



PARTS CATALOG

Robin

Engines

Model

EC34PM

(HOVER CRAFT STD)

SPEC. NO. EC340PM8500

 **FUJI HEAVY INDUSTRIES LTD.**

— Engine & Machinery Export Sales Dept. —
1-7-2, Nishi-Shinjuku, Shinjuku-ku

Tokyo, Japan
TEL. Tokyo (03) 2414-6, TELEX: 232268 FUJ J
CABLE ADDRESS: FUJHEAVY TOKYO

 **FUJI HEAVY INDUSTRIES LTD.**

ISSUE EMD-EP0015

P(3/8)

HOW TO USE THIS PARTS CATALOG

3. The contents of this parts catalog are subject to revision without notice.

TO INSURE PROMPT AND ACCURATE SERVICE, THE FOLLOWING INFORMATION MUST ALSO BE GIVEN.

1. State exactly the quantity of each part and its part number.
2. Clearly state whether parts are to be shipped by express, freight or parcel post.
3. State the exact mailing address.

1. Reference numbers with an asterisk

Reference numbers marked with an asterisk indicate that the particular part is available only as a complete set or assembly.

Example:

If the reference number is marked with an asterisk and the description of the part states that certain items are included, this means that those included items cannot be ordered separately and must be purchased as a complete assembly.

2. Description of interchangeability and execution columns

Example: Interchangeability column Example: Execution column

Items interchangeable between the new and old parts
 Items not interchangeable between the new and old parts

-010000
 010001-

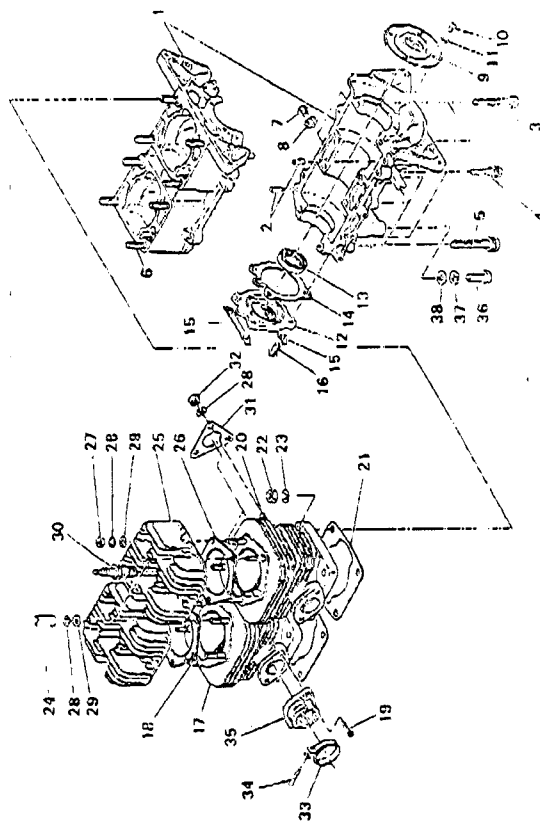
For use for Serial No. up to 010000.
 Serial No.

Items conditionally interchangeable between the new and old parts which are subject to the description in the execution column.

Example:

Part Number	Interchangeability	Execution	Explanation
Part B	0	020000-	This indicates that A-part changed to B-part for generators with serial numbers from 20000, and that they are interchangeable.
Part A	0		
Part C	0	020000-	This indicates that A-part changed to B-part for generators with serial numbers from 15000, and that they are interchangeable. Also, B-part changed to C-part for generators with serial numbers from 20000 and that they are interchangeable.
Part B	0	015000-	
Part A	0		
Part A	0	020000-	This indicates that A-part is a new part for generators with serial numbers from 20000.
Part B	0	-030000	This indicates that B-part is no longer available for generators with serial numbers from 30001.
Part B	0	020000-	This indicates that A-part changed to B-part for generators with serial numbers from 20000, and that they are conditionally interchangeable (see NOTE described at the end of the section)
Part A	0		

