

**MUSCLE CRAZY!** '07 RACING KICKOFF

# MUSTANGS & FAST FORDS

**YOUR 5.0 & 4.6 POWER SOURCE**



**MM&FF TRUE STREET  
NMRA RECORD SMASHER  
FFW FLORIDA FREAKOUT**

# STEEDA

## Q335

**PUSHED TO THE LIMIT!**



**BONUS!  
POSTER  
INSIDE**

**GET SUPERCHARGED!**

**793HP SHELBY GT500  
SUPER COUPE V-6 SOUP-UP  
FORD RACING WHIPPLE  
INSTALL—MAKE 70 HP  
WITH LOW BOOST**

## STREET STICK SHOOTOUT

**TECH**

**JESEL MODULAR  
CAM FOLLOWERS:  
WE FIND 42 HP!**

**35HP  
THREE-VALVE  
CAM SWAP**

**TUNE YOUR FORD  
INNOVATE  
AIR/FUEL METER.**

JULY 2007  
USA \$4.99 • CANADA \$5.99  
A PRIMEDIA Publication



DISPLAY UNTIL JUNE 26, 2007

WWW.MUSCLEMUSTANGFASTFORDS.COM

GETTING THE **AIR/FUEL MIXTURE** JUST RIGHT CAN BE TRICKY, EXCEPT WHEN YOU USE A WIDE-BAND O<sub>2</sub> SENSOR WITH DATA-LOGGING CAPABILITIES LIKE THIS ONE FROM INNOVATE MOTORSPORTS.

BY STEVE BAUR

## POWER HANGS IN THE

# BALANCE

**T**HE HORSEPOWER war rages on the street and the track these days, and fuel injection has given a new meaning to streetable power. Every hot-rodder is pushing the envelope, but doing so without knowing what's going on in your engine is, well, just stupid. People spend all kinds of money on high-performance parts and gauges to "monitor" the engine, yet what may be the most important aspect of engine operation—the air/fuel ratio—is often neglected.

Keeping an eye on the all-important chemical mixture inside your engine can be the difference between making power and making the pistons pop out the sides of the block. Lean conditions and detonation conspire to kill engine-block components with great skill, but overly rich conditions can be just as hazardous. Too much fuel can reduce power and even ruin piston rings, as the fuel can wash away the thin barrier of oil between the piston ring and the cylinder wall, losing compression in the process.



**THE STAND-**alone gauge kit (\$399) comes complete with the patented LC-1 wide-band controller, the XD-16, the Bosch five-wire wide-band O<sub>2</sub> sensor, a bung/plug kit, a software CD, and a quick-start guide.



**THE DL-32** kit (\$499) includes the DL-32, mounting hardware, an SD memory card, a CD that includes software and manuals, a quick-start guide, a 6-foot thermocouple wire, an MTS 2.5mm to 2.5mm male cable, and a pushbutton and LED.







