# WELCOME TO THE 50TH ANNIVERSARY OF SUZUKI OUTBOARDS

We've been at the forefront of outboard technology since we created our first outboard D55 in 1965 and will be celebrating the 50th anniversary in 2015.

The engines used in our outboard motors have always been designed exclusively for marine use and we have continually brought original technologies to the market. We have lead the way with innovations such as the down thrust propeller system in 1965, developing the first ever stainless steel water pump housing in 1973, launching oil injection outboards in 1980, inventing ceramic fibre reinforced metal pistons in 1990, introducing the world's first 220.7kW (300PS) V6 four stroke outboard in 2006 and, in another world first, launching a keyless ignition system on the DF200AP.

We have come a long way since 1965 and our current range of four stroke outboards is second to none in the market place. Our engineers are passionate about boating and willing to spend all of their time perfecting our outboard motors so that our products enable you to maximise your time on the water. So, from the lightweight and portable DF2.5 to the award winning power of the DF300AP, we've got an outboard to suit your way of life.







1960s - D55

1970s - DT25

1980s - DT200 EXANTÉ

# **KEY MOMENTS IN OUR HISTORY:**

**1965** 

Our first outboard, the D55, launched..

1980

We first invented oil injection for outboards, and introduced oil injection series DT850I, DT1150I and DT1400I. 1987

DT200 Exanté wins the first "Most Innovative Products" award from the National Marine Manufacture's association (NMMA). 1994

Introduction of DF9.9 and DF15, our first four stroke outboards.

1998

Introduction of DF40 and DF50, our first four stroke outboards with DOHC 4 valves for each cylinder. DF40 and DF50 win the "Innovation Award" from the International Marine Trades Exposition and Convention (IMTEC), and it makes Suzuki the first manufacturer to receive this award two years in a row.

1966

Export of Suzuki Outboard Motors begins. 1985

DT150 and DT200, our first V6 models launched. 1990

DT225 added to V6 series and new Electronic Fuel Injection System introduced. 1997

Introduction of DF60 and DF70, our first four stroke outboards with Electronic Fuel Injection System. DF60 and DF70 win the "Innovation Award" from the International Marine Trades Exposition and Convention (IMTEC).







2000s - DF300



2010s - DF200AP



# 2003

DF200/225/250, the first Suzuki four stroke V6 outboards launched.
DF250 wins the "IMTEC Innovation Award".

# 2000

DF90 and DF115 marketed. These models are the first to utilise an offset drive shaft, making them the most compact outboards in their class.

# 2008

New generation four stroke DF70A/80A/90A debut. DF90A is the lightest, most compact outboard in 66.2kW (90PS) four stroke class and is the first outboard to utilise Suzuki Lean Burn Technology.

# 2006

DF300 is the industry's first 220.7kW (300PS) V6 four stroke outboard, and the first outboard to utilise an electronic remote control. DF300 is the winner, the IBEX 2006 Innovation Award from The National Marine Manufacture's Association (NMMA).

# 2011

2010

New DF300AP is the world's first Selective Rotation outboard. DF300AP wins the "2012 NMMA Award for Innovation".

# 2012

New DF40A/50A win the "2011 NMMA Award for Innovation".

# 2015

Launch of new DF200A/AP with world-leading keyless ignition technology

Introduction of new generation DF15A/20A, the world's first outboards to feature battery-less Fuel Injection in the 11.0kW (15PS)/14.7kW (20PS) class. Suzuki was honored to be chosen as the sole supplier of outboard motors to the London 2012 Olympic and Paralympic Games Sailing Regatta.



#### MODEL NAME AND ENGINE NUMBER

NOTE: Items and their part numbers showing in this catalogue are basically applicable to models of following engine numbers. Please consult your local dealers regarding other models and their rigging-parts and accessories.

model	engine number	model	engine number	model	engine number	model	engine number	model	engine number	model	engine number
DF300AP	30002P-510001~	DF200AF	20003P-510001~	DF140AZ	14003Z-510001~	DF60A	06002F-510001~	DF9.9B	00995F-510001~	DT40W	04005-510001~
DF250AP	25003P-510001~	DF200T	20002F-510001~	DF115AT	11503F-510001~	DF50AV	05004F-510001~	DF9.9A	00994F-510001~	DT40WK	04005K-510001~
DF250T	25003F-510001~	DF200Z	20002Z-510001~	DF115AZ	11503Z-510001~	DF50A	05003F-510001~	DF8A	00801F-510001~	DT30	03005-510001~
DF250Z	25003Z-510001~	DF175T	17502F-510001~	DF100AT	10003F-510001~	DF40A	04003F-510001~	DF6	00602F-510001~	DT25K	02503K-510001~
DF225T	22503F-510001~	DF175Z	17502Z-510001~	DF90A	09003F-510001~	DF30A	03003F-510001~	DF5	00502F-510001~	DT15A	01504-510001~
DF225Z	22503Z-510001~	DF150T	15002F-510001~	DF80A	08002F-510001~	DF25A	02504F-510001~	DF4	00402F-510001~	DT15AK	01503K-510001~
DF200AT	20003F-510001~	DF150Z	15002Z-510001~	DF70A	07003F-510001~	DF20A	02002F-510001~	DF2.5	00252F-510001~	DT9.9A	00996-510001~
DF200AZ	20003Z-510001~	DF140AT	14003F-510001~	DF60AV	06003F-510001~	DF15A	01504F-510001~			DT9.9AK	00993K-510001~



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#### REFERENCI

Part Number 15-digit alpha-numerical number shows Part Number to be used for ordering.

Gauge Size Shows the size (2" or 4") of the gauge.

Background Shows a main color of display panel on the front of a gauge.

Applicable Model Shows typical or recommended models of ENGINES that RIGG

Shows typical or recommended models of ENGINES that RIGGING-PARTS and ACCESSORIES can be installed to.

Maximum Speed Shows maximum speed that SPEEDOMETER displays.

kph Kilometers Per Ho mph Miles Per Hour knots Knots

# **NEW MULTI FUNCTION GAUGE**

# **MAIN FEATURES**

#### **HIGH PERFORMANCE**

- Multi-function gauge displays a wide variety of information such as engine rpm, speed, trim angle, as well as diagnostics based on digital data received from the outboard motor.
- Gauges offer great reliability utilizing Suzuki's original warning system to provide the operator with accurate warning information.
- NMEA2000® terminal offers compatibility with a wide range of marine equipment by other manufacturers (pending).

#### SUPERIOR VISIBILITY

- First color LCD offered as genuine parts by an outboard manufacturer. Suzuki's next generation standard equipment gauge offers easy to use multi-function operation with superior readability.
- Easy to see, easy to read, easy to understand display offers a variety of modes including day and night modes and digital or analog readouts.

#### COMPACT

- Compact, highly versatile gauge requires an 85mm hole for mounting making them the perfect replacement for 4-inch analog gauges.
- \*1 4-inch gauges that require 85mm mounting holes (as researched by Suzuki).
- \*2 NMEA2000® is an NMEA (National Marine Electronics Association) standard communication protocol used for exchanging data between marine control units.

# **DISPLAY VARIATIONS**



Analog All



Digital All



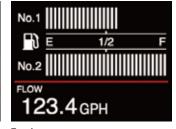
Analog Speed (Night)



Digital Tacho (Night)



Analog Tacho



Fuel

# **DESIGN**



Analog/Day mode



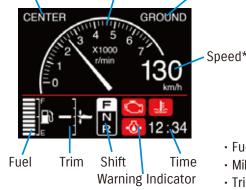
Digital/Night mode



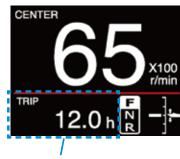
# INFORMATION

#### **Analog Tacho & Speed Mode**

Engine position Engine rpm Ground or Water



## **Tacho Mode**



- · Fuel flow [I/h, gph] (instantaneous)
- Mileage [km/l, mpg] (instantaneous and average)
- · Trip time [h], Trip distance [km, M, NM]
- Engine hour, Voltage, Water temp and more...

# **SPECIFICATIONS**

- 3.5" Color display
- Size: 105mm(W)×105mm(H)×16mm(D)
- Diagnostic display
- Easy installation and setup Ф85mm hole & large resin nut
- Includes protective cover
- NMEA2000 output (pending)
- Applicable models: DF9.9B-DF300AP
- \* Speed sensor or GPS module will be required in order to display the speed.
- \* The NEW MULTI FUNCTION GAUGE is planed to be launched from the next spring.

# **EASY OPERATION**

- Suzuki original engine starting system offers a variety of functions. The key-fob is easy to carry and one is all you need to enjoy stress-free starts for greater boating pleasure.
- One step ahead of the competition, the Suzuki Keyless Start System requires no mechanical key so the key-fob remains safely in your pocket.

# **WATERPROOF FLOAT KEY-FOB**

■ The easy to carry key-fob remains safely in your pocket reducing risk of a lost key. The key-fob is waterproof and floats so should it ever go overboard it is retrievable.

# **HIGH SECURITY**

■ Suzuki's system features an immobilizer function for added peace of mind. IC access codes installed in the key-fob and engine must match for the engine to start. This prevents starting the engine with the wrong key making the system a good theft deterrent as well.



COMPONENT KEY-FOB (NEW) **Communication Area < 1m BUZZER** MAIN UNIT (NEW) DF200AP **CONTROL PANEL** MAIN SWITCH PANEL (NEW)

- \* The NEW SUZUKI KEYLESS START SYSTEM is planed to be launched from the next spring with DF200AP.
- \* Planning to apply to other models one after another.

Design and specifications may change without notice due to improvements in performance and function.

<sup>\*</sup>Availability may differ in some regions. Please contact your local Suzuki dealer for more information.

# **SUZUKI MODULAR INSTRUMENT SYSTEM**

SUZUKI MODULAR INSTRUMENT SYSTEM (S.M.I.S.) uses an easy to connect and expandable cable system to transmit graphic and numerical data to Multi-Function gauges. Easy to set up and install system can be used with nearly any boat and DF300 SUZUKI Outboard. Connected to the NMEA2000® compatible system, the gauges can display real-time readings from compatible electronic probes and the exclusive SMIS engine interface to monitor all engine functions. (Engine Monitor with 4" gauge only)

APPLICABLE MODELS: DF9.9B-DF300AP

# **SMIS MULTI-FUNCTION GAUGE**

The 4" multi-function gauge uses a state-of-the-art high-contrast, dot matrix display to monitor real-time graphic and numerical digital data. When connected into the SMIS system, it can monitor all engine functions, act as a speedometer, tachometer, GPS\*, and many others, (\*GPS requires additional hardware.) The 2" multi-function gauge is capable of all functions of the 4" gauge except diagnostic informations. When connected to the SMIS system, it can be programmed to monitor all other functions.

## 4" SMIS MULTI-FUNCTION GAUGE





## 34200-88L02-000



with a gray bezel + a T-connector (36664-88L00-000) + Operation & Installation Manual

# Examples of display\*\*



Engine trim page as a trim gauge for single engine



Single analog page as a tachometer for single engine



Single analog page as a



Fuel manager page as a fuel gauge



page as a hour meter and a speedometer for single engine

Dual digital



Diagnostics

# 2" SMIS MULTI-FUNCTION GAUGE



Fuel manager page





# 34800-88L01-000 002



with a gray bezel + a T-connector (36664-88L00-000) + Operation & Installation Manual

## Examples of display\*\*



as a volt meter for single engine



Engine trim page as a trim gauge for single



Fuel manager

\*\* The detail instructions of display-operation are explained in the Operation & Installation Manual.

# **GAUGE KIT**

4" GAUGE KIT



2" GAUGE KIT



SMIS
GAUGE

S SDS CONNECTOR

ANALOG
GAUGE
SYSTEM

TO
REMOTE
CONTROL

34011-88L14-000 34011-89L02-000

004

This kit is supplements analog gauges to display additional information, and it can display information which analog gauge system cannot indicate such as fuel consumption.

34011-89L02-000 is for DF9.9B/15A/20A/25A/30A and includes 36660-89L01-000 instead of 36668-88L00-000.

 $\label{lem:contents} \mbox{Available for your covenience. Refer to the following chart for the contents.}$ 

# 34011-88L04-000 003

This kit contains basic components to install digital gauge.

# **OPTIONAL INSTRUMENT TRIM**

Change the standard gray bezel to suit your application. Two different bezel finishes are available for 2" or 4" Multi-Function gauges.



The image shows 4" bezel, "chrome", 34193-88L00-000.



4" bezel, chrome 34193-88L00-000

	Chrome	White
4" bezel	34193-88L00-000	34193-88L20-000
2" bezel	34193-88L40-000	34193-88L60-000

Co	ntents					
			quantity			
pai	rt name	part number	4" Gauge Kit		2" Gauge Kit	
			34011-88L04-000 003	***	34011-88L14-000 004 34011-89L02-000	***
1	4" SMIS Multi-Function Gauge	34200-88L02-000 001	1	1	-	-
2	2" SMIS Multi-Function Gauge	34800-88L01-000 002	-	-	1	1
3	Terminator Female	36665-88L00-000 011	1	-	1	-
4	Terminator Male	36665-88L10-000 012	1	-	1	-
5	Extension Cable 25 feet	36662-88L00-000	-	-	1	-
6	Engine Interface Unit	34922-88L03-000 005	1	1	1	1
7	SMIS Power Cable	36663-88L00-000 008	1	1	1	1
8	SMIS Adapter	36668-88L00-000 006 OR 36660-89L01-000	-	-	1	-
9	Operation & Installation Manual for 4" Gauge		1	-	-	-
10	Operation & Installation Manual for 2" Gauge		-	1	1	-

<sup>\*\*\*</sup>Quantity of T-connector(s) in a kit

# COMPONENT OF SUZUKI MODULAR INSTRUMENT SYSTEM

**ENGINE INTERFACE** The most important part of the SMIS data system. DF150TG/ZG/200AP/250AP/300AP connect to the system, using Engine Interface Adapter.