Fig. 1 CRANKCASE & CYLINDER



CONTENTS

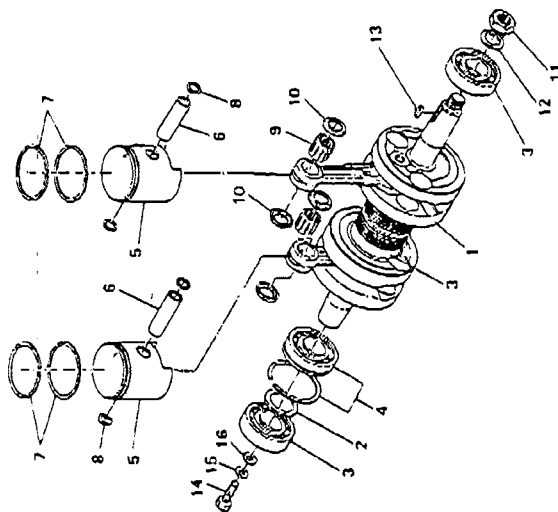
Fig. 1	CRANKCASE & CYLINDER	1
Fig. 2	CRANKSHAFT & PISTON	2
Fig. 3	BLOWER HOUSING	3
Fig. 4	CARBURETOR	4
Fig. 5	FUEL PUMP	5
Fig. 6	MAGNETO	6
Fig. 7	RECOIL STARTER	7
Fig. 8	ACCESSORIES	8

Ref. No.	Description	Interchangeability		Ref. No.	Description	Interchangeability		Ref. No.	Description	Interchangeability	
		Part Number	Qty			Part Number	Qty			Part Number	Qty
* 1	CRANKCASE ASSEMBLY Includes items 1 thru 6	110 18311 30	1	18	STUD	001 31085 00	10	19	BOLT, socket head	011 90800 20	4
2	DOWEL PIN	031 00600 20	2	20	STUD	010 59800 00	6	21	GASKET, cylinder	134 15003 03	2
3	BOLT and WASHER ASSEMBLY	013 00800 30	6	22	NUT	002 18100 00	8	23	SPRING WASHER	003 21100 00	8
4	BOLT and WASHER ASSEMBLY	019 00800 10	4	24	NUT	017 00800 50	2	25	CYLINDER HEAD	110 16101 03	2
5	BOLT and WASHER ASSEMBLY	013 01003 10	2	26	GASKET, cylinder, head	110 15101 31	2	27	NUT	002 18080 00	6
6	STUD	001 32104 51	8	28	SPRING WASHER	003 20080 00	16	29	WASHER	005 01402 50	2
7	PLUG	040 10800 10	2	30	SPARK PLUG (BRESI)	003 10480 00	10	31	GASKET, complete, exhaust	110 36301 01	4
8	WAVE WASHER	020 40000 10	2	32	NUT	017 23900 10	6	33	BRAND ASSEMBLY Includes items 33 and 34	110 65100 10	2
9	OIL SEAL	113 15001 13	1	34	SCREW	004 31043 00	2	35	ADAPTER, complete	110 65201 11	2
10	SCREW	004 31051 00	4	36	BOLT	010 11200 10	4	37	SPRING WASHER	020 31200 10	4
11	SPRING WASHER	003 20050 00	4	38	WASHER	020 01200 90	4				
* 12	CRANKCASE COVER, complete	110 11403 01	1								
13	CRANKCASE COVER	110 11403 03	1								
14	GASKET, air cover, (1-0.2)	044 03000 71	1								
15	LOCK WASHER, air cover	113 15003 00	1								
16	BOLT	113 15002 03	2								
* 17	CYLINDER, complete Includes items 17 and 18 and includes item 20	110 18401 11	2								

When ordering parts, Always give the Model, Specification and Serial Number of Engine.

P(4/8)

