

Captain's Choice 8.1



Specifications	8.1 MPI	8.1 HO MPI
Displacement:	8.1L/496 c.i.d.	8.1L/496 c.i.d.
Cylinders:	V-8	V-8
Rated Power:*	385 hp@4600 rpm	425 hp@5000 rpm
Cruising RPM	Idle-3800 rpm	Idle-4000 rpm
Max RPM	4400-4800 rpm	4800-5200 rpm
Fuel System:	Multi-Port EFI	Multi-Port EFI
Rotation:	LH	LH
Length:	43.5"	43.5"
Width:	32.8"	32.8"
Height:	31.4"	31.4"
Total Weight:**	1200 lbs	1200 lbs

Standard Features

Cooling System

- ◆ Full freshwater cooling system including exhaust manifold
- ◆ Rear-mounted heat exchanger with easy maintenance reservoir
- ◆ Dependable engine and transmission cooler
- ◆ Automotive-style modular, belt-driven stainless steel raw water pump
- ◆ Thermostatically controlled cooling system

Exhaust System

- ◆ Full freshwater system guards against water intrusion and condensation, which can cause corrosion
- ◆ Free breathing exhaust manifold
- ◆ High level exhaust discharge
- ◆ Reversible exhaust riser system

Electrical System

- ◆ Electronic Ignition
- ◆ 12-volt negative ground system
- ◆ High output 70-amp alternator (100 amp optional)
- ◆ Overload damage protection by a manual reset circuit breaker
- ◆ Prewired wiring harness with 10-prong disconnect
- ◆ High-torque positive-engagement top-mount marine starter

Distributorless Ignition

- ◆ Coil-near-plug ignition system
- ◆ No points, rotor, condenser or cap
- ◆ Platinum-tipped spark plugs
- ◆ Longer maintenance intervals

Electronic Fuel Injection

- ◆ Instant starting
- ◆ Precise throttle response
- ◆ Outstanding cruising and top-end performance
- ◆ Increased fuel efficiency

Engine Management System

- ◆ Knock sensor adjusts for low octane
- ◆ Automatic spark control provides peak performance under all operating conditions
- ◆ Monitors the vital signs of the lubrication and cooling systems
- ◆ Rev limiter prevents engine damage from over-revving

Exclusive Fuel Control System

- ◆ Eliminates vapor lock
- ◆ Protects EFI system against contaminated fuel
- ◆ Premium, extra large fuel filter/water separator
- ◆ Easy to reach and service

Vibration-Free Mounts

- ◆ Precision precompressed adjustable mount
- ◆ Vibration isolators for vibration-free performance
- ◆ Versatile six-way adjustment for trouble-free installation
- ◆ Unique rear mount system provides double support for added stability and strength
- ◆ Self-adjusting to stringer surface

Lubrication System

- ◆ Remote oil filter
- ◆ Full pressure full flow filtering system
- ◆ Positive crankcase ventilation

Transmission Options

- ◆ Compatible with all available marine transmissions

Miscellaneous

- ◆ Membership in the Captain's Club
- ◆ Owner's and parts manuals on CD
- ◆ Engine lifting rings
- ◆ Throttle and shift control brackets
- ◆ Multi-coat non-corrosive paint
- ◆ Meets and exceeds California's Ultra Low emission requirements
- ◆ U.S. Coast Guard approved flame arrester

Warranty

- ◆ 2-year buyer protection plan

**Horsepower rated at propeller according to NMMA procedures*

***Weight with 1:1 transmission*

Crusader reserves the right to discontinue options at any time or change specifications, equipment or designs without notice or incurring obligation.


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E N G I N E S