**ENGINE INTERFACE UNIT WITH A T-CONNECTOR** 

SMIS ADAPTER





# **36668-88L00-000** 006 for DF40A-250 with analog gauge

system to add on digital gauges.1.8m

36660-89L00-000 for DF9.9B/15A/20A/25A/30A with analog gauge system to add on digital gauges.7.1m

# **ENGINE INTERFACE ADAPTER**



36661-98J20-000 for dual DF150TG/ZG/175TG/ZG/200AP 250AP/300AP

36661-98J10-000 for single DF150TG/ZG/175TG/ZG/200AP 250AP/300AP

36661-98J30-000 for triple DF150TG/ZG/175TG/ZG/200AP 250AP/300AP

**POWER CABLE** The fused (3A) lead connects the extension cable to the power source.

# SMIS POWER CABLE WITH A T-CONNECTOR

36663-88L00-000 008

TERMINATOR MALE

## POWER NODE WITH A T-CONNECTOR



Allows network to be powered from multiple power sources (key switch, accessory switch, etc...).
For multiple (2 or 3) engines of DF9.9B-250

# **CONNECTION HARDWARE**

## T-CONNECTOR



36664-88L00-000 010

T-connectors link all compatible cables, data and sensor devices, and can be easily secured.

# TERMINATOR FEMALE



120-ohm terminators are required for any open cable ends in the system.

36665-88L00-000

# ADAPTER HARNESS TO N NETWORK



36665-88L10-000

120-ohm terminators are required for any open cable ends in the system.



36666-88L00-000

(Black network to Blue devices)
Allows connection to other NMEA devices (Device NET).

# ADAPTER HARNESS TO L NETWORK



36666-88L10-000

(Blue network to Black devices)

# **SENSORS**

# FLUID LEVEL SENSOR WITH A T-CONNECTOR



Monitors the fluid levels such as fuel, live well water level. etc. 10ft cable.

# **SPEED SENSOR WITH A T-CONNECTOR**



34190-88L00-000

Paddle wheel-type speed sensor. 10ft cable.

# WATER PRESSURE SENSOR WITH A T-CONNECTOR



34960-88L00-000

# WATER TEMPERATURE SENSOR WITH A T-CONNECTOR



34455-88L00-000 018 Surface-water temperature sensor. 10ft cable. 34455-88L10-000

(Thru-Hull type)

# GPS RECEIVER MODULE WITH A T-CONNECTOR



39950-88L00-000 019

Displays the accurate location and speed on multi-function gauges.

# **CONNECTION CABLE**

The extension cable is the main line of SMIS. Data communication runs the length of the boat, capped at each and with a 120-ohm terminator. NMEA2000® compatible sensors or other devices can be added by the use of T-connectors throughout the system.

# **EXTENSION CABLE**

36662-88L10-000

2 feet

36662-88L20-000 6 feet

36662-88L30-000

15 feet

36662-88L00-000

25 feet



# **CONNECTION FOR SUZUKI MODULAR INSTRUMENT SYSTEM**

# Example of Connection for DF150TG/ZG/175TG/ZG/200AP/250AP/300AP with S.M.I.S. Gauge

(in case of equipping the same quantities of 4" and 2" gauges as engines and stations, and all optional items)

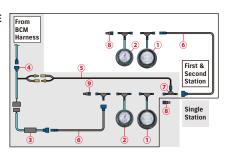
NOTE: (\*1): The required or recommended quantities are shown. Numbers in round-parentheses show the required ones if equipped.

(\*2): While some of SMIS items have a T-connector in the package, the total number of the T-connectors enclosed in them may be short to the required quantity.

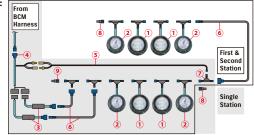
(\*3): SMIS adapter is required only for DF9.9B/15A/20A and DF25A/30A.

category	Ref. #	part name								eng	gine(	s)						part number
			Number of	Cont		1	2	3		1			2			3		
			T-connector	0						sta	tion(	s)						
			Included	Gaug	e Kit	1	1	1	2			2			2			4
				4"	2"							total			total	1st	2nd	4
SMIS multi-function gauge	1	L" CMIC Multi Function Cougo with a grow hozel	1	1	2"	1	2	3	requir 2	eu qu	1	ty per b	2 2	2	6	3	3	34200-88L02-000
SMIS IIIuiti-iuiictioii gauge	U	4" SMIS Multi-Function Gauge with a gray bezel		KIT		1		3		1	1	4	2	2	0	3	3	34011-88L04-000
		4" Gauge Kit	3	KII							1	,		0	•	_		
	<b>2 3</b>	2" SMIS Multi-Function Gauge with a gray bezel	1	_	1	1	2	3	2	1	1	4	2	2	6	3	3	34800-88L01-000
engine interface	(3)	Engine Interface unit	1	1	1	1	2	3	1	1		2	2		3	3		34922-88L03-000
		Engine Interface Adapter for single	0			1			1	1								36661-98J10-000
	4	Engine Interface Adapter for dual	0				1	_				1	1		_			36661-98J20-000
		Engine Interface Adapter for triple	0	_	_	_	_	1	_			_			1	1		36661-98J30-000
power cable	5	Power Cable	1	1	1	1	1	1	1	1		1	1		1	1		36663-88L00-000
connection cable		Extension Cable 2 feet	0															36662-88L10-000
	<b>6</b>	Extension Cable 6 feet	0			1	2	3	2	1	1	3	2	1	4	3	1	36662-88L20-000
	•	Extension Cable 15 feet	0			_	-		_	-	1		_	-	•		1	36662-88L30-000
		Extension Cable 25 feet	0	0	1													36662-88L00-000
connection hardware	7	T-Connector (*2)	1	3	3	4 (*2)	7 (*2)	<b>10</b> (*2)	6 (*2)	4	2	<b>11</b> (*2)	7	4	<b>16</b> (*2)	10	6	36664-88L00-000
	8	Terminator Female	0	1	1	1	1	1	1		1	1		1	1		1	36665-88L00-000
	9	Terminator Male	0	1	1	1	1	1	1	1		1	1		1	1		36665-88L10-000
		Adapter Harness to N network (Black network to Blue devices)	0															36666-88L00-000
		Adapter Harness to L network (Blue network to Black devices)	0															36666-88L10-000
sensor		Fluid Level Sensor	1			(1)	(1)	(1)	(1)			(1)			(1)			34810-88L00-000
		Speed Sensor	1			(1)	(1)	(1)	(1)			(1)			(1)			34190-88L00-000
		Water Temperature Sensor	1			(1)	(1)	(1)	(1)			(1)			(1)			34455-88L00-000
		Water Temperature Sensor (Thru-Hull type)	1			(1)	(1)	(1)	(1)			(1)			(1)			34455-88L10-000
		Water Pressure Sensor	1			(1)	(1)	(1)	(1)			(1)			(1)			34960-88L00-000
		GPS Receiver Module	1			(1)	(1)	(1)	(1)			(1)			(1)			39950-88L00-000
optional trim		4" bezel, chrome	0															34193-88L00-000
		4" bezel, white	0															34193-88L20-000
		2" bezel, chrome	0															34193-88L40-000
		2" bezel, white	0															34193-88L60-000
							1				_							12:220 00200 000

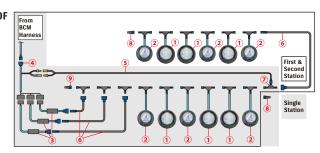
SINGLE ENGINE DF150TG/ZG/ 175TG/ZG/ 200AP/250AP/ 300AP



DUAL ENGINE OF DF150TG/ZG/ 175TG/ZG/ 200AP/250AP/ 300AP



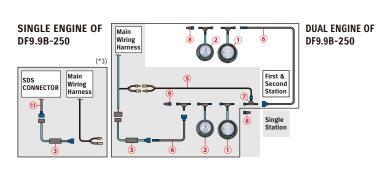
TRIPLE ENGINE OF DF150TG/ZG/ 175TG/ZG/ 200AP/250AP/ 300AP

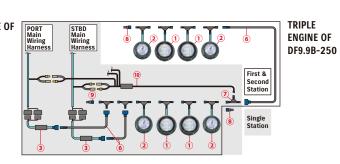


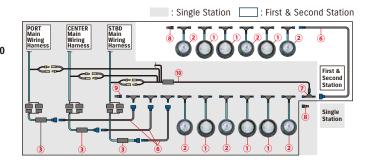
# Example of Connection for DF9.9B-250 with S.M.I.S. Gauge

(in case of equipping the same quantities of 4" and 2" gauges as engines' and stations', and all optional items)

category	Ref. #	part name								engi	ne(s)							part number
			Number of		tents	1	2	3		1			2			3		
			T-connector		of To Vit					stati	on(s)	)						
			Included	uauį	ge Kit	1	1	1	2 total	1ct 3	and 1	2 total	1ct	2nd	2 total [	1ct	2nd	
				4"	2"		· · · · · ·	<b>'</b>	requir						totui	131	ZIIU	
SMIS multi-function gauge	1	4" SMIS Multi-Function Gauge with a gray bezel	1	1		1	2	3	2	1	1	4	2	2	6	3	3	34200-88L02-000
		4" Gauge Kit	3	KIT														34011-88L04-000
	<b>(2</b> )	2" SMIS Multi-Function Gauge with a gray bezel	1		1	1	2	3	2	1	1	4	2	2	6	3	3	34800-88L01-000
engine interface	3	Engine Interface unit	1	1	1	1	2	3	1	1		2	2		3	3		34922-88L03-000
power cable	(5)	Power Cable	1	1	1	1	1	1	1	1		1	1		1	1		36663-88L00-000
	10	Power Node for multiple engine of DF40-250 only	1				1	1				1	1		1	1		36663-88L10-000
connection cable		Extension Cable 2 feet	0															36662-88L10-000
	<b>(6</b> )	Extension Cable 6 feet	0			1	2	3	2	1	,	3	2	1	4	3	1	36662-88L20-000
	•	Extension Cable 15 feet	0			1		3		1	1	3	2	1	4	٥	1	36662-88L30-000
		Extension Cable 25 feet	0	0	1													36662-88L00-000
connection hardware	7	T-Connector (*2)	1	3	3	4 (*2)	7 (*2)	10 (*2)	6 (*2)	4	2 1	<b>11</b> (*2)	7	4	<b>16</b> (*2)	10	6	36664-88L00-000
	8	Terminator Female	0	1	1	1	1	1	1		1	1		1	1		1	36665-88L00-000
	9	Terminator Male	0	1	1	1	1	1	1	1		1	1		1	1		36665-88L10-000
		Adapter Harness to N network (Black network to Blue devices)	0															36666-88L00-000
		Adapter Harness to L network (Blue network to Black devices)	0															36666-88L10-000
sensor		Fluid Level Sensor	1			(1)	(1)	(1)	(1)			(1)			(1)			34810-88L00-000
		Speed Sensor	1			(1)	(1)	(1)	(1)			(1)			(1)			34190-88L00-000
		Water Temperature Sensor	1			(1)	(1)	(1)	(1)			(1)			(1)			34455-88L00-000
		Water Temperature Sensor (Thru-Hull type)	1			(1)	(1)	(1)	(1)			(1)			(1)			34455-88L10-000
		Water Pressure Sensor	1			(1)	(1)	(1)	(1)			(1)			(1)			34960-88L00-000
		GPS Receiver Module	1			(1)	(1)	(1)	(1)			(1)			(1)			39950-88L00-000
optional trim		4" bezel, chrome	0															34193-88L00-000
		4" bezel, white	0															34193-88L20-000
		2" bezel, chrome	0															34193-88L40-000
		2" bezel, white	0															34193-88L60-000
adapter cable	11	SMIS adapter (*3)	0			1	2	3	1	1		2	2		3	3		36660-89L01-000







# **ANALOG INSTRUMENT**

Caution lamp Caution type

CHECK ENGINE Low battery-voltage or Other cautions on S.D.S TEMP Overheat ( Over-revolution )

Caution lamp Caution type

Low oil-pressure ( Over-revolution )

Oil change reminder REV LIMIT Over-revolution

# **TACHOMETER**







34200-93J00-000 34200-93J12-000

Gauge Size 4"

Applicable Model DF25A-250

Caution systems alert with a monitor lamp lighting on when an abnormal engine condition occurs. Refer to SERVICE MANUAL for the detail.

Black





34200-93J51-000

Applicable Model DF40A-140/200A

HOUR METER

Gauge Size

34200-93J40-000

Black

Exclusive for SUZUKI Troll Mode System. Automatically switches to low RPM scale when the SUZUKI Troll Mode System is activated.





34200-93J32-000

34200-93J20-000

Black

Gauge Size

Black

Applicable Model DF8-30A, DT30/40W

Full-scale 7000-RPM TACHOMETER can be used on electric-start models by using 4, 6 or 12 pole switch on rear of meter.

## TRIM GAUGE















White

Black

34800-93J11-000 (White)

34800-93J00-000 (Black) 2"

White

Gauge Size

Applicable Model DF25A-250

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

34300-93J11-000 (White)

34300-93J00-000 (Black)

Gauge Size

2" Applicable Model DF8A-250, DT30/40

FUEL GAUGE alone works with the US Standard 250Ω sending unit. Use the  $150\Omega$  adaptor to connect the gauge to a European standard sending unit.

34500-93J11-000 (White)

White

34500-93J00-000 (Black)

Gauge Size

2" Applicable Model DF8A-250, DT30/40

12-volt-electric-motor-driven meter indicates hours that your outboard motor has been operated in order for you to know when each periodic service is

34600-93J11-000 (White)

VOLTMETER

34600-93J00-000 (Black)

White

2" Gauge Size

Applicable Model DF8A-250, DT30/40

To help your SUZUKI OUTBOARD MOTOR run at its best, monitor the charging system functioning with a VOLTMETER.

34650-93J31-000 (White)

2"

34650-93J20-000 (Black)



Gauge Size

Applicable Model DF40A-250

Bourdon-tube type gauge measures cooling-water pressure, Select an approriate INSTALLATION KIT for each model.

# **SPEEDOMETER**





34100-93J11-000

34100-93J00-000

Black

Gauge Size

Maximum Speed 130km/h, 80mph

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





(White) 34100-93J20-000 34100-93J31-000

Gauge Size

Maximum Speed 80km/h, 50mph

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





Black

White

34100-93J51-000

34100-93J40-000

Gauge Size

Maximum Speed 80km/h, 45knots

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

# 20 65 x ACMOTOR muzum

# 34100-93J60-000

Gauge Size

Background White

Maximum Speed 120km/h, 65knots

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

# **SPEEDOMETER SENDER ASSY**





# INSTALLATION KIT for WATER-PRESSURE GAUGE



## 34660-90J02-000

Applicable Model DF40A-140A

34660-93J00-000

Applicable Model DF200-250

KIT includes fittings and hoses needed for motor to gauge connection.

