



STEALTH LINE™

SUZUKI



DF250A STEALTH
DF250 STEALTH
DF200 STEALTH
DF150 STEALTH
DF115B STEALTH



SHINOBI: STEALTH (in Japanese)

The “ONE” that is quiet in nature yet strong in performance with exceptional endurance. Suzuki outboards have always been described in these terms, and finally our engines’ outward appearance reflects these standards of our legendary lineup of engines.

The bold new STEALTH LINE of engines matches Suzuki Marine’s legendary power, performance, and Ultimate technology. Defined style lines and the new matte black finish exudes confidence, saying “This one’s got the Look”.

- Distinctive Matte Black Finish
- Chrome Black Graphics
- Uncompromising Performance
- The Ultimate Look

This new lineup solidifies Suzuki Marine as the Ultimate Outboard Motor.



STEALTH LINE™

DF250A STEALTH

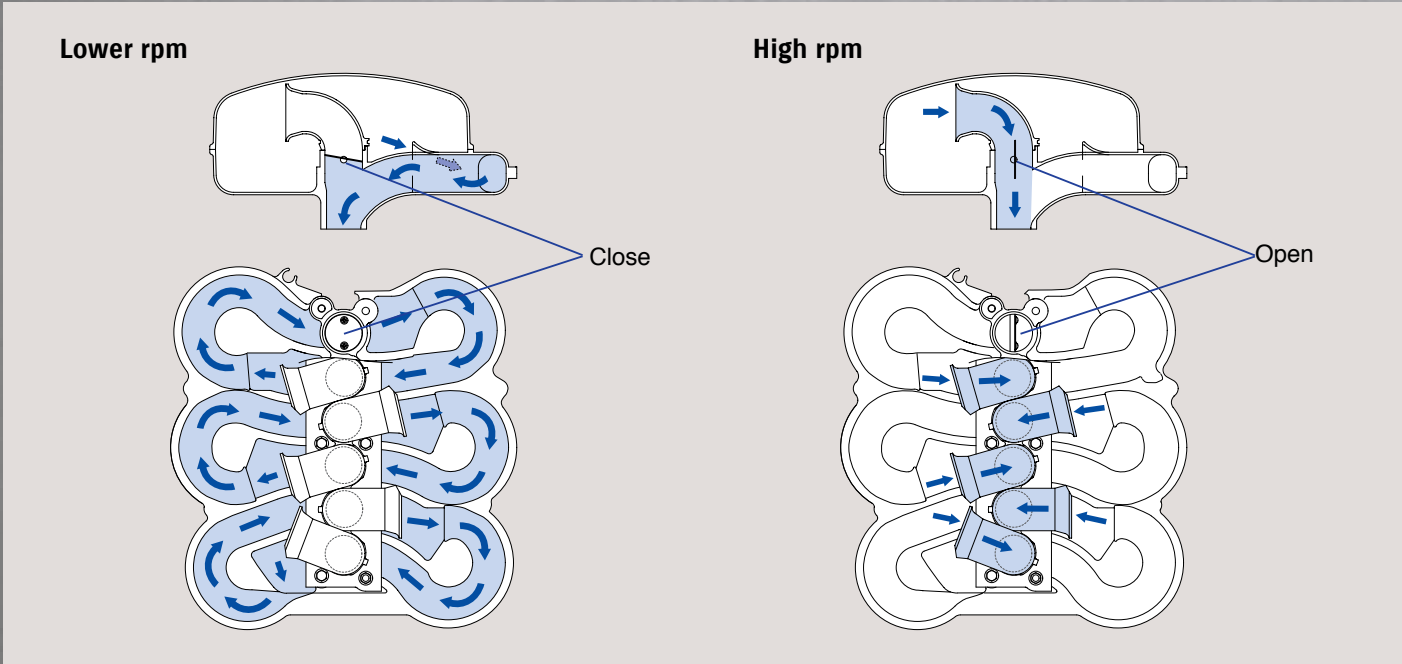
- Fly-By-Wire Digital Technology utilizing our new SPC 2.0 controls
- Auto-Trim feature automatically raises or lowers trim angle
- Keyless Start System (optional)
- New cowling design featuring new intake louvers, upper cover grips to assist with cowling removal
- New graphics including raised black Suzuki lettering and matte color and design
- Available in White
- New Lower Unit design to improve cruising performance and prevent cavitation
- The skeg has a specially designed “left-right asymmetry” with a curve in it to assist in maneuvering
- Incorporated stiffer upper mounts for improved stability at speed
- The Gear Oil drain plug and anode has been relocated behind the water screen

Multi Stage Induction

Suzuki engineers also utilized Suzuki’s Multi-Stage Induction, which changes intake manifold pipe length according to engine rpm to enhance engine performance. The DF250SS utilizes two intake manifold pipes per cylinder; one operates at low engine rpm and the other takes over at higher rpm.

