# 2020 SUZUKI GENUINE RIGGING-PARTS AND ACCESSORIES



### DISCOVER THE ULTIMATE MARINE EXPERIENCE WITH SUZUKI OUTBOARDS

Suzuki's "Way of Life!" is the heart of our brand - every Suzuki vehicle, motorcycle and outboard motor is built to create excitement so customers can enjoy everyday life.



Please read your Owner's Manual carefully. Remember, boating and alcohol or other drugs don't mix. Always wear a personal flotation device when boating. Please operate your outboard safely and responsibly.

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



Specifications, appearances, equipment, colors, materials and other items of "SUZUKI" products shown in this catalog are subject to change by manufacturers at any time without notice and they may vary depending on local conditions or requirements. Some models are not available in some territories. Each model might be discontinued without notice. Please enquire at your local dealer for details of any such changes. Actual body color might differ from the colors in this brochure.



Way of Life!



SUZUKI MOTOR CORPORATION 300 TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA 432-8611 JAPAN www.slobalsuzuki.com

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SUZUKI





# QUALITY. RELIABILITY. INNOVATION.

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> > Our outboards are respected by boaters worldwide for their quality, dependability, innovative design and superb engineering. You'll find the same skill, excellence and attention to detail in our Suzuki Genuine Parts and Accessories.

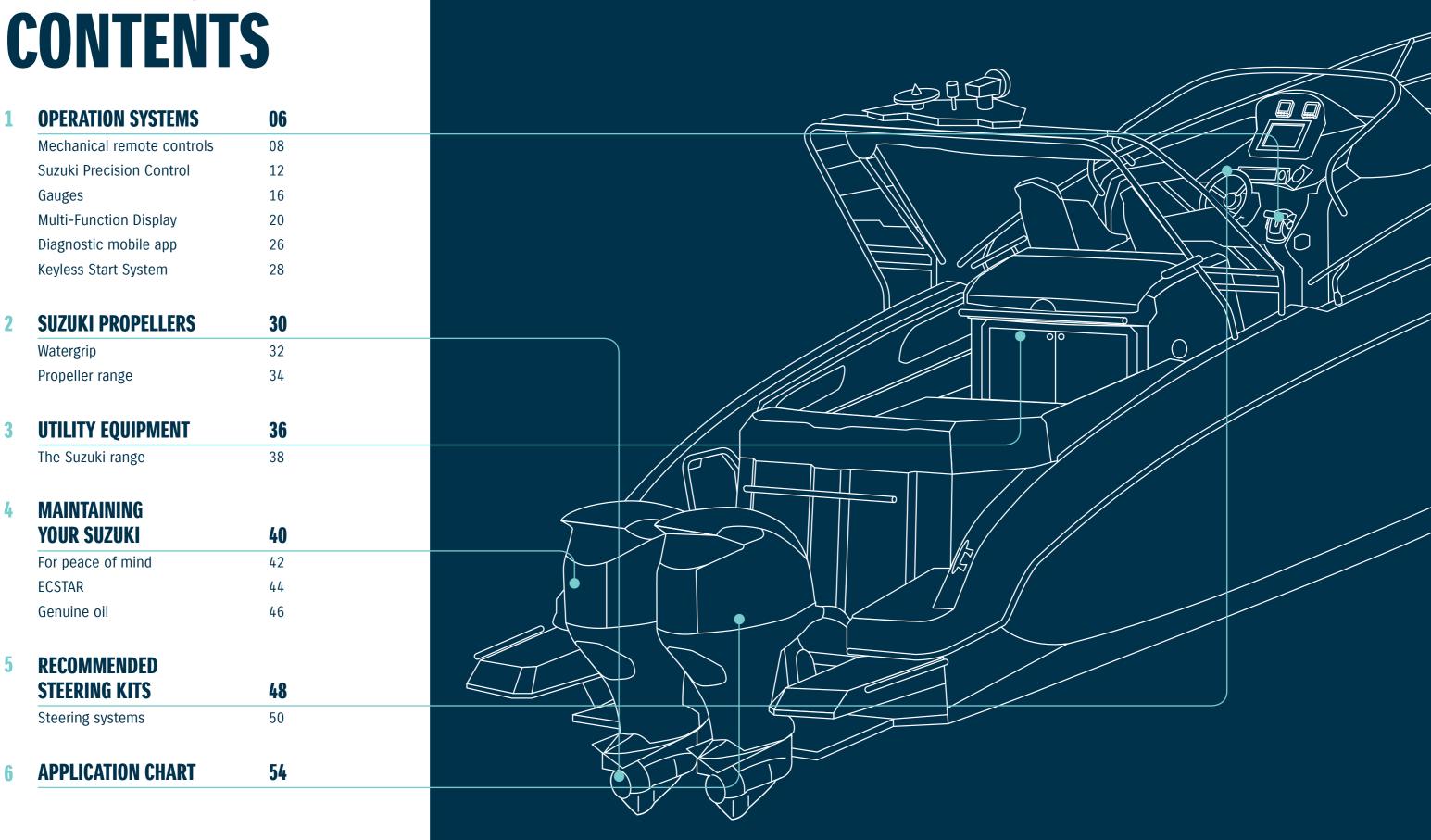
From our classic line of instruments and gauges to custom-engineered propellers and rigging kit, you can depend on Suzuki Genuine Parts and Accessories for outstanding performance, durability and reliability. Whatever type and model of Suzuki outboard you own, you'll find accessories and options designed specifically to match it, and help you get the most from it.

Suzuki Dealer.

# **PEACE OF MIND GUARANTEED**

To discover the full range, and find out more about ordering, fitting and using the accessories in this brochure, please talk to your local Authorised

# **TABLE OF CONTENTS**



# **OPERATION SYSTEMS** CONTROL. ELEGANCE. WORLD-FIRST.



aJZUKI

150

# **NEW DESIGN**

Our ever-popular Mechanical Remote Control Box has been completely reinvented by our finest engineers and most talented designers. With its ergonomic chamfer design, this new model not only makes your boating easier, smoother and more comfortable, it also looks fantastic on your console.





### **FEATURES**

- Unique chamfer grip is elegant and eye-catching
- Design matches our Multi-Function Gauge to give your console a harmonious, integrated look
- Lever has been fully ergonomically tested to optimise it for most hand sizes
- Shifting is smooth and positive

# OPERATION SYSTEMS MECHANICAL REMOTE CONTROLS Binnacle and flush mounts

Suzuki mechanical remote controls improve user-friendliness and give the driver even greater control and movement of the throttle through the optimum ergonomic design as well as a quality look to any boat console.

### BINNACLE-MOUNT REMOTE CONTROL BOX (FOR SINGLE-ENGINE)



67200-88L00-000 DF8A - DF250

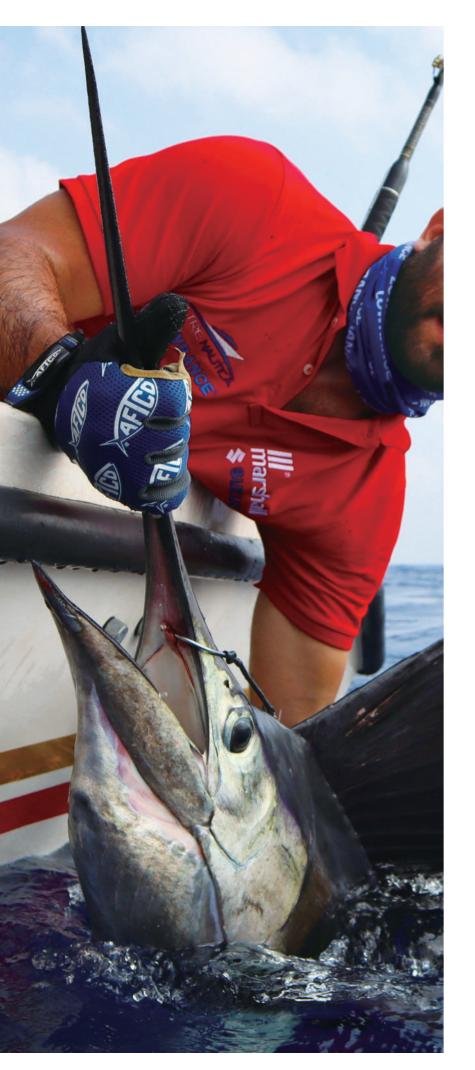
With its elegant design, smooth movement and the ergonomic chamfer grip, the Single Remote Control Box adds new levels of precision, comfort and control.

### BINNACLE-MOUNT REMOTE CONTROL BOX (FOR DUAL-ENGINE)



67200-88L10-000 DF8A - DF250

The Dual Remote Control Box is a masterpiece of ergonomic design, with its chamfer grips, and power trim and tilt switches in easy reach to make boating easier and more relaxing.



### FLUSH-MOUNT REMOTE CONTROL BOX (FOR SINGLE-ENGINE)



67200-93J33-000 DF8A - DF250

**SIDE-MOUNT REMOTE CONTROL BOX** (FOR SINGLE-ENGINE)



67200-93J60-000 DF9.9B - DF250

For reliable, relaxing boating, you need controls you can count on, whatever the conditions. So, through clever engineering and design, we've made our Flush-Mount and Side-Mount Remote Control Boxes as simple and robust as possible. That way, you can be confident you've got all the functions and control you need, and that they'll keep working flawlessly for years to come.



EMERGENCY SWITCH PANEL



TROLL MODE

UP

DN

\*Also available for

SUZUKI Precision Control DF40A-200A / DF150AP-300AP/ DF325A / DF350A PTT SWITCH PANEL



**IGNITION SWITCH PANEL** (SINGLE IGNITION WITH EMERGENCY-STOP SWITCH)



### **TROLL MODE SWITCH PANEL**

Available as an option on all remote control models from DF40A upwards, this easy-to-use system lets you adjust your engine speed in 50rpm increments for precision control at low revs. It has its own tachometer and control switch, and works alongside our Multi-Function and analogue gauges.

# OPERATION SYSTEMS MECHANICAL REMOTE CONTROLS Switch panels

To make boating even easier and reliable for you, we've developed a range of robust, waterproof, easy to use switch panels for your remote control boxes. Please ask your local Authorised Suzuki Dealer

### IGNITION SWITCH PANEL SINGLE IGNITION



### IGNITION SWITCH PANEL (DUAL IGNITION WITH EMERGENCY-STOP SWITCH)



### LIGHTING SWITCH PANEL



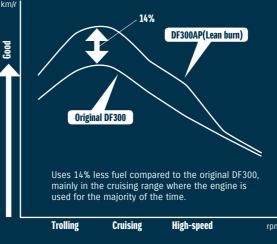
# OPERATION SYSTEMS SUZUKI PRECISION CONTROL Our drive-by-wire system

Suzuki Precision Control uses our most advanced technology to give you precise, effortless control for truly relaxing and enjoyable boating.

Conventional control systems use mechanical cables to activate the throttle. With Suzuki Precision Control, a computer sends signals to the engine electronically by wire, eliminating friction and making shifting easier and smoother. Plus, the system processes and transmits commands in real time to actuators in the engine, delivering precise, instant throttle responses for greater control and accuracy. It also has built-in features to help protect the engine and drive from damage, so you can enjoy your boating life to the full.