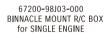
#### 34660-96J00-000

Applicable Model DF150-175/200A

# **ELECTRONIC THROTTLE AND SHIFT SYSTEM**

- · Computerized Drive by Wire system of the Suzuki Precision Control (S.P.C.) eliminates wiring friction losses and allows smooth and superior handling. As a result, SPC makes smooth and linear control from start and at low speed.
- · By the control panel operation(included remote-control kits), you can start and stop the engine and change a steering station with multiple engines you can control the synchronization of an engine rev and change the tilt angles.
- Not only DF300AP/250AP/200AP, but also DF150TG/ZG, DF175TG/ZG are suitable for this system.
- · Chrome plating finish for better rust resistance.
- · applicable to maximum 2 station and maximum 4 engines.
- · 8 kinds of rigging parts kits are available for your convenience to select all necessary parts for your requirements.









67200-98J22-000 FLUSH MOUNT R/C BOX for SINGLE ENGINE

048



67200-98J13-000 BINNACLE MOUNT R/C BOX for DUAL ENGINE

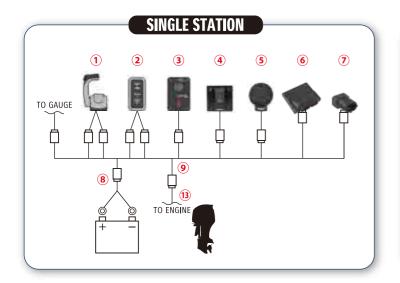
049

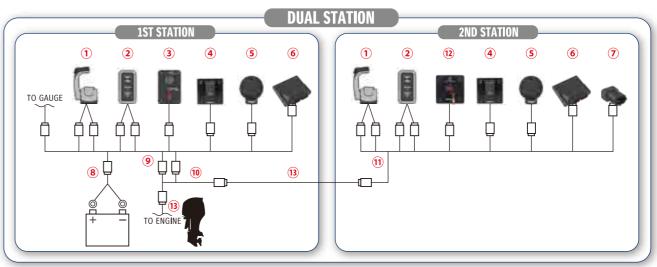
	- DEA	MOTE-CONTROL KIT	for			Total Required Quantity		
				1st Si	tation	2nd Station	rotar kequii	reu Quantity
		NGLE ENGIN		67000-98J09-000 BINNACLE-MOUNT CONTROL KIT	67000-98J68-000 Flush-mount Control Kit	67000-98J19-000 2ND-STATION CONTROL KIT	SINGLE STATION	DUAL Station
	PART NUMBER	PART NAME	LENGTH	CONTROL KIT	CONTROL KII	CONTROL KIT		
(1)	67200-98J03-000 <b>047</b>	BINNACLE MOUNT R/C BOX		1	_	1	1	2
•	67200-98J22-000 048	FLUSH MOUNT R/C BOX		_	1	_		
2	37100-98J11-000 051	CONTROL PANEL		1	1	1	1	2
3	37100-98J04-000 050	MAIN SWITCH PANEL		1	1	_	1	1
4	37860-87L00-000 080	TROLL MODE SWITCH PANEL		1	1	1	1	2
<b>(5</b> )	38500-93J90-000 082	WARNING BUZZER		1	1	1	1	2
9	09407-08401-000	WARNING-BUZZER CLAMP		1	1	1	1	2
	36770-98J10-000 054	BOAT CONTROL MODULE		1	1	1	1	2
	36775-98J00-000 055	BCM HOLDER (L)		1	1	1	1	2
<b>6</b>	36776-98J00-000 056	BCM HOLDER (R)		1	1	1	1	2
	33911-88BL0-000 057	BCM-CONNECT CAP		1	1	1	1	2
	33925-93J00-000 058	BCM CUSHION		1	1	1	1	2
(7)	33926-98J00-000 064	TERMINAL RESISTOR		2	2	_	2	2
8	36625-98J10-000 063	BATTERY-LEAD		1	1	_	1	1
9	36623-98J20-000 065	BCM #1 WIRING HARNESS		1	1	_	1	1
10	36622-98J00-000 062	DUAL-STATION WIRING HARNESS		_	_	1	_	1
(11)	36624-98J02-000 066	BCM #2 WIRING HARNESS		_	_	1	_	1
(12)	37803-93J04-000 076	EMERGENCY SWITCH PANEL		_	_	1	_	1
_	09403-13402-000	HARNESS CLAMP		10	10	10	_	_
v	36620-98J30-000 059	MAIN WIDING HADNEGO	6.5m				1	2
<b>13</b>	36620-98J40-000	MAIN WIRING HARNESS	9.5m					
	36620-98J50-000 060	MAIN WIRING HARNESS EXTENSION	2.0m				_	_

*(13) is not include	d thank kita	Diagon purchase	those items	concretely
- 本(3) IS NOL INCIUGE	u inese kiis.	Please burchase	these items	separately

REMOTE-CONTROL KIT for			for	K	П	- Total Required Quantity		
				1st Station	2nd Station	Total Kequii	red Quantity	
L	PART NUMBER	DUAL ENGIN	LENGTH	67000-98J29-000 Binnacle-Mount Control Kit	67000-98J39-000 2ND-Station Control Kit	SINGLE STATION	DUAL Station	
<b>1</b>	67200-98J13-000 049	BINNACLE MOUNT R/C BOX	LEIGHT	1	1	1	2	
<u>(2)</u>	37100-98J21-000 <b>052</b>	CONTROL PANEL		1	1	1	2	
<b>3</b>	37100-98J04-000 050	MAIN SWITCH PANEL		1	1	1	1	
<u>(4)</u>	37860-87L00-000 080	TROLL MODE SWITCH PANEL		1	1	1	2	
Ŭ	38500-93J90-000 082	WARNING BUZZER		1	1	1	2	
<b>5</b>	09407-08401-000	WARNING-BUZZER CLAMP		1	1	1	2	
	36770-98J10-000 054	BOAT CONTROL MODULE		1	1	1	2	
	36775-98J00-000 055	BCM HOLDER (L)		1	1	1	2	
<b>6</b>	36776-98J00-000 056	BCM HOLDER (R)		1	1	1	2	
	33911-88BL0-000 057	BCM-CONNECT CAP		1	1	1	2	
	33925-93J00-000 058	BCM CUSHION		1	1	1	2	
7	33926-98J00-000 064	TERMINAL RESISTOR		2	_	2	2	
8	36625-98J10-000 063	BATTERY-LEAD		1	_	1	1	
9	36623-98J30-000	BCM #1 WIRING HARNESS		1	_	1	1	
10	36622-98J00-000 062	DUAL-STATION WIRING HARNESS		_	1	-	1	
11	36624-98J11-000	BCM #2 WIRING HARNESS		_	1	_	1	
12	37803-93J04-000 076	EMERGENCY SWITCH PANEL		_	1	_	1	
_	36621-98J00-000 <b>061</b>	ENGINE WIRING HARNESS		1	_	1	1	
_	09403-13402-000	HARNESS CLAMP		15	10	_	_	
*_	36620-98J30-000 <b>059</b>	MAIN WIRING HARNESS	6.5m			1	2	
*	36620-98J40-000		9.5m				_	
	36620-98J50-000 060	MAIN WIRING HARNESS EXTENSION	2.0m			_	_	

<sup>\*(3)</sup> is not included these kits. Please purchase these items separately





		THOTE CONTROL KIT (		К	IT	T   D	
		MOTE-CONTROL KIT fo		1st Station	2nd Station	Total Kequi	red Quantity
	PART NUMBER	RIPLE ENGIN	LENGTH	67000-98J49-000 BINNACLE-MOUNT OR FLUSH-MOUNT CONTROL KIT	67000-98J59-000 2ND-STATION CONTROL KIT	SINGLE STATION	DUAL Station
1	67200-98J13-000 049	BINNACLE MOUNT R/C BOX		1	1	1	2
<u>2</u>	37100-98J31-000 <b>053</b>	CONTROL PANEL		1	1	1	2
<u>3</u>	37100-98J04-000 <b>050</b>	MAIN SWITCH PANEL		1	-	1	1
4	37860-87L00-000 080	TROLL MODE SWITCH PANEL		1	1	1	2
<b>(5</b> )	38500-93J90-000 <b>082</b>	WARNING BUZZER		1	1	1	2
3	09407-08401-000	WARNING-BUZZER CLAMP		1	1	1	2
	36770-98J10-000 <b>054</b>	BOAT CONTROL MODULE		1	1	1	2
	36775-98J00-000 055	BCM HOLDER (L)		1	1	1	2
<b>6</b>	36776-98J00-000 056	BCM HOLDER (R)		1	1	1	2
	33911-88BL0-000 057	BCM-CONNECT CAP		1	1	1	2
	33925-93J00-000 058	BCM CUSHION		1	1	1	2
7	33926-98J00-000 <b>064</b>	TERMINAL RESISTOR		2	-	2	2
8	36625-98J10-000 063	BATTERY-LEAD		1	_	1	1
9	36623-98J30-000	BCM #1 WIRING HARNESS		1	-	1	1
10	36622-98J00-000 <b>062</b>	DUAL-STATION WIRING HARNESS		_	1	_	1
11	36624-98J11-000	BCM #2 WIRING HARNESS		-	1	_	1
12	37803-93J04-000 <b>076</b>	EMERGENCY SWITCH PANEL		_	1	_	1
_	36621-98J00-000 <b>061</b>	ENGINE WIRING HARNESS		1	-	1	1
_	09403-13402-000	HARNESS CLAMP		18	10	_	_
*	36620-98J30-000 059	MAIN WIRING HARNESS	6.5m			1	2
*	36620-98J40-000	III/AII IIIAII IIIAII IIIA	9.5m			_	_
	36620-98J50-000 060	MAIN WIRING HARNESS EXTENSION	2.0m			_	_

36620-98J50-000 060	MAIN	WIRING HARNESS EXTENSION	2.0m	
$st ^{ rac{1}{3} }$ is not included these	kits.	Please purchase these	e items s	eparately

		MOTE CONTROL VIT 6		К	IT	Total Required Quantity		
	<b>SOCO</b> RE	MOTE-CONTROL KIT fo	or	1st Station	2nd Station	rotai kequii	eu Quantity	
	PART NUMBER	MOTE-CONTROL KIT TO ADRUPLE ENGI  PART NAME	NE LEMGTH	67000-98J71-000 BINNACLE-MOUNT OR FLUSH-MOUNT CONTROL KIT	67000-98J81-000 2ND-STATION CONTROL KIT	SINGLE STATION	DUAL Station	
1	67200-98J13-000 049	BINNACLE MOUNT R/C BOX		1	1	1	2	
<u>(2)</u>	37100-98J21-000 <b>052</b>	CONTROL PANEL		2	2	2	4	
<u>3</u>	37100-98J04-000 050	MAIN SWITCH PANEL		1	_	1	1	
4	37860-87L00-000 080	TROLL MODE SWITCH PANEL		1	1	1	2	
	38500-93J90-000 082	WARNING BUZZER		2	2	2	4	
<b>5</b>	09407-08401-000	WARNING-BUZZER CLAMP		2	2	2	4	
	36770-98J20-000	BOAT CONTROL MODULE		2	2	2	4	
	36775-98J00-000 <b>055</b>	BCM HOLDER (L)		2	2	2	4	
6	36776-98J00-000 <b>056</b>	BCM HOLDER (R)		2	2	2	4	
	33911-88BL0-000 057	BCM-CONNECT CAP		2	2	2	4	
	33925-93J00-000 <b>058</b>	BCM CUSHION		2	2	2	4	
7	33926-98J00-000 064	TERMINAL RESISTOR		4	_	4	4	
8	36625-98J10-000 063	BATTERY-LEAD		2	_	2	2	
9	36623-98J40-000	BCM #1 WIRING HARNESS		1	_	1	1	
10	36622-98J00-000 <b>062</b>	DUAL-STATION WIRING HARNESS		_	2	-	2	
11	36623-98J40-000	BCM #2 WIRING HARNESS		_	1	_	1	
12	37803-93J04-000 <b>076</b>	EMERGENCY SWITCH PANEL		_	1	_	1	
_	36621-98J00-000 <b>061</b>	ENGINE WIRING HARNESS		2	_	2	2	
_	09403-13402-000	HARNESS CLAMP		20	15	-		
*	36620-98J30-000 <b>059</b>	MAIN WIRING HARNESS	6.5m			2	4	
<b>13</b>	36620-98J40-000	WAIN WINING HARNESS	9.5m			2	4	
	36620-98J50-000 <b>060</b>	MAIN WIRING HARNESS EXTENSION	2.0m			_	_	

<sup>\*</sup>  $^{\scriptsize{\textcircled{\scriptsize{1}}}}$  is not included these kits. Please purchase these items separately

**MAIN SWITCH PANEL** 

**CONTROL PANEL** 





37100-98J11-000 for Single-Engine



37100-98J21-000 for Dual-Engine



37100-98J31-000 for Triple-Engine

**BOAT CONTROL MODULE (BCM)** 

BCM HOLDER (L/R)

