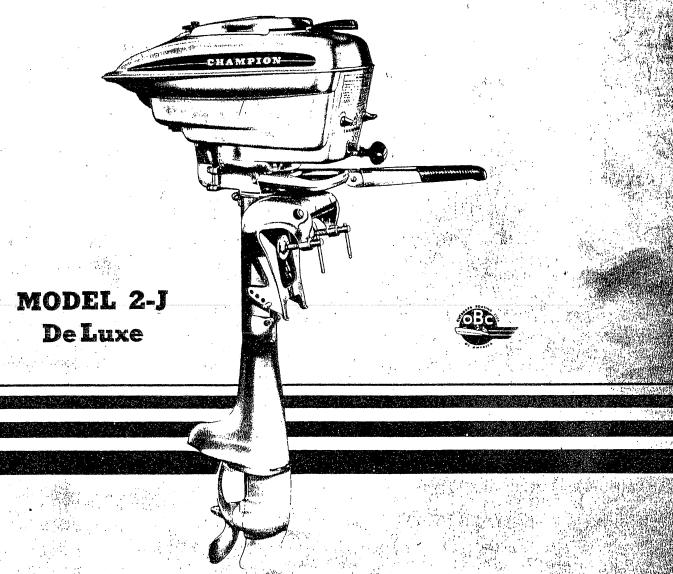
CHAMPION



OPERATING INSTRUCTIONS

a n d

REPLACEMENT PARTS
SWANSON OUTBOARD SERVICE, CO., Inc.

5215 LAKELAND AVENUE NORTH
PHONE 533—2488
MINNEAPOLIS, MINNESOTA

CHAMPION OUTBOARD MOTOR

MODEL 2-J

OPERATING INSTRUCTIONS

- 1. Open gas tank shut-off. Open gas cap vent screw about three turns.
- 2. Open high speed adjustment valve $1\frac{1}{4}$ turns when motor is cold.
- 3. Set control arm to the START position marked on gas tank.
- 4. Push down on CHOKE lever and hold down while pulling starter cord.
- 5. After motor starts, move magneto lever to the right for high speed; close high speed adjustment valve until motor runs smoothly.
- 6. Should motor slow down after starting, choke quickly once or twice.
- 7. To stop motor, move magneto lever to the left or STOP position.

BREAK-IN INSTRUCTIONS

For the first 10 hours of operation the motor should be run not faster than 3/4 throttle or at Start position. We recommend the use of 1 pint of S.A.E. 30 non-detergent oil to each gallon of gasoline during the break-in period.

LUBRICATION INSTRUCTIONS

The most important factor in the operation of any internal combustion engine is proper lubrication. Properly lubricate your motor and you will enjoy many years of highly satisfactory service. Improper lubrication can result in nothing but premature wear and unnecessary expense.

Your new Champion motor is a two cycle engine and lubrication of the piston, cylinder, connecting rod, and crank shaft bearings is supplied by oil mixed with gasoline. The proportions of this mixture are very important. Also, the grades of gasoline and oil are equally important.

Clear gasoline or oil should never be poured into the gas tank. Thorough mixing should be done in a separate clean container.

LUBRICANT RECOMMENDED

We recommend the use of any high grade S.A.E. 30 non-detergent oil which will mix readily with gasoline. Mix this oil with any regular grade of gasoline, using $\frac{3}{4}$ pint of oil to one gallon of gasoline for normal operation after break-in period.

AFTER STARTING MOTOR

Since you have set the main needle valve, you need pay no more attention to it. To regulate your speed, move the magneto lever to the right for increasing speed or to the left for decreasing speed. The magneto lever is synchronized with the carburetor throttle giving the motor single lever control.

GREASING LOWER UNIT

Outside of lubrication in the form of motor oil in the gasoline, there is one more important lubrication requirement which must be attended to, that is to keep the lower unit gear-housing filled with any high grade outboard gear lubricant. You should inspect the lower unit at least once every month, and more often in the event the motor is in constant use.

To fill the lower unit with grease, remove the aluminum grease plug, Part IJ2, located in the bottom of the lower unit cap, then remove the air vent screw located near the top of the cap. (Part IJ1700). Fill the gear housing with the lubricant to full capacity. Replace grease plug screw and air vent screw.

Outboard gear lubricant is usually supplied in handy tube form which fits the grease opening and allows quick filling with no waste.

For long gear life, be sure to follow the above directions.

PROPELLER SHEAR PIN

This soft "safety pin" shears off when you strike an obstruction at full speed, thus protecting the gears, shafts, and other mechanism of your motor from damage. When this happens shut your motor off immediately. To replace shear pin, remove the cotter-pin in the propeller nut and remove nut. Slip off the propeller and replace the broken pin with a new one. Make sure to replace nut and cotter pin. The nut should be drawn up until the propeller fits snug against the shear pin.

SALT WATER INSTRUCTIONS

You will extend the life and performance of your motor when used in salt water by flushing fresh water through the motor after use in salt water. This may be done by running the motor in a barrel of fresh water or by forcing water through the outlet water line with a hose.

COLD WEATHER MOTOR CARE

To prevent your motor from freezing in coldweather, the following precaution should be observed. When your motor is idle or before storing for the cold weather period, drain it by placing it in an upright position. Remove aluminum grease plug and vent screw in bottom of lower unit gear case and drain any water and old grease that has accumulated, then repack with fresh grease. If motor is to be stored, remove spark plug and pour 2 ounces of oil into the cylinder. Then revolve flywheel a few times to distribute the oil within the motor.

SERVICE INSTRUCTIONS

CARBURETOR ADJUSTMENTS:

- 1. Close idle adjustment screw all the way in until it is snug (do not force needle against seat). Then open idle screw $\frac{1}{2}$ turn.
- 2. Close high speed adjustment screw. The knob should register 0. Then open 11/4 turns.
- 3. Start motor and move stator plate control handle to position marked "Fast" on gas tank.
- 4. Close the high speed adjustment screw, until the motor begins to slow down from lack of gas. Then open high speed adjustment screw approximately one number on the dial or until motor picks up speed and runs smoothly.
- 5. Move stator plate control lever to position marked "Slow" on gas tank. The motor should now idle slowly. However, atmospheric changes and fuel mixtures may require opening or closing the idle adjustment screw slightly.

MAGNETO ADJUSTMENTS:

Ordinarily these magnetos will operate over extremely long periods of time without the need for adjustment or repair. However, if engine operating difficulties are experienced which appear to be caused by the ignition system, the magneto output can be checked to determine whether this unit is functioning properly.

Disengage the high-tension cables from the spark plugs. Hold the cable by its insulation in such a position that the metal terminal is about 16-inch from some grounded part of the engine. While holding the wire in this position, spin the engine over at normal cranking speed. If the magneto sparks this gap the trouble is not in the magneto.

Should the magneto fail to spark, inspect the contact breaker. If the contact points are dirty they can be cleaned with a little clear gasoline. Make sure no particles of lint are left between the point surfaces if a brush or cloth is used. If the points are severely burned install a complete new contact breaker assembly.

When fully open, there should be eighteen thousandths (.018") of an inch between the point surfaces. This can be checked with a feeler gage. If the contacts do not open the proper distance, loosen the screws which

hold the contact breaker, and shift the assembly slightly so as to obtain the correct clearance of .018" between the point surfaces. If there still is no spark the coil or condenser may be defective. Any service station will correct the situation.

After each 100 hours of operation apply four (4) drops of a good grade S.A.E. No. 60 oil to the cam oiler felt. Blot off any excess oil with a clean cloth.

SPARK PLUG ADJUSTMENTS:

The spark plug should be kept clean and the point gap set at .030 inch. If the points are too badly corroded or burned away from long use, the plug should be replaced.

CARBURETOR DRAIN

There is a carburetor drain screw at bottom of control panel for the purpose of draining any water or dirt which may have accumulated in the carburetor bowl.

If gas does not flow freely, check gas tank screen.