# LEAN BURN TECHNOLOGY

Fuel efficiency matters whether you're boating for pleasure or profit. Our Lean Burn Fuel Control Technology combined with Suzuki Precision Control, delivers the optimum fuel/air mixture to the engine. The system is designed to save fuel both at low speeds and up into the cruising range.



\* Results vary depending upon operating conditions

### **FEATURES**

- Drive-by-wire technology delivers smoother, more positive control
- Power is transmitted smoothly, instantly and precisely when required
- Works seamlessly with Suzuki's Lean Burn Control system to deliver remarkable fuel economy over a wide operating range

### BINNACLE-MOUNT REMOTE CONTROL BOX (FOR SINGLE ENGINE)



67200-98J05-000 DF150AP-DF350A

### BINNACLE-MOUNT REMOTE CONTROL BOX (FOR DUAL ENGINE)



67200-98J15-000 DF150AP-DF350A

### FLUSH-MOUNT REMOTE CONTROL BOX (FOR SINGLE ENGINE)



67200-98J24-000 DF150AP-DF350A

Our sophisticated drive-by-wire system eliminates the friction and resistance of mechanical control cables. This gives smooth, precise control with crisp, immediate shifting, particularly at low revs and when manoeuvring. The system can be configured with single, twin, triple or even quadruple installations, and for dual stations.

# **OPERATION SYSTEMS SUZUKI PRECISION CONTROL** Switch panels

In our constant pursuit of easier handling and improved safety functions, we've created a range of panels and options for your Suzuki Precision Controls.



**MAIN SWITCH PANEL** 

(SINGLE IGNITION WITH

**EMERGENCY-STOP SWITCH**)

CONTROL PANEL (FOR SINGLE-ENGINE)

ELEC

These panels are designed to bring all the controls for your outboards together whether you have

a single rig or multiple outboards. Ergonomic buttons make it easy to start and stop your engine

at the push of a button and control trim and



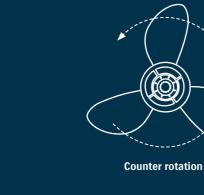
**CONTROL PANEL** 





**CONTROL PANEL** 

(FOR TRIPLE-ENGINE)



### **SELECTIVE ROTATION CONNECTOR**

If you have a large boat with two engines, you generally need to pair a standard rotation outboard with a counter rotation model. Our Suzuki Selective Rotation system allows you to select the rotation direction on any Suzuki outboard. So instead of buying a dedicated counter rotation model, all you need is a standard outboard, a suitable propeller, and our simple Selective Rotation Connector.



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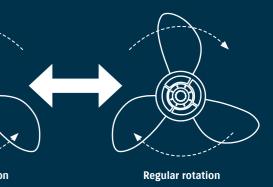


### tilt with ease. Multiple outboards can simply be synchronised for control from one set of buttons.

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# **SUZUKI SELECTIVE ROTATION**



# **OPERATION SYSTEMS** GAUGES **Analogue gauges**

At Suzuki, we understand that everyone enjoys boating in their own unique way. For some of us, that means having a console equipped with all the latest digital gadgets and displays. But if you still prefer analogue gauges, we have a complete range of instruments designed to give your console that classic old-school look and fee

# **NEW TECHNOLOGY, OLD-SCHOOL LOOK**

All our analogue gauges are simple and elegant, with crisp, clear dials that are intuitive and easy to read for confidence and peace of mind on the water.

### TACHOMETER

Our full-scale tachometers indicate engine revs up to 7000 rpm, with options including caution lamp and troll mode.



34200-93J53-000 DF40A-200A



34200-93J42-000 DF40A-200A

### **TRIM GAUGE**

Magnetic-type gauge shows trim angle for optimum performance and efficiency.



34800-93J13-000 DF25A-DF250

34800-93J02-000 DF25A-DF250

### HOUR METER

Powered by a 12-volt electric motor, this meter shows how many hours' operation your outboard has completed, so you can tell precisely when routine maintenance and servicing is required.



34500-93J13-000 DF8A-DF250 DT30/40

34500-93J02-000 DF8A-DF250 DT30/40

WATER-PRESSURE GAUGE

Bourdon-tube type guage measures cooling-water pressure.



White 34650-93J33-000 DF40A-DF250

Black 34650-93J22-000 DF40A-DF250

### **FUEL GAUGE**

Simple and easy to read for peace of mind on the water.



### **VOLT METER**

Monitors the charging system to help keep your outboard motor running at its best.



White 34600-93J13-000 DF8A-DF250 DT30/40



Black 34600-93J02-000 DF8A-DF250 DT30/40

### **SPEEDOMETER**

Bourdon-tube type speedometer with readings in km/h and knots. Includes vinyl tube, hardware and installation manual.



34100-93J13-000

50-80 mph 45-60 knots



34100-93J02-000

# **OPERATION SYSTEMS** GAUGES Multi-Function Gauge – SMG4

When you're on the water, it's vital that you can get the information you need, about your engine's condition and performance whenever you need it. That's exactly the thinking behind our Suzuki Multi-Function Gauge.

# **ALL THE INFORMATION IN ONE PLACE**

This brilliantly simple technology gives you the right information, at the right time, all on one user friendly, highly intuitive screen. You can view a wide range of important information, including engine rpm, speed and trim angle, as well as engine temp and fuel economy in 13 different measurement units, and total fuel flow for multiple engine installations. You'll also receive alerts from the engine's sensors and warning systems.

All you need for effortless and relaxing boating, in one simple, reassuring and reliable device.

	GPS Module	Speed sensor
Speed	~	✓ (sow)
Mileage	1	✓ (sow)
Trip distance	1	✓ (sow)
Time	1	N/A

\* Speed sensor or GPS module will be required to display Speed, Mileage, Trip distance, Time information

(sow): Speed over water

### **ANALOGUE TACHO & SPEED MODE**



SET

12.0 r

<

· Fuel flow (instantaneous)

Mileage\* (instantaneous

Trip time, Trip distance\*

Water temp and more...

Engine hour, Voltage,

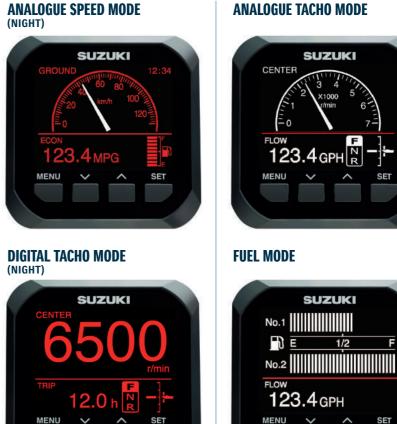
and average)

# **DISPLAY MODES**

You can operate your Multi-Function Gauge in either digital or analogue display mode, depending on which you prefer. Plus the day and night settings

### ANALOGUE TACHO & SPEED MODE





### **DIGITAL TACHO & SPEED MODE**



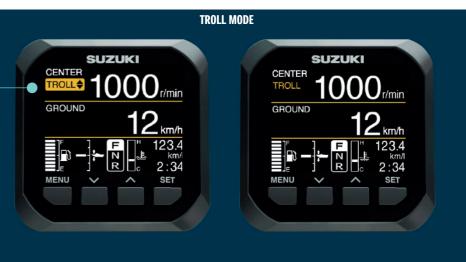
# $\sim$ MENU

to use.

### **NEW TROLL MODE FUNCTION**

· Allows you to control your troll mode from the Multi-Function Gauge

This function is available from year 2019 models. Can only be used by models which are adapted to troll mode.



mean you can use it at literally any time. You can also zoom in on individual elements of the display, making it even easier



# OPERATION SYSTEMS MULTI-FUNCTION DISPLAY Connected to Planet Earth

The all Multi-Function Display and its features offer you access to all the information you need to be assured of a comfortable and Ultimate boating experience.

# **ULTIMATE CONNECTIVITY**

With the Multi-Function Display your boat and engine can now be connected to global weather and be in touch with your surrounding environment, as well as control and operate all your other devices on your boat.

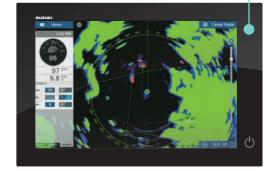
Control at the touch of a finger with the touch screen glass top design. Available in 7", 9", 12" and 16" inch screens.







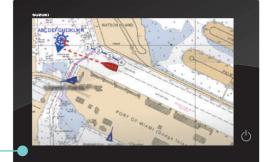
**DIGITAL SWITCHING** 



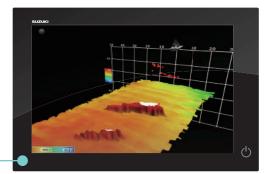
RADAR

# **KEY BENEFIT**

The Suzuki Multi-Function Display gives you access to all your Suzuki engine information, so you can easily and quickly see the performance of your outboard/s in one clear view.



### **CHART PLOTTER**



### **MULTI BEAM SONAR**

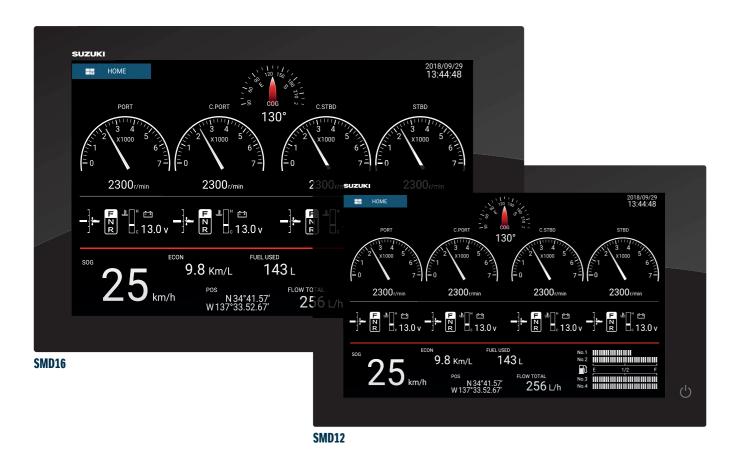


### WEATHER



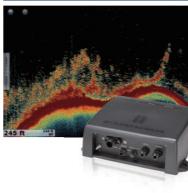
# **OPERATION SYSTEMS MULTI-FUNCTION DISPLAY Customising your display – SMD16 & SMD12**

Big screen navigation for large boats. The 16" and 12" allow you to choose the screen size that best matches your helm or bridge needs. You can build your system with the best sensors and technologies to suit your needs.