**BCM-CONNECT CAP** 

**BCM CUSHION** 



36770-98J10-000

36770-98J20-000 for Quadruple engines



36775-98J00-000

36776-98J00-000



33911-88BL0-000



33925-93J00-000

switch

37100-98J04-000

Single ignition with Emergency-stop



36620-98J30-000

6.5 meters for control system



9.5 meters for control system





33926-98J00-000



36620-98J50-000

2.0 meters for control system



36621-98J00-000

for Dual engines

#### 36621-98J10-000

for Triple engines

# **BCM #1 WIRING HARNESS**



**BCM #2 WIRING HARNESS** 



# 36623-98J20-000

for Single engine and Single (First) station

#### 36623-98J30-000

for Dual or Triple engines and Single (First) station

#### 36623-98J40-000

for Quadruple engines

# 36624-98J02-000

for Single engine and Second station

#### 36624-98J11-000

for Dual or Triple engines and Second station

#### 36623-98J40-000

for Quadruple engines and Second



36622-98J00-000

for Dual-station control system

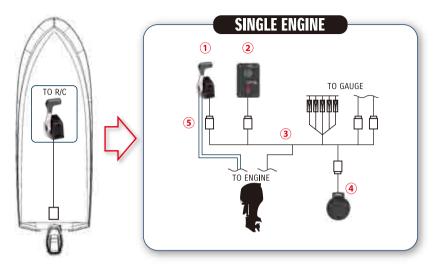


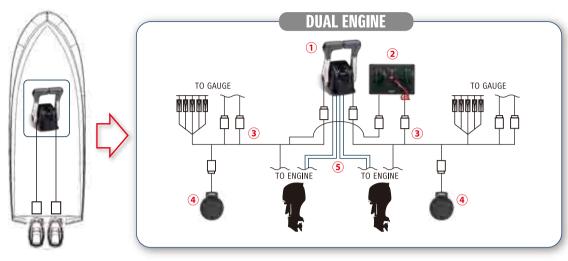
36625-98J10-000

6.5 meters



# MECHANICAL REMOTE CONTROL SYSTEM





	REMOTE-0								
		E + SINGLE STATION	ON	1st Station	1st Station	1st Station	1st Station	1st Station	Total
	SHARTE EMAIN	E + SINULE STATE	JIN .	67000-93J05-000	67000-93J49-000	67000-93J26-000	67000-93J90-000		Required Quantity
	PART NUMBER	PART NAME	LENGTH	BINNACLE-MOUNT CONTROL KIT	BINNACLE-MOUNT CONTROL KIT	FLUSH-MOUNT Control Kit	FLUSH-MOUNT Control Kit	SIDE-MOUNT Control Kit	
	67200-93J13-000 <b>067</b>	BINNACLE MOUNT R/C BOX		1	1	_	_	_	
(1	67200-93J32-000 <b>069</b>	FLUSH MOUNT R/C BOX		_	_	1	1	_	1
	67200-93J50-000	SIDE MOUNT R/C BOX		-	_	_	_	1	
	37803-93J04-000 <b>076</b>	EMERGENCY SWITCH PANEL		_	_	_	_	_	
(2	37803-99E04-000	EMERGENCY SWITCH PANEL		_	_	_	_	_	1 1
۷	37100-96J00-000 075	IGNITION SWITCH PANEL		_	_	_	_	_	1
	37100-96J24-000 <b>077</b>	SINGLE IGNITION WITH E/S SWITCH		1	1	1	1	<b>%</b> 1	
	36620-93J02-000 <b>073</b>		5.0m	_	1		1	1	
G	36620-93J52-000	MAIN WIRING HARNESS	6.5m	_	_	_	_	_	1
(3	36620-93J62-000	WAIN WINING HANNESS	8.0m	_	_	_	_	_	1
	36620-94J01-000		6.5m	-	_	_	_	_	
	34200-93J12-000 <b>021</b>	TACHOMETER (FACE: WHITE)		_	1	_	1	1	
	34800-93J11-000 <b>027</b>	TRIM GAUGE (FACE: WHITE)		_	1	_	1	1	
<b>(4</b>	38500-93J90-000 082	WARNING BUZZER						<b>※</b> 1	1
0	09407-08401-000	WARNING-BUZZER CLAMP						<b>※</b> 1	1
	67320-93J00-000 084		8ft. / 2.44m						
	67320-93J10-000		10ft. / 3.05m						
	67320-93J20-000		12ft. / 3.66m						
	67320-93J30-000	R/C CABLE	14ft. / 4.27m						
(5	/	(FOR THROTTLE AND SHIFT CABLES)	16ft. / 4.88m						2
	67320-93J50-000	, and the same of	18ft. / 5.49m						
	67320-93J60-000		20ft. / 6.10m						
	67320-93J70-000		22ft./ 6.71m						
	67320-93J80-000		24ft. / 7.32m						
	36620-93J10-000	MAIN WIRING HARNESS EXTENSION	2m						
	36620-93J40-000		3m						
	37860-87L00-000 080	TROLL MODE SWITCH PANEL				<b>※</b> 2			

These accessorries in yellow painted are optional ones. Please select your best one depending on your rigging system.

20|

		REMOTE-C	CONTROL KIT for		K	IT	
			+ SINGLE STATIO	NI.	1st Station	1st Station	Total
4		W W			67000-93J15-000 BINNACLE-MOUNT	67000-93J59-000 BINNACLE-MOUNT	Required Quantity
		PART NUMBER	PART NAME	LENGTH	CONTROL KIT	CONTROL KIT	
(1		67200-93J23-000 <b>068</b>	BINNACLE MOUNT R/C BOX		1	1	1
(2	2)	37100-96J14-000 <b>078</b>	DUAL IGNITION WITH E/S SWITCH		1	1	1
		36620-93J02-000 <b>073</b>		5.0m	_	2	
G	3 36620-93J52-000 36620-93J62-000		MAIN WIRING HARNESS	6.5m	_	_	2
G			MAIN WINING HANNESS	8.0m	_	_	2
		36620-94J01-000		6.5m	_	_	
		34200-93J12-000 021	TACHOMETER (FACE : WHITE)		_	2	
		34800-93J11-000 027	TRIM GAUGE (FACE: WHITE)		_	2	
0		38500-93J90-000 082	WARNING BUZZER			'	2
(4	ש	09407-08401-000	WARNING-BUZZER CLAMP				2
		67320-93J00-000 084		8ft. / 2.44m			
		67320-93J10-000		10ft. / 3.05m			
		67320-93J20-000		12ft. / 3.66m			
		67320-93J30-000	R/C CABLE	14ft. / 4.27m			
(5	5	67320-93J40-000	(FOR THROTTLE AND SHIFT CABLES)	16ft. / 4.88m			4
		67320-93J50-000	(FOR THROTTLE AND SHIFT CADLES)	18ft. / 5.49m			
		67320-93J60-000		20ft. / 6.10m			
		67320-93J70-000		22ft./ 6.71m			
		67320-93J80-000		24ft. / 7.32m			
		36620-93J10-000	MAIN WIDING HADNESS SYTEMSION	2m			
		36620-93J40-000	MAIN WIRING HARNESS EXTENSION	3m			
		37860-87L00-000 080	TROLL MODE SWITCH PANEL		>	<b></b>	

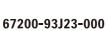
These accessorries in yellow painted are optional ones. Please select your best one depending on your rigging system.

**<sup>%1</sup>** The side mouont control box is equipped with an ignition switch, an emergency switch and warning buzzer with clamp. **%2** For more accurate speed control, please purchase the TACHOMETER (34200-93J50(40)) sepalately.

SUZUKI

# BINNACLE-MOUNT REMOTE CONTROL BOX





Dual-engine

Applicable Model DF8A-250

# FLUSH-MOUNT REMOTE CONTROL BOX

# **SIDE-MOUNT REMOTE CONTROL BOX**



Single-engine. With warning buzzer Applicable Model DF8A-30A

#### 67200-93J50-000

Single-engine. With PTT switch Applicable Model DF9.9B-250



#### 67200-91J20-000

Single-engine Applicable Model DF4-6

#### 67200-89E40-000

Single-engine. With warning buzzer Applicable Model DT30/40W

# **CONNECTION between ENGINE and CONTROL SYSTEM**

# **MAIN WIRING HARNESS**

67200-93J32-000

Applicable Model DF8A-250

Single-engine

# **MAIN WIRING HARNESS EXTENSION**

# **SPACER KIT for REMOTE CONTROL BOX**



67500-93J00-000



67500-93J10-000

for Dual Binnacle-mount type Applicable Model DF8A-250

#### 36620-93J52-000

5.0 meters for Control system Applicable Model DF40A-250

## 36620-94L00-000

5.0 meters for Control system Applicable Model DF25A/30A

# Applicable Model DF40A-250 36620-93J62-000

36620-93J02-000

8.0 meters for Control system Applicable Model DF40A-250

6.5 meters for Control system

#### 36620-94J01-000

6.5 meters for Control system without Monitor-signal wire, Trim-sender wire and PTT-SW wire Applicable Model DF8A/9.9B/15A/20A

#### 36620-94L10-000

5.0 meters for Control system without Trim-sender wire and PTT-SW wire

Applicable Model DF25A/30A

67200-93J13-000

Applicable Model DF8A-250

Single-engine

for Single Binnacle-mount type Applicable Model DF8A-250

# **BATTERY LEAD**



# 36625-93J10-000

6.7 meters

Applicable Model DF70-90A/150/175/200A/ 200-250

## 36625-93J00-000

3.9 meters

Applicable Model DF70-90A/150/175/200A/ 200-250

**| 21** 

# 36620-93J10-000

2.0 meters for Control system Applicable Model DF9.9B-250

#### 36620-93J40-000

3.0 meters for Control system Applicable Model DF9.9B-250



# **COMPONENT OF MECHANICAL REMOTE CONTROL SYSTEM**

# **IGNITION SWITCH PANEL**



## 37100-96J00-000

075

Single ignition

Applicable Model DF9.9B-250

#### 37100-99E00-000

Single ignition

Applicable Model DT30

# **EMERGENCY SWITCH PANEL**



#### 37803-93J04-000



Applicable Model DF9.9B-300AP

#### 37803-99E04-000

Applicable Model DT30

# **LIGHTING SWITCH PANEL**



# 37210-93J00-000



Applicable Model DF9.9B-250, DT30/40W

# **IGNITION SWITCH PANEL**



# 37100-96J24-000

Single ignition with Emergency-stop switch

Applicable Model DF9.9B-250

# **IGNITION SWITCH PANEL**



# TROLL MODE SWITCH PANEL



# 37860-87L00-000



Applicable Model DF40A-140A/150TG/ZG/ 175TG/ZG/200A/AP/250AP/ 300AP

Activates SUZUKI Troll Mode System and controls RPM from idling engine speed up to 1200rpm at every 50rpm.

# PTT SWITCH PANEL

Applicable Model DF9.9B-250



37805-93J00-000

Applicable Model DF40A-250

# **WARNING BUZZER**



38500-93J90-000

#### Applicable Model DF9.9B-300AP

## THRU-HULL-HOSE ATTACHMENT



#### 67300-90J00-000

Applicable Model DF70A-140A

67300-93J00-000

Applicable Model DF150-300AP

# TWIN REMOCON ATTACHMENT KIT



67140-95600-000

085

Applicable Model DF8A-250, DT30/40W

# REMOTE-CONTROL CABLE



#### 67320-93J00-000

8 feet 2.44 meters

Applicable Model DF4-250, DT30/40W

#### 67320-93J10-000

10 feet 3.05 meters

Applicable Model DF4-250, DT30/40W

#### 67320-93J20-000

12 feet 3.66 meters

Applicable Model DF4-250, DT30/40W

#### 67320-93J30-000

14 feet 4.27 meters

Applicable Model DF4-250, DT30/40W

#### 67320-93J40-000

16 feet 4.88 meters

Applicable Model DF4-250, DT30/40W

#### 67320-93J50-000

18 feet 5.49 meters

Applicable Model DF4-250, DT30/40W

#### 67320-93J60-000

20 feet 6.10 meters

Applicable Model DF4-250, DT30/40W

#### 67320-93J70-000

22 feet 6.71 meters

Applicable Model DF4-250, DT30/40W

#### 67320-93J80-000

24 feet 7.32 meters

Applicable Model DF4-250, DT30/40W

GENUINE REMOTE-CONTROL CABLES employ the latest in cable technology. The inner core is encased in nylon, and travels back and forth in a high-density polyethylene liner.

# REMOTE-CONTROL ATTACHING KIT

Converts ME model to REMOTE-CONTROL model.



# 67101-91J00-000

Applicable Model DF4-6

#### 67130-94L00-000

Applicable Model DF25A/30A

#### 67130-94L10-000

Applicable Model DF25ATH/DF30ATH

#### 67130-99J00-000

CLAMP BRACKET SET (41100-99J00-0EP) is required for installing 67130-99J00-000.

Applicable Model DF8A/9.9A

#### 67130-89L02-000

Applicable Model DF9.9B/15A/20A

#### 67130-91L00-000

Applicable Model DT25K/30

#### 67130-94402-000

Applicable Model DT40W

# **CLAMP BRACKET SET**

#### 41100-99J00-0EP

Applicable Model DF8A/9.9A

# **STEERING**

# TILLER HANDLE KIT



63002-88L21-0EP



Applicable Model DF40A/50A

63002-88L11-0EP



Applicable Model DF60A/50AV/60AV

63002-87L12-0EP



Applicable Model DF70A-90A

63002-90J31-0EP



with Adjustable Steering Damper Applicable Model DF100A/115A

# **Main features**



**Tachometer with warning** indicators



Three position angle adjustable bracket



Troll mode switch

 Activates SUZUKI Troll Mode System and controls RPM from idling engine speed up to 1200rpm at every 50rpm.



Power trim & tilt switch and throttle grip friction adjuster

# **TILLER HANDLE KIT**

# **DUAL-ENGINE TIE-BAR**

# STEERING EXTENSION KIT

# STEERING-BRACKET ATTACHMENT



The conventional kits are also applicable.

#### 63002-88L07-0EP

Applicable Model DF40A-60A

#### 63002-87L04-0EP

Applicable Model DF70A-90A

#### 63002-90J26-0EP

with Adjustable Steering Damper

Applicable Model DF100A/115A

CONTENTS: Ignition switch, Engine-stop switches, Wiring harness, Cables and Gromments TILLER HANDLE KITS are designed for easy installation for selected electric start models.



67600-90J00-000

Stainless steel

Applicable Model DF100A-140A

#### 67600-93J00-000

Stainless steel

Applicable Model DF150-250



67630-93J00-000

for installation of DUAL-ENGINE TIE-BAR (67600-93J00-000)

Applicable Model DF150-250

# STEERING CABLE SEAL



41161-94400-000

Applicable Model DF8A-250, DT25K-40W



43755-87L00-000

Applicable Model DF70A/90A

43755-88L00-000

Applicable Model DF40A-60A

43755-94L00-000

Applicable Model DF25A-30A

43755-99J00-000

Applicable Model DF8A-20A

43755-96320-000

Applicable Model DT25K/30/40W

# DRAG-LINK KIT



67700-87L01-000

Applicable Model DF70A-90A

67700-93J00-000

Applicable Model DF40A-60A/200-250

67700-96J00-000

Applicable Model DF150-175/200A/AP

67701-87J11-000

Applicable Model DF40A-60A/200-250

67701-87L01-000

Applicable Model DF70A-90A

67701-90J01-000

Applicable Model DF100A-140A

67701-96J00-000

Applicable Model DF150-175/200A/AP

67701-94420-000

Applicable Model DT25K/30

67701-94L00-000

Applicable Model DF25A/30A

67701-99J02-000

Applicable Model DF8A-DF20A

# Recommended STEERING SYSTEM supplied by



www.seastarsolutions.com

Order taking, delivery, technical support and warranty for these products are handled by SeaStar Solutions.