OUTSIDE REPAIR CHARGES

You have received with this motor a warranty covering workmanship and materials. We will not be responsible for work performed and time spent by other than the manufacturer of Champion Motors, unless such repairs are first authorized by us in writing.

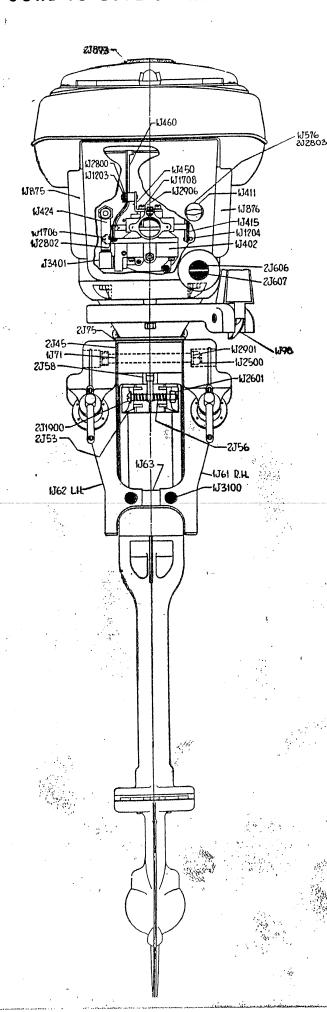
WARNING!

Never raise lower unit above level of power head without first allowing water to drain from under-water exhaust housing.

Always store motor in an upright position.

Do not use so-called outboard motor gasoline or stove gas.

Best results are obtained with regular gasoline.



CHAMPION

MODEL 2J SPECIFICATIONS

Model—2-J DeLuxe Single.

Horsepower—4.2 at 4300 R.P.M., O.B.C. Certified.

No. Cylinders—1.

Bore and Stroke-21/6"x134".

Piston Displacement-5.84 cu. in.

Valves-Dual rotary valve, 2 port.

Carburetor-Dual jet concentric bowl type.

Ignition—Scintilla Magneto Alnico Rotor

Controls-Synchronous.

Gear Ratio-14-24.

Propeller-2 blade 8x51/2.

Cooling System—Centrifugal Pump.

Gas Tank Capacity—5 qts.

Speed Range (depending upon boats used)—
Approx. 1 to 10 m.p.h.

Automatic Co-skipper Steering—Yes.

PLEASE NOTE!

The Champion Motors Company reserves the right to change motor specifications contained herein without notice. Any parts contained in your motor that are different from those listed in this parts book were changed either to improve your Champion or were necessary due to material substitutions.

2-J PARTS LIST

Part No.	Part Name	No. Reg'd	Part No.	Part Name	No. Req'd
		•	0.400	Din I aman Marata I	ima 1
1 J2	Grease Plug		-	Discharge Water I Water Line Fitting	
1J3	Front Propeller Sh	_	2J86	Driveshaft Seal	
1J4	Rear Propeller Sha		2,189	Control Panel	
1J5	Gear Lock Screw		2J90	Driveshaft Seal Wa	
1 J 6	Propeller Nut		2J91	Carrying Handle.	
1 J7	Propeller Shaft Th	rust Collar 1	2J93	Steering Handle G	
1 j 8	Propeller		1J94	Steering Handle	1
1 J 9	Shear Pin		1,195	Steering Handle B	olt 1
1 J 11	Gear Lock Screw		1 J96 1 J98	Steering Handle Fr	
1J12			2J104	Expansion Chamb	
	Propeller Shaft Drive Gear	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2J104 2J105	Pivot Base Gasket	
1J13			· ·	Expansion Chamb	
1]14			2J106	Gasket	
1J15	Lower Unit Cap C	adsket	1 7107	Expansion Chamb	
1J16	Grease Plug Gash		1J107	Carburetor Studs.	
1317	Vent Screw Gaske	∋t	1 J208 2 J210	Crankcase	
1J18	Pinion Gear Bear	ing 1	1J211	Crankcase Gasket	
1 J2 1		Bearing 1	27216N	S Crankshaft Seal.	
2J30 ·	Driveshaft Assemb		2J210N 2J217	Flat Spacer Wash	er: l
∜1 J39 —	Upper Pump Hou		2J217 2J218	Seal Retainer Ring	
2J40	Tilting Bracket As		1J219	Water Passage Ba	
1K40		sing Assembly 1	1J220	Cylinder Block an	
1K41		all was been been been been been	1J223	Cylinder Base Ga	
1J42	Driveshaft Housin	$\mathbf{g}_{ij,k_1j_1j_2,k_3,\ldots,k_n}$, $\frac{1}{2}$, \mathbb{R}_{ij}	1J224	Cylinder Head G	
2J44	Tilting Bracket		1J225	Cylinder Head.	
2J45	Tilting Bracket Sp	pacer.	2J226	Crankshaft Seal V	
2J47	Tilting Bracket Sp	oring and the state of	1,1227	``	
, 1,J50	Boat Bracket Tilti	ng Pin	1 J228	Cylinder Head St	
2J51	Reverse Lock Cat	ch rivet A	1 J229	Cylinder Head St	pport Screw
2J52	Reverse Lock Car	ch. 17. 12. 17. 17. 17. 17. 17. 17. 17. 17. 17. 17	1		2
2J53		asting	2J230	Crankshaft	1
2J56		per Europe Andrew 21	1 J 2 4 3	Connecting Rod (Cap Screw 2
2J58	Boat Bracket Sub	Margan bly	1 1 1 2 4 7	Piston Ring	2
1 160	Boat Bracket Sub	J62, 1J63, 1J3100)	1J249	Wrist Pin Lock.	Santaga d 2
20 TO 1	Boat Bracket-Riv	ght Hand1	1J250	Piston and Wrist	Pin
11e1	Boat Bracket—Le	off Hand 1	1J401	Carburetor Gaske	et 1
1162	Boat Bracket Spa	cer Strap	1J402	Carburetor	1
£)63	Boat Bracket Cla	mp Screw Pad. 2	1J409	High Speedd Aju	stment Knob
1,168	Boat Bracket Cla	mp Screw 2		With Clip	$oldsymbol{1}_{i,j}$, which is $oldsymbol{1}_{i,j}$
1.170	Tilling Bracket Fr	riction Washer. 2	1 1 1 4 1 0	Choke Lever	
	Pivot Base Wash	er 1	1]411	Choke & Shut-Off	Knob with Clip 2
- 2J725	Direct Race		1J415	Choke Lever Lin	k) 2
278 0	Drivenhalt Seal S	Snap Ring. 1	1J421	Gas Line	
2]82	Intake Water Lin	e1	1J422	Gas Line Elbow	and Screen l
2,184			1		; ;

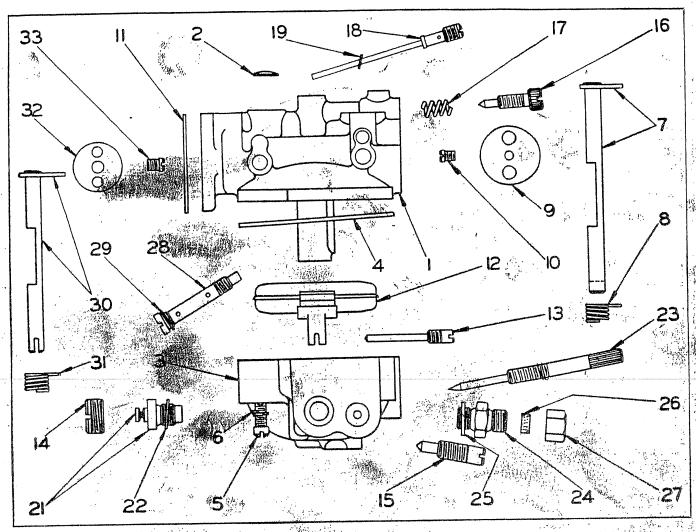
BESURE TO GIVE SERIAL NUMBER OF MOTOR WHEN ORDERING PARTS - IJ520 IJI202 -1J1602 W229--1J3200 -1J310 2390 111003 TW1210/ **1J330**0 **4J250** -2J605 -2J607 -2J606 1J2903-1J1701-2J104--201600 21601 20620 **W**95 \W94 102903 2J1705 W107-111703 2J1900 W68 1J1300 2080 -1061 R.H. W36 4J1001-2J85 1J2900-1J1701-W21 1J1700 4118 1015 W1200