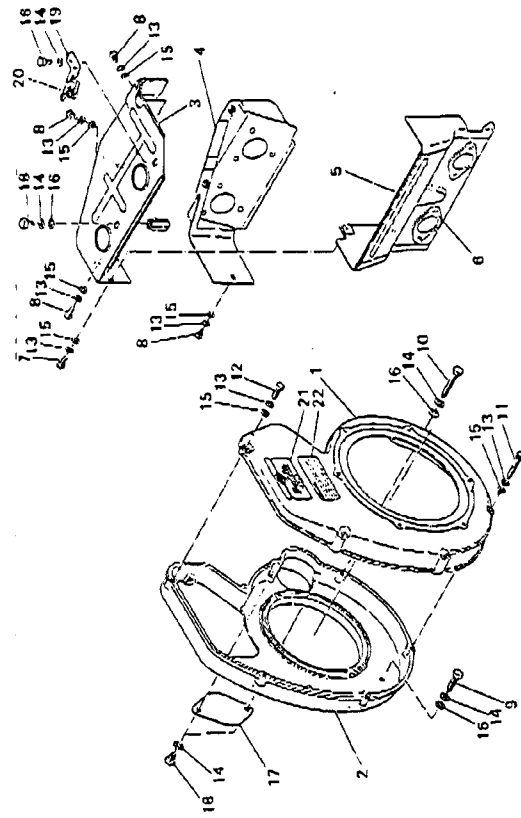
Fig. 2 CRANKSHAFT & PISTON



Ref. No.	Description	Interchangeability		Part Number	Description	Interchangeability		Part Number	Description	Interchangeability	
		Qty	Ref. No.			Qty	Ref. No.			Qty	Ref. No.
1	CRANKSHAFT ASSEMBLY Includes items 1 thru 4	1		110 26501 10		1		110 51102 00	BLOWER HOUSING 1	1	
2	SPACER	1		023 03000 40		1		110 51303 03	BLOWER HOUSING 2	1	
3	BALL BEARING	4		060 03001 10		4		110 52904 01	CYLINDER BAFFLE 1, complete	1	
4	BALL BEARING	1		060 00000 20		1		110 53002 01	CYLINDER BAFFLE 2, complete	1	
5	PISTON, complete	1		107 23301 13		1		110 53107 01	CYLINDER BAFFLE 3, complete	1	
6	PISTON PIN	2		110 23521 03		2		113 35001 00	GASKET, insulator	1	
7	PISTON RING	4		110 25006 03		4		001 65009 80	BOLT	2	
8	CLIP	4		110 25006 03		4		001 65061 20	BOLT	4	
9	SMALL END BEARING	2		110 25008 13		2		001 65062 80	BOLT	3	
10	SPACER, piston pin	4		017 01800 11		4		001 65068 00	BOLT	1	
11	NUT	1		020 31800 10		1		001 65064 00	BOLT	4	
12	SPRING WASHER	1		005 30041 51		1		001 65062 00	BOLT	1	
13	KEY	1		010 41700 10		1		003 20060 00	SPRING WASHER	10	
14	BOLT	1		003 20120 00		1		003 10060 00	WASHER	8	
15	SPRING WASHER	1		020 01200 80		1		003 10060 00	WASHER	10	
16	WASHER	1				1		113 55001 03	STARTER BLIND COVER	5	
								001 65061 20	BOLT	4	
								110 75104 01	BRACKET 3	1	
								110 75103 03	SUPPORTER 2	1	
								110 91101 02	LABEL, trade mark	1	
								116 95001 03	LABEL, warning	1	

When ordering parts, Always give the Model, Specification and Serial Number of Engine.

