AUTOMOTIVE

36 New Cars

Volvo XC90, Nissan Pathfinder, Jaguar XJL, 2005 Jeep Grand Cherokee.

38 Detroit Spy

2006 Mercury version of Ford Freestyle, Dodge Ram pickup, Ford Fusion and Explorer; 2007 Ford Shelby GR-1, Jeep Commander.

42 Asia Spy

Hyundai Santa Fe, Mazdaspeed Mazda6 and the Honda SUT.

44 Jay Leno's Garage

Jay finds a rare gem that hasn't seen the light of day for nearly 60 years.

90 Long-Term Test Cars

We say hello to a big hauler and goodbye to a little rocket.

137 Car Care

■ AUTO CLINIC

Car care Q&A.

■ SATURDAY MECHANIC

Finding service data online.

TECHNOLOGY

48 A Unified Device?

The cellphone, PDA and Blackberry are all vying to be the only wireless device you need. Who will win?

66 Is HDTV Ready?

There may still be some kinks, but high-definition television is looking better than ever.

94 Talking Pictures

Five hot models from the newest crop of megapixel camera cellphones.

146 The Easiest Upgrade

Installing more RAM is an easy way to increase your computer's performance.

DREAMIN': Jay finds the answer to a prayer in an old collector's garage.

THE ONE PHONE: Manufacturers are racing to create the best all-encompassing gadget.



(Please turn to page 6)

THIS MONTH

The new standard in toys for the very rich might well be this: the first supersonic jet that you don't have to be a fighter pilot to fly. **PAGE 72**

November 2004 Volume 181 No. 11

18

SCIENCE

18 **Technology Watch**

- Catching up with the fastest soapbox on wheels.
- Causing deadly genes to glow may help fight cancer.
- NASA launches nuclear reactor into space.
- India's air force outduels the U.S. Air Force, *plus more.*

30 **Going Deep**

Twenty-seven years after *Alvin* first explored thermal vents on the ocean floor, its successor will go even deeper.

78 **Hack The Vote**

Are electronic voting machines the answer to election confusion or a disaster waiting to happen? We investigate.

HOME

83 **30 Quick Fixes For Everyday Disasters**

A solve-it-fast guide for home, car and more. Because sometimes duct tape just isn't enough.

109 **Special Section: Classic Craftsmanship**

Our annual woodworking guide features beautiful handcrafted furniture that you can build now and enjoy for a lifetime. The projects are:

- A maple workbench.
- An Arts & Crafts armchair.
- A solid mahogany chest.

MONTHLY

10 **EDITOR'S NOTES**

12 **COMMUNICATE WITH US**

14 **LETTERS**

16 **TIME MACHINE**

154 **GREAT STUFF**

168 **IT WORKED FOR US**

ON THE COVER
Art by Paul DiMare, Neal Barrett.

STABLE INVESTMENT: This solid workbench will make shop work easier.