



## SCORPION 377

### RACING STERNDRIVE

#### 2005 NEWS AND NOTES

First introduced in 1997, the potent Scorpion 377 has fast become a favorite among OEM boatbuilders who offer smaller, single-engine performance hulls and select twin-engine rigs where a high power-to-weight ratio is key to overall boat performance. The 377 is smaller in size and 250 lb lighter than larger-displacement big blocks, yet provides comparable performance. Mercury Racing® technicians blueprint the handcrafted engine, built on a 350 cubic inch GM® block, by first increasing the stroke for an additional 27 cubic inches of displacement. The larger displacement, along with specialty engine components including a high-lift hydraulic camshaft, stainless steel intake and exhaust valves, balanced forged-steel crankshaft and lightweight aluminum alloy pistons, enhances power and torque throughout the engine's operating range. Fuel distribution is handled by a multiport electronic injection system developed by Mercury Racing.

The 2005 Mercury Racing Bravo One XR™ drives feature new styling and graphics, as well as internal enhancements, which improve drive durability and shift ability. The superior quality and versatility of the new Bravo XR drives will provide end consumers with a better product that brings out the best in both our engine packages and your boats. Prices, despite updates, remain the same.

#### STANDARD FEATURES

##### RELIABILITY

- MEFI 3 Electronic Control Module digital ignition system features advanced electronics for more precise fuel and spark control, along with better top-end throttle response
- Industry-exclusive three-year limited corrosion failure warranty
- Water-cooled and insulated fuel system helps keep fuel temperatures down and greatly reduces potential for vapor lock with today's fuels
- A one-piece serpentine belt system requires less horsepower to drive engine accessories

##### PERFORMANCE

- Improved shift plate
- New flywheel housing
- Specialty engine components, including a high-lift hydraulic camshaft, stainless steel intake and exhaust valves, balanced forged-steel crankshaft and lightweight aluminum-alloy pistons, enhance power and torque throughout the engine's operating range
- Balanced and blueprinted, multiport-injected V-8 produces 400 foot-pounds of torque

##### EASY OWNERSHIP

- Water-cooled and insulated fuel system helps keep fuel temperatures down and greatly reduces potential for vapor lock with today's fuels
- Multipoint hand-removable drain plugs
- Remote oil drain

##### TECHNOLOGY

- Optional Integrated Transom System (ITS) enhances drive-height flexibility while making the transom more aesthetically pleasing and simplifying installation. The ITS features integral power steering cylinders, as well as performance upgrades to the Bravo One XR drive housings
- Powerful 65-amp/917-watt alternator provides dependable starting and additional power for operating electrical accessories



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### SPECIFICATIONS

Power	377 hp (294 kW)
Full Throttle Range	4800 – 5200 rpm
Displacement	377 CID (6.2L)
Engine Type	V-8
Bore & Stroke	4.00" x 3.75" (102 mm x 95 mm)
Compression Ratio	9:1
Fuel Requirement	92 Posted Octane (R+M)/2 (98 RON)
Fuel System	MPI
Ignition System	Digital
Charging System	65-Amp/917-Watt Alternator
Drive Unit	Bravo One, Bravo One XR (Standard With Dual Water Pickup or Optional With Low Water Pick), Bravo One XR w/ITS, Bravo One XR Sport Master (Standard or Short), and Bravo One XR Sport Master (Standard or Short) w/ITS
Bravo One Ratios	1.36:1, 1.50:1, 1.65:1
Bravo One XR Ratios	1.26:1, 1.35:1, 1.50:1
Bravo One XR Sport Master Ratios	(Standard and Short) – 1.26:1, 1.35:1, 1.50:1
Dimensions (LxWxH) in	37 x 29 x 20
Dimensions (LxWxH) mm	940 x 737 x 508
Weight (lb/kg)	969/441
Warranty Coverage	One-Year Limited For Recreational Boating/Three-Year Limited Corrosion
CARB Star Rating	Three