As engine rpm increases, a valve on the intake manifold opens, letting air enter directly into the combustion chamber through the short, straight intake pipe. This allows a greater volume of air into the chamber, increasing the engine’s ability to breathe at high rpm, thus improving high-end power output.

Air Flow in Multi-Stage Induction Module



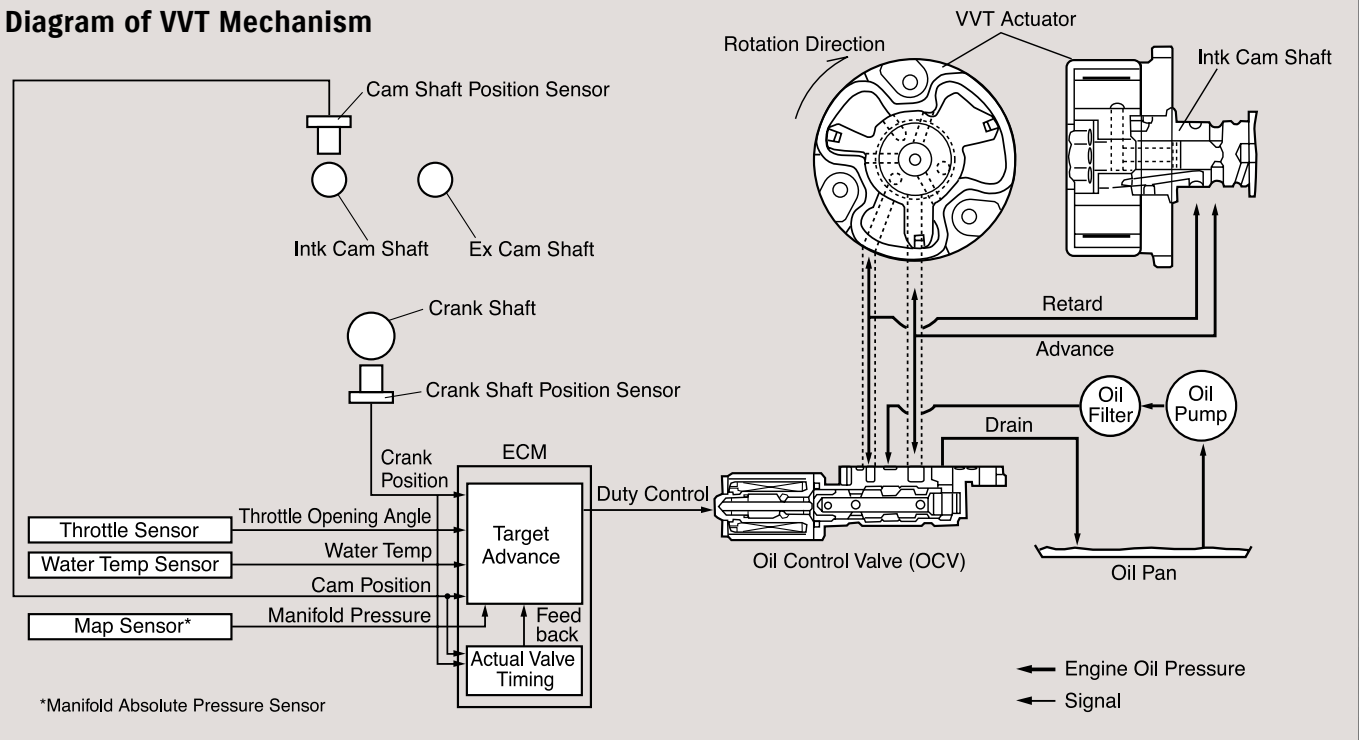
DF250 STEALTH

- The DF250 STEALTH is designed to deliver performance and reliability that today’s pro and amateur tournament fishermen demand.
- 4.0-liter Big Block engine—combined with Suzuki’s proven Multi-Point Sequential Fuel Injection, Variable Valve Timing (VVT) and Multi Stage Induction delivers superior acceleration throughout the entire powerband.
- The DF250 STEALTH features a 12V 54A alternator to power a full array of onboard electronics. Suzuki’s design allows the alternator to produce a majority of it’s output at low rpm, producing 38A at 1000 rpm.
- Gear case features a hydrodynamic design, introduced first on the flagship DF300, that reduces drag resistance for fast acceleration and increased top speed.
- The 250 STEALTH complies with the California Air Resources Board’s (CARB) 3-Star Ultra Low Emission Rating.