Please consult to local SeaStar Solutions distributor or dealer if you need more detail for product information, price, availability and all business terms.

## **STEERING KIT**

# BAYSTAR"



#### **BAYSTAR**

BAYSTAR OUTBOARD SYSTEM - HK4645H									
System comprises:									
BayStar Helm 1.4cu" (22.94cc)	HH4314								
BayStar Compact Cylinder	HC4645H*								
20ft "cut to length" tubing kit	HT4420H								
2 x I litre hydraulic oil	H05430								

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

# SEASTAR"



SEASTAR OUTBOARD SYSTEM - HK6400									
System comprises:									
SeaStar Helm 1.7cu" (27.80cc)	HH5271								
SeaStar Pivot Cylinder	HC5345*								
2 x I litre hydraulic oil	H05430								
Note: 1 x SeaStar hose kits must be ordered separately									

<sup>\*</sup>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.

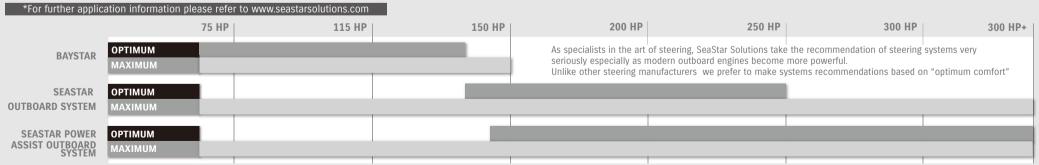


# SEASTAR POWER ASSIST

CEACTAD OUTDOADD DOWED ACCICT CVCTEA

SEASTAR UUTBUARD PUWER ASSIST STSTEM									
System comprises:									
SeaStar Helm 1.7cu" (27.80cc)	HH5271								
SeaStar Pivot Cylinder	HC5345*								
2 x I litre hydraulic oil	H05430								
SeaStar 12v Power Assist Unit	PA1200-2								
Note: 2 x SeaStar hose kits must be ordered separately									

<sup>\*</sup>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.



# **TIE-BAR KIT**

#### **Features**

General purpose system.

Single and multiple engine capability.

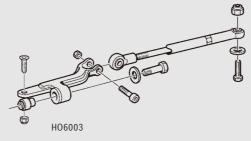
Total power up to 700 HP

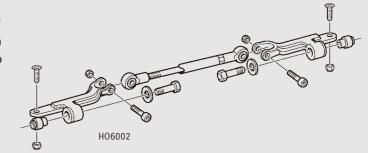
\*counter-rotating.

Independent engine tilt for twin engine

Easy steering.

5 turns lock to lock steering response.





# **Applications**

# Twin Engine Application for Suzuki Outboard Motors

MODEL (LOVELE)	CYLINDER	TIE BA	NOTES	
MODEL (4-CYCLE)	CILINDER	TWIN ENGINE SINGLE CYL.	TWIN ENGINE DUAL CYL.	NOTES
DF40A/50A/60A	HC5358	HO6003	HO6002	Requires kit HO5090
DF70A/80A/90A	HC5358	HO6003	HO6002	Requires kit HO5090
DF100	HC5358	HO6003	HO6002	Requires kit H05090
DF115/140	HC5358	HO6003	HO6002	Requires kit HO5090
DF150/175	HC5345	HO6003	HO6002	
DF200/225/250	HC5345	HO6003	HO6002	
DF300	HC5345	HO6003	HO6002	

# **Triple Engine Configuration for Suzuki Outboard Motors**

MODEL (LOVOLE)	OVI INDED	TIE BA	NOTES	
MODEL (4-CYCLE)	CYLINDER	PORT ENGINE TO DRIVE CYL.	STARBOARD ENGINE TO DRIVE CYL.	
DF150/175	HC5345	HO6003	H06002	See notice
DF200/225/250	HC5345	HO6003	HO6002	See notice
DF300	DF300 HC5345		HO6002	See notice

# **ELECTRICAL PARTS**

## **ELECTRIC STARTER KIT**



31000-94L01-000

Applicable Model DF25A/30A

31000-99J00-000

Applicable Model DF8A/9.9A

31000-89L02-000

Applicable Model DF9.9B/15A/20A

Converts MZ model into ME model

# BATTERY CHARGING KIT

32000-91J13-000

80W

Applicable Model DF4-6

32000-94L00-000

80W

Applicable Model DF25A/30A

32000-99J00-000

80W

Applicable Model DF8A/9.9A

32000-89L00-000

80W

Applicable Model DF9.9B/15A/20A

#### **RECTIFIER SET**



RECEPTACLE KIT

32801-91J01-000

Applicable Model DF4-6

# 32801-95J01-000

Applicable Model DF8A/9.9A

32801-89L00-000

Applicable Model DF9.9B/15A/20A



32801-96304-000

Applicable Model DT25K/30



32801-94402-000

Applicable Model DT40W

## STARTER MOTOR SET



Applicable Model DF4-6

39600-94J01-000

Applicable Model DF8A/9.9A

39600-89L00-000

36612-98J01-000

specification.

Applicable Model DF200AP/250AP/300AP

Converts DF300AP/250AP to counter rotation

Applicable Model DF9.9B/15A/20A



39600-94L00-000

Applicable Model DF25A/30A



39600-93910-000

Applicable Model DT9.9A-40W



31101-96320-0EP

Applicable Model DT30

# **STARTING SWITCH & CABLE SET**

#### **COUNTER SELECT CONNECTOR BATTERY ISOLATOR LEAD SET**



33830-98J11-000

Applicable Model DF150TG/ZG/175TG/ZG/ 200A/AP/250AP/300AP



**FLYWHEEL** 

32102-96462-000

Applicable Model DT30



33800-96304-000

Applicable Model DT30



# **ZINC ANODE for saltwater**



55300-95500-000



Applicable Model DF8A/9.9A/40A-60A DT25K-40W



55320-95311-000

Applicable Model DF40A-60A/150-300AP



55125-96310-000

Applicable Model DF25/R/O



55321-90J01-000



Applicable Model DF50AV/60AV/100A-140A

# **ALUMINUM ANODE for brackish** water, saltwater



55321-87J00-000

Applicable Model DF2.5-300AP. DT9.9AK/15AK



55320-94900-000

Applicable Model DF60A-300AP



116 55321-95J00-000

Applicable Model DF2.5

55321-93J00-000

Applicable Model DF150-300AP

# MAGNESIUM ANODE for freshwater

117



55321-87J10-000

Applicable Model DF4-300AP,DT9.9A/15A



55321-94910-000

Applicable Model DF70A-300AP

## **FUEL TANK**

NOTE: These tanks do not meet US-EPA requirements.



65000-99100-000

12-litre plastic tank with no fuel-level gauge

Applicable Model DF4/5/6, DT9.9AK/ 15AK/25K/40WK (-K:For Gasoline)

65000-95D01-000

25-litre plastic tank with a fuel-level gauge

Applicable Model DF8A-140A, DT9.9AK-40W/WR/WK (-K:For kerosene)

65000-89L10-000

12-litre plastic tank

Applicable Model DF8A-20A

# **REPLACEMENT FUEL CAP**

NOTE: These caps do not meet US-EPA requirements.

65520-99100-000

for 12-litre tank with no fuel-level gauge

Applicable Model DF5-20A/R.DT9.9AK/15AK/25K/40WK

65520-95D01-000

for 25-litre tank with a fuel-level gauge

Applicable Model DF8A-140A,DT9.9AK-40W/WR/WK

# **FUEL-HOSE SOCKET**



65750-98505-000



Metal. Inner diameter: 11.2 mm

Applicable Model DF4-20A/R, DT9.9/K-40W/ WR/WK



65750-87J11-000

Plastic, Inner diameter: 6.6 mm Applicable Model DF4/8A-30A



65750-95500-000

Metal. Inner diameter: 13.0 mm

Applicable Model DF8A/R-140A, DT9.9AK-40W/WR/WK

# **FUEL SYSTEM**

**FUEL CONNECTOR** 

(ENGINE SIDE)

**SQUEEZE PUMP** 



372U-30UDU-

Plastic

Applicable Model DF4

**FUEL CONNECTOR** 

(TANK SIDE)



65740-95D01-000

Outer diameter: 13 mm, 1/4"NPT

Applicable Model DF8A/R-140A,

DT9.9/K-40W/WR/WK



65770-99J01-000

Small-in & Large-out

Applicable Model DF4-6, DT9.9AK/15AK/25K/40WK

65770-90J11-000

Large-in & Large-out

Applicable Model DF8A-140A, DT9.9AK/15AK/25K/40WK

65770-93J11-000

Large-in & Large-out

Applicable Model DF150-300AP

65770-90L01-000

Large-in & Small-out

Applicable Model DT9.9A/15A/30/40W

# **SQUEEZE PUMP**

(Meets US-EPA requirements.)

65770-94J02-000

Small-in & Large-out

Applicable Model DF4/6

65770-90J02-000

Large-in & Large-out

Applicable Model DF8A-25A/30A

65770-93J02-000

Large-in & Large-out

Applicable Model DF150-300AP

# **FUEL-HOSE COMPONENT**



#### 65700-94JD1-000

for 12-litre plastic tank to engine

Applicable Model DF4-6

65700-93J02-000

for fuel tank to engine

Applicable Model DF150-300AP

65700-87J15-000

for 25-litre plastic tank to engine

Applicable Model DF8A-20A

#### 65700-90J14-000

for 25-litre plastic tank to engine

Applicable Model DF40A-140A

65700-95D04-000

for 12-litre plastic tank to engine (gasoline)

Applicable Model DT9.9AK/15AK/25K/40WK

65700-96362-000

for 25-litre plastic tank to engine (kerosene)

Applicable Model DT9.9AK/15AK/25K/40WK

#### 65700-94415-000

with fuel filter (gasoline)

Applicable Model DT9.9AK/15AK/25K/40WK

65700-94433-000

with fuel filter (kerosene)

Applicable Model DT9.9AK/15AK

Only for P36 ver.

# **FUEL-HOSE COMPONENT**

(Meets US-EPA requirements.)

65700-91J25-000

Applicable Model DF4/6

65700-87J24-000

Applicable Model DF8A-25

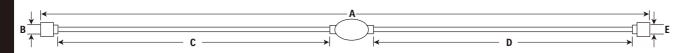
Applicable Model DF8A-23

65700-88L03-000

Applicable Model DF40A-60A

# FUEL-HOSE COMPONENT Chart

# Engine Side (Outlet)



Tank Side (Inlet)

FUEL HO	FUEL HOSE COMPONENT			SOCK	ET		HOSE			HOSE SOCKET			Ħ				
Part Nun	nber	A Length (mm)	Material	B I/D (mm)	Part Number	C Length (mm)		I/D (mm)	0/D (mm)	SQUEEZE PUMP	D Length (mm)		I/D (mm)	0/D (mm)	Material	E I/D (mm)	Part Number
65700-94J	D1-000	1970	Plastic	6.6	65750-87J11-000	700	Large	7.3	12.5	65770-99J00-000	1100	Small	5.3	10.5	Metal	11.2	65750-98505-000
65700-93J	02-000	2370	(no socket)	-	-	(no hose)	-	-	-	65770-93J11-000	2250	Large	9.0	14.0	(no socket)	-	-
65700-87J	15-000	1970	Plastic	6.6	65750-87J11-000	700		7.3	12.5	65770-90J10-000	1100		7.3	12.5	Metal	13.0	65750-95500-000
65700-90J	14-000	1250	(no socket)	-	-	(no hose)	-	-	-	65770-90J10-000	1100		7.3	12.5	Metal	13.0	65750-95500-000
65700-950	004-000	2550	Metal	13.0	65750-95500-000	300		7.3	12.5	65770-99J00-000	2090		5.3	10.5	Metal	11.2	65750-98505-000
65700-963	362-000	2620	Metal	11.2	65750-98505-000	300		5.3	10.5	-	2250		7.3	12.5	Metal	13.0	65750-95500-000
65700-944	415-000	3100	Metal	13.0	65750-95500-000	300		7.3	12.5	65770-90J10-000	2600		7.3	12.5	-	-	-
65700-944	433-000	3100	Plastic	13.8	65750-94404-000	3000		7.3	12.5	-	-		-	-	-	-	-
65700-91J	23-000	2000	Plastic	6.6	65750-87J11-000	700		7.3	12.5	65770-94J00-000	1100		5.3	10.5	Metal	11.2	65750-98505-000
65700-87J	24-000	2000	Plastic	6.6	65750-87J11-000	700		7.3	12.5	65770-90J00-000	1100		7.3	12.5	Metal	13.0	65750-95500-000
65700-88L	_01-000	1280	(no socket)	-	-	(no hose)	-	-	-	65770-90J00-000	1100		7.3	12.5	Metal	13.0	65750-95500-000

# WATER SEPARATOR / FUEL FILTER



65900-98J00-000

129

 $\begin{array}{c} \mbox{Applicable Model} & \mbox{DF8A-300AP,DT9.9A-40W/} \\ & \mbox{WR/WK} \end{array}$ 

# **ELEMENT SET**



65910-98J00-000



Applicable Model  $\mbox{ DF8A-300AP, DT9.9A-40W/ }\mbox{ WR/WK}$ 

# **PROPELLER**

# What is PROPELLER

Propeller selection is very important in the performance of your boat. Acceleration, speed, fuel efficiency, stability and engine RPM all are affected by the propeller selected. Operating requirements and conditions will also affect which design, style and pitch of propeller you may choose to meet your individual needs. The boat and engine combination may have already been tested by your dealer or the boat manufacturer for the appropriate propeller size. Your Suzuki Dealer can assist you with the process to determine the correct propeller for your application.