Part No.	No. Part Name. Req'd	Part No.	Part Name Reg'd
No.	A GAT ATTICIONES		
1J424	Gas Line Shut-Off Valve 1	1J1003	
1J450	Synchronous Control Bracket 1	1J1100	Connecting Rod Needle Bearing 32
1J456	Synchronous Control Adjust-		
•	ment Lever 1		Propeller Nut Cotter Pin
1J457	Synchronous Control Cam1	1J1201	
1J458	Synchronous Control Cam		Flywheel Key
	Spacer2	1J1203	
1 J460	Synchronous Control Arm 1	1 71 204	Spring Cotter
1J501	Magneto	1J1204	France 4 control of the control of t
1J505	Magneto Key1	2J1209	COVER PLATE RIV-NUT
1,506	Magneto Washer1		Choke Lever Hinge Pin Clip 4
1J512	Stator Plate Control Handle 1		Boat Bracket Clamp Pad Screw. 2
1J520	Flywheel		Starting Plate Screw
2J551	Starting Plate		Handle Rope Lock Screw 1
1J573	Gas Cap Vent Screw 1		Stator Plate Control Screw2
1J574	Gas Cap Vent Screw Washer		Front Shroud Screw 2
1J575	Gas Cap Baffle Washer1	1,11700	Lower Unit Vent Screw
1J576	Gas Cap Baffle Spring 1	1 71 701	Cylinder Head Seal Screw 2
000	Choke Lever Spring 1	131701	Lower Unit Cap Screw 4 Expansion Chamber Screw 7
1J577	Gas Cap Swivel 1	1 71 700	Upper Lower Unit Screw 4
1J578	Gas Cap Safety Spring Hook 1		Tilting Bracket Clamp Screw
1J579	Gas Cap Gasket 1 Gas Cap Assembly 1		Expansion Chamber Screw
1J580	Gas Cap Assembly		(Long) 1
2J600	STARTER ASSEMBLY COMPLETE	171706	Synchronous Control Swivel
2J601 🏄	REAR STARTER SPACER	131200	Screw
2J604 2J605	第READY: PUBLE: HANDLE	1 71700	Synchronous Control Bracket
2J606	HANDLE ROPE LOCK (RH)1	131100	Screw
2J607 2J610N	TARTER CABLE :	271900	Co-Pilot Clamp Lock Screw
2K611	STARTER RECOIL SERING SCREW1		Carrying Handle Bolt 3
2.3613	SETABLER RECOIL SPRING		Starter Spacer Bolt 4
2.1614	CABLE AND SPRING ANCHOR SCREW		Gas Tank Screw 4
2.J620	STARTER SPOOL STARTER RATCHET ENGAGE SPRING 1		Driveshaff Housing Clamp
2J626	EANDTER WOODER LOCK NUT TO BE WANTED	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Screw
2J629	STARTER ANCHOR LOCK WASHER	1 12201	Crankcase Screw. USE 4K2007 8
2J630 2J652	READY BULL HANDLE	1 12202	2 Cylinder Head Support Screw 2
	Charles Comments	1 12400	Tilling Bracket Friction Bolt
1 J875	Left Shroud	1,1240	
1J876	Right Shroud	120	Control Panel Anchor Screw 2
-	Spark Plug Cover Plate		Gas Tank Cover Plate Screw 4
1J877	THE TOTAL CONTROL OF THE PROPERTY OF THE PROPE		Control Panel—Motor Base
2J890	[4] 15 [1] 11 [1] 12 [1] 12 [1] 12 [1] 12 [1] 12 [1] 13 [1] 13 [1] 14 [1] 15 [Spacer Screw 4
2,1893			一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个
1,1901		1 J240	
1,1911	Blue Ribbon Seal of Quality	1 J240	Top Shroud Screw 4
	Transfer	日福港日報	Control Panel Screw 2
	Propeller Shaft Grease Seal	1 J250	O: Tilting Bracket Friction Bolt Nut. 1
~1J1001	Water Line Grommet 2	1 2J250	1 Starter Recoil Spring Anchor
	"我们们的最大,我们多名的是"在这种"的"我们就是这样的。 "这个一个是是这个特别是是最级的最后,我们是是多多	At 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N. C. A.

BE SURE TO GIVE SERIAL NUMBER OF MOTOR WHEN @RDERING PARTS

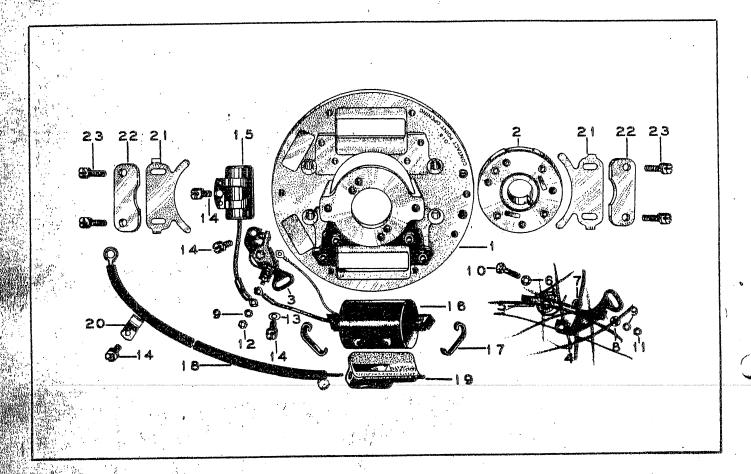
Part No.	Part Name	Pari No.	Part Name
1 J2502 1 J26 01	Flywheel Nut	1 J99 0-3	Propeller Shaft Assembly
132001	Co-Pilot Clamp Screw Nut 1	2J990-6	Lower Unit Assembly
1J2602	Carburetor Nut	23550-0	(Includes 1 1990-1, 1 1990-2,銀行990-
2,12603	Co-Pilot Anchor Nut 1		3, 1114, 2130, 1136, 1141, 111701,
132700	Cylinder Head Nut 4		1 J 2 9 0 0)
1J2800	Synchronous Control Arm	2J990-10	Boat Bracket Assembly (Includes 2J40, 2J45, 2J47; 1J50,
	Washer		2158, 1160, 1168, 1170, 1171,
1 J2802	Synchronous Control Swivel		111300 111703 112400, 112500,
W 100	Washer 1		2J2603, 1J2901, 2J2908) /
2J2803	Choke Lever Spring Washer 1	2J990-12	Pivot Base & Boat Bracket Assembly Includes 2J990-10, 2J53, 2J75,
1 J 2900	Lower Unit Cap Screw Lock Washer 4		2J80, 2J1900, 1J2601)
	Upper Lower Unit Cap Screw	21990-14	4 Control Panel & Choke Lever
) 	Lock Washer4		Aggambly
Alian Alian	Carburetor Lock Washer 2	•	(Includes 2J90, 1J410, 1J411,
	Gas Tank Screw Lock Washer . 4	.0.*000 1	1 J576, 2 J2803) 6 Crankcase Assembly
1 J2901		21990-1	(Includes 11208, 21210, 11211,
, , , , , , , , , , , , , , , , , , , 	Lock Washer 1	•	1,1227, 1,12201, 1,13002, 1,13200)
1 12903	Pivot Base Bolt Lock Washer 4	1J990-1	8 Connecting Rod Assembly
4.7 	Expansion Chamber Screw	materials con the second of the second	(Includes 1J240, 1J1100)
v V	Lock Washer 8	1 J990-1	9 Piston Assembly
gipta Wasa	Starter Plate Screw Lock Washer 3	0.4000.0	O Power Head Assembly
1J2905	Stator Plate Control Screw	2]990-2	(Includes 1 J990-16, 1 J990-18,
ness.	Lock Washer		17000.10 21216 21217 21218
1 J290	Synchronous Control Bracket	•	1J219, 1J220, 1J223, 1J224, 1J225, 2J226, 1J228, 4J229,
il.	Screw Lock Washer 2		1J225, 2J226, 1J226, 2J230, 1J1700, 1J2700)
	3 Co-Pilot Anchor Lock Washer. 1	3 7000	23 Carburator Assembly
13290	9 Steering Handle Bolt Lock	1 1990-2	23 Carburetor Assembly (Includes 1 J402, 1 J424, 1 J450,
	Washer		1J456, 1J460, 1J1708, 1J2906,
W	Driveshaft Housing Clamp Screw Lock Washer 1	***	1 J3401)
(1961) 1970 - Teor al	1 Flywheel Nut Lock Washer 1	1,1990-2	24 Magneto Assembly (Includes 1J457, 1J458, 1J501,
1,291	O Lower Unit Dowel Pin—Long . 1		1,512, 1,520, 1,11602, 1,12402,
1 1300	1 Lower Unit Dowel Pin—Short . 2		1 (12905)
11300	2 Crankcase Dowel 2	2J990-	26 Gas Tank Assembly
17210	O Boat Bracket Rivet	F.	(Includes 1J422, 1J580, 2J890, 1J901, 1J911)
17320	O Crankcase Expansion Plug 1	1 TQQ0_	27 Steering Handle and Grip
11330	O Spark Plug		(Includes 1794, 1795)
1 1340) Carburetor Inlet Elbow	2J990-	28 Complete Set of Gaskets
2J3103	REVERSE LOCK CAM RIVET		(Includes 1115, 1110, 1111, 41100)
	ASSEMBLIES		2J106, 1J211, 1J223, 1J224, 1J401, 1J579, 1J1000)
1 +00	Lower Unit Body Sub-Assembly	21990	30 Pivot Base Sub-Assembly
W T 133	(Includes 1J1, 1J3, 1J18, 1J21,	2,550	(Includes 2153, 2175, 2180, 211900)
	(1 13 000, 1 1 3001)		1 T2601)
i too	1.2 Lower Unit Cap Sub-Assembly	2J990	-32 Starter Handle Assembly
2000 T. U	元論/C(Includes 1.14, 1.14, 1.11-2, 4.11-2)		(Includes 2J605, 2J606, 2J607 2J1600)
器性的影响。	117.1119. 111000, 111700)	1	