RECOMMENDED OPTIONAL INSTRUMENTS FOR MULTI FUNCTION DISPLAY BY \*Supplied by FURUNO

### **FISH FINDER**





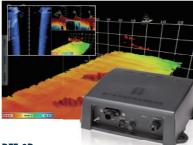
**Bottom Discrimination** 

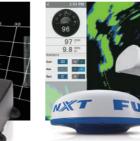
Fish Finder technology

BBDS1

Sounder

### **SONAR**





RADAR

DFF-3D Network Multi Beam Sonar

- - up to 100 targets
    - birds

ak Output Power	Solid-state, 25 W
pe	DRS4D-NXT: ø610 mm Radome (24"), DRS6A-NXT: 1036 mm Open (3.5')/1255 mm Open (4')/1795 mm Open (6')
tenna Rotation eed	24*/36/48 rpm range coupled or 24 rpm fixed * In dual range mode, speed is limited to 24 rpm.
wer Supply	12-24 VDC, DRS4D-NXT: 2.5-1.3 A, DRS6A- NXT: 9.5-5.0A

FA-30 Enhances navigation by receiving critical navigation informatio m local AIS-equipped vessels Power Supply 12-24 VDC, 1.2-0.6 A

**VHF RADIO TELEPHONE** 

· Built-in AIS Receiver for situational awareness and

FM-4800 VHF RadioTelephone with built-in AIS Receiver

Built-in 72 channels GPS Receiver

collision avoidance

**AIS RECEIVER** 



andard Equip emperature Water Proofing Power Supply

listen hack AIS Receiver itput Pov

25 W/1 W output power
Class D DSC with Distress, Individual and All Ship calls

30 W PA/Loud Hailer with automatic fog signals and

ving Frequency (CH): 161.975 MHz (AIS1), 162.025 MHz (AIS2) smitter: 25 W max., 1 W at powe uction. Loud Hailer/Fog Horn: 30 W max. (4 ohm) 12 VDC (-10% to +30%), 5.0 A max.

Sidebar detection range is up to 200 m in a 120-degree swath port and starboard direction\*
Deep water, main beam penetration directly under the boat is approx. 300 m\* Maximum depth depending on installation, bottom type and wate conditions ross Section, Triple/Single Beam Sounder, Display Modes Side Scan, 3D Sounder History Max. 1,200 m **Range Scale** Power Sunnly 12-24 VDC 14-07 A 800 W, 2 types (thru-hull and transom

### **AUTOPILOT**



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### DFF1-UHD Network TruEcho CHIRP™ Fish Finder

Enhanced detection of fish echoes using FURUNO Digital Filter (FDF™) Dual frequency, 50 kHz and 200 kHz

### TruEcho CHIRP™ technology

- Designed to operate over a broadband range of frequencies utilising a broadband transducer Clear presentation separates
- hottom structure from hottom fish and bait fish from game fish

### DFF3 **Network Fish Finder**

- · Enhanced detection of fish echoes using FURUNO Digital Filter (FDF™) Fish Finder technology
- FURUNO Free Synthesiser transceive to let you choose any two operating frequencies from 28 to 200 kHz

BBDS1	DFF1-UHD	DFF3
0 or 200 kHz), Dual (50 and 10 kHz), Bottom-lock, om-Zoom, ACCU-FISH™, ottom Discrimination, A-scope	Single (High or Low frequency), Dual (Both High and Low frequencies), Bottom-lock, Bottom-Zoom, ACCU-FISH™, Bottom Discrimination, A-scope	Single (high or low), Dual (high and low), Bottom-lock, Bottom-Zoom, ACCU-FISH™*, A-scope * With Transducer (50/200-1T) only.
Max. 1,200 m	Max. 1,200 m	Max. 3,000 m
24 VDC, 12 W, 1.1-0.4 A	12-24 VDC, 30 W, 2.8-1.4 A	12-24 VDC, 30 W, 3.5 A
) W/1 kW*, 50/200 kHz I Matching Box, MB-1100 may be required.	1 kW, Broadband transducers 42-65 kHz (low), 130-210 kHz (high)	1/2/3 kW, Frequency: 28, 38, 50, 68, 82, 88, 107, 150, 200 kHz, 50/200 kHz



### Solid State Radar Sensor

Solid-State pulse compression Doppler Radar Revolutionary Target Analyzer™ function instantly identifies hazardous targets

Fast Target Tracking<sup>™</sup> and Auto Target Acquire function,

### Bird Mode to find the best fishing grounds by tracking



### **DRS6A X-CLASS Radar Sensor**

- Enhanced target detection, both short and long range
- Bird mode helps you identify birds, adjusting the gain and sea settings automatically for optimal visibility
- Fast Target Tracking<sup>™</sup>, takes only seconds for a speed
- and course vector to be displayed

Peak Output Power	6 kW
Туре	1036 mm Open (3.5')/1255 mm Open (4')/1795 mm Open (6')
Antenna Rotation Speed	24/36/48 rpm range coupled or 24 rpm fixed
Power Supply	24 VDC, 4 A

### NAVpilot-300

- Self learning and adaptive software
- Fantum Feedback<sup>™</sup>
- Easy installation and Smart network-based system configuration
- Water proof Processing Unit(IP55) and Control Unit (IP56)
- Optional revolutionary SAFE HELM and POWER ASSIST brings unrivaled steering control and comfort at the

	Processor Unit	Control Unit	Gesture Controller
ıt	FAP-3012	FAP-3011	GC-001
		-15°C to +55°C	
	IP55	IP56	IP67
	12-24 VDC 0.22 A max	15 VDC 0.29 A	VDC, Dry cell battery (AAA, 2pcs)



# **OPERATION SYSTEMS MULTI-FUNCTION DISPLAY Customising your display – SMD9 & SMD7**

Powerful technology in a compact design that is compact enough to fit on small runabouts and centre consoles. The 9" and 7" touch screens enable you to operate the chart plotter with built-in fish finder at the touch of a finger.

### RECOMMENDED OPTIONAL INSTRUMENTS FOR MULTI FUNCTION DISPLAY BY \*Supplied by FURUNO

### RADAR





DRS4W 1st Watch Wireless Radar

 4 kW Radar antenna, powerful yet compact in size
 Wireless LAN, no extra wiring needed except the power source, making installation a breeze

### **AUTOPILOT**



 Self learning and adaptive software Fantum Feedback<sup>™</sup>

NAVpilot-300

Easy installation and Smart network-based system configuration Water proof Processing Unit(IP55) and Control Unit

(IP56)

Optional revolutionary SAFE HELM and POWER ASSIST brings unrivaled steering control and comfort at the

	Processor Unit	Control Unit	Gesture Controller
Standard Equipment	FAP-3012	FAP-3011	GC-001
Temperature	-15°C to +55°C		
Water Proofing	IP55	IP56	IP67
Power Supply	12-24 VDC 0.22 A max	15 VDC 0.29 A	VDC, Dry cell battery (AAA, 2pcs)

### **SATELLITE COMPASS / HEADING SENSOR**



	SC-33	PG-700	PG-500
Heading Accuracy	0.4° rms	±1.0° (horizontal)	±1.0° (horizontal)
Heading Resolution	0.1°	0.1°	0.1°
Port	NMEA2000:1 PortNMEA2000:1 Port	CAN bus: 1	Input: 1, Output: 2 ports (one port drives 3 outputs)
Power Supply	12-24 VDC: 0.4-0.2 A, LEN11	12 VDC: 0.1 A (LEN: 3)	12-24 VDC: 120-30 mA

### Traditional Transducer

525STID-MSD	525T-PWD	T150M	B785M
525STID-PWD	525T-BSD	B150M	SS75L/M/H
526TID-HDD	SS60-SLTD	B75L/M/H	TM150M
525T-LTD		B175L/M/H/HW	TM185M/HW







### **AIS RECEIVER**



B	1
***	10

### FA-30

Enhances navigation by receiving critical navigation informationfrom local AISequipped vessels

	4 kW
ø	488 mm Radome (19")
	24 rpm
12	-24 VDC, 2.1-1.0 A max.

Power Supply
--------------

12-24 VDC, 1.2-0.6 A

### **VHF RADIO TELEPHONE**

### FM-4800

VHF RadioTelephone with built-in AIS Receiver



- Built-in AIS Receiver for situational awareness
   Built-in 72 channels GPS Receiver

- 25 W/1 W output power
  Class D DSC with Distress, Individual and All Ship calls · 30 W PA/Loud Hailer with automatic fog signals and listen back

AIS Receiver	Receiving Frequency (CH): 161.975 MHz (AIS1), 162.025 MHz (AIS2)
Output Power	Transmitter: 25 W max., 1 W at power reduction. Loud Hailer/Fog Horn: 30 W max. (4 ohm)
Power Supply	12 VDC (-10% to +30%), 5.0 A max.



### Integrated Heading Sensor

- Inexpensive heading sensor with the highest accuracy and stability in
- this class of equipment High stability for a solid-state rate gyroscope

### **CHIRP** Transducer



# **DIAGNOSTIC MOBILE APP** Advanced service tool

Our Suzuki Diagnostic System Mobile (SDS Mobile) App lets you send your Suzuki Authorised Dealer all the technical information they need to service and maintain your outboard, instantly and easily. \*Available for SUZUKI MULTI-FUNCTION GAUGE and SUZUKI MULTI-FUNCTION DISPLAY.

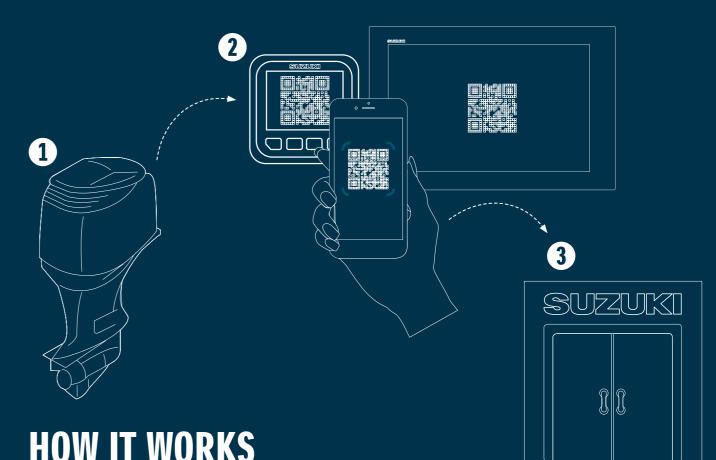
SDS Mobile works in tandem with our Multi-Function Gauge and Multi-Function Display. Simply download the App, which is available on iOS and Android, to your smartphone: you don't need a separate device.

### **DOWNLOAD THE APP FROM:**



GET IT ON

Apple and the Apple logo are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc., registered in the U.S. and other countries



# **HOW IT WORKS**

- 1. The Outboard sends engine data and converts it into a QR code displayed on the Multi-Function Gauge or Multi-Function Display.
- 2. With the SDS Mobile App, you can then scan the QR code on the Multi-Function Gauge or Multi-Function Display with your phone. The engine data will be stored on your smart phone.
- 3. You can then send the engine data via email to your Suzuki Dealer.

When you email your data scanned from QR code to the Dealer, they will be supplied information including engine number, number of hours since the last oil change, total hours of operation at different rpm, and technical information.

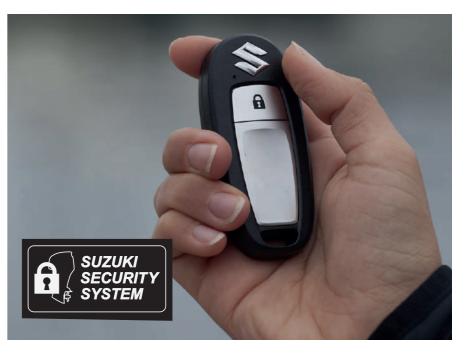


\*DENSO WEB owns the right of name and logo of QR code.



Google Play and the Google Play logo of Google LLC.