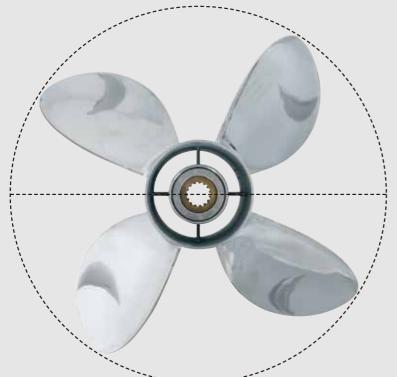
# **Stainless Steel Propellers**

Suzuki Stainless Steel Propellers offer higher performance and greater durability than aluminum propellers. The aggressive design of these propellers enhances the overall performance of your boat and the durability of the stainless steel construction will give you long term dependability. Your Suzuki Stainless Steel propeller is also fitted with a rubber cushion hub to help absorb vibration and shock should you strike a foreign object.

# **Propeller Sizing**

When referring to propeller size, such as 3 x 13 x 18, the first number is the number of blade, the second number details the diameter of the propeller and the third number is the pitch of the propeller.

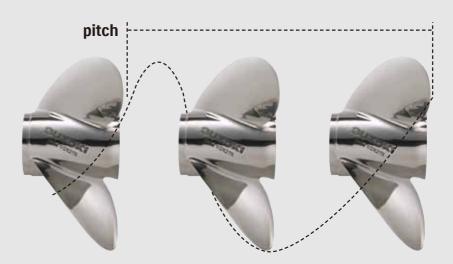
The pitch is the most significant number in the description. The diameter is usually predetermined by the propeller engineers and is based on the size and series of the engine.



# Diameter

Diameter is considered to be the distance across an imaginary circle that is made when a propeller is rotated. Diameter is determined during the engineering process of designing a propeller and is usually based on requirements to meet the needs of engine size, gear case design, horsepower and speed.





Pitch is used to describe the theoretical distance that a propeller "cork screws" through the water in inches of forward travel. In theory, an 18" pitch propeller would move ahead 18" with each complete revolution of a propeller. There is always some percentage of inefficiency as water conditions, boat weight and propeller style are introduced into the performance equation. The lower the "slip factor," the more efficiently the propeller will perform and the faster the speed at a given engine RPM. Lower pitches accelerate faster, but have a lower top end speed. Higher pitches have a slower acceleration, but may attain higher top speeds. An inch of pitch generally is equal to 150-200 engine RPM at wide open throttle (WOT). If pitch is increased by an inch, RPM will decrease by 150-200 RPM at WOT. If pitch is decreased by an inch, RPM will increase by 150-200 RPM at WOT. Always operate your boat/engine combination within the recommended RPM range guidelines as stated in your operator's manual. Operating outside the recommended range can cause severe damage to your engine and may void the engine warranty.



# **Propeller Cup**

Cup is used to reduce the slip and ventilation of the propeller. This will allow you to operate your engine at a higher transom mounting and allow you to use more trim for bow lift. The cup refers to the area along the trailing edge of the propeller blade that has an increased pitch in the last 1/2" of the blade surface and extends to the blade tip.

# Rake

Rake is described as the angle, in degrees, that the propeller blades are mounted to the "barrel" of the propeller. The blades of a zero degree rake propeller are mounted perpendicular to the "barrel" of the propeller. The blades of a higher rake propeller angle more to the rear of the propeller. A propeller with a high rake design will hold the water on the blades longer during operation and will ventilate less at higher engine heights. High rake propellers will produce higher thrust that will help lift the bow of the boat more effectively.

## HARDWARE FOR PROPELLER

Applicable Model	STOPPER	STOPPER		SH	HARDWARE KIT		Contents of F	IARDWARE KIT	
		SPACER				SPACER	WASHER	NUT	COTTER PIN
DF2.5	57635-91JL0-000	-	58120-97JA0-000	Press-In	N/A	-	-	58130-91JL0-000	09204-03003-000
DF4/5/6	57635-91JL0-000	-	58120-91JL0-000	Press-In	N/A	-	-	58130-91JL0-000	09204-03003-000
DF8A/9.9A	57632-94J00-000	-	58120-93701-000	Press-In	N/A	-	09160-12066-000	09141-12005-000	09204-02004-000
DF9.9B/15A/20A, DT9.9A/15A	57632-94J00-000	-	58120-89L00-000	Press-In	N/A	-	09160-12066-000	09141-12005-000	09204-02004-000
DF25	57632-95J00-000	-	58120-96401-000	Press-In	57630-96300-000	57633-96300-000	09160-14028-000	09141-14008-000	09204-03003-000
DT25/30	57632-91L00-000	-	58120-96401-000	Press-In	57630-96300-000	57633-96300-000	09160-14028-000	09141-14008-000	09204-03003-000
DT40	57632-92L00-000	-	58120-88L01-000	Press-In	57630-94300-000	57633-94300-000	09160-18028-000	09141-18005-000	09204-03003-000
DF40A/50A/60A	57632-95320-000	-	58120-88L01-000	Press-In	57630-94300-000	57633-94300-000	09160-18028-000	09141-18005-000	09204-03003-000
DF50AV/60AV	57635-90J01-000	-	*58105-90J00-000	Press-In	57630-94500-000	57633-90J02-000	09160-18028-000	09141-18005-000	09204-03003-000
DF70A/80A/90A	57632-87L01-000	-			57630-90J00-000	57633-90J02-000	09160-18028-000	09141-18005-000	09204-03003-000
DF100A/115A T model (Right-Hand-Rotation)	57635-90J01-000	57632-90J00-000	*58105-90J00-000	Droce In	57630-90J00-000	57633-90J02-000	09160-18028-000	09141-18005-000	09204-03003-000
DF115A Z model (Counter-Rotation)	57635-92J01-000	-	**58120-90J00-000	Press-In	57630-90J00-000	57633-90J02-000	09160-18028-000	09141-18005-000	09204-03003-000
DF140A	57635-92J01-000	-			57630-90J00-000	57633-90J02-000	09160-18028-000	09141-18005-000	09204-03003-000
DF150-300AP	57632-93L01-000	-	***58105-93J00-000 ****58105-93J10-000	Press-In	57630-92E00-000	57633-87D30-000	09160-18028-000	09141-18005-000	09204-03003-000

<sup>\*58105-90</sup>J00 is for 58100-87Lxx. 58100-90Jxx. 58200-92J4x-92J9x and 58200-92JAx-92JDx. \*\*58120-90J00 is for 58200-90J0x-90J3x and 58200-92J0x-92J3x. \*\*\*58105-93J00 is for 58200-96Jxx.

<sup>\*\*\*\*58105-93</sup>J10 is for 58200-93Jxx, 58200-93Lxx and 58300-93Jxx.

These bold letters indicate a proper part number in P34 & 35. Please refer to next pages.

# **PROPELLER**

# \*RR:Right-Hand-Rotation model, CR:Counter-Rotation model

model	type	material	blabe	diamater	pitch	rotation*	description	part number
DF2.5	A520	Aluminum	3	7 3/8	5 3/8	RR		58110-97JA0-019
DF4	C601	Aluminum	3	7 1/2	6	RR		58110-91JL0-019
DF5	C611	Aluminum	3	7 1/2	6 1/2	RR		58110-91JM0-019
DF6	C701	Aluminum	3	7 1/2	7	RR		58110-91JN0-019
DF8A	M701	Aluminum	3	9 1/4	7	RR		58100-89L00-019
DF9.9A	M821	Aluminum	3	9 1/4	8	RR	THICK	58100-90L40-019
	M901	Aluminum	3	9 1/4	9	RR		58100-89L20-019
	M911	Aluminum	3	9 1/4	9	RR	THICK	58100-90L11-019
	M1001	Aluminum	3	9 1/4	10	RR		58100-89L30-019
	M1011	Aluminum	3	9 1/4	10	RR	THICK	58100-90L21-019
	M1101	Aluminum	3	9 1/4	11	RR		58100-93743-019
DF9.9B		Aluminum	4	10	5	RR	High thrust	58100-94JA1-019
DF15A		Aluminum	3	9 1/4	7	RR		58100-89L00-019
DF20A		Aluminum	3	9 1/4	8	RR	THICK	58100-90L40-019
		Aluminum	3	9 1/4	9	RR		58100-89L20-019
DT9.9A		Aluminum	3	9 1/4	9	RR	THICK	58100-90L50-019
DT15A		Aluminum	3	9 1/4	10	RR		58100-89L30-019
		Aluminum	3	9 1/4	10	RR	THICK	58100-90L60-019
		Aluminum	3	9 1/4	11	RR		58100-89L40-019
		Aluminum	3	9 1/4	12	RR		58100-89L50-019
DF25	P911	Aluminum	3	10 1/4	9	RR	THICK	58100-96371-019
DT25	P1001	Aluminum	3	10 1/4	10	RR		58100-96411-019
DT30	P1011	Aluminum	3	10 1/4	10	RR	THICK	58100-96471-019
	P1101	Aluminum	3	10 1/4	11	RR		58100-96421-019
	P1201	Aluminum	3	10 1/4	12	RR		58100-91L20-019
	P1211	Aluminum	3	10 1/4	12	RR	THICK	58100-96481-019
	P1301	Aluminum	3	10 1/4	13	RR		58100-91L30-019
	P1311	Aluminum	3	10 1/4	13	RR	THICK	58100-96491-019
	P1401	Aluminum	3	10 1/4	14	RR		58100-95D01-019
	P1501	Aluminum	3	10 1/4	15	RR		58100-96461-019

model	type	material	blabe	diamater	pitch	rotation*	description	part number
DF40A	S900	Aluminum	3	11 1/2	9	RR		58100-88L03-019
DF50A	S1000	Aluminum	3	11 1/2	10	RR		58100-88L13-019
DF60A	S1100	Aluminum	3	11 1/2	11	RR		58100-88L23-019
DT40	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	Aluminum	3	11 1/8	16	RR		58200-88L30-000
DF50AV		Aluminum	3	14	9	RR		58100-87LG1-019
DF60AV		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
DF70A		Aluminum	3	14	13	RR		58100-87LA0-019
DF80A		Aluminum	3	13 7/8	15	RR		58100-87LB0-019
		Aluminum	3	13 3/4	17	RR		58100-87LC0-019
DF90A		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	14 1/4	18	RR		58200-90J00-000
		Stainless	3	14 1/4	20	RR		58200-90J10-000
		Stainless	3	14 1/4	22	RR		58200-90J20-000
		Stainless	3	14 1/4	24	RR		58200-90J30-000
		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

model	type	material	blabe	diamater	pitch	rotation* description	part number
DF100A		Aluminum	3	13 1/2	15	RR	58100-90JE0-019
DF115A		Aluminum	3	14	17	RR	58100-90JA0-019
DF140A		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	14 1/4	18	RR	58200-90J00-000
		Stainless	3	14 1/4	20	RR	58200-90J10-000
		Stainless	3	14 1/4	22	RR	58200-90J20-000
		Stainless	3	14 1/4	24	RR	58200-90J30-000
		Stainless	3	14 1/4	18	CR	58200-92J00-000
		Stainless	3	14 1/4	20	CR	58200-92J10-000
		Stainless	3	14 1/4	22	CR	58200-92J20-000
		Stainless	3	14 1/4	24	CR	58200-92J30-000
		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