CARBURETOR MODEL ME-1A—STANDARD ON MODEL 2-J



TD.	al. Part No.	Ref.	Part	No.			la grapa de la
N		No.	· No.	Req.	Description		
. 44							1
	07955 l. Body, Upper Half		*07938	1	Idle Tube	ومكوكة ومرور	ariangler M
5	で こうこうこう みんぎょうごがん こうく Angelo ひょう ちゅうとう すいまけ せい こうがん いっとり こくり こく	100 m	07900	1	Idle Tube Gasket	فيري والمتعاربين	Control Smith
		景21	*07895	1	Inlet Needle, Sea	t and Gaske	to Article Afficiation
	3 07953 1 Fuel Bowl	22	02510	. 1	Inlet Seat Gasket	ويزيو وترتبت	·····································
	A PARTY OF THE TAX IN	23	*08156	1	Main Adjustment	Screw	
		1.24		1	Main Adjustment	Screw Glar	ıd 🚈 👾 🕌
	The state of the s	25	0676	: 1	Main Adjustment	Screw Glar	ad Gasket
	TO THE CONTRACTOR OF THE PROPERTY OF THE PROPE	26		. 1	Main Adjustment	Screw Pack	ing
	The state of the s	27	*'0703	1 1	Main Adjustment	Screw Pack	ing Nut
,		28	*07950	1	Main Nozzle		1 1 1 1 1 1 1 1 1
4	0 05430 I Choke Shutter Sorew	29	02658	1	Main Nozzle Gas		
į	1 05591 1 Flange Gasket		07943	11.1	Throttle Shaft an	dLever 🧬	24.7.77%的电话
	2 07804 1 Float 3 *07901 1 Float Lever Pinion Screw	31	*07944	60 L	Throttle Beturn S	pring.	
			07960		Throttle hutter.		
	4 07896 1 Fuel Bowl Plug Screw (Large) 5 *07952 1 Fuel Bowl Drain Valve		*05430		Throttle hutter		
-			*08175		Gasket and Pack	ing Set.	Comment of the
		13kg 2	08176	6F. F.	Repair Parts Kit.		
1	7 '05725 1 Idle Adjustment Screw Spring		1 1402		Carburetor	Section of the second	和探索。主意關
٠.	THE NAME OF THE PARTY PARTY PARTY	Serve to	08/5	200	AGAILT CORTAIN TO	可能性。指有4位	
(*) Identifies Parts Included in Part No. 08176 Repair Parts Ru		000	Will Will	THE REAL PROPERTY.	Maria ye.	

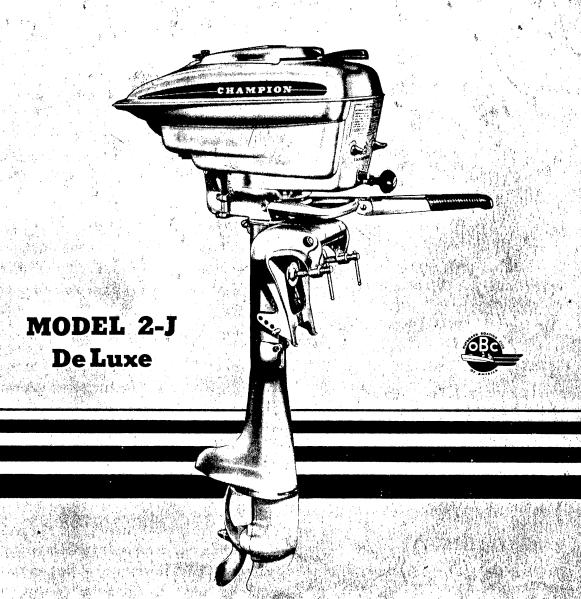
K1-203 MAGNETO SPECIFICATION NO. 10-55270



Ref. Pa		Vo.	Desc	intian	
No. No		leq.	r u	ription	
1 10 2 10		1 F1	ange - agnet -	Mountin Rotatin	g g
15 to \$500,859.	-54940	1 CON		ASSEMBL	
12. 17. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14	18.10 Sec. 25. 4		33.5		

	Part No.	No. Req.	Description
12	10-3868	2 1	Nut (Primary Connector to Contact Assembly)
13	10-1426		Washer - Plain (Contact Assembly Screw, Adjustable End)
.14	10-5166		Screw and Lock Washer (2, Contact Assembly) (2, H. T. Lead Clamp) (1, Condenser)
	10-82104		Condenser ~
17	10-3822 10-3780	4 2	Clamp - Coil Core
18 19	10-3894 10-3780	4 1 1	Lead - H. T. Insulator - H. T. Connection
20 _{***}	10-3780	7 2 79 2	Clamp - H. T. Lead Spring - Flange Tension
22	10-3787 10-5166	78 2	Plate - Flange Tension Spring Screw and Lock Washer
	1J-501		Magneto

CHAMPION



OPERATING INSTRUCTIONS

a n d

REPLACEMENT PARTS

SWANSON OUTBOARD SERVICE, CO., Inc.

5215 LAKELAND AVENUE NORTH

PHONE 533-2488

MINNEAPOLIS, MINNESOTA

CHAMPION OUTBOARD MOTOR

MODEL 2-J

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- 2. Open high speed adjustment valve $1\frac{1}{4}$ turns when motor is cold.
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- 4. Push down on CHOKE lever and hold down while pulling starter cord.
- 5. After motor starts, move magneto lever to the right for high speed; close high speed adjustment valve until motor runs smoothly.
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- To stop motor, move magneto lever to the left or STOP position.

