

# PRODUCT INFORMATION

## DF40A / 50A / 60A



Way of Life!



THE  
**ULTIMATE**  
4-STROKE OUTBOARD

# Delivering Superior Power and Fuel Efficiency

Today's outboards must be highly economical and deliver environmentally responsible operation. Using our unique vision and innovative technologies, we at Suzuki are constantly seeking new ways to provide our customers all over the world with outboards that meet these requirements and deliver satisfaction and excitement.

The DF40A, 50A and 60A are the latest addition to Suzuki's fleet of fuel-efficient new generation four-stroke outboard motors. Suzuki engineers have combined a high performance DOHC (dual overhead cam) engine with Suzuki's Lean Burn Control System to create an outboard that delivers superior power and performance along with top-level fuel economy.

Based on Suzuki's proven in-line three-cylinder design with four valves per cylinder, this engine design utilizes a highly efficient air intake system that delivers maximum effectiveness in the high rpm range for high performance power. These are the only engines in the 40 / 50 / 60 HP outboard class to offer DOHC performance, and also the only engines in this class to incorporate a maintenance-free, oil-bathed timing chain, which provides increased durability. Additional features include electronic fuel injection, Suzuki's easy start system, and a large capacity 19A alternator.

With larger displacement for increased power and performance, Suzuki's Lean Burn Control System for improved fuel economy, and designs that are more compact and lighter in weight than their predecessors, the DF40A, DF50A and DF60A are an excellent choice for today's boaters.

## FEATURES

- High performance DOHC 12-valve engine
- Suzuki's innovative Lean Burn Control System delivers remarkably fuel efficient operation
- Electronic Fuel Injection delivers optimum performance
- Maintenance-free timing chain
- Large capacity 19A alternator

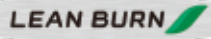


## Mechanically Efficient DOHC 12-Valve Engine

Suzuki engineers based this design utilizing Suzuki's proven in-line 3-cylinder 12-valve engine. This high performance engine has a displacement of 941cm<sup>3</sup> and features a DOHC powerhead—the only DOHC engine used in the 40 / 50 / 60 HP outboard class—with four valves per cylinder, and an air intake system optimized for maximum efficiency in the high rpm range. When designing this engine, Suzuki engineers also focused on improving mechanical efficiency. Each component was analyzed and redesigned to reduce mechanical loss in order to improve efficiency. As an example, a new oil pump design makes internal oil flow more efficient, keeping moving parts better lubricated while using less energy. The combined reduction in mechanical loss throughout the engine contributes to better fuel economy.



## Suzuki's Lean Burn Control System

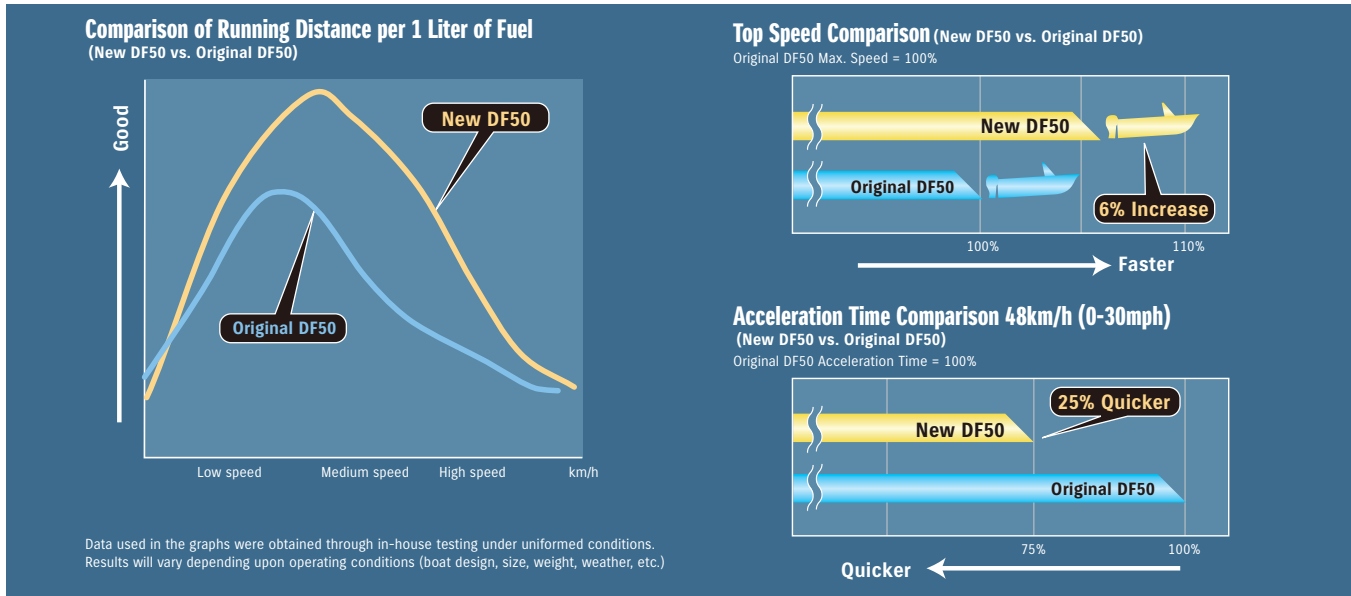


Suzuki's Lean Burn Control System is an intelligent system that monitors engine performance and operating conditions to predict fuel needs and deliver a leaner fuel mixture to the engine. First introduced on the DF90A / 70A, this system provides remarkable improvements in fuel economy from low speed operation up into the cruising range, which is where the engine is used a majority of the time. In-house testing shows that at medium speeds,

the DF50A achieves a 23% improvement in fuel consumption than its predecessor.