SDS Mohile Ann and email service is entirely free of charge



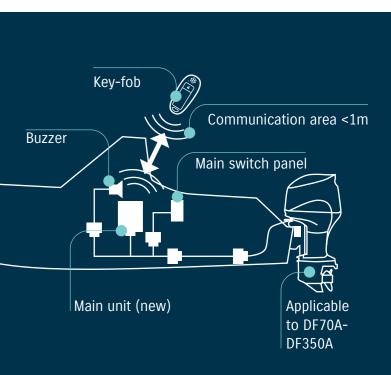
The system works by transmitting a unique access code from the key-fob to the engine's starting system. Without the key-fob, the engine won't start, making it a completely effective theft

# **OPERATION SYSTEMS KÉYLESS START SYSTEM** World-first outboard technology

Our industry-first Keyless Start System lets you start your outboard without inserting a key. It means you'll never risk losing a key overboard again. With the key-fob in your pocket, just stand within a metre of the console, turn on the main switch, press the start button and you're ready to go.

Find out more by watching our videos

deterrent. And for total peace of mind, we've even designed to key-fob to float, so if you're unlucky enough to drop it overboard, you can easily retrieve it.



# **D SUZUKI PROPELLERS DUGH. DURABLE. DEPENDABLE.**



350

# SUZUKI PROPELLERS WATERGRIP Ultimate power delivery

All Suzuki propellers are designed specifically for your outboard to give outstanding performance for long reliable and trouble free service. Made from stainless steel they are incredibly hard wearing making them durable, dependable and fit for purpose.

To get the best from your outboard we have launched a new series of propellers. Our very first propeller brand; WATERGRIP.

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SUZUK

### WATERGRIP

The WATERGRIP series will be the new standard for Suzuki propellers. The new interchangeable and square shaped bush system is designed not only to be replaced easily and quickly when required, but also to accurately and efficiently convert power from the engine to thrust through the propeller.

As a result, you will be able to enjoy more time having the ultimate experience on the water rather than waiting for repairs on the land.

### WATERGRIP DUAL

Our new flagship models, the DF350A and DF325A, introduced the Suzuki Dual Prop System, an industry-leading technology that is truly a revolution in innovation. Big engines demand more efficient conversion of engine output into propulsion.

With two contra-rotating propellers operating simultaneously, the conversion efficiency becomes greater as does stability, grip and manoeuvrability. The end-result is that the Suzuki Dual Prop System delivers outstanding and exciting performance.

### WATERGRIP SPORT

In addition to ease of maintenance and efficiency of power conversion, the WATERGRIP SPORT propellers feature a high rake blade design, which delivers excellent acceleration and exceptional top speed. These propellers are ideal for lightweight sports boats as they give remarkably stable thrust when turning which results in superior manoeuvrability and lots of fun boating.

THE NEW

WATERGRIP RANGE

WATERGRIP is a new stainless-steel propeller

series offering accurate response to your operation. With efficient conversion of engine

power into propulsion, this propeller series meets our customers' demand for bigger,

The WATERGRIP propeller series employs a new interchangeable and square shaped propeller bush that minimises power loss in delivery.

faster, more powerful outboards.







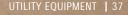
# **PROPELLER RANGE**

MODEL	ТҮРЕ	MATERIAL	BLADE	DIAMETER	PITCH	ROTATION*	DESCRIPTION	PART NUMBER
F2.5	A520	Aluminum	3	7 3/8	5 3/8	RR		58110-97JA0-019
4A	C601	Aluminum	3	7 1/2	6	RR		58110-91JL0-019
5A	C611	Aluminum	3	7 1/2	6 1/2	RR		58110-91JM0-019
6A	C701	Aluminum	3	7 1/2	7	RR		58110-91JN0-019
0.4	N701	A 1	2	0.1//	7	DD		50100 00100 010
8A	M701	Aluminum	3	9 1/4	7	RR	THICK	58100-89L00-019
F9.9A	M821	Aluminum	3	9 1/4	8	RR	THICK	58100-90L40-019
	M901	Aluminum	3	9 1/4	9	RR	TUIOK	58100-89L20-019
	M911	Aluminum	3	9 1/4	9	RR	THICK	58100-90L50-019
	M1001	Aluminum	3	9 1/4	10	RR	TUROV	58100-89L60-019
	M1011	Aluminum	3	9 1/4	10	RR	THICK	58100-90L21-019
	M1101	Aluminum	3	9 1/4	11	RR		58100-89L70-019
F9.9B		Aluminum	4	10	5	RR	High thrust	58100-94JA1-019
F15A		Aluminum	4	10	7	RR	High thrust	58100-94JB0-019
F20A		Aluminum	3	9 1/4	7	RR	ingh thrust	58100-89L00-019
LUA		Adminum	5	5 1/4	,	NK		30100 03200 013
0.04		A 1	2	0.1//	0	DD		50100 00120 010
19.9A		Aluminum	3	9 1/4	9	RR	THICK	58100-89L20-019
T15A		Aluminum	3	9 1/4	9	RR	THICK	58100-90L50-019
		Aluminum	3	9 1/4	10	RR	1000	58100-89L60-019
		Aluminum	3	9 1/4	10	RR	THICK	58100-90L60-019
		Aluminum	3	9 1/4	11	RR		58100-89L70-019
		Aluminum	3	9 1/4	12	RR		58100-89L50-019
	Dest		-		0		THE	F0400 000
F25A	P911	Aluminum	3	10 1/4	9	RR	THICK	58100-96372-019
F30A	P1001	Aluminum	3	10 1/4	10	RR	THOM	58100-91L40-019
T25	P1011	Aluminum	3	10 1/4	10	RR	THICK	58100-96472-019
T30	P1101	Aluminum	3	10 1/4	11	RR		58100-91L50-019
	P1201	Aluminum	3	10 1/4	12	RR		58100-91L20-019
	P1211	Aluminum	3	10 1/4	12	RR	THICK	58100-96482-019
	P1301	Aluminum	3	10 1/4	13	RR		58100-91L30-019
	P1311	Aluminum	3	10 1/4	13	RR	THICK	58100-96492-019
	P1401	Aluminum	3	10 1/4	14	RR		58100-95D01-019
	P1501	Aluminum	3	10 1/4	15	RR		58100-96462-019
F40A	S900	Aluminum	3	11 1/2	9	RR		58100-88L03-019
F50A	S1000	Aluminum	3	11 1/2	10	RR		58100-88L13-019
F60A	S1100	Aluminum	3	11 1/2	11	RR		58100-88L23-019
T40	S1200	Aluminum	3	11 5/8	12	RR		58100-88LA0-019
	S1301	Aluminum	3	11 1/2	13	RR		58100-88LB0-019
	S1400	Aluminum	3	11 3/8	14	RR		58100-88L52-019
	S1500	Aluminum	3	11 1/4	15	RR		58100-88L62-019
	S1600	Aluminum	3	11 1/8	16	RR		58100-88L72-019
	S1700	Aluminum	3	11	17	RR		58100-88L83-019
	SS1600	Stainless	3	11 1/8	16	RR		58200-88L30-000
F50AV		Aluminum	3	14	9	RR		58100-87LG1-019
F60AV		Aluminum	3	14	11	RR		58100-87LH0-019
		Aluminum	3	13 3/4	12	RR		58100-87LJ0-019
		Aluminum	3	14	13	RR		58100-87LA0-019
		Aluminum	3	13 7/8	15	RR		58100-87LB0-019
		Aluminum	3	13 3/4	17	RR		58100-87LC0-019
F70A		Aluminum	3	14	13	RR		58100-87LA0-019
F80A		Aluminum	3	13 7/8	15	RR		58100-87LB0-019
F90A		Aluminum	3	13 3/4	17	RR		58100-87LC0-019
F100B		Aluminum	3	13 3/4	19	RR		58100-87LD0-019
		Aluminum	3	13 3/4	21	RR		58100-87LE0-019
		Aluminum	3	13 3/4	23	RR		58100-87LF0-019
		Aluminum	3	13 1/2	15	RR		58100-90JE0-019
		Aluminum	3	14	17	RR		58100-90JA0-019
		Aluminum	3	14	19	RR		58100-90JB0-019
		Aluminum	3	14	21	RR		58100-90JC0-019
		Aluminum	3	14	23	RR		58100-90JD0-019
		Stainless	3	13 7/8	15	RR		58200-92J40-000
		Stainless	3	13 7/8	17	RR		58200-92J50-000
		Stainless	3	13 7/8	19	RR		58200-92/60-000
		Stainless	3	13 7/8	21	RR		58200-92170-000
		010111033	5	10 //0		INIX		30200 32110 000
		Stainless	3	13 7/8	23	RR		58200-92J80-000