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For the first 10 hours of operation the motor should be run not faster than 34 throttle or at Start position. We recommend the use of 1 pint of S.A.E. 30 non-detergent oil to each gallon of gasoline during the break-in period.

LUBRICATION INSTRUCTIONS

The most important factor in the operation of any internal combustion engine is proper lubrication. Properly lubricate your motor and you will enjoy many years of highly satisfactory service. Improper lubrication can result in nothing but premature wear and unnecessary expense.

Your new Champion motor is a two cycle engine and lubrication of the piston, cylinder, connecting rod, and crank shaft bearings is supplied by oil mixed with gasoline. The proportions of this mixture are very important. Also, the grades of gasoline and oil are equally important.

Clear gasoline or oil should never be poured into the gas tank. Thorough mixing should be done in a separate clean container.

LUBRICANT RECOMMENDED

We recommend the use of any high grade S.A.E. 30 non-detergent oil which will mix readily with gasoline. Mix this oil with any regular grade of gasoline, using $\frac{3}{4}$ pint of oil to one gallon of gasoline for normal operation after break-in period.

AFTER STARTING MOTOR

NAME OF THE PROPERTY OF THE PR

Since you have set the main needle valve, you need pay no more attention to it. To regulate your speed, move the magneto lever to the right for increasing speed or to the left for decreasing speed. The magneto lever is synchronized with the carburetor throttle giving the motor single lever control.

GREASING LOWER UNIT

Outside of lubrication in the form of motor oil in the gasoline, there is one more important lubrication requirement which must be attended to, that is to keep the lower unit gear-housing filled with any high grade outboard gear lubricant. You should inspect the lower unit at least once every month, and more often in the event the motor is in constant use.

To fill the lower unit with grease, remove the aluminum grease plug, Part IJ2, located in the bottom of the lower unit cap, then remove the air vent screw located near the top of the cap. (Part IJ1700). Fill the gear housing with the lubricant to full capacity. Replace grease plug screw and air vent screw.

Outboard gear lubricant is usually supplied in handy tube form which fits the grease opening and allows quick filling with no waste.

For long gear life, be sure to follow the above directions.

PROPELLER SHEAR PIN

This soft "safety pin" shears off when you strike an obstruction at full speed, thus protecting the gears, shafts, and other mechanism of your motor from damage. When this happens shut your motor off immediately. To replace shear pin, remove the cotter-pin in the propeller nut and remove nut. Slip off the propeller and replace the broken pin with a new one. Make sure to replace nut and cotter pin. The nut should be drawn up until the propeller fits snug against the shear pin.

SALT WATER INSTRUCTIONS

You will extend the life and performance of your motor when used in salt water by flushing fresh water through the motor after use in salt water. This may be done by running the motor in a barrel of fresh water or by forcing water through the outlet water line with a hose

COLD WEATHER MOTOR CARE

To prevent your motor from freezing in coldweather, the following precaution should be observed. When your motor is idle or before storing for the cold weather period, drain it by placing it in an upright position. Remove aluminum grease plug and vent screw in bottom of lower unit gear case and drain any water and old grease that has accumulated, then repack with fresh grease. If motor is to be stored, remove spark plug and pour 2 ounces of oil into the cylinder. Then revolve flywheel a few times to distribute the oil within the motor.

SERVICE INSTRUCTIONS

CARBURETOR ADJUSTMENTS:

- Close idle adjustment screw all the way in until it is snug (do not force needle against seat). Then open idle screw ½ turn.
- 2. Close high speed adjustment screw. The knob should register 0. Then open 11/4 turns.
- 3. Start motor and move stator plate control handle to position marked "Fast" on gas
- 4. Close the high speed adjustment screw, until the motor begins to slow down from lack of gas. Then open high speed adjustment screw approximately one number on the dial or until motor picks up speed and runs smoothly.
- 5. Move stator plate control lever to position marked "Slow" on gas tank. The motor should now idle slowly. However, atmospheric changes and fuel mixtures may require opening or closing the idle adjustment screw slightly.

MAGNETO ADJUSTMENTS:

Ordinarily these magnetos will operate over extremely long periods of time without the need for adjustment or repair. However, if engine operating difficulties are experienced which appear to be caused by the ignition system, the magneto output can be checked to determine whether this unit is functioning properly.

Disengage the high-tension cables from the spark plugs. Hold the cable by its insulation in such a position that the metal terminal is about %-inch from some grounded part of the engine. While holding the wire in this position, spin the engine over at normal cranking speed. If the magneto sparks this gap the trouble is not in the magneto.

Should the magneto fail to spark, inspect the contact breaker. If the contact points are dirty they can be cleaned with a little clear gasoline. Make sure no particles of lint are left between the point surfaces if a brush or cloth is used. If the points are severely burned install a complete new contact breaker assembly.

See that the contacts are properly adjusted. When fully open, there should be eighteen thousandths (.018") of an inch between the point surfaces. This can be checked with a feeler gage. If the contacts do not open the proper distance, loosen the screws which

hold the contact breaker, and shift the assembly slightly so as to obtain the correct clearance of .018" between the point surfaces. If there still is no spark the coil or condenser may be defective. Any service station will correct the situation.

After each 100 hours of operation apply four (4) drops of a good grade S.A.E. No. 60 oil to the cam oiler felt. Blot off any excess oil with a clean cloth.

SPARK PLUG ADJUSTMENTS:

The spark plug should be kept clean and the point gap set at .030 inch. If the points are too badly corroded or burned away from long use, the plug should be replaced.

CARBURETOR DRAIN

There is a carburetor drain screw at bottom of control panel for the purpose of draining any water or dirt which may have accumulated in the carburetor bowl.

If gas does not flow freely, check gas tank screen.

OUTSIDE REPAIR CHARGES

You have received with this motor a warranty covering workmanship and materials. We will not be responsible for work performed and time spent by other than the manufacturer of Champion Motors, unless such repairs are first authorized by us in writing.

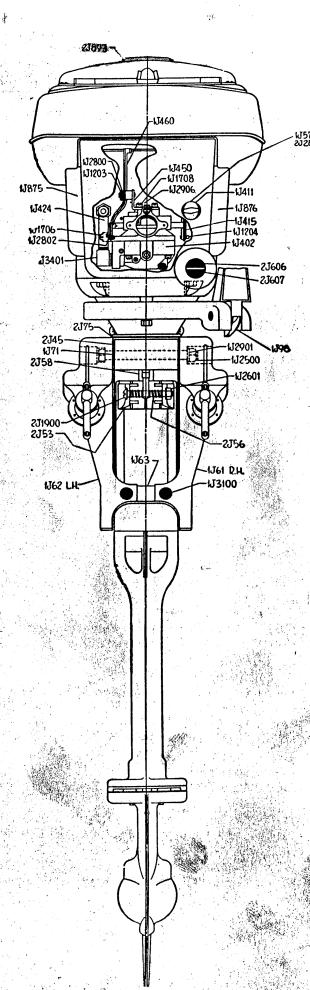
WARNING!

Never raise lower unit above level of power head without first allowing water to drain from under-water exhaust housing.

Always store motor in an upright position.

Do not use so-called outboard motor gasoline or stove gas.

Best results are obtained with regular gasoline.



CHAMPION

MODEL 2J specifications

Model—2-J DeLuxe Single.

Horsepower—4.2 at 4300 R.P.M., O.B.C. Certified.

No. Cylinders—1.

Bore and Stroke—21/6"x13/4".

Piston Displacement-5.84 cu. in.

Valves-Dual rotary valve, 2 port.

Carburetor—Dual jet concentric bowl type.

Ignition—Scintilla Magneto Alnico Rotor

Controls—Synchronous.

Gear Ratio-14-24.

Propeller-2 blade 8x51/2.