## Suzuki Easy Start System

Starts are quick and easy with Suzuki's Easy Start System. No need to hold the key, just turn it once and the starter system stays engaged until the engine starts. The system delivers smoother and improved starts to get you up and running quicker.



## Maintenance Free Timing Chain

The DF40A / 50A / 60A are the only outboards in this class to incorporate a timing chain. The chain is oil-bathed, self adjusting, and maintenance free to provide boaters with years of dependable service.

## Large Capacity 19A Alternator

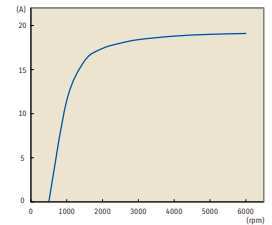
The DF40A / 50A / 60A are equipped with a powerful 19A alternator that generates approximately 11.5A even with the engine running at a low 1,000 rpm. Under normal circumstances that's enough power to keep an assortment of marine electronics operating in most situations.

## Suzuki Troll Mode System (Optional)

Fishermen know that precise control of trolling speed makes a tremendous difference in the presentation of bait and lures – and the resulting catch. DF40A, DF50A, DF60A, outboards can be equipped with this system. The operator can increase or decrease the engine speed in 50 rpm increments with the simple touch of an optional function rocker switch located near the helm.

## Multi-Point Sequential Electronic Fuel Injection

Suzuki pioneered the use of multi-point sequential electronic fuel injection in four-stroke outboards. This advanced, time-tested system gathers operating data from a series of sensors located in key areas on the engine, processes the data and calculates the optimum amount of fuel and air needed for the engine—all in real time. Boaters benefit with smooth starts, maximum operating efficiency, excellent fuel economy, and reduced emissions.



## Anti Corrosion System

Suzuki protects the outboard's exterior from harmful corrosion with its own specially formulated anti-corrosion finish. Applying the finish directly to the outboard's aluminum surface allows maximum bonding of the finish to the surface to increase durability and help protect parts that are constantly exposed to saltwater.



## SPECIFICATIONS

MODEL	DF40A/50A/60A
RECOMMENDED TRANSOM HEIGHT IN	L: 20
STARTING SYSTEM	Electric
WEIGHT LBS *1	L: 229
ENGINE TYPE	DOHC 12-Valve
FUEL DELIVERY SYSTEM	Multi-Point Sequential Electronic Fuel Injection
NO. OF CYLINDERS	3
PISTON DISPLACEMENT in <sup>3</sup>	57.4
BORE X STROKE in	2.85 x 2.99
MAXIMUM OUTPUT hp (ps)	DF40A: 40 DF50A: 50 DF60A: 60
FULL THROTTLE OPERATING RANGE rpm	DF40A: 5,000-6,000 DF50A: 5,300-6,300 DF60A: 5,300-6,300
STEERING	Remote
OIL PAN CAPACITY qts	2.9
IGNITION SYSTEM	Fully-transistorized
ALTERNATOR	12V 19A
ENGINE MOUNTING	Shear Mount
TRIM METHOD	Power Trim and Tilt
GEAR RATIO	2.27:1
GEAR SHIFT	F-N-R
EXHAUST	Through Prop Hub Exhaust
PROPELLER SELECTION (Pitch)	9"-23"



### 2011 NMMA INNOVATION AWARD WINNER

Most innovative new product in the Outboard Engine Category as voted by a panel of esteemed BWI marine journalists. The DF40A / DF50A / 60A delivers top end features to a smaller, neater power plant.

\*All propellers are the 3-blade type. Please inquire at your local dealer for details of the propeller.

\*1: Dry Weight: Including battery cable, not including propeller and engine oil.

## FEATURES

MODEL		60A	50A	40A
BODY COLOR	PEARL NEBULAR BLACK	●	●	●
	COOL WHITE	●	●	●
DIRECT IGNITION		●	●	●
SELF-ADJUSTING TIMING CHAIN		●	●	●
SUZUKI LEAN BURN CONTROL SYSTEM		●	●	●
SUZUKI EASY START SYSTEM		●	●	●
OVER-REV. LIMITER		●	●	●
LOW OIL PRESSURE CAUTION		●	●	●
FRESH WATER FLUSHING SYSTEM		●	●	●
SUZUKI TROLL MODE SYSTEM		○	○	○
TILT LIMIT SYSTEM		●		
SHALLOW WATER DRIVE				
DUAL WATER INTAKES		●	●	●

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

Please read your owner's manual carefully. Remember, boating and alcohol or other drugs don't mix. Always use a USCG-approved life jacket. 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 or obligation, 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



CARB Three-Star Label  
The three-star label identifies engines that meet the California Air Resources Board's 2008 exhaust emission standards. Engines meeting these standards have 65% lower emissions than EPA 2006 exhaust emission standards.