\*RR:Regular-Rotation model, CR:Counter-Rotation model

MODEL	ТҮРЕ	MATERIAL	BLADE	DIAMETER	PITCH	ROTATION*	DESCRIPTION	PART NUMBER
F100A		Aluminum	3	13 1/2	15	RR		58100-90JE0-019
115A		Aluminum	3	14	17	RR		58100-90JA0-019
140A		Aluminum	3	14	19	RR		58100-90JB0-019
		Aluminum	3	14	21	RR		58100-90JC0-019
		Aluminum	3	14	23	RR		58100-90JD0-019
		Stainless	3	13 7/8	15	RR		58200-92J40-000
		Stainless	3	13 7/8	17	RR		58200-92J50-000
		Stainless	3	13 7/8	19	RR		58200-92J60-000
		Stainless	3	13 7/8	21	RR		58200-92J70-000
		Stainless	3	13 7/8	23	RR		58200-92J80-000
		Stainless	3	13 7/8	25	RR		58200-92J90-000
		Stainless	3	13 7/8	17	CR		58200-92JA0-000
		Stainless	3	13 7/8	19	CR		58200-92JB0-000
		Stainless	3	13 7/8	21	CR		58200-92JC0-000
		Stainless	3	13 7/8	23	CR		58200-92JD0-000
150A	Watergrip Standard	Stainless	3	16	15	RR		58700-93L80-000
150AP	Watergrip Standard	Stainless	3	16	17	RR		58700-93L00-000
F175A	Watergrip Standard	Stainless	3	16	18 1/2	RR		58700-93L10-000
F175AP								
	Watergrip Standard	Stainless	3	16	20	RR		58700-93L20-000
F200	Watergrip Standard	Stainless	3	16	21 1/2	RR		58700-93L30-000
F200A	Watergrip Standard	Stainless	3	16	23	RR		58700-93L40-000
200AP	Watergrip Standard	Stainless	3	16	24 1/2	RR		58700-93L50-000
225	Watergrip Standard	Stainless	3	16	26	RR		58700-93L60-000
F250	Watergrip Standard	Stainless	3	16	27 1/2	RR		58700-93L70-000
F250AP	Watergrip Standard	Stainless	3	16	17	CR		58800-93L00-000
F300AP	Watergrip Standard	Stainless	3	16	18 1/2	CR		58800-93L10-000
	Watergrip Standard	Stainless	3	16	20	CR		58800-93L20-000
	Watergrip Standard	Stainless	3	16	21 1/2	CR		58800-93L30-000
	Watergrip Standard	Stainless	3	16	23	CR		58800-93L40-000
	Watergrip Standard	Stainless	3	16	24 1/2	CR		58800-93L50-000
	Watergrip Standard	Stainless	3	16	26	CR		58800-93L60-000
	Watergrip Standard	Stainless	3	15 1/2	17	RR		58800-96J00-000
	Watergrip Standard	Stainless	3	15 1/2	19	RR		58700-96J10-000
	Watergrip Standard	Stainless	3	15 1/4	21	RR		58700-96J20-000
	Watergrip Standard	Stainless	3	14 3/4	23	RR		58700-96J30-000
			3	14 3/4	25	RR		
	Watergrip Standard	Stainless						58700-96J40-000
	Watergrip Standard	Stainless	3	14 1/2	27	RR		58700-96J50-000
	Watergrip Standard	Stainless	3	15 1/2	17	CR		58800-96J00-000
	Watergrip Standard	Stainless	3	15 1/4	19	CR		58700-96J10-000
	Watergrip Standard	Stainless	3	15	21	CR		58700-96J20-000
	Watergrip Standard	Stainless	3	14 3/4	23	CR		58700-96J30-000
	Watergrip Standard	Stainless	3	14 1/2	25	CR		58700-96J40-000
	Watergrip Standard	Stainless	3	14 1/2	27	CR		58700-96J50-000
	Watergrip Sport	Stainless	3	15	19	RR		58700-96L00-000
	Watergrip Sport	Stainless	3	14 7/8	21	RR		58700-96L10-000
	Watergrip Sport	Stainless	3	14 1/2	23	RR		58700-96L20-000
	Watergrip Sport	Stainless	3	14 1/4	25	RR		58700-96L30-000
	Watergrip Sport	Stainless	3	14	27	RR		58700-96L40-000
	Watergrip Standard	Stainless	4	15 1/4	18	RR		58700-93J00-000
	Watergrip Standard	Stainless	4	15 1/4	20	RR		58700-93J10-000
	Watergrip Standard	Stainless	4	15 1/4	22	RR		58700-93J20-000
	Watergrip Standard	Stainless	4	15 1/4	24	RR		58700-93J30-000
		Stainless	4	15 1/4	24	RR		58700-93J40-000
	Watergrip Standard	Stainless	4	15 1/4		CR		58800-93J10-000
	Watergrip Standard				20			
	Watergrip Standard	Stainless	4	15 1/4	22	CR		58800-93J20-000
	Watergrip Standard	Stainless	4	15 1/4	24	CR		58800-93J30-000
	Watergrip Standard	Stainless	4	15 1/4	26	CR		58800-93J40-000
DF325A/	Watorgrip Dual	Stainloss	2	15.5	10			58500-98LA0-000
DF350A	Watergrip Dual	Stainless	3	15.5	12			58600-98LA0-000
	Watergrip Duc!	Stainlass	2	15 5	10			58500-98LB0-000
	Watergrip Dual	Stainless	3	15.5	15			58600-98LB0-000
	Wetz-stip Durit	Challeda		45.5	10.10			58500-98LC0-000
	Watergrip Dual	Stainless	3	15.5	16 1/2			58600-98LC0-000
		C:						58500-98L90-000
	Watergrip Dual	Stainless	3	15.5	18			58600-98L90-000
								58500-98L60-000
	Watergrip Dual	Stainless	3	15 1/2	19 1/2			58600-98L60-000
								58500-98L00-000
	Watergrip Dual	Stainless	3	15 1/2	21			58600-98L00-000
								58500-98L10-000
	Watergrip Dual	Stainless	3	15 1/2	22.5			58600-98L10-000
								58500-98L20-000
	Watergrip Dual	Stainless	3	15 1/2	24			
								58600-98L20-000
	Watergrip Dual	Stainless	3	15 1/2	25.5			58500-98L30-000
								58600-98L30-000
	Watergrip Dual	Stainless	3	15 1/2	27			58500-98L40-000
				=				58600-98L40-000
				15 1/0	28.5			58500-98L50-000
	Watergrip Dual	Stainless	3	15 1/2				
	Watergrip Dual	Stainless	3	15 1/2	20.5			58600-98L50-000
								58500-98L70-000
	Watergrip Dual Watergrip Dual	Stainless Stainless	3	15 1/2	30			

# **B UTILITY EQUIPMENT EASY. FLEXIBLE. ESSENTIAL**



### **FUEL TANK**



WATER SEPARATOR / FUEL FILTER



**ENGINE COVER** 



## INTEGRATED MULTI-FUNCTION TILLER HANDLE KIT

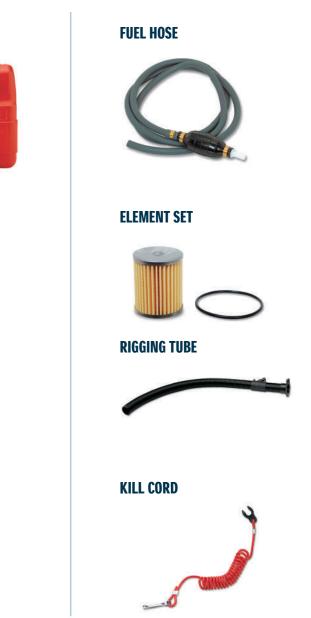


The integrated Multi-Function Tiller Handle Kit utilises the functions that are essential for your drive. Tachometer, warning indicator, Troll Mode switch, power trim and grip friction adjuster together with normal tiller handle function.

63002-88L22-YAY DF40A/50A

# UTILITY EQUIPMENT THE SUZUKI RANGE Customising your outboard

Our utility equipment range makes it easy to customise your outboard to suit your individual boating needs and preferences. You have a huge choice of options, from integrated tiller handles, steering extension and extra fuel line systems to flush hose attachments, engine covers and rigging tube – all designed and manufactured by Suzuki specifically for our outboards and to our exacting engineering standards. For more information about the full range, please ask your local Authorised Suzuki Dealer.



63002-88L12-YAY DF60A/50AV/60AV



Tachometer with warning indicators



Troll mode switch activates Suzuki Troll Mode System and controls RPM from idling engine speed up to 1200rpm at every 50rpm

63002-87L13-YAY DF70A-90A



Three-position angle adjustable bracket



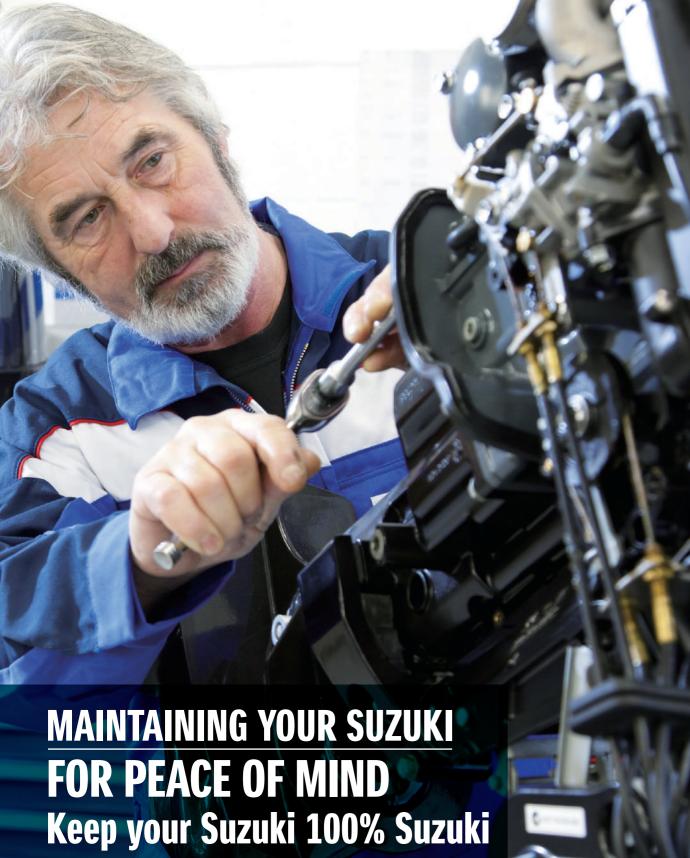
Power trim and tilt switch and throttle grip friction adjuster

63002-90J33-YAY DF 100A/115A

# A MAINTAINING YOUR SUZUKI PROTECT. MAINTAIN. SECURE.

SUZU





Regular maintenance is essential to keep your outboard running smoothly and reliably. Different components require maintenance or replacement at different intervals, and you may find you don't always have the right part at the right time.

# **CHEMICALS**

Like our engine oils, our Suzuki Approved Genuine chemicals are fully factory tested, and specifically engineered to ensure your Suzuki outboard runs smoothly and reliably.

# ANODES

Anodes protect your outboard from corrosion, extending its service life. We have a complete range of anodes to protect your outboard from the effects of fresh, salt and brackish water. Please ask your Suzuki Dealer for further information.





# **MAINTENANCE KITS**



Suzuki Maintenance Kits, available for all Suzuki outboards from portable to high horsepower models, are designed to make life easier for you and your Authorised Suzuki Dealer as they contain all the Suzuki Genuine Parts your Dealer needs to keep your engine fully serviced. All our parts are rigorously tested for performance, quality, durability and safety. Best of all, it works out around 10% cheaper than buying all the parts individually.



MAGNESIUM ANODE for freshwater



**ALUMINUM ANODE** for brackish water

### ZINC ANODE

for saltwater

KIT NAME/MODEL	PART NUMBER	YEAR
DF2 / 2.5	17400-97820-000	06~11
DF2 / 2.5	17400-97810-000	12~
DF4 / 5 / 6	17400-91860-000	02~10
DF4 / 5 / 6	17400-91830-000	11~ 16
DF4A / 5A / 6A	17400-91890-000	17~
DF8A / 9.9A	17400-99840-000	10~
DF9.9 / 15	17400-94810-000	11~13
DF9.9B / 15A / 20A	17400-89810-000	13~
DF20 / 25 V2	17400-95870-000	06~
DF25 / 30	17400-89820-000	01~10
DF25A / 30A	17400-94821-000	15~
DF40 / 50	17400-87820-000	06~10
DF40A / 50A / 60A	17400-88810-000	10~
DF50AV / 60AV	17400-88820-000	14~
DF60	17400-99850-000	09
DF60 / 70	17400-99870-000	07
DF60 / 70	17400-99860-000	08~09
DF70A / 80A / 90A	17400-87810-000	09~
DF100 / 115	17400-92840-000	10~12
DF100B	17400-87830-000	18
DF100A / 115A / 140A	17400-92821-000	13~
DF140	17400-92850-000	10~12
DF150 / 175	17400-96822-000	06~
DF150AP / 175AP / 200AP	17400-96831-000	16~
DF200 /225 / 250	17400-93852-000	11~
DF250A / 300(A) / 250S	17400-98862-000	11~
DF350A / 325A	17400-98870-000	18

# MAINTAINING YOUR SUZUKI ECSTAR OIL The ultimate formulation

In the 1980's, Suzuki started the development of lubricants in pursuit of the ultimate performance. The lubricant is named "Ecstar" as it is our guiding "Star" towards an "Ecstatic" performance. As the expectation towards our products evolves, the same attention to performance is required for durability and environmental protection. With the high technology cultivated through its long history and dedicated engineering, Suzuki has precisely reformulated "ECSTAR" to satisfy and exceed these requirements.