Cooling System—Centrifugal Pump.

Gas Tank Capacity—5 qts.

Speed Range (depending upon boats used)— Approx. 1 to 10 m.p.h.

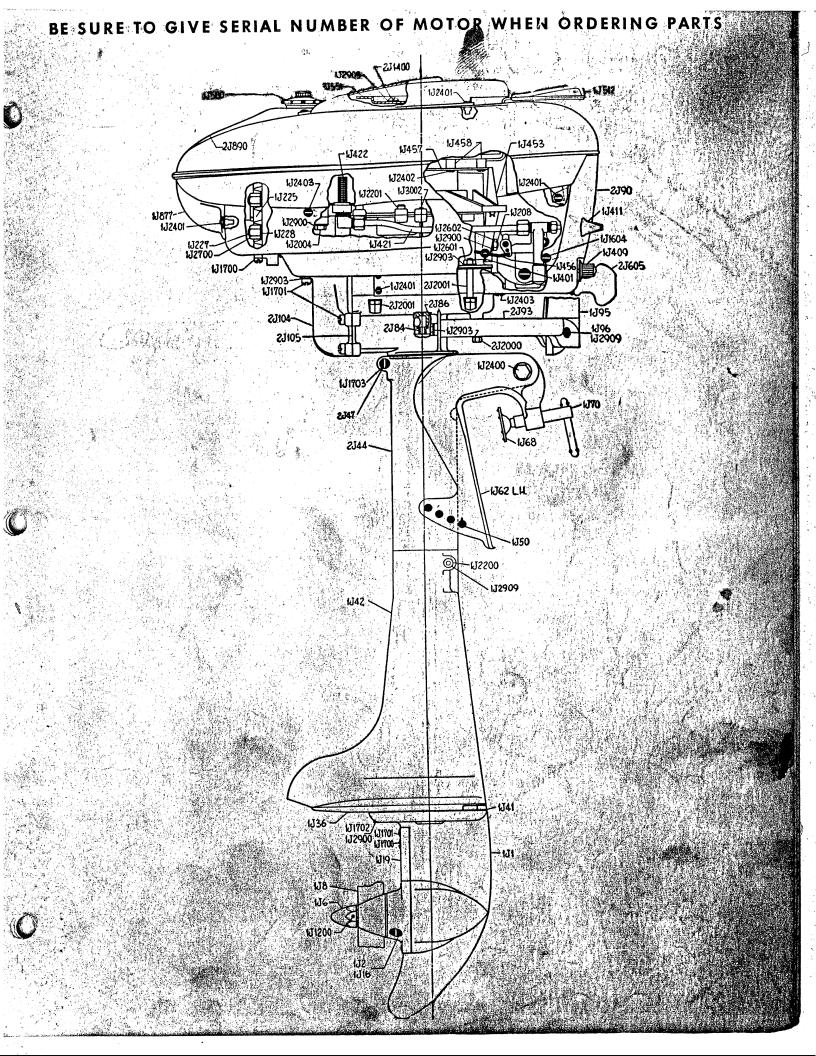
Automatic Co-skipper Steering-Yes.

PLEASE NOTE!

The Champion Motors Company reserves the right to change motor specifications contained herein without notice. Any parts contained in your motor that are different from those listed in this parts book were changed either to improve your Champion or were necessary due to material substitutions.

2-J PARTS LIST

Part No.	Part Name	No. Req'd	Part No.	Part Name	No. Req'd
1 J2	Grease Plug	. 1	2J85	Discharge Water Line	1
√1 j 3	Front Propeller Shaft Bearing .	the state of the s	2J86	Water Line Fitting	
1 J4	Rear Propeller Shaft Bearing	A S TO S TO STORY AND A STORY	2J89	Driveshaft Seal	
1 15	Gear Lock Screw.	A 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	2J90	Control Panel	1
1 j 6	Propeller Nut		2J91	Driveshaft Seal Washer.	1
1 3 0	Propeller Shaft Thrust Collar		2J93	Carrying Handle	1
7138	Propeller	· •	1 J94	Steering Handle Grip	
E-10-10-10-10-10-10-10-10-10-10-10-10-10-	Shear Pin		1J95	Steering Handle	
%1 J9	Gear Lock Screw Washer		1 196	Steering Handle Bolt	
1111	Maria de la companya	for a first of the control of the co	1 J98	Steering Handle Friction V	
1J12	Propeller Shaft	:	2J104	Expansion Chamber	
.1J13.			2J105	Pivot Base Gasket	
, IJ14	Pinion Gear.		2J106 '	Expansion Chamber Flance	40.0
1)15.	Lower Unit Cap Gasket	5. \$ 6.3		Gasket	
, 1J16	Grease Plug Gasket		1J107	Expansion Chamber Plug	
1 j 17	Vent Screw Gasket		1J208	Carburetor Studs	4
1J18	Pinion Gear Bearing		2J210	Crankcase	reere 1
%1J21"	Driveshaft Center Bearing		1J211	Crankcase Gasket	y y y y y y y . I . I
∂2J30 →	Driveshaft Assembly	§ 1.		S Crankshaft Seal	
∜1 J39	Upper Pump Housing Bearing.		2J217	Flat Spacer Washer.	
2J40	Tilting Bracket Assembly		2J218	Seal Retainer Ring	
.∕1K40;	Water Pump Housing Assembly		1 J219 1 J220	Cylinder Block and Sleev	
#1K41	Pump Seal Plate	· 1 /	1J223	Cylinder Base Gasket	
:1J42 //	Driveshaft Housing	$\frac{1}{2}$	1J223	Cylinder Head Gasket	
2J44".	Tilling Bracket	. 1	1J225	Cylinder Head	
2J45	Tilting Bracket Spacer		2J226	Crankshaft Seal Washer.	
2J47	Tilting Bracket Spring	5) (4) (1) (8) (8) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	1J227	Cylinder Head Stud	
1J50	Boat Bracket Tilting Pin Reverse Lock Catch Rivet	: Bush	1J228	Cylinder Head Stud Was	
2J51.	Reverse Lock Catch	. โรม	1J229	Cylinder Head Support S	
*2J52 *2J53	Co-Pilot Clamp Casting			Washer	2
2J56	Co-Pilot Spring		2J230	Crankshaft	
2J58	Co-Pilot Anchor.	$11 \dots 11$	1 J243	Connecting Rod Cap Scr	эw 2
1,160	Boat Bracket Sub-Assembly.	$\Gamma^{\prime\prime\prime}$	№ 1J247	Piston Ring	2
	(Includes 1 J61, 1J62, 1J63, 1 J	3100)	1 J249	Wrist Pin Lock	2
//1 [6]	Boat Bracket—Right Hand	1	1 J250	Piston and Wrist Pin	
/ i j62	Boat Bracket Left Hand	. 1	1 J401	Carburetor Gasket	
2 163	Boat Bracket Spacer Strap	. 1	1 J402	Carburetor	1
1J68	Boat Bracket Clamp Screw Pac	l. 2	1 J409	High Speedd Ajustment I	
1170	Boat Bracket Clamp Screw	.,2		With Clip	
421 171	Tilting Bracket Friction Washer	$(\cdot, \mathbf{Z}_{\mathbf{A}}}}}}}}}}$	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
(2)7/5	Tilting Bracket Friction Washer Pivot Base Washer Pivot Base	1.71	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Choke & Shut-Off Knob w	
2 180	Pivot Base Driveshaft Seal Snap Ring .	Matical Control	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Choke Lever Link	
1 2J82 .	Driveshaft Seal Snap Ring. 🥒	Asi I	1 1 1 1 2 2	Gas Line	
2]84	Intake Water Line		1J422	Gas Line Elbow and Scre	7011 1
	翻译的现在分词形式	三、1886年,1985年,1986	15 M		