Fig. 3 BLOWER HOUSING

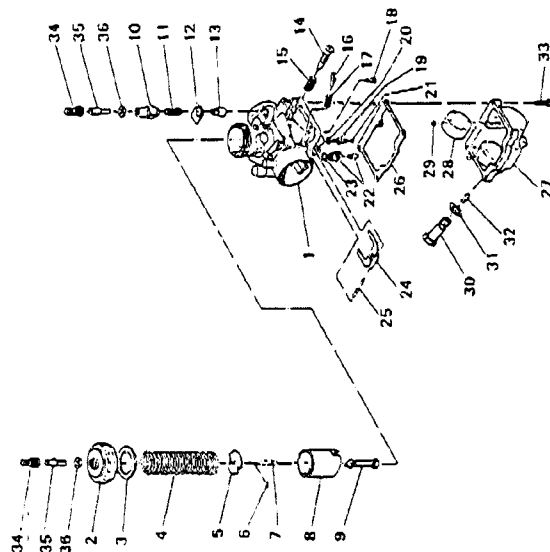


Ref. No.	Description	Interchangeability		Part Number	Description	Interchangeability		Part Number	Description	Interchangeability	
		Qty	Ref. No.			Qty	Ref. No.			Qty	Ref. No.
1	BLOWER HOUSING 1	1		110 51102 00		1		110 51102 00	BLOWER HOUSING 1	1	
2	BLOWER HOUSING 2	1		110 51303 03		1		110 51303 03	BLOWER HOUSING 2	1	
3	CYLINDER BAFFLE 1, complete	1		110 52904 01		1		110 52904 01	CYLINDER BAFFLE 1, complete	1	
4	CYLINDER BAFFLE 2, complete	1		110 53002 01		1		110 53002 01	CYLINDER BAFFLE 2, complete	1	
5	CYLINDER BAFFLE 3, complete	1		110 53107 01		1		110 53107 01	CYLINDER BAFFLE 3, complete	1	
6	GASKET, insulator	1		113 35001 00		1		113 35001 00	GASKET, insulator	1	
7	BOLT	2		001 65009 80		2		001 65009 80	BOLT	2	
8	BOLT	4		001 65061 20		4		001 65061 20	BOLT	4	
9	BOLT	3		001 65062 80		3		001 65062 80	BOLT	3	
10	BOLT	1		001 65068 00		1		001 65068 00	BOLT	1	
11	BOLT	4		001 65064 00		4		001 65064 00	BOLT	4	
12	BOLT	1		001 65062 00		1		001 65062 00	BOLT	1	
13	SPRING WASHER	10		003 20060 00		10		003 20060 00	SPRING WASHER	10	
14	SPRING WASHER	8		003 20060 00		8		003 20060 00	SPRING WASHER	8	
15	WASHER	10		003 10060 00		10		003 10060 00	WASHER	10	
16	WASHER	5		003 10060 00		5		003 10060 00	WASHER	5	
17	STARTER BLIND COVER	1		113 55001 03		1		113 55001 03	STARTER BLIND COVER	1	
18	BOLT	4		001 65061 20		4		001 65061 20	BOLT	4	
19	BRACKET 3	1		110 75104 01		1		110 75104 01	BRACKET 3	1	
20	SUPPORTER 2	1		110 75103 03		1		110 75103 03	SUPPORTER 2	1	
21	LABEL, trade mark	1		110 91101 02		1		110 91101 02	LABEL, trade mark	1	
22	LABEL, warning	1		116 95001 03		1		116 95001 03	LABEL, warning	1	

When ordering parts, Always give the Model, Specification and Serial Number of Engine.

P(5/8)

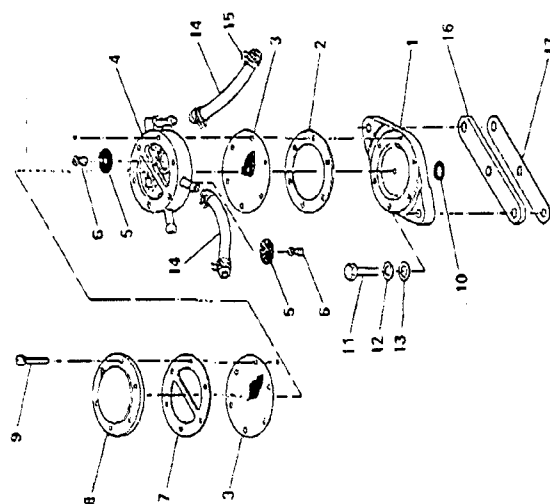
Fig. 4 CARBURETOR



Ref. No.	Description	Part Number	Interchangeability	
			Qty	Execution
1	CARBURETOR ASSEMBLY Includes items 1 thru 34	110 62317 00	2	
4	SPRING, throttle	110 62317 09	1	
5	PLATE, throttle	108 62310 09	1	
6	RING	109 62363 08	1	
7	JET NEEDLE, 50P7-3	109 62306 08	1	
8	THROTTLE VALVE, 2.5	110 62508 08	1	
9	NEEDLE JET, .04	125 62301 08	1	
10	PLUNGER CAP	108 62351 09	1	
11	PLUNGER SPRING	107 62020 09	1	
12	WASHER, plunger	108 62355 08	1	
13	STARTER PLUNGER ASSEMBLY	108 62325 00	1	
14	THROTTLE STOP SCREW	110 62357 08	1	
15	SPRING, throttle adjuster	115 62465 08	1	
16	AIR SCREW	109 62435 08	1	
17	SPRING, air adjuster	109 62445 08	1	
18	PILOT JET, #50	107 62420 08	1	
19	NEEDLE JET SETTER	109 62378 08	1	
20	WASHER, needle jet adjuster	107 62354 08	1	
21	3.7 mm DIA. O-RING	109 62369 08	1	
22	NEEDLE VALVE, 1.5	109 62501 08	1	
23	PACKING, needle valve	209 62312 08	1	
24	FLOAT ARM	108 62511 08	1	

When ordering parts, Always give the Model, Specification and Serial Number of Engine.