VVT (Variable Valve Timing)

Suzuki engineers started off in a big way by designing the DF250 STEALTH based on a big block 4.0-liter engine. This V6 engine features an aggressive cam profile, delivering maximum output and performance at high rpm, and Suzuki’s advanced Variable Valve Timing (VVT), provides the DF250 STEALTH with the torque needed to boost low- to mid-range acceleration. VVT provides this boost by adjusting the intake valve timing, allowing intake valves to open before the exhaust valves are fully closed. This process creates a momentary overlap in the timing where both sets of valves are open. With VVT, this overlap can be increased or decreased by altering intake timing with the camshafts to optimize timing for low- and mid-range operation.

Diagram of VVT Mechanism



THE 150/200 STEALTH



- Suzuki's 150/200 STEALTH brings you the best of brains and brawn, combining high tech features with Suzuki's proven Big Block displacement.
- Redesigned Inline 4-Cylinder engine features Dual Overhead Cams and powerful 10.2-to-1 compression ratio for superior throttle response.
- Suzuki's Multi-Stage Sequential Fuel Injection and Variable Valve Timing (200 STEALTH Only) take full advantage of these engine's Big Block 175.0 cu.in. displacement to provide power and torque for hole shot and top end speed..
- Lean Burn Control Technology provides improved fuel efficiency so you can stay out longer between fuel stops.
- The 150/200 STEALTH features a 12V 44A alternator to power a full array of onboard electronics. Suzuki's design allows the alternator to produce a majority of its output at low rpm.
- Knock and O₂ sensors contribute to superior reliability.
- The 150/200 STEALTH complies with the California Air Resources Board's (CARB) 3-Star Ultra Low Emission Rating.

LEAN BURN

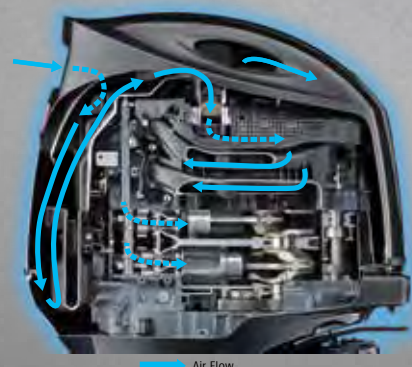
Suzuki Lean Burn Control System

Monitoring engine performance and operating conditions in real time, the system uses the 32-bit onboard ECM to predict fuel needs and deliver a leaner, more precise fuel mixture across the outboard's operating range. The results show significant improvements in fuel economy across the entire powerband, including the cruising range where the engine is used a majority of the time.

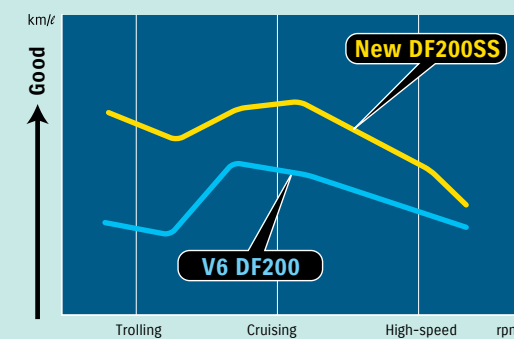
Semi-Direct Air Intake System

The cover on the new 200 STEALTH has a modern upswept design giving it an innovative look. Underneath the looks though, the design is all about function. Incorporated into the cowl is a semi-direct air intake system that delivers cooler air directly to the engine's tuned multi-stage induction module. Engines breathing cooler air are able to increase operating efficiency resulting in greater acceleration and top-end speed.

The cover's design also helps reduce the temperature inside the engine with ports that allow the rotating flywheel to push warm air from inside of the cover to the outside.



Comparison of Fuel Efficiency per Liter (New DF200SS vs. V6 DF200)



Compared to the original V6 DF200, the new DF200SS delivers up to a 19% increase in fuel efficiency mainly in the cruising range (around 70% of its maximum speed).

* Data used in the graphs were obtained through "In-House Suzuki Testing" under uniformed conditions. Results will vary depending upon operating conditions (boat design, size, weight, weather, etc.)

THE 115B STEALTH

- Equipped with Suzuki's new Microplastics Collecting Device
- New air intake system separates water from air twice before intake
- Integrates the ignition coils into the spark plug caps
- Newly designed ventilation which cools the coils better
- Water Detection System helps protect the engine from water in the fuel
- Optimized Fuel Filter position traps water before it can enter the engine and facilitates easy replacement of fuel filter
- Large capacity Fuel Pump
- High 10.6:1 Compression Ratio provides more torque
- Optimized O₂ Sensor mounting position
- Using Zinc-containing Rustproof Coating on bolts
- Intake noise is further suppressed with a resonator
- The Lean Burn Control System supplies the appropriate amount of fuel and air mixture depending on the navigation conditions.