BE SURE TO GIVE SERIAL NUMBER OF MOTOR WHEN ORDERING PARTS 1J2903+ 2J1400-W2502 ~57.6 **a**.g 1J520 1J1202 -2J230 JU1201 JU506 1J577-1J578-W501 JS05--W2905 M890 -131602 -1J3200 -1J210 -2390 111003 W2903 **1J3300 W250** 2J614 2J604 W1700 2J605 -2J607 -2J606 -2J1600 57630 F52610 -2J628 23601 2J2000 23620 **W94** 1195 102903 2J1705 131703 **1**J70 2J53-2J44-211900 1168 Me8 13 2380 1J61 R.H. 2J52 -W3100 102200 **W36 2J84** 131001 2085 1J3001 1J2900 1J1701 **1J1700** 1118 W1200 UI3

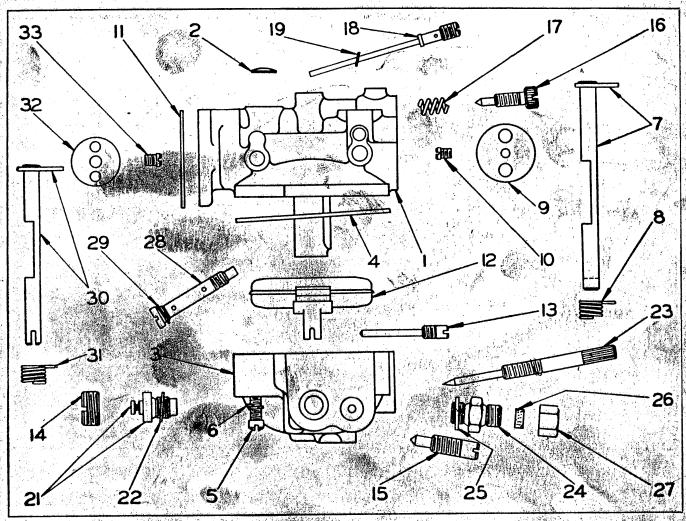
Part	David Manage	No. Reg'd	Part No.	No. Part Name Reg'd
No.	Part Name	ved a	NO.	Part Name Req'd
1 J424	Gas Line Shut-Off Valve	1. 1	1J1003	Spark Plug Nipple
1 J450	Synchronous Control Bracket			Connecting Rod Needle Bearing 32
1J456	Synchronous Control Adjust-			
	ment Lever	1		Propeller Nut Cotter Pin 1
1J457	Synchronous Control Cam	1		Magneto Rotor Retaining Ring 1
1J458	Synchronous Control Cam			Flywheel Key
	Spacer		1J1203	Synchronous Control Arm
1 J460	Synchronous Control Arm.	1 7	7 - 7 - 7 - 7	Spring Cotter
1J501	Magneto	1		Choke Lever Cotter Pin 2
1J505	Magneto Key	"• 1	2J1209	COVER PLATE RIV-NUT
1J506	Magneto Washer	. 1		Choke Lever Hinge Pin Clip 4
1J512	Stator Plate Control Handle			Boat Bracket Clamp Pad Screw., 2
1J520	Flywheel,	• • • • • • • • • • • • • • • • • • • •	2J1409	Starting Plate Screw
2J551	Gas Cap Vent Screw		2J1600	Handle Rope Lock Screw
1 J573 1 J574	Gas Cap Vent Screw Washer			Stator Plate Control Screw 2
1 J 5 7 4 1 J 5 7 5	Gas Cap Baffle Washer.	7	1J1604	Front Shroud Screw
1J576	Gas Cap Baille Spring		1,11700	Lower Unit Vent Screw
13370	Choke Lever Spring	(1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 11001	Cylinder Head Seal Screw 2
1J577	Gas Cap Swivel		111701	Lower Unit Cap Screw 4 Expansion Chamber Screw 7
1J578	Gas Cap Salety Spring Hook		1 11700	Upper Lower Unit Screw 4
1J579	Gas Cap Gasket			Tilting Bracket Clamp Screw
1J580	Gas Cap Assembly			Expansion Chamber Screw
- 410			211100	(Long)
2J600 🕍	STARTER ASSEMBLY COMPLI	ETE	111706	Synchronous Control Swivel
2J601 2J604	REAR STARTER SPACER FRONT STARTER SPACER		131100	Screw
2J605	READY PULL HANDLE	13	111708	Synchronous Control Bracket
2J606 2J607	HANDLE ROPE LOCK (RH) HANDLE ROPE LOCK (LH)			Screw
2J610N 2K611	STARTER CABLE	1	211900	Co-Pilot Clamp Lock Screw 1
2J612	READY PULL CABLE ANCHOR	STRAP	- 24.7°	Carrying Handle Bolt 3
2J613 2J614	STARTER RECOIL SPRING CABLE AND SPRING ANCHOR	SCREW 1		Starter Spacer Bolt 4
2J619	STARTER SPOOL LOCK RING			Gas Tank Screw
2J620 2J626	STARTER SPOOL STARTER RATCHET ENGAGE	SPRING 1	1J2200	Driveshaff Housing Clamp
2J628	STARTER ANCHOR LOCK NUT STARTER ANCHOR LOCK WAS			Screw
2J629 2J630	STARTER RATCHET ASSEMBL	Yariarid	1 J2201	Crankcase Screw, USE 4K2007 8
2J652	READY BULL HANGLE :		1 J2202	Cylinger Head Support Screw 2
		things.	1 j2400	Tilturg Bracket Friction Bolt 1
1 J875	Left Shroud	10	*1J2401	Spark Plug Cover Plate Screw : 2
1J876	Right Shroud			Control Panel Anchor Screw. 2
1J877	Spark Plug Cover Plate			Gas Tank Cover Plate Screw 4
2J890	Gas Tank	12 : 12		Control Panel—Motor Base
2J893	Gas Tank Cover.			Spacer Screw4
1 1901	"Champion" Transfer	2 // 1	1 J2402	。例如此是可能的形式,但可是COUPLE 在地方,这位是其他的特別可能还是UPE的是被使用的 是是一种的 的。
1]911	Blue Ribbon Seal of Quality	466		Top Shroud Screw
1.46	Transfer	Transfer of		Control Panel Screw 2
111000	Propeller Shaft Grease Seal		וויים איני	Tilting Bracket Friction Bolf Nut. 1
STATE OF THE STATE	Water Line Grommet	2	2J2501	
				Didiel licon pping then

BE SURE TO GIVE SERIAL NUMBER OF MOTOR WHEN TREETING PARTS

Part No.	Part Name
1 J2502	Flywheel Nut
1J2601	Pivot Base & Spacer Bolt Nut 4
1,12001	Co-Pilot Clamp Screw Nut 1
1 10600	Carburetor Nut
1 J 2602	Co-Pilot Anchor Nut
2J2603	Cylinder Head Nut
1J2700	
1J2800	Synchronous Control Arm Washer 1
1 20000	W COLICA
1 j 2802	Synchronous Control Swivel
************************	AA CISTICAL
2 J2803	Olloke Hever Spring
1J2900	Lower Unit Cap Screw Lock
	At delica
	Upper Lower Unit Cap Screw
	LIOCK Washes
	Carburetor Lock Washer 2
	Gas Tally Dolen Took Manuel
1J2901	
	Lock Washer
1J2903	Pivot Base Bolt Lock Washer 4
	Expansion Chamber Screw
	Lock Washer 8
	Starter Plate Screw Lock Washer 3
1 J2905	
	Lock Washer
1J2906	Synchronous Control Bracket
1. 1. 1. 1.	Screw Lock Washer2
2 J2908	Co-Pilot Anchor Lock Washer. 1
/1J2909	Steering Handle Bolt Lock
	Washer1
	Driveshaft Housing Clamp
	Screw Lock Washer 1
1K291	Flywheel Nut Lock Washer 1
1J3000	Lower Unit Dowel Pin—Long . 1
M 13001	Lower Unit Dowel Pin—Snort 2
1,13002	Crankcase Dowel
133100	Boat Bracket Rivet 2
#1J3200	Crankcase Expansion Plug 1
113300	Spark Plug
#1J3401	Carburetor Inlet Elbow 1
* 2J3103 (REVERSE LOCK CAM RIVET
War in	ASSEMBLIES
11990-	Lower Unit Body Sub-Assembly
	Lower Unit Body Sub-Assembly
	1 J3000, 1 J3001)
1 1990	2 Lower Unit Cap Sub-Assembly
	[] (Includes 1 J2, 1 J4, 1 J15, 1 J16, 1 J16, 1 J17, 1 J19, 1 J1000, 1 J1700)
SALMAN STATE OF THE SALES	ASSESSED TO A ASSESSED SELECTION OF A LIGHT A CONTROL OF THE ACCORDANCE OF THE ACCOR