Fig. 5 FUEL PUMP



Ref No.	Description	Interchangeability			Ref No.	Description	Interchangeability		
		Part Number	Qty	Execution			Part Number	Qty	Execution
1	FUEL PUMP ASSEMBLY	113 62201 10	1						
2	PACKING, bottom	130 62235 08	1						
3	DIAPHRAGM	130 62201 08	2						
4	DIAPHRAGM	130 62200 18	2						
7	PACKING, top	130 62240 08	1						
9	SCREW AND WASHER ASSEMBLY	130 62251 08	5						
11	BOLT	001 65062 20	7						
12	SPRING WASHER	003 20060 06	2						
13	WASHER	003 10060 00	2						
14	RUBBER PIPE	05S 10600 70	2						
15	HOSE CLAMP	056 11100 20	4						
16	INSULATOR	113 65001 00	1						
17	GASKET, insulator	113 65002 03	1						

When ordering parts: Always give the Model, Serial Number and Social Number of Engine.

 $P(4/8)$

Fig. 6 MAGNETO

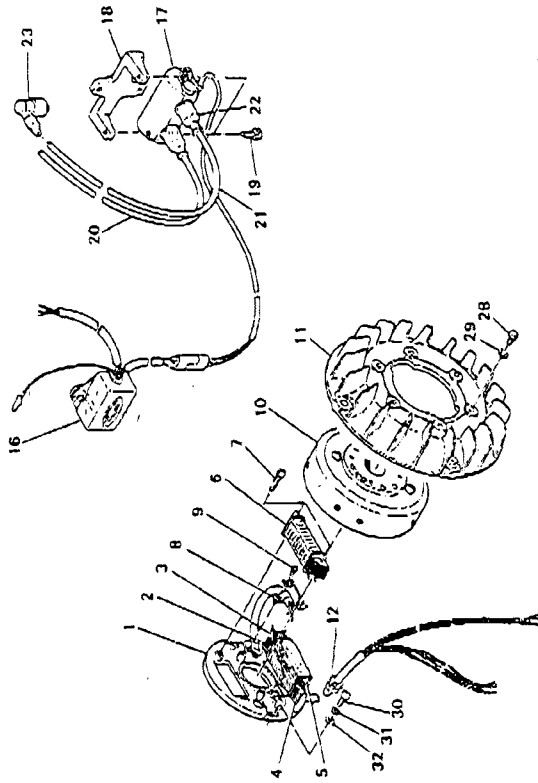
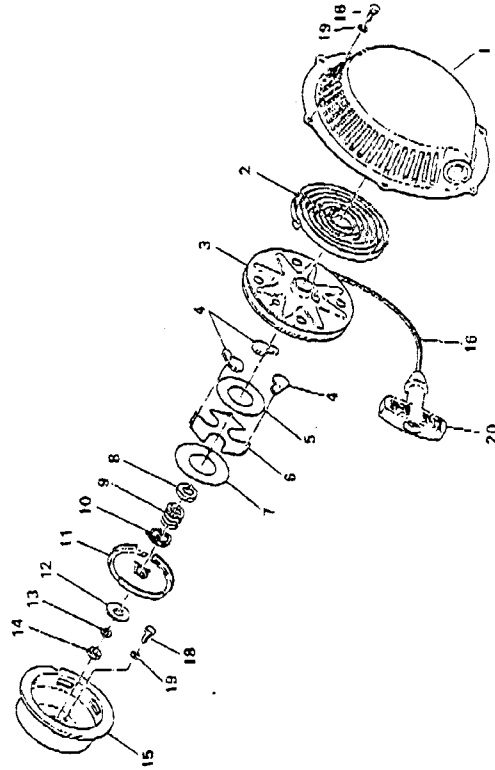