DF150         Stainless         3         16         15         RR         58200-931.80-000           DF175         Stainless         3         16         17         RR         58200-931.00-000           DF200         Stainless         3         16         18 1/2         RR         58200-931.00-000           DF255         Stainless         3         16         20         RR         58200-931.00-000           DF250 DF250P         Stainless         3         16         21 1/2         RR         58200-931.00-000           DF300AP         Stainless         3         16         24 1/2         RR         58200-931.00-000           Stainless         3         16         24 1/2         RR         58200-931.60-000           Stainless         3         16         27 1/2         RR         58200-931.60-000           Stainless         3         16         17         CR         58200-931.60-000           Stainless         3         16         27 1/2         RR         58200-931.60-000           Stainless         3         16         21 1/2         CR         58200-931.60-000           Stainless         3         16         24 1/2         CR	model	type	material	blabe	diamater	pitch	rotation*	description	part number
DF200	DF150		Stainless	3	16	15	RR		58200-93L80-000
DF250	DF175		Stainless	3	16	17	RR		58200-93L00-000
DF250 DF250AP DF300AP         Stainless         3         16         21 1/2         RR         58200-93130-000           DF300AP DF300AP         Stainless         3         16         23         RR         58200-93150-000           Stainless         3         16         24 1/2         RR         58200-93150-000           Stainless         3         16         26 RR         58200-93170-000           Stainless         3         16         27 1/2         RR         58200-93120-000           Stainless         3         16         17 CR         58200-93140-000           Stainless         3         16         20 CR         58200-93140-000           Stainless         3         16         20 CR         58200-93140-000           Stainless         3         16         20 CR         58200-93140-000           Stainless         3         16         21 1/2         CR         58200-93140-000           Stainless         3         16         21 1/2         CR         58200-93140-000           Stainless         3         16         24 1/2         CR         58200-93140-000           Stainless         3         15 1/2         17 RR         58200-96100-000	DF200		Stainless	3	16	18 1/2	RR		58200-93L10-000
DF250AP DF300AP         Stainless         3         16         23         RR         58200-93140-000           Stainless         3         16         24 1/2         RR         58200-93150-000           Stainless         3         16         26         RR         58200-93160-000           Stainless         3         16         17         CR         58200-93140-000           Stainless         3         16         17         CR         58200-93140-000           Stainless         3         16         20         CR         58200-93140-000           Stainless         3         16         20         CR         58200-93140-000           Stainless         3         16         23         CR         58200-93140-000           Stainless         3         16         23         CR         58200-93140-000           Stainless         3         16         24 1/2         CR         58200-93140-000           Stainless         3         16         24 1/2         CR         58200-93140-000           Stainless         3         15 1/2         17         RR         58200-96100-000           Stainless         3         15 1/4         19	DF225		Stainless	3	16	20	RR		58200-93L20-000
DF300AP         Stainless         3         16         24 1/2         RR         58200-93L50-000           Stainless         3         16         26         RR         58200-93L60-000           Stainless         3         16         27 1/2         RR         58200-93L70-000           Stainless         3         16         17         CR         58200-93L80-000           Stainless         3         16         20         CR         58200-93L0-000           Stainless         3         16         21 1/2         CR         58200-93L0-000           Stainless         3         16         21 1/2         CR         58200-93L0-000           Stainless         3         16         24 1/2         CR         58200-93L0-000           Stainless         3         16         24 1/2         CR         58200-93L0-000           Stainless         3         16         24 1/2         CR         58200-93L0-000           Stainless         3         16         26         CR         58200-93L0-000           Stainless         3         15 1/2         T         RR         58200-96100-000           Stainless         3         15 1/2         T	DF250		Stainless	3	16	21 1/2	RR		58200-93L30-000
Stainless         3         16         26         RR         58200-93L60-000           Stainless         3         16         27 1/2         RR         58200-93L70-000           Stainless         3         16         17         CR         58200-93L60-000           Stainless         3         16         20         CR         58200-93L00-000           Stainless         3         16         21 1/2         CR         58200-93L00-000           Stainless         3         16         21 1/2         CR         58200-93L00-000           Stainless         3         16         24 1/2         CR         58200-93L00-000           Stainless         3         16         24 1/2         CR         58200-93L00-000           Stainless         3         16         24 1/2         CR         58200-93L00-000           Stainless         3         16         26         CR         58200-93L00-000           Stainless         3         15 1/2         17         RR         58200-96100-000           Stainless         3         15 1/2         17         RR         58200-96100-000           Stainless         3         14 1/2         25         RR <th>DF250AP</th> <th></th> <th>Stainless</th> <th>3</th> <th>16</th> <th>23</th> <th>RR</th> <th></th> <th>58200-93L40-000</th>	DF250AP		Stainless	3	16	23	RR		58200-93L40-000
Stainless         3         16         27 1/2         RR         58200-93L70-000           Stainless         3         16         17         CR         58200-93L60-000           Stainless         3         16         18 1/2         CR         58200-93L00-000           Stainless         3         16         20         CR         58200-93L00-000           Stainless         3         16         21 1/2         CR         58200-93L00-000           Stainless         3         16         23         CR         58200-93L00-000           Stainless         3         16         24 1/2         CR         58200-93L00-000           Stainless         3         16         24 1/2         CR         58200-93L00-000           Stainless         3         16         24 1/2         CR         58200-93L00-000           Stainless         3         15 1/2         17         RR         58200-96100-000           Stainless         3         15 1/4         19         RR         58200-96100-000           Stainless         3         14 1/2         25         RR         58200-96100-000           Stainless         3         14 1/2         27         R	DF300AP		Stainless	3	16	24 1/2	RR		58200-93L50-000
Stainless         3         16         17         CR         58200-93LE0-000           Stainless         3         16         18 1/2         CR         58200-93LA0-000           Stainless         3         16         20         CR         58200-93LB0-000           Stainless         3         16         21 1/2         CR         58200-93LD0-000           Stainless         3         16         23         CR         58200-93LD0-000           Stainless         3         16         24 1/2         CR         58200-93LF0-000           Stainless         3         16         26         CR         58200-93LG0-000           Stainless         3         16         26         CR         58200-93LG0-000           Stainless         3         15 1/2         17         RR         58200-93LG0-000           Stainless         3         15 1/2         17         RR         58200-96J0-000           Stainless         3         14 3/4         23         RR         58200-96J20-000           Stainless         3         14 1/2         25         RR         58200-96J20-000           Stainless         3         14 1/2         27         RR			Stainless	3	16	26	RR		58200-93L60-000
Stainless         3         16         18 1/2         CR         58200-93LA0-000           Stainless         3         16         20         CR         58200-93LB0-000           Stainless         3         16         21 1/2         CR         58200-93LC0-000           Stainless         3         16         23         CR         58200-93LD0-000           Stainless         3         16         24 1/2         CR         58200-93LG0-000           Stainless         3         16         26         CR         58200-93LG0-000           Stainless         3         15 1/2         17         RR         58200-96I00-000           Stainless         3         15 1/2         17         RR         58200-96I00-000           Stainless         3         15 1/4         19         RR         58200-96I0-000           Stainless         3         14 3/4         23         RR         58200-96I0-000           Stainless         3         14 1/2         25         RR         58200-96I0-000           Stainless         3         15 1/2         17         CR         58200-96I0-000           Stainless         3         15 1/4         19         CR <th></th> <th></th> <th>Stainless</th> <th>3</th> <th>16</th> <th>27 1/2</th> <th>RR</th> <th></th> <th>58200-93L70-000</th>			Stainless	3	16	27 1/2	RR		58200-93L70-000
Stainless         3         16         20         CR         58200-93L80-000           Stainless         3         16         21 1/2         CR         58200-93L0-000           Stainless         3         16         23         CR         58200-93L0-000           Stainless         3         16         24 1/2         CR         58200-93L60-000           Stainless         3         16         26         CR         58200-96J00-000           Stainless         3         15 1/2         17         RR         58200-96J00-000           Stainless         3         15 1/4         19         RR         58200-96J00-000           Stainless         3         15 21         RR         58200-96J00-000           Stainless         3         14 3/4         23         RR         58200-96J00-000           Stainless         3         14 1/2         25         RR         58200-96J00-000           Stainless         3         15 1/2         17         CR         58200-96J00-000           Stainless         3         15 1/2         17         CR         58200-96J00-000           Stainless         3         14 3/4         23         CR         5820			Stainless	3	16	17	CR		58200-93LE0-000
Stainless         3         16         21 1/2         CR         58200-93LC0-000           Stainless         3         16         23         CR         58200-93LD0-000           Stainless         3         16         24 1/2         CR         58200-93LF0-000           Stainless         3         16         26         CR         58200-93LG0-000           Stainless         3         15 1/2         17         RR         58200-96J00-000           Stainless         3         15 1/4         19         RR         58200-96J00-000           Stainless         3         15 1/4         19         RR         58200-96J30-000           Stainless         3         14 3/4         23         RR         58200-96J30-000           Stainless         3         14 1/2         27         RR         58200-96J40-000           Stainless         3         15 1/2         17         CR         58200-96JA0-000           Stainless         3         15 1/2         17         CR         58200-96JB0-000           Stainless         3         15 1/4         19         CR         58200-96JB0-000           Stainless         3         14 3/4         23         <			Stainless	3	16	18 1/2	CR		58200-93LA0-000
Stainless         3         16         23         CR         58200-93LD0-000           Stainless         3         16         24 1/2         CR         58200-93LF0-000           Stainless         3         16         26         CR         58200-96J00-000           Stainless         3         15 1/2         17         RR         58200-96J10-000           Stainless         3         15 1/4         19         RR         58200-96J20-000           Stainless         3         15 21         RR         58200-96J30-000           Stainless         3         14 3/4         23         RR         58200-96J30-000           Stainless         3         14 1/2         25         RR         58200-96J40-000           Stainless         3         14 1/2         27         RR         58200-96J80-000           Stainless         3         15 1/2         17         CR         58200-96J80-000           Stainless         3         15 1/4         19         CR         58200-96J80-000           Stainless         3         14 3/4         23         CR         58200-96J80-000           Stainless         3         14 1/2         25         CR <t< th=""><th></th><th></th><th>Stainless</th><th>3</th><th>16</th><th>20</th><th>CR</th><th></th><th>58200-93LB0-000</th></t<>			Stainless	3	16	20	CR		58200-93LB0-000
Stainless         3         16         24 1/2         CR         58200-93LF0-000           Stainless         3         16         26         CR         58200-93LG0-000           Stainless         3         15 1/2         17         RR         58200-96J00-000           Stainless         3         15 1/4         19         RR         58200-96J0-000           Stainless         3         14 3/4         23         RR         58200-96J30-000           Stainless         3         14 1/2         25         RR         58200-96J40-000           Stainless         3         14 1/2         27         RR         58200-96J80-000           Stainless         3         15 1/2         17         CR         58200-96J80-000           Stainless         3         15 1/4         19         CR         58200-96J80-000           Stainless         3         15 1/4         19         CR         58200-96J80-000           Stainless         3         14 3/4         23         CR         58200-96J80-000           Stainless         3         14 1/2         25         CR         58200-96J80-000           Stainless         3         14 1/2         25			Stainless	3	16	21 1/2	CR		58200-93LC0-000
Stainless         3         16         26         CR         58200-93LG0-000           Stainless         3         15 1/2         17         RR         58200-96J00-000           Stainless         3         15 1/4         19         RR         58200-96J10-000           Stainless         3         14 3/4         23         RR         58200-96J30-000           Stainless         3         14 1/2         25         RR         58200-96J40-000           Stainless         3         14 1/2         27         RR         58200-96J40-000           Stainless         3         15 1/2         17         CR         58200-96J80-000           Stainless         3         15 1/4         19         CR         58200-96J80-000           Stainless         3         15 1/4         19         CR         58200-96J80-000           Stainless         3         14 3/4         23         CR         58200-96J80-000           Stainless         3         14 1/2         25         CR         58200-96J80-000           Stainless         3         14 1/2         27         CR         58200-96J80-000           Stainless         3         14 1/2         27			Stainless	3	16	23	CR		58200-93LD0-000
Stainless         3         15 1/2         17         RR         58200-96J00-000           Stainless         3         15 1/4         19         RR         58200-96J10-000           Stainless         3         15         21         RR         58200-96J30-000           Stainless         3         14 3/4         23         RR         58200-96J30-000           Stainless         3         14 1/2         27         RR         58200-96J50-000           Stainless         3         15 1/2         17         CR         58200-96J80-000           Stainless         3         15 1/4         19         CR         58200-96J80-000           Stainless         3         15 1/4         19         CR         58200-96J80-000           Stainless         3         15 1/4         19         CR         58200-96J80-000           Stainless         3         14 3/4         23         CR         58200-96J80-000           Stainless         3         14 1/2         25         CR         58200-96J80-000           Stainless         3         14 1/2         27         CR         58200-96J80-000           Stainless         4         15 1/4         18			Stainless	3	16	24 1/2	CR		58200-93LF0-000
Stainless         3         15 1/4         19         RR         58200-96J10-000           Stainless         3         15         21         RR         58200-96J20-000           Stainless         3         14 3/4         23         RR         58200-96J30-000           Stainless         3         14 1/2         25         RR         58200-96J40-000           Stainless         3         14 1/2         27         RR         58200-96J80-000           Stainless         3         15 1/2         17         CR         58200-96J80-000           Stainless         3         15 1/4         19         CR         58200-96J80-000           Stainless         3         15 1/4         19         CR         58200-96J80-000           Stainless         3         14 3/4         23         CR         58200-96J80-000           Stainless         3         14 1/2         25         CR         58200-96J80-000           Stainless         3         14 1/2         25         CR         58200-96J80-000           Stainless         4         15 1/4         18         RR         58200-96J80-000           Stainless         4         15 1/4         20			Stainless	3	16	26	CR		58200-93LG0-000
Stainless         3         15         21         RR         58200-96J20-000           Stainless         3         14 3/4         23         RR         58200-96J30-000           Stainless         3         14 1/2         25         RR         58200-96J40-000           Stainless         3         14 1/2         27         RR         58200-96J60-000           Stainless         3         15 1/2         17         CR         58200-96J80-000           Stainless         3         15 1/4         19         CR         58200-96J80-000           Stainless         3         15 1/4         19         CR         58200-96J80-000           Stainless         3         14 3/4         23         CR         58200-96J80-000           Stainless         3         14 1/2         25         CR         58200-96J80-000           Stainless         3         14 1/2         25         CR         58200-96J80-000           Stainless         3         14 1/2         27         CR         58200-96J80-000           Stainless         4         15 1/4         18         RR         58300-93J00-000           Stainless         4         15 1/4         20			Stainless	3	15 1/2	17	RR		58200-96J00-000
Stainless         3         14 3/4         23         RR         58200-96J30-000           Stainless         3         14 1/2         25         RR         58200-96J40-000           Stainless         3         14 1/2         27         RR         58200-96J50-000           Stainless         3         15 1/2         17         CR         58200-96JA0-000           Stainless         3         15 1/4         19         CR         58200-96JB0-000           Stainless         3         15 21         CR         58200-96JC0-000           Stainless         3         14 1/2         23         CR         58200-96JD0-000           Stainless         3         14 1/2         25         CR         58200-96JF0-000           Stainless         3         14 1/2         27         CR         58200-96JF0-000           Stainless         4         15 1/4         18         RR         58300-93J0-000           Stainless         4         15 1/4         20         RR         58300-93J20-000           Stainless         4         15 1/4         24         RR         58300-93JA0-000           Stainless         4         15 1/4         20         CR			Stainless	3	15 1/4	19	RR		58200-96J10-000
Stainless         3         14 1/2         25         RR         58200-96J40-000           Stainless         3         14 1/2         27         RR         58200-96J50-000           Stainless         3         15 1/2         17         CR         58200-96JR0-000           Stainless         3         15 1/4         19         CR         58200-96JB0-000           Stainless         3         14 3/4         23         CR         58200-96JB0-000           Stainless         3         14 1/2         25         CR         58200-96JE0-000           Stainless         3         14 1/2         27         CR         58200-96JE0-000           Stainless         4         15 1/4         18         RR         58300-96JF0-000           Stainless         4         15 1/4         20         RR         58300-93J0-000           Stainless         4         15 1/4         20         RR         58300-93J20-000           Stainless         4         15 1/4         24         RR         58300-93JA0-000           Stainless         4         15 1/4         20         CR         58300-93JA0-000           Stainless         4         15 1/4         22			Stainless	3	15	21	RR		58200-96J20-000
Stainless         3         14 1/2         27         RR         58200-96J50-000           Stainless         3         15 1/2         17         CR         58200-96JA0-000           Stainless         3         15 1/4         19         CR         58200-96JB0-000           Stainless         3         15         21         CR         58200-96JC0-000           Stainless         3         14 3/4         23         CR         58200-96JD0-000           Stainless         3         14 1/2         25         CR         58200-96JF0-000           Stainless         3         14 1/2         27         CR         58200-96JF0-000           Stainless         4         15 1/4         18         RR         58300-93J00-000           Stainless         4         15 1/4         20         RR         58300-93J20-000           Stainless         4         15 1/4         24         RR         58300-93JA0-000           Stainless         4         15 1/4         20         CR         58300-93JA0-000           Stainless         4         15 1/4         22         CR         58300-93JA0-000           Stainless         4         15 1/4         22			Stainless	3	14 3/4	23	RR		58200-96J30-000
Stainless         3         15 1/2         17         CR         58200-96JA0-000           Stainless         3         15 1/4         19         CR         58200-96JB0-000           Stainless         3         15         21         CR         58200-96JC0-000           Stainless         3         14 3/4         23         CR         58200-96JD0-000           Stainless         3         14 1/2         25         CR         58200-96JF0-000           Stainless         3         14 1/2         27         CR         58200-96JF0-000           Stainless         4         15 1/4         18         RR         58300-93J00-000           Stainless         4         15 1/4         20         RR         58300-93J10-000           Stainless         4         15 1/4         24         RR         58300-93J30-000           Stainless         4         15 1/4         26         RR         58300-93JA0-000           Stainless         4         15 1/4         20         CR         58300-93JA0-000           Stainless         4         15 1/4         22         CR         58300-93JB0-000           Stainless         4         15 1/4         22			Stainless	3	14 1/2	25	RR		58200-96J40-000
Stainless         3         15 1/4         19         CR         58200-96JB0-000           Stainless         3         15         21         CR         58200-96JC0-000           Stainless         3         14 3/4         23         CR         58200-96JD0-000           Stainless         3         14 1/2         25         CR         58200-96JE0-000           Stainless         3         14 1/2         27         CR         58200-96JF0-000           Stainless         4         15 1/4         18         RR         58300-93J00-000           Stainless         4         15 1/4         20         RR         58300-93J10-000           Stainless         4         15 1/4         24         RR         58300-93J30-000           Stainless         4         15 1/4         26         RR         58300-93JA0-000           Stainless         4         15 1/4         20         CR         58300-93JA0-000           Stainless         4         15 1/4         22         CR         58300-93JB0-000           Stainless         4         15 1/4         22         CR         58300-93JB0-000			Stainless	3	14 1/2	27	RR		58200-96J50-000
Stainless         3         15         21         CR         58200-96JC0-000           Stainless         3         14 3/4         23         CR         58200-96JD0-000           Stainless         3         14 1/2         25         CR         58200-96JE0-000           Stainless         3         14 1/2         27         CR         58200-96JF0-000           Stainless         4         15 1/4         18         RR         58300-93J00-000           Stainless         4         15 1/4         20         RR         58300-93J10-000           Stainless         4         15 1/4         22         RR         58300-93J30-000           Stainless         4         15 1/4         26         RR         58300-93J40-000           Stainless         4         15 1/4         20         CR         58300-93JA0-000           Stainless         4         15 1/4         22         CR         58300-93JB0-000           Stainless         4         15 1/4         22         CR         58300-93JB0-000			Stainless	3	15 1/2	17	CR		58200-96JA0-000
Stainless         3         14 3/4         23         CR         58200-96JD0-000           Stainless         3         14 1/2         25         CR         58200-96JF0-000           Stainless         3         14 1/2         27         CR         58200-96JF0-000           Stainless         4         15 1/4         18         RR         58300-93J00-000           Stainless         4         15 1/4         20         RR         58300-93J10-000           Stainless         4         15 1/4         22         RR         58300-93J20-000           Stainless         4         15 1/4         24         RR         58300-93J40-000           Stainless         4         15 1/4         20         CR         58300-93JA0-000           Stainless         4         15 1/4         22         CR         58300-93JB0-000           Stainless         4         15 1/4         22         CR         58300-93JB0-000           Stainless         4         15 1/4         24         CR         58300-93JC0-000			Stainless	3	15 1/4	19	CR		58200-96JB0-000
Stainless         3         14 1/2         25         CR         58200-96JE0-000           Stainless         3         14 1/2         27         CR         58200-96JF0-000           Stainless         4         15 1/4         18         RR         58300-93J00-000           Stainless         4         15 1/4         20         RR         58300-93J10-000           Stainless         4         15 1/4         22         RR         58300-93J20-000           Stainless         4         15 1/4         24         RR         58300-93J40-000           Stainless         4         15 1/4         20         CR         58300-93JA0-000           Stainless         4         15 1/4         22         CR         58300-93JB0-000           Stainless         4         15 1/4         22         CR         58300-93JB0-000           Stainless         4         15 1/4         24         CR         58300-93JC0-000			Stainless	3	15	21	CR		58200-96JC0-000
Stainless         3         14 1/2         27         CR         58200-96JF0-000           Stainless         4         15 1/4         18         RR         58300-93J00-000           Stainless         4         15 1/4         20         RR         58300-93J10-000           Stainless         4         15 1/4         22         RR         58300-93J20-000           Stainless         4         15 1/4         24         RR         58300-93J30-000           Stainless         4         15 1/4         26         RR         58300-93JA0-000           Stainless         4         15 1/4         20         CR         58300-93JA0-000           Stainless         4         15 1/4         22         CR         58300-93JB0-000           Stainless         4         15 1/4         24         CR         58300-93JC0-000			Stainless	3	14 3/4	23	CR		58200-96JD0-000
Stainless         4         15 1/4         18         RR         58300-93J00-000           Stainless         4         15 1/4         20         RR         58300-93J10-000           Stainless         4         15 1/4         22         RR         58300-93J20-000           Stainless         4         15 1/4         24         RR         58300-93J30-000           Stainless         4         15 1/4         26         RR         58300-93J40-000           Stainless         4         15 1/4         20         CR         58300-93JA0-000           Stainless         4         15 1/4         22         CR         58300-93JB0-000           Stainless         4         15 1/4         24         CR         58300-93JC0-000			Stainless	3	14 1/2	25	CR		58200-96JE0-000
Stainless         4         15 1/4         20         RR         58300-93J10-000           Stainless         4         15 1/4         22         RR         58300-93J20-000           Stainless         4         15 1/4         24         RR         58300-93J30-000           Stainless         4         15 1/4         26         RR         58300-93J40-000           Stainless         4         15 1/4         20         CR         58300-93JA0-000           Stainless         4         15 1/4         22         CR         58300-93JB0-000           Stainless         4         15 1/4         24         CR         58300-93JC0-000			Stainless	3	14 1/2	27	CR		58200-96JF0-000
Stainless         4         15 1/4         22         RR         58300-93J20-000           Stainless         4         15 1/4         24         RR         58300-93J30-000           Stainless         4         15 1/4         26         RR         58300-93J40-000           Stainless         4         15 1/4         20         CR         58300-93JA0-000           Stainless         4         15 1/4         22         CR         58300-93JB0-000           Stainless         4         15 1/4         24         CR         58300-93JC0-000			Stainless	4	15 1/4	18	RR		58300-93J00-000
Stainless         4         15 1/4         24         RR         58300-93J30-000           Stainless         4         15 1/4         26         RR         58300-93J40-000           Stainless         4         15 1/4         20         CR         58300-93JA0-000           Stainless         4         15 1/4         22         CR         58300-93JB0-000           Stainless         4         15 1/4         24         CR         58300-93JC0-000			Stainless	4	15 1/4	20	RR		58300-93J10-000
Stainless         4         15 1/4         26         RR         58300-93J40-000           Stainless         4         15 1/4         20         CR         58300-93JA0-000           Stainless         4         15 1/4         22         CR         58300-93JB0-000           Stainless         4         15 1/4         24         CR         58300-93JC0-000			Stainless	4	15 1/4	22	RR		58300-93J20-000
Stainless         4         15 1/4         20         CR         58300-93JA0-000           Stainless         4         15 1/4         22         CR         58300-93JB0-000           Stainless         4         15 1/4         24         CR         58300-93JC0-000			Stainless	4	15 1/4	24	RR		58300-93J30-000
Stainless         4         15 1/4         22         CR         58300-93JB0-000           Stainless         4         15 1/4         24         CR         58300-93JC0-000			Stainless	4	15 1/4	26	RR		58300-93J40-000
Stainless 4 15 1/4 24 CR 58300-93JC0-000			Stainless	4	15 1/4	20	CR		58300-93JA0-000
			Stainless	4	15 1/4	22	CR		58300-93JB0-000
Stainless 4 15 1/4 26 CR 58300-93JD0-000			Stainless	4	15 1/4	24	CR		58300-93JC0-000
			Stainless	4	15 1/4	26	CR		58300-93JD0-000