By enhancing and drawing out the best performance, "ECSTAR" will give you a Suzuki experience that others could not.

# ECSTAR V7000

Suzuki engineers have created a premium oil that has not only exceeded all standards set by the NMMA but more importantly has been designed specifically for Suzuki marine engines. ECSTAR is FC-W equivalent and uses a high quality low sulfur content based oil that reduces ash build-up for increased durability and the high viscosity index is a major contributor to maximising fuel efficiency.

### ECSTAR V7000 SEMI SYNTHETIC MARINE ENGINE OIL

High performance blend of synthetic lubricants and premium mineral oils engineered to protect your Suzuki engine and optimise its performance.

- Less engine water
- Lower oil consumption
- Improved starting
- Reduced fuel consumption







# ECSTAR V5000

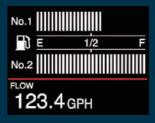
Premium oil that has been designed especially for Suzuki marine engines does not only end with ECSTAR V7000. To meet your demand, we have set ECSTAR V5000. High quality based oil gives your four stroke outboard engine an outstanding performance for wear protection, viscosity stability, low volatility and excellent protection against rust and corrosion.







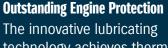
### **ADVANTAGE OF ECSTAR**



### **Fuel Savings**

The Genuine Formulation provide the high performance and help to improve fuel economy.





technology achieves thermal stability, which contribute to the ultimate engine protection even when starting engine in cold climates.



### Clean Engine for Longer Life

Cleaning performance helps to prolong the engine life.

# **MAINTAINING YOUR SUZUKI GENUINE OIL** Suzuki approved

Suzuki approved top quality oils that have been rigorously tested and are specifically designed to help keep your Suzuki outboard in tip top condition.



### 2-STROKE **ENGINE OIL (PREMIUM)**

**MINERAL: 1 LITRE** 



**2-STROKE** ENGINE OIL (TC-W3) **SAE VISCOSITY GRADE: 10W-40** 

This high-quality 2-stroke motor oil maintains the correct viscosity at a wide range of temperatures for maximum corrosion protection and engine performance.



**4-STROKE** ENGINE OIL (FC-W)



**4-STROKE** ENGINE OIL (FC-W) SAE VISCOSITY GRADE: 10W-30 SAE VISCOSITY GRADE: 10W-40

 High quality 2-stroke motor oil provides proper viscosity and stability when temperatures change

protection, viscosity stability, low volatility

excellent protection against rust and corrosion

and keeps excellent oxidation

Outstanding performance for wear

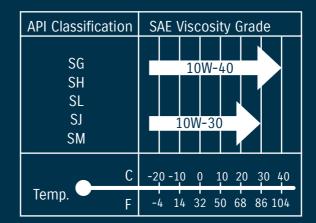


**4-STROKE ENGINE OIL** SAE VISCOSITY GRADE: 10W-40

This 4-stroke outboard oil is a unique blend of topquality oil and special additives, giving outstanding wear protection, viscosity stability, low volatility and excellent protection from corrosion.



Our Suzuki Approved Genuine engine oils have all been rigorously tested and certified by Suzuki engineers. So you can be confident that they'll help keep your Suzuki outboard in perfect condition, giving you maximum performance and reliability over its lifetime.





### SUZUKI APPROVED GENUINE OIL BY MOTUL

We've been in partnership with MOTUL in MotoGP motorcycle racing since 1988.

Building on this trusted relationship, we've worked together to develop our new Suzuki Marine Oils, which provide outstanding rust protection under the toughest operating conditions.



# **5 RECOMMENDED 5 STEERING KITS 5 TRUSTED. EFFICENT. SOPHISTICATED.**

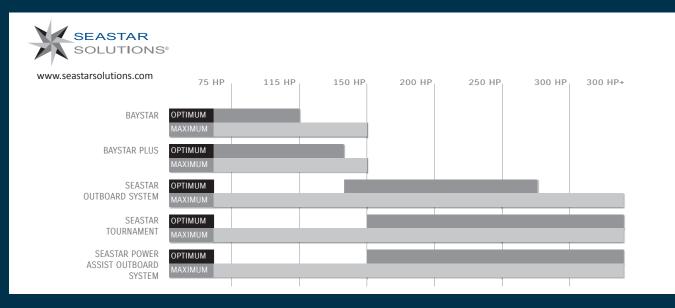
48 | RECOMMENDED STEERING KITS



# **RECOMMENDED STEERING KITS STEERING SYSTEMS** Hydraulic wheel steering

Order taking, delivery, technical support and warranty for these products are handled by SeaStar Solutions. Please consult to your local SeaStar Solutions distributor or dealer if you need more detail for product information, price, availability and all business terms.

# **RECOMMENDED STEERING SYSTEM SUPPLIED BY SEASTAR SOLOUTIONS**



As specialists in the art of steering, SeaStar Solutions take the recommendation of steering systems very seriously especially as modern outboard engines become more powerful. Unlike other steering manufacturers we prefer to make systems recommendations based on "optimum comfort"

\*For further application information please refer to www.seastarsolutions.com

# **STEERING KIT**

### BAYSTAR



### BAYSTAR

BAYSTAR OUTBOARD SYSTEM - H	IK4200A-3
System comprises:	
BayStar Helm 1.4cu" (22.94cc)	HH4314-3
BayStar Compact Cylinder	HC4645-3*
20ft "cut to length" tubing kit	HT4420H
2 x litre SeaStar hydraulic oil	HA5430

\*Note: 115-140hp four stroke 2001 to current model require HC4658H.

### SEASTAR



### SEASTAR

SEASTAR OUTBOARD SYSTEM - H	K6400-3
System comprises:	
SeaStar Helm 1.7cu" (27.80cc)	HH5271-3
SeaStar Pivot Cylinder	HC5345-3*
2 x litre SeaStar hydraulic oil	HA5430
Note: 1 x SeaStar hose kits must be	ordered separately

\*Note: 115-140hp 1996 only requires HC5348, 40-140hp four stroke 1998 to current model and 90hp four stroke 2003 to current model require HC5358.





### CONFIGURATION CYLINDE

Twin Engine - Single Cylinder (STBD)	HC6845	
Twin Engine - Dual Cylinder	HC6845	



### **BAYSTAR PLUS**

B/

AYSTAR OUTBOARD SYSTEM - H	K4500A-3
ystem comprises:	
ayStar Plus Helm 1.4cu" (22.94cc)	HH4514-3
ayStar Compact Cylinder	HC4645-3*
x litre SeaStar hydraulic oil	HA5430

Note: 1 x SeaStar hose kits must be ordered separately

\*Note: 115-140hp four stroke 2001 to current model require HC4658H.



### **SEASTAR POWER ASSIST**

ASTAR OUTBOARD	POWER AS	SIST SYSTEM	

system comprises:	
eaStar Helm 1.7cu" (27.80cc)	HH5271-3
ieaStar Pivot Cylinder	HC5345-3*
x litre SeaStar hydraulic oil	HA5430
eaStar 12v Power Assist Unit	PA1200-2
lote: 2 x SeaStar hose kits must be	ordered separately

\*Note: 115-140hp 1996 only requires HC5348, 40-140hp four stroke 1998 to current model and 90hp four stroke 2003 to current model require HC5358.

### TOURNAMENT CYLINDER AND ADJUSTABLE TIE BAR

>	HARDWAR	E KIT			TIE BAR	
、 QTY.	PART NO	QTY.	PART NO.	QTY.	CENTRE TO	CENTRE TO CENTRE DISTANCE (MM)
			H06821		25.0 - 25.6	635 - 650
1	HA6802	1	H06822	1	25.7 - 30.6	653 - 777
			H06823		30.7 - 39.0	780 - 991
			H06820		25.0 - 26.5	635 - 673
2	HA6804	1	H06821	1	26.6 - 29.3	676 - 744
Ζ	HA0804	1	H06822	1	29.4 - 34.2	747 - 869
			H06823		34.3 - 43.0	871 - 1092

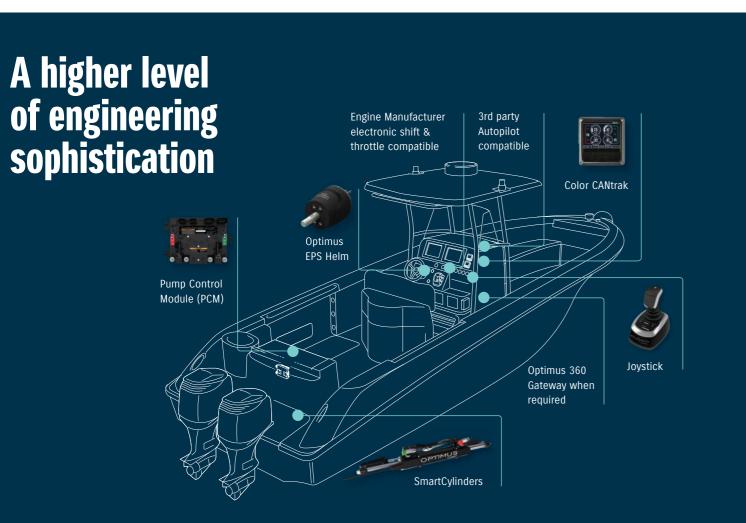
# RECOMMENDED STEERING KITS STEERING SYSTEMS Joystick

Order taking, delivery, technical support and warranty for these products are handled by SeaStar Solutions. Please consult your local SeaStar Solutions distributor or dealer if you need more detail for product information, price, availability and all business terms.

RECOMMENDED STEERING SYSTEM SUPPLIED BY

OPTIMUS

OPTIMUS360



OPTIMUS EPS + JOYSTICK = OPTIMUS 360 JOYSTICK CONTROL

# **OPTIMUS EPS**

The Optimus EPS system replaces the traditional hydraulic steering system. For single, twin, triple and quad engine applications.

### Advantages of Optimus EPS:

- No oil at helm
- Boat that steers like a sports car
- Plug and play autopilot compatibility
- · Auto adjusting speed sensitive wheel effort
- Auto adjusting speed sensitive turns lock to lock
- Can be retrofitted to existing mechanical and electronic controlled engines. You do not have to buy new engines
- No tie-bars (twin configuration)
- No liquid tie-bar (CAT)
- On demand pumps which extend battery life
- Components based on existing SeaStar reliability and quality
- NMEA 2000 Certified



# **OPTIMUS 360**

The patented Optimus 360 system builds on the Optimus EPS. Optimus 360 steering is engineered for powerboats with electronic shift and throttle engines, allowing you to use the existing electronic controls. Optimus 360 connects to the existing control head with closed loop processing, providing a very seamless integration.