Suzuki Water Detecting System

Water in the fuel can lead to problems that include poor combustion, lower power output, and corrosion. The Suzuki Water Detecting System is designed to help protect the engine from moisture in the fuel utilizing a water detecting fuel filter to alert the operator with both visual and audio warnings when water is present in the fuel. The filter also designed to let you check for water visually.



Suzuki Troll Mode System (Optional)

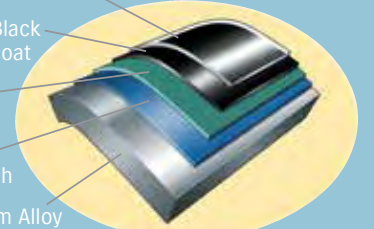
The Suzuki Troll Mode System is optionally available on all three outboards. This system provides finer control over engine speed at low rpms keeping the boat moving at a steady speed while trolling. When the system is engaged, engine speed is controlled with an independent control switch that adjusts engine revs in 50rpm increments over a range that spans from idle to 1,200rpm. In addition to the controls switch, which can be mounted nearly anywhere on the console, the system includes a tachometer and is compatible with Suzuki's digital gauges or the dual scale analog gauges. (Available on 115SS, 150SS and 200SS models.)



Suzuki Anti Corrosion Finish

Suzuki's Anti Corrosion Finish is specially formulated to increase the durability of the engine and help protect parts of the outboard's aluminum exterior. This advanced finish is designed for maximum bonding of the finish to the outboard's aluminum surface, creating an effective treatment against corrosion.

Acrylic Resin Clear Topcoat
Acrylic Resin Black Metallic Basecoat
Epoxy Primer Undercoat
Suzuki Anti-Corrosion Finish
Suzuki Aluminum Alloy



SPECIFICATIONS

MODEL	DF250A STEALTH	DF250 STEALTH	DF200 STEALTH	DF150 STEALTH	D115B STEALTH
RECOMMENDED TRANSOM HEIGHT IN	L: 20 X: 25	L: 20 X: 25	L: 20 X: 25	L: 20 X: 25	L: 20 X: 25
STARTING SYSTEM	Electric				
WEIGHT LBS *1	L: 624 X: 637	L: 578 X: 606	L: 518 X: 529	L: 511 X: 522	L: 394 X: 405
ENGINE TYPE	DOHC 24-Valve		DOHC 16-Valve		
FUEL DELIVERY SYSTEM	Multi-Point Sequential Fuel Injection				
NO. OF CYLINDERS	V6 (55-degree)		4	4	4
PISTON DISPLACEMENT IN³	245.6		175.0	175.0	124.7
BORE X STROKE IN		3.81 x 3.46	3.81 x 3.81	3.81 x 3.81	3.40 x 3.50
MAXIMUM OUTPUT HP (PS)	250	250	200	150	115
FULL THROTTLE OPERATING RANGE RPM	5,300-6,300	5,300-6,300	5,500-6,100	5,000-6,000	5,600-6,000
STEERING	Remote				
OIL PAN CAPACITY QT	8.5	8.5	8.5	8.5	5.8
IGNITION SYSTEM	Fully-transistorized				
ALTERNATOR	12V/54A	12V/54A	12V 44A	12V 44A	12V 40A
ENGINE MOUNTING	Shear Mount				
TRIM METHOD	Power Trim and Tilt				
GEAR RATIO	2.08:1	2.08:1	2.5:1	2.5:1	2.59:1
GEAR SHIFT	F-N-R				
EXHAUST	Through Prop Hub				
COLOR	STEALTH BLACK				
PROPELLER SELECTION (PITCH)	17"-30"				9"-26"

* Dry weight, including battery cable, not including propeller and engine oil.

**Boats and motors come in a large variety of combinations. See your authorized dealer for correct prop. selection to meet recommended RPM range at W.O.T.

Please read your owners manual carefully. Remember, boating and alcohol or other drugs don't mix. Please operate your outboard safely and responsibly.

Suzuki encourages you to operate your boat safely and with respect for the marine environment.

SUZUKI MOTOR CORPORATION reserves the right to change, without notice, equipment, specifications, colors, materials and other items to apply to local conditions.

Each model may be discontinued without notice. Please inquire at your local dealer for details of any such changes. Actual body colors may differ slightly from the colors in this brochure.



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