

CHEVY

HIGH PERFORMANCE

CONTENTS

TECH

22 MAGNIFICENT!

Our LS1 mule is getting thrown through the gauntlet yet again. This time we utilize the expertise of Coast High Performance to swap in low-compression slugs, top it off with a set of TFS 215cc cylinder heads, and try out MagnaCharger's potent TVS huffer.

26 BOOST MACHINE

We place our small-block-powered '72 Nova onto the chassis dyno and get the before-and-after results of adding a Weiand 142 supercharger.

30 V IS FOR POWER

You asked for it, so we did it! We add a Vortech VSi blower to our Pace Performance 502 short-block with a set of Dart 335cc heads and search for big streetable numbers through a blow-through configuration.

36 WHIPPLE STOMP

Whipple's small-block tuner kit turns our modest 383 into a torque-busting maniac.

44 WIDE LOAD

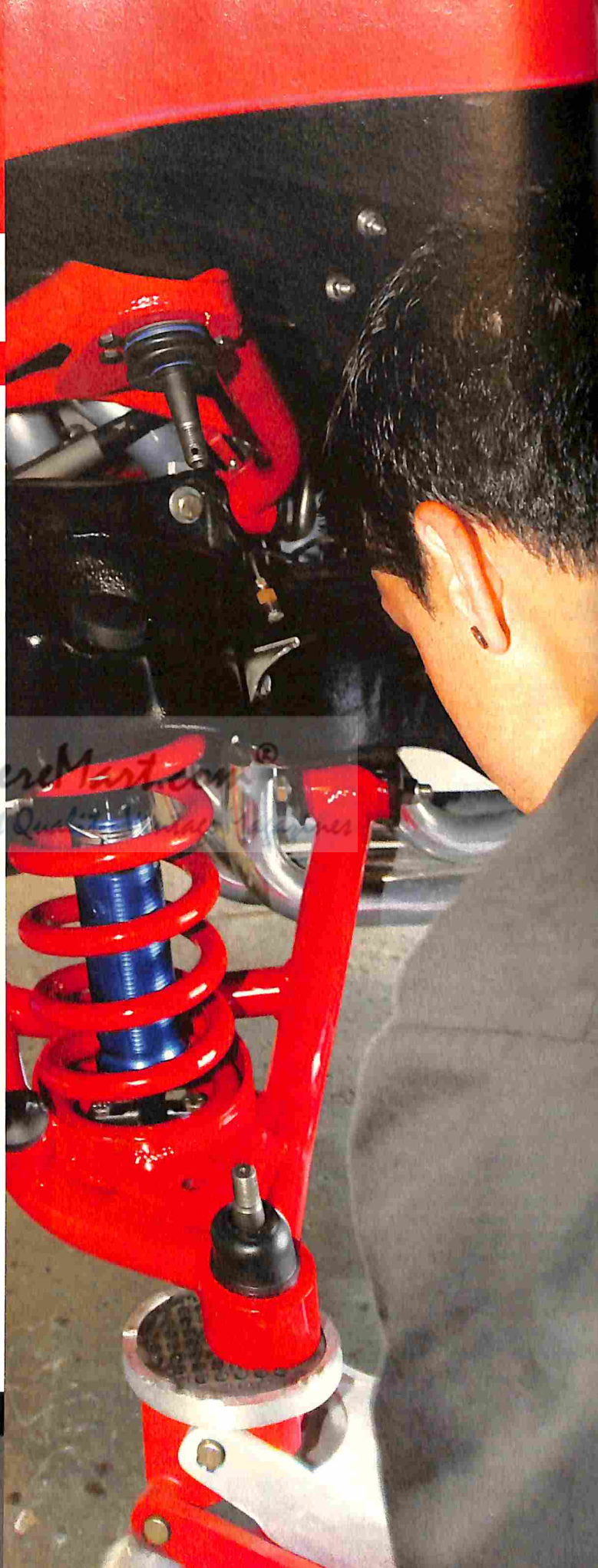
It's time to shoehorn the big-block into our '66 El Camino. We drop in the entire powertrain, showcasing the trials and tribulations to help you get the job done yourself.

52 TURN & RUN

A&E Motorsports takes the reigns and shows us how to install a complete BMR high-performance suspension system on an A-body Chevelle.

ON THE COVER

Superchargers, be they centrifugal, roots, roots hybrid, or twin-screw, all make serious power. Purchasing one for your application is only a matter of personal preference, and this month we covered the gamut, putting them to the test on several combinations. Photo by Henry D.



HOW TO MAKE YOUR A-BODY DRIVE ON RAILS

CHEVY

HIGH PERFORMANCE

TEEN-BUILT
SHOEBOX



BRUTE FORCE!

THE HOTTEST
SUPERCHARGED
COMBOS INSIDE

CARBURETED

- 1,100hp ZZ502ci
- 738hp 383ci
- 330 rwhp 350ci

PLUS

FUEL INJECTED
GEN III 652HP
LATEST TVS
MAGNA
CHARGER!

D.I.Y.
BIG-BLOCK
SWAP IN
YOUR ELCO



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17 TRANSMISSION TIPS
PICK THE RIGHT ONE
FOR YOU, THE COSTS
& HOW THEY WORK