### Advantages of Optimus 360:

- Intuitive high precision Joystick allows docking with confidence
- Seamless integration with electronic controlled engines
- Autopilot ready just a simple connection
- Dual station compatible
- Tiebar engines (triple) less components, simple installation, less cost
- Available as a retrofit or for new engine installation
- All the benefits of Optimus EPS, including auto adjusting steering effort and steering turns lock to lock
- Supports Twin, Triple and Quadruple Suzuki Precision Control Engines
- Available with SeaStation (GPS anchor) and SeaWays

# **FOR APPLICATION CHART CHART CHART CHART TO BE APPLICATION CHART CHART TO BE APPLICATION CHART C**

CLANUMS

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# **APPLICATION CHART**

								DF2	250	DF2	225	DF2	200	DF2	00A	DF1	75A	DF1	50A	DF1	40A	DF11	15A
			4	4	4	4	4							E	N	F	N	E.	N	E.	N	E.	N
	DF350A	DF325A	DF300AP	DF250AP	DF200AP	DF175AP	DF150AP	DF250T	DF250Z	DF225T	DF225Z	DF200T	DF200Z	DF200AT	DF200AZ	DF175AT	DF175AZ	DF150AT	DF150AZ	DF140AT	DF140AZ	DF115AT	DF115AZ
When using REMOTE CONTROL SUZUKI MULTI-FUNCTION DISPLAY																							
SUZUKI MULTI-FUNCTION GAUGE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SUZUKI KEYLESS START SYSTEM	٠		٠											٠			٠	٠		٠			
								٠	٠	٠	٠	•	٠	٠	٠	٠	٠	٠	•	•	٠	٠	٠
ELECTRONIC THROTTLE AND SHIFT SYSTEM ELECTRONIC REMOTE CONTROL KIT	•				•	•	•																
ELECTRONIC REMOTE CONTROL BOX	•	•	•	•	•	•	•																
BATTERY LEAD																							
MECHANICAL REMOTE CONTROL SYSTEM																							
MECHANICAL REMOTE CONTROL KIT								•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
MECHANICAL REMOTE CONTROL BOX BATTERY LEAD									-														
REMOTE-CONTROL CABLE								•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
REMOTE-CONTROL ATTACHING KIT																							
STEERING																							
TILLER HANDLE KIT										•		•	•	•	•		•		•	•		•	
DUAL-ENGINE TIE-BAR STEERING EXTENSION KIT					•	•						•								•	•	•	
STEERING BRACKET ATTACHMENT					-	-	-	-	-	-			-			-	-						
DRAG-LINK KIT					٠				٠	٠		٠	٠	٠	٠		٠	٠	٠	٠			
ELECTRICAL PARTS																							
COUNTER SELECT CONNECTOR			•	•	•	•	•							-		-	•						
BATTERY ISOLATOR LEAD SET ELECTRIC STARTER KIT (ONLY FOR MZ type)	•		•		•		•							•		•	•						
BATTERY CHARGING KIT (ONLY FOR MZ type)																							
RECTIFIER SET (ONLY FOR MZ type)																							
RECEPTACLE KIT (ONLY FOR MZ type)																							
ANODE	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
FUEL SYSTEM					•		•	•	•								•						•
	A06	70A	DF	60A	60AV	DF5	50A	50AV	DF4	40A	ſ	DF30/	4		DF25/	•	DF2	20A	DF	15A	DF9	.9B	
	DF90A	DF70A	DF		DF60AV	DFS	50A	DF50AV	DF4			DF30/	۹.		DF25 <i>i</i>	•	DF	20A	DF	15A	DF9		
															<b>I</b> 1					. <u> </u>			9A
ITEM When using THLEP HANDLE															<b>I</b> 1					. <u> </u>			DF9.9A
When using TILLER HANDLE	DF90ATH DF90A	DF70ATH DF70A	DF60ATH 31	DF60AQH V09	DF60AVTH DF60AV	DF50ATH	DF50AQH	DF50AVTH DF50AV	DF40ATH	DF40AQH	DF30A	DF304 DF304TH	DF30AQH	DF25A	DF254	DF25AQH	DF20A	DF20ATH D72	DF15A	DF15ATH DF1	DF9.9B	DF9.9BTH	DF9.9A
															<b>I</b> 1					. <u> </u>			DF9.9A
When using TILLER HANDLE SUZUKI MULTI-FUNCTION DISPLAY															<b>I</b> 1					. <u> </u>			DF9.9A
When using TILLER HANDLE         SUZUKI MULTI-FUNCTION DISPLAY         SUZUKI MULTI-FUNCTION GAUGE         SUZUKI KEYLESS START SYSTEM         ANALOG INSTRUMENT															<b>I</b> 1					. <u> </u>			DF9.9A
When using TILLER HANDLE         SUZUKI MULTI-FUNCTION DISPLAY         SUZUKI MULTI-FUNCTION GAUGE         SUZUKI KEYLESS START SYSTEM         ANALOG INSTRUMENT         ELECTRONIC THROTTLE AND SHIFT SYSTEM															<b>I</b> 1					. <u> </u>			DF9.9A
When using TILLER HANDLE         SUZUKI MULTI-FUNCTION DISPLAY         SUZUKI MULTI-FUNCTION GAUGE         SUZUKI KEYLESS START SYSTEM         ANALOG INSTRUMENT         ELECTRONIC THROTTLE AND SHIFT SYSTEM         ELECTRONIC REMOTE CONTROL KIT															<b>I</b> 1					. <u> </u>			DF9.9A
When using TILLER HANDLE         SUZUKI MULTI-FUNCTION DISPLAY         SUZUKI MULTI-FUNCTION GAUGE         SUZUKI KEYLESS START SYSTEM         ANALOG INSTRUMENT         ELECTRONIC THROTTLE AND SHIFT SYSTEM															<b>I</b> 1					. <u> </u>			DF9.9A
When using TILLER HANDLE         SUZUKI MULTI-FUNCTION DISPLAY         SUZUKI MULTI-FUNCTION GAUGE         SUZUKI KEYLESS START SYSTEM         ANALOG INSTRUMENT         ELECTRONIC THROTTLE AND SHIFT SYSTEM         ELECTRONIC REMOTE CONTROL KIT         ELECTRONIC REMOTE CONTROL BOX         BATTERY LEAD         MECHANICAL REMOTE CONTROL SYSTEM															<b>I</b> 1					. <u> </u>			DF9.9A
When using TILLER HANDLE         SUZUKI MULTI-FUNCTION DISPLAY         SUZUKI MULTI-FUNCTION GAUGE         SUZUKI KEYLESS START SYSTEM         ANALOG INSTRUMENT         ELECTRONIC THROTTLE AND SHIFT SYSTEM         ELECTRONIC REMOTE CONTROL KIT         ELECTRONIC REMOTE CONTROL BOX         BATTERY LEAD         MECHANICAL REMOTE CONTROL SYSTEM															<b>I</b> 1					. <u> </u>			DF9.9A
When using TILLER HANDLE         SUZUKI MULTI-FUNCTION DISPLAY         SUZUKI MULTI-FUNCTION GAUGE         SUZUKI KEYLESS START SYSTEM         ANALOG INSTRUMENT         ELECTRONIC THROTTLE AND SHIFT SYSTEM         ELECTRONIC REMOTE CONTROL KIT         ELECTRONIC REMOTE CONTROL BOX         BATTERY LEAD         MECHANICAL REMOTE CONTROL KIT         MECHANICAL REMOTE CONTROL KIT         MECHANICAL REMOTE CONTROL KIT	DF90ATH	DF70ATH													<b>I</b> 1					. <u> </u>			DF9.9A
When using TILLER HANDLE         SUZUKI MULTI-FUNCTION DISPLAY         SUZUKI MULTI-FUNCTION GAUGE         SUZUKI KEYLESS START SYSTEM         ANALOG INSTRUMENT         ELECTRONIC THROTTLE AND SHIFT SYSTEM         ELECTRONIC REMOTE CONTROL KIT         ELECTRONIC REMOTE CONTROL BOX         BATTERY LEAD         MECHANICAL REMOTE CONTROL SYSTEM         MECHANICAL REMOTE CONTROL KIT															<b>I</b> 1					. <u> </u>			DF9.9A
When using TILLER HANDLE         SUZUKI MULTI-FUNCTION DISPLAY         SUZUKI MULTI-FUNCTION GAUGE         SUZUKI KEYLESS START SYSTEM         ANALOG INSTRUMENT         ELECTRONIC THROTTLE AND SHIFT SYSTEM         ELECTRONIC REMOTE CONTROL KIT         ELECTRONIC REMOTE CONTROL BOX         BATTERY LEAD         MECHANICAL REMOTE CONTROL KIT         MECHANICAL REMOTE CONTROL BOX         BATTERY LEAD	DF90ATH	DF70ATH													<b>I</b> 1					. <u> </u>			• DF9.9A
When using TILLER HANDLE         SUZUKI MULTI-FUNCTION DISPLAY         SUZUKI MULTI-FUNCTION GAUGE         SUZUKI KEYLESS START SYSTEM         ANALOG INSTRUMENT         ELECTRONIC THROTTLE AND SHIFT SYSTEM         ELECTRONIC REMOTE CONTROL KIT         ELECTRONIC REMOTE CONTROL BOX         BATTERY LEAD         MECHANICAL REMOTE CONTROL SYSTEM         MECHANICAL REMOTE CONTROL BOX         BATTERY LEAD         REHOTE-CONTROL CABLE         REMOTE-CONTROL CABLE         REMOTE-CONTROL ATTACHING KIT         STEERING	DF90ATH	DF70ATH									DF30A	DF30ATH	DF30AQH	DF25A	DF25ATH	DF25AQH	DF20A	DF20ATH	DF15A	DF15ATH	DF9.98	DF9.9BTH	
When using TILLER HANDLE         SUZUKI MULTI-FUNCTION DISPLAY         SUZUKI MULTI-FUNCTION GAUGE         SUZUKI KEYLESS START SYSTEM         ANALOG INSTRUMENT         ELECTRONIC THROTTLE AND SHIFT SYSTEM         ELECTRONIC REMOTE CONTROL KIT         ELECTRONIC REMOTE CONTROL BOX         BATTERY LEAD         MECHANICAL REMOTE CONTROL SYSTEM         MECHANICAL REMOTE CONTROL SUSTEM         MECHANICAL REMOTE CONTROL BOX         BATTERY LEAD         REMOTE-CONTROL CABLE         REMOTE-CONTROL ATTACHING KIT         STERING         TILLER HANDLE KIT	DF90ATH	DF70ATH									DF30A	DF30ATH	DF30AQH	DF25A	DF25ATH	DF25AQH	DF20A	DF20ATH	DF15A	DF15ATH	DF9.98	DF9.9BTH	