# **CARE & MAINTENANCE ITEM**

# **ENGINE COVER**



68110-89L00-000

Applicable Model DF8A-20A, DT9.9A-15A

# 68110-88L00-000

Applicable Model DF25/40A-60A, DT25/30

68110-87L00-000

Applicable Model DF70A-140A, DT40

68110-96J00-000

Applicable Model DF150T/Z-250T/Z

68110-98J00-000 135 Applicable Model DF250AP/300AP



68110-96110-000

Applicable Model DF4-20A

# **FLUSH-HOSE ATTACHMENT**



55181-95200-000 <sup>13</sup>

Applicable Model DF4-6/40A-60A, DT25K/30/40W



Applicable Model DF8A-300A

# 2-CYCLE MOTOR OIL



99000-21B40-016 135

CCI OIL. Metal can with a cap & nozzle



99000-21740-006

CCIS SUPER OIL. Metal can with a cap & nozzle.





99000-25011-000

SUPER GREASE-A

450 grams (15.8 oz) for Crank oil seal



99000-25350-000

68110-94400-000

68110-94510-000

Applicable Model DF40A-60A

Applicable Model DF25

WATER RESISTANT GREASE EP2 250 grams (8.8 oz)



99000-25140-000

MOLY PASTE

50 grams (1.7 oz)

## **GEAR OIL**



99000-22B22-000

HYPOID GEAR OIL SAE90 API GL-5

# **PTT FLUID**



99000-22810-000

Metal can with a cap

1 liter

# **PAINT**



99000-10109-01T

Francois white 90 grams (3.0 oz)

99000-10109-0EP

Metallic shadow black 90 grams (3.0 oz)

## LIOUID GASKET



93691-80030-000

SILICONE SEAL KE45T 100 grams



99000-31140-000

1207B (BLACK) 100 grams (3.4 oz)

## THREAD LOCK

99000-32020-000

1333B (RED)

50 grams (1.7 oz)

# **NEW SUZUKI APPROVED GENUINE OIL**

- Specialty designed oil for SUZUKI 2&4 stroke outboard motor.
- High quality 2stroke motor oil provide proper viscosity to be stability when temperature change and keep excellent oxidation.
- This 4 stroke outboard oil is formulated with special additives and high quality base oil.
- Outstanding performance for wear protection, viscosity stability, low volatility and excellent rust protection and corrosion.
- \*Availability may differ in some regions. Please contact Thai Suzuki Motor Co, Ltd. for more information and making an order.



2-STROKE ENGINE OIL "ULTIMATE"

Mineral, 1 liter, TCW-3





2-STROKE ENGINE OIL "PREMIUM"

Mineral, 1 liter, Equivalent to TCW-3

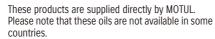


4-STROKE ENGINE OIL "PREMIUM"



SAE 10W-40, Mineral, SJ, Equivalent to FCW 1 liter and 5 liter Bottles are available

# SUZUKI APPROVED GENUINE OIL by MOTUL

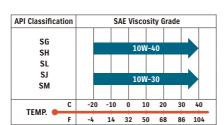


Please contact with local distributor of MOTUL.

Suzuki and MOTUL have been in partnership in MotoGP since 1988.

Extending this trusted relationship led to the development of new Suzuki Marine Oils.

These ranges of oils have excellent oxidation stability and provide outstanding rust protection under severe operating conditions.









4-STROKE ENGINE OIL
SAE 10W-40 Semi-Synthetic

5 litre FCW



GEAR OIL

SAE 90, API GL-5 0.35 litre

99000-32160-000

1342 (BLUE) 50 grams (1.7 oz)

# **APPLICATION CHART**

	DESOUAD	DESCAD		DF250			DF223	DF200		DF200AP	DE200A	7007		DE175A				DE150	) ) 1		4071	DL140A		DF115A		DF100A	80010	Draua	DF80A	DEZOA		4 6 1	DF6UA
ITEM Pag	C DESOUVE	DESCAP	DF250ST	DF250T	DF250Z	DF225T	DF225Z	DF200T	DF200Z	DF200AP	DF200AT	DF200AZ	DF175TG	DF175ZG	DF175T	DF175Z	DF150AS	DF150TG DF1507G	DF150T	DF150Z	DF140AT	DF140AZ	DF115AS	DF115AT	DF115AZ	DF100AT	DF90AT	DF90ATH	DF80AT	DF70AT	DF 70ATH	DF60AT	DF60AIH DF60AQH
NEW MULTI FUNCTION GAUGE P.06			) C		0	0	0	0	0	0	0	0	0	0	0	0	0	$\circ$		0	0	0	0	0	0	0	0	0	0	0	0	0	0 0
KEYLESS START SYSTEM P.07										0																							
SUZUKI MODULAR INSTRUMENT SYSTEM P.08-	13 (		_		_				0		0		0	0	0			O C		_	_	0	0	0		0		0	0	_		0	
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<b>ELECTRONIC THROTTLE AND SHIFT SYSTEM</b> P.16-																																	
ELECTRONIC REMOTE CONTROL KIT P.16-			)							0				0				O C															
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MECHANICAL REMOTE CONTROL SYSTEM P.20-	23	Т																													П		
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REMOTE-CONTROL ATTACHING KIT P.23																																	
STEERING P.24-	25	Т																											П				
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DUAL-ENGINE TIE-BAR P.25			С		0	0	0	0	0	0	0	0	0	0	0	0	0	$\circ$		0	0	0	0	0	0	0							
STEERING EXTENSION KIT P.25			C		0	0	0	0	0	O	0	0	0	0	0	0	0	OC		0	Ō	0	0	0	0	0							
STEERING -BRACKET ATTACHIMENT P.25																												0			0	(	
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ELECTRICAL PARTS P.28																																	
COUNTER SELECT CONNECTOR P.28			)							$\circ$																							
BATTERY ISOLATOR LEAD SET P.28			)								$\circ$	0	0	0	0	0	O	olc	0	0													
ELECTRIC STARTER KIT (ONLY FOR MZ type) P.28																																	
BATTERY CHARGING KIT (ONLY FOR MZ type) P.28																																	
RECTIFIER SET (ONLY FOR MZ type) P.28																																	
RECEPTACLE KIT (ONLY FOR MZ type) P.28																																	
ANODE P.29					0	0	0	0	O I	o	O	0	O	0	O	0	O	O C		0	0	0	0	O	0	0	0	0	0	0	0	0	
FUEL SYSTEM P.29-	31		) C	0	0	0	0	0	0	O	0	0	0	0	0	0	0	OC		0	0	0	0	0	0	0	0	0	0	0	0	0	OC

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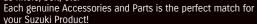
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