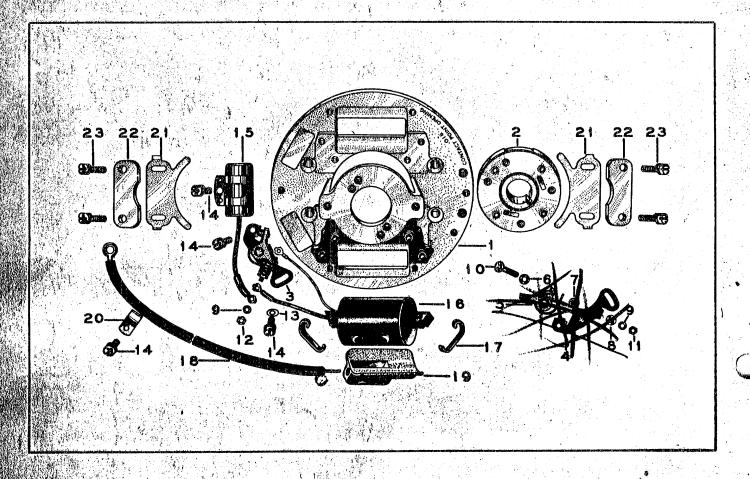
[1] 아마마마아아마아아아마아아마아아	
Part No. Part Name	
1J990-3 Propeller Shaft Assembly (Includes 1J5, 1J7, 1J11, 1J13)	iji2,
2J990-6 Lower Unit Assembly (Includes 1J990-1, 1J990-2, 3, 1J14, 2J30, 1J36, 1J41, 1J	7990- 1701,
1 J2900)	
(Includes 2J40, 2J45, 2J47; 2J58, 1J60, 1J68, 1J70, 1J1300, 1J1703, 1J2400, 1J 2J2603, 1J2901, 2J2908)	1 J50, 1 J71, 2500,
21990-12 Pivot Base & Boat Bracket Ass	embly
Includes 2J990-10, 2J53, 2J80, 2J1900, 1J2601)	ZJ13,
21990-14 Control Panel & Choke Lever	
Assembly(Includes 2J90, 1J410, 1J576, 2J2803)	J411,
2J990-16 Crankcase Assembly	17211
(Includes 1J208, 2J210, 1J227, 1J2201, 1J3002, 1	j3200) ·
1J990-18 Connecting Rod Assembly. (Includes 1J240, 1J1100)	
1 J990-19 Piston Assembly (Includes 1 J247, 1 J249, 1 J2	50)
The company of the co	STATE OF THE STATE
2J990-20 Power Head Assembly	90-18, 2)218,
1)219, 1)220, 1)223, 1	J224,
2J230, 1J1700, 1J2700)	JEZO,
1 J990-23 Carburetor Assembly	1 J450, J2906,
Troop Od Mannata Amomble	1.7501
(Includes 1J457, 1J458, 1J512, 1J520, 1J1602, 1	J2402,
2J990-26 Gas Tank Assembly (Includes 1J422, 1J580,	2 1890
1 1901 1 1911) 冷藏學	的 种类型的原
1 J990-27 Steering Handle and Grip (Includes 1 J94, 1 J95)	
nanon no Camalata Sat at Cashate	
2 j 990-28 Complete Bet of Charles (Includes 1 j 15, 1 j 16, 1 j 17, 2 j 106, 1 j 2 j 1 i 1 j 2 2 3, 1 j 40 j 1 j 579, 1 j 1 000)	次 化等点的 安全縣
2J990-30 Pivot Base Sub-Assembly (Includes 2J53, 2J75, 2J80,	211000
1 12601)	A. 2. 1. 15 (1987)
2J990-32 Starter Handle Assembly (Includes 2J605, 2J606,	21607
2J1600)	

CARBURETOR MODEL ME-1A—STANDARD ON MODEL 2-J



d	WILL PARTIE				NT-	
Rei.				Part *		D
No.	No. Req	(n) Description	No.	No.	Req.	Description
			2 第五字			
1	07955	Body, Upper Half	30 A 18	*07938		lle Tube
	*02531	Body Channel Welch Plug	1119.	07900		lle Tube Gasket
· 3	07953 4 1		217	*07895	1 · Ir	alet Needle, Seat and Gasket
4	TAN		. 22	02510		alet Seat Gasket
5				*08156		lain Adjustment Screw.
	0992 4	Body Retaining Screw Lockwasher		9702		lain Adjustment Screw Gland
7	07946 1	Choke Shaff and Lever	25	0676		fain Adjustment Screw Gland Gasket
8	*07910 · · · 1	Choke Return Spring		0705		fain Adjustment Screw Packing
9	03739 1		27	*0703 <i>.</i>		lain Adjustment Screw Packing Nut
10	The second secon		28			Main Nozzle
° ii	05591 1	Flange Gasket	29	02658		fain Nozzle Gasket
12	07804 1	Float	1 30	07943		hrottle Shaft and Lever
13	*07901 1	Float Lever Pinion Screw	31	*07944		hrottle Leturn Spring (**.)
14	07896 1	Fuel Bowl Plug Screw (Large)	1 32	07960		hrottle dutter.
15	*07952 1	Fuel Bowl Drain Valve	 	**05430	T	hrottle Shutter Screw
		. Idle Adjustment Screw 11.	100	*08175		Sasket and Packing Set.
17		Idle Adjustment Screw Spitho	4.0	· 08176	Section and the second	lepan, Paris Kit.
4			7	**1J402	5 C	Carburator
(*)	Identifies Parts	Included in Part No. 08176 Repair Parts Ret.		A8750		
	4-0-24-0-2					

K1-203 MAGNETO SPECIFICATION NO. 10-55270



			P	ar	t.	1	· N	lo.	4 14	4				
				0.		1/3	4 15	eq.	7.	D	esc	ript	ion	
	,				1	133								Y_{i_1, i_2}
Ø	Ye.	14	1	4.	31	77		1	Fl	ang	e -	Mo	unti	ing
						34						Ro		
	19	13/10		100	1.5	0	77. 2	. *	ON	TA	citt.	ASS	F M F	ai V
			416	٠.,	10			7.1	RE	AK	ER	(B	E 2)	
627	467	4.5	1	1.00	10.58	Vilia.				13.17		15 615	A 150	PH 15

Ref.	Part N	
No.	No. R	eq. Description
12	10-38682	Nut (Primary Connector to
	。2. 16 2 4 24 26 36 3	Contact Assembly)
ે 13 ા	10-14268	1 Washer - Plain
	3. 1. 为 是为为关键	(Contact Assembly Screw,
		Adjustable End)
14	10-51662	5 Screw and Lock Washer
家的		(2, Contact Assembly)
	The state of the same	(2, H. T. Lead Clamp)
第55 4		(1, Condenser)
. 15	1 10-82104	1 Condenser -
16%	10-38222Y	1 Coil
17	10-37804	2 Clamp - Coil Core
18	10-38944	Lead - H. T.
19.		1 Insulator - H. T. Connection
20	10-37807	2 Clamp - H. T. Lead
21	10337879	2 Spring - Flange Tension
	10 37878	2 Plate - Flange Tension Spring
23	10-51667	4 Screw and Lock Washer
STANCE.	1J-501	Magneto