When using TILLER HANDLE         SUZUKI MULTI-FUNCTION DISPLAY         SUZUKI MULTI-FUNCTION GAUGE         SUZUKI KEYLESS START SYSTEM         ANALOG INSTRUMENT         ELECTRONIC THROTTLE AND SHIFT SYSTEM         ELECTRONIC REMOTE CONTROL KIT         ELECTRONIC REMOTE CONTROL BOX         BATTERY LEAD         MECHANICAL REMOTE CONTROL SYSTEM         MECHANICAL REMOTE CONTROL BOX         BATTERY LEAD         REMOTE-CONTROL CABLE         REMOTE-CONTROL ATTACHING KIT         STEERING         TILLER HANDLE KIT         DUAL-ENGINE TIE-BAR	DF90ATH	DF70ATH									DF30A	DF30ATH	DF30AQH	DF25A	DF25ATH	DF25AQH	DF20A	DF20ATH	DF15A	DF15ATH	DF9.98	DF9.9BTH	
When using TILLER HANDLE         SUZUKI MULTI-FUNCTION DISPLAY         SUZUKI MULTI-FUNCTION GAUGE         SUZUKI KEYLESS START SYSTEM         ANALOG INSTRUMENT         ELECTRONIC THROTTLE AND SHIFT SYSTEM         ELECTRONIC REMOTE CONTROL KIT         ELECTRONIC REMOTE CONTROL BOX         BATTERY LEAD         MECHANICAL REMOTE CONTROL SYSTEM         MECHANICAL REMOTE CONTROL SUSTEM         MECHANICAL REMOTE CONTROL BOX         BATTERY LEAD         REMOTE-CONTROL CABLE         REMOTE-CONTROL ATTACHING KIT         STERING         TILLER HANDLE KIT	DF90ATH	DF70ATH		DF60AQH		DF50ATH	DF50AQH		DF40ATH	DF40AQH	DF30A	DE30ATH	DF30AQH	DF25A	DF25ATH	DF25AQH	DF20A	DF20ATH	DE15A	DF15ATH	DF9.98		
When using TILLER HANDLE         SUZUKI MULTI-FUNCTION DISPLAY         SUZUKI MULTI-FUNCTION GAUGE         SUZUKI KEYLESS START SYSTEM         ANALOG INSTRUMENT         ELECTRONIC THROTTLE AND SHIFT SYSTEM         ELECTRONIC REMOTE CONTROL KIT         ELECTRONIC REMOTE CONTROL BOX         BATTERY LEAD         MECHANICAL REMOTE CONTROL SYSTEM         MECHANICAL REMOTE CONTROL BOX         BATTERY LEAD         REMOTE-CONTROL CABLE         REMOTE-CONTROL ATTACHING KIT         STEERING         TILLER HANDLE KIT         DUAL-ENGINE TIE-BAR         STEERING EXTENSION KIT	DF90ATH	DF70ATH	DF60ATH	DF60AQH	DF60ATTH	DF50ATH	DF50AQH	DF50AVTH	DF40ATH	DF40AQH	DF30A	DE30ATH	DF30AQH	DF25A	DF25ATH	DF25AQH	DF20A	DF20ATH	DE15A	DE15ATH			•
When using TILLER HANDLE         SUZUKI MULTI-FUNCTION DISPLAY         SUZUKI MULTI-FUNCTION GAUGE         SUZUKI KEYLESS START SYSTEM         ANALOG INSTRUMENT         ELECTRONIC THROTTLE AND SHIFT SYSTEM         ELECTRONIC REMOTE CONTROL KIT         ELECTRONIC REMOTE CONTROL BOX         BATTERY LEAD         MECHANICAL REMOTE CONTROL SYSTEM         MECHANICAL REMOTE CONTROL BOX         BATTERY LEAD         REMOTE-CONTROL CABLE         REMOTE-CONTROL ATTACHING KIT         STEERING         TILLER HANDLE KIT         DUAL-ENGINE TIE-BAR         STEERING EXTENSION KIT         STEERING-BRACKET ATTACHMENT         DRAG-LINK KIT	DF90ATH	DF70ATH	DF60ATH	DF60AQH	DF60ATTH	DF50ATH	DF50AQH	DF50AVTH	DF40ATH	DF40AQH	DF30A	DE30ATH	DF30AQH	DF25A	DF25ATH	DF25AQH	DF20A	DF20ATH	DE15A	DE15ATH			•
When using TILLER HANDLE         SUZUKI MULTI-FUNCTION DISPLAY         SUZUKI MULTI-FUNCTION GAUGE         SUZUKI KEYLESS START SYSTEM         ANALOG INSTRUMENT         ELECTRONIC THROTTLE AND SHIFT SYSTEM         ELECTRONIC REMOTE CONTROL KIT         ELECTRONIC REMOTE CONTROL BOX         BATTERY LEAD         MECHANICAL REMOTE CONTROL SYSTEM         MECHANICAL REMOTE CONTROL BOX         BATTERY LEAD         REMOTE-CONTROL CABLE         REMOTE-CONTROL ATTACHING KIT         STEERING         TILLER HANDLE KIT         DUAL-ENGINE TIE-BAR         STEERING EXTENSION KIT         STEERING-BRACKET ATTACHMENT         DRAG-LINK KIT         ELECTRICAL PARTS         COUNTER SELECT CONNECTOR	DF90ATH	DF70ATH	DF60ATH	DF60AQH	DF60ATTH	DF50ATH	DF50AQH	DF50AVTH	DF40ATH	DF40AQH	DF30A	DE30ATH	DF30AQH	DF25A	DF25ATH	DF25AQH	DF20A	DF20ATH	DE15A	DE15ATH			•
When using TILLER HANDLE         SUZUKI MULTI-FUNCTION DISPLAY         SUZUKI MULTI-FUNCTION GAUGE         SUZUKI KEYLESS START SYSTEM         ANALOG INSTRUMENT         ELECTRONIC THROTTLE AND SHIFT SYSTEM         ELECTRONIC REMOTE CONTROL KIT         ELECTRONIC REMOTE CONTROL BOX         BATTERY LEAD         MECHANICAL REMOTE CONTROL SYSTEM         MECHANICAL REMOTE CONTROL BOX         BATTERY LEAD         REMOTE-CONTROL CABLE         REMOTE-CONTROL ATTACHING KIT         STEERING         TILLER HANDLE KIT         DUAL-ENGINE TIE-BAR         STEERING EXTENSION KIT         STEERING-BRACKET ATTACHMENT         DRAG-LINK KIT         ELECTRICAL PARTS         COUNTER SELECT CONNECTOR         BATTERY ISOLATOR LEAD SET	DF90ATH	DF70ATH	DF60ATH	DF60AQH	DF60ATTH	DF50ATH	DF50AQH	DF50AVTH	DF40ATH	DF40AQH	DE30A	DE30ATH	D1304QH	DF25A	DF25ATH	DF25AQH		DF20ATH	DF15A	DE15ATH			•
When using TILLER HANDLE         SUZUKI MULTI-FUNCTION DISPLAY         SUZUKI MULTI-FUNCTION GAUGE         SUZUKI KEYLESS START SYSTEM         ANALOG INSTRUMENT         ELECTRONIC THROTTLE AND SHIFT SYSTEM         ELECTRONIC REMOTE CONTROL KIT         ELECTRONIC REMOTE CONTROL BOX         BATTERY LEAD         MECHANICAL REMOTE CONTROL SYSTEM         MECHANICAL REMOTE CONTROL BOX         BATTERY LEAD         REMOTE-CONTROL CABLE         REMOTE-CONTROL ATTACHING KIT         STEERING         TILLER HANDLE KIT         DUAL-ENGINE TIE-BAR         STEERING EXTENSION KIT         STEERING-BRACKET ATTACHMENT         DRAG-LINK KIT         ELECTRICAL PARTS         COUNTER SELECT CONNECTOR	DF90ATH	DF70ATH	DF60ATH	DF60AQH	DF60ATTH	DF50ATH	DF50AQH	DF50AVTH	DF40ATH	DF40AQH	DF30A	DE30ATH	DF30AQH	DF25A	DF25ATH	DF25AQH	DF20A	DF20ATH	DE15A	DE15ATH			•
When using TILLER HANDLE         SUZUKI MULTI-FUNCTION DISPLAY         SUZUKI MULTI-FUNCTION GAUGE         SUZUKI KEYLESS START SYSTEM         ANALOG INSTRUMENT         ELECTRONIC THROTTLE AND SHIFT SYSTEM         ELECTRONIC REMOTE CONTROL KIT         ELECTRONIC REMOTE CONTROL BOX         BATTERY LEAD         MECHANICAL REMOTE CONTROL SYSTEM         MECHANICAL REMOTE CONTROL BOX         BATTERY LEAD         REMOTE-CONTROL CABLE         REMOTE-CONTROL ATTACHING KIT         STEERING         TILLER HANDLE KIT         DUAL-ENGINE TIE-BAR         STEERING EXTENSION KIT         STEERING-BRACKET ATTACHMENT         DRAG-LINK KIT         ELECTRICAL PARTS         COUNTER SELECT CONNECTOR         BATTERY ISOLATOR LEAD SET	DF90ATH	DF70ATH	DF60ATH	DF60AQH	DF60ATTH	DF50ATH	DF50AQH	DF50AVTH	DF40ATH	DF40AQH	D1304	DE30ATH		DF25A	DF25ATH	DF25AQH		DF20ATH	DF15A	DE15ATH			•
When using TILLER HANDLE         SUZUKI MULTI-FUNCTION DISPLAY         SUZUKI MULTI-FUNCTION GAUGE         SUZUKI KEYLESS START SYSTEM         ANALOG INSTRUMENT         ELECTRONIC THROTTLE AND SHIFT SYSTEM         ELECTRONIC REMOTE CONTROL KIT         ELECTRONIC REMOTE CONTROL BOX         BATTERY LEAD         MECHANICAL REMOTE CONTROL SYSTEM         MECHANICAL REMOTE CONTROL BOX         BATTERY LEAD         REMOTE-CONTROL CABLE         REMOTE-CONTROL CABLE         REMOTE-CONTROL ATTACHING KIT         STEERING         TILLER HANDLE KIT         DUAL-ENGINE TIE-BAR         STEERING EXTENSION KIT         STEERING-BRACKET ATTACHMENT         DRAG-LINK KIT         ELECTRICAL PARTS         COUNTER SELECT CONNECTOR         BATTERY ISOLATOR LEAD SET         ELECTRIC STARTER KIT (ONLY FOR MZ type)	DF90ATH	DF70ATH	DF60ATH	DF60AQH	DF60ATTH	DF50ATH	DF50AQH	DF50AVTH	DF40ATH	DF40AQH		DE30ATH			DF25ATH	DF25AQH		DF20ATH	DF15A	DE15ATH			•
When using TILLER HANDLE         SUZUKI MULTI-FUNCTION DISPLAY         SUZUKI MULTI-FUNCTION GAUGE         SUZUKI KEYLESS START SYSTEM         ANALOG INSTRUMENT         ELECTRONIC THROTTLE AND SHIFT SYSTEM         ELECTRONIC REMOTE CONTROL KIT         ELECTRONIC REMOTE CONTROL BOX         BATTERY LEAD         MECHANICAL REMOTE CONTROL SYSTEM         MECHANICAL REMOTE CONTROL BOX         BATTERY LEAD         REMOTE-CONTROL CABLE         REMOTE-CONTROL CABLE         REMOTE-CONTROL ATTACHING KIT         STEERING         TILLER HANDLE KIT         DUAL-ENGINE TIE-BAR         STEERING EXTENSION KIT         STEERING-BRACKET ATTACHMENT         DRAG-LINK KIT         ELECTRICAL PARTS         COUNTER SELECT CONNECTOR         BATTERY ISOLATOR LEAD SET         ELECTRIC STARTER KIT (ONLY FOR MZ type)         BATTERY CHARGING KIT (ONLY FOR MZ type)	DF90ATH	DF70ATH	DF60ATH	DF60AQH	DF60ATTH	DF50ATH	DF50AQH	DF50AVTH	DF40ATH	DF40AQH		DE30ATH	DE309GH		DF25ATH	DF25AQH		DF20ATH		DE15ATH			•