Fig. 7 RECOIL STARTER



Ref. No.	Description	Interchangeability		Ref. No.	Description	Interchangeability		Ref. No.	Description	Interchangeability	
		Part Number	Qty			Part Number	Qty			Part Number	Qty
1	MAGNETO ASSEMBLY Includes items 12 and 13 Includes items 14 thru 28	110 70110 00	1	20	HIGHTENSION WIRE (L-462)	115 71210 08	1	1	RECOIL STARTER, complete Includes items 2 thru 19 and includes items 16 thru 20	115 50103 01	1
2	PLATE ASSEMBLY Includes items 12 and 13 Includes item 14	115 70111 08	1	21	HIGHTENSION WIRE (L-700)	115 71211 08	1	1	STARTER CASE, complete	115 50150 08	1
3	EXCITER COIL	115 70135 08	1	22	CAP, rubber	115 71215 08	2	2	POWER SPRING	133 50115 08	1
4	PULSER COIL	115 70152 08	1	23	SPARK PLUG CAP	085 50001 30	2	2	RATCHET	115 50125 08	3
5	COLLAR	131 70162 08	1	24	BOLT	110 70167 08	6	6	SLIDE PLATE, A	131 50150 08	1
6	SCREW AND WASHER ASSEMBLY	131 70164 08	2	25	SCREW	004 31061 80	2	2	RETURN SPRING, B	115 50136 08	3
7	LIGHTING COIL	115 70140 08	1	26	LOCK WASHER	003 30060 00	2	2	SLIDE PLATE	131 50151 08	1
8	CLAMP	131 70150 08	2	27	WASHER	003 11060 00	2	2	WASHER A	115 50151 08	1
9	SCREW AND WASHER ASSEMBLY	108 70155 08	1						FRICITION SPRING	115 50130 08	1
10	FLYWHEEL ASSEMBLY Includes items 11 and 28 and includes item 29	207 70656 08	1						RETURN SPRING	115 50175 08	1
12	GROMMET	110 70124 08	1						FRICITION PLATE	115 50140 08	1
13	C.D.I. SYSTEM, complete	108 70157 08	1						WASHER, B	113 50151 00	1
14	IGNITION COIL, complete	115 72201 01	1						SPRING WASHER	206 50154 08	1
15	BRACKET	115 71201 01	1						NUT	206 50153 08	1
16	BOLT AND WASHER ASSEMBLY	115 71225 08	1						STARTING PULLEY	110 54704 03	1
17		113 71210 08	2						STARTING ROPE	206 50112 08	1
18									BOLT	001 66061 20	10
19									SPRING WASHER	003 20660 00	10
20									STARTER KNOB, complete	206 50101 08	1

When ordering parts, Always give the Model, Specification and Serial Number of Engine.

Ref. No.	Description	Interchangeability		Ref. No.	Description	Interchangeability		Ref. No.	Description	Interchangeability	
		Part Number	Qty			Part Number	Qty			Part Number	Qty
1	RECOIL STARTER, complete Includes items 2 thru 19 and includes items 16 thru 20	115 50103 01	1	1	RECOIL STARTER, complete Includes items 2 thru 19 and includes items 16 thru 20	115 50103 01	1	1	RECOIL STARTER, complete Includes items 2 thru 19 and includes items 16 thru 20	115 50103 01	1
2	STARTER CASE, complete	115 50150 08	1	2	STARTER CASE, complete	115 50150 08	1	2	STARTER CASE, complete	115 50150 08	1
3	POWER SPRING	133 50115 08	1	3	POWER SPRING	133 50115 08	1	3	POWER SPRING	133 50115 08	1
4	RATCHET	115 50125 08	3	4	RATCHET	115 50125 08	3	4	RATCHET	115 50125 08	3
5	SLIDE PLATE, A	131 50150 08	1	5	SLIDE PLATE, A	131 50150 08	1	5	SLIDE PLATE, A	131 50150 08	1
6	RETURN SPRING, B	115 50136 08	3	6	RETURN SPRING, B	115 50136 08	3	6	RETURN SPRING, B	115 50136 08	3
7	SLIDE PLATE	131 50151 08	1	7	SLIDE PLATE	131 50151 08	1	7	SLIDE PLATE	131 50151 08	1
8	WASHER A	115 50151 08	1	8	WASHER A	115 50151 08	1	8	WASHER A	115 50151 08	1
9	FRICITION SPRING	115 50130 08	1	9	FRICITION SPRING	115 50130 08	1	9	FRICITION SPRING	115 50130 08	1
10	RETURN SPRING	115 50175 08	1	10	RETURN SPRING	115 50175 08	1	10	RETURN SPRING	115 50175 08	1
11	FRICITION PLATE	115 50140 08	1	11	FRICITION PLATE	115 50140 08	1	11	FRICITION PLATE	115 50140 08	1
12	WASHER, B	113 50151 00	1	12	WASHER, B	113 50151 00	1	12	WASHER, B	113 50151 00	1
13	SPRING WASHER	206 50154 08	1	13	SPRING WASHER	206 50154 08	1	13	SPRING WASHER	206 50154 08	1
14	NUT	206 50153 08	1	14	NUT	206 50153 08	1	14	NUT	206 50153 08	1
15	STARTING PULLEY	110 54704 03	1	15	STARTING PULLEY	110 54704 03	1	15	STARTING PULLEY	110 54704 03	1
16	STARTING ROPE	206 50112 08	1	16	STARTING ROPE	206 50112 08	1	16	STARTING ROPE	206 50112 08	1
17	BOLT	001 66061 20	10	17	BOLT	001 66061 20	10	17	BOLT	001 66061 20	10
18	SPRING WASHER	003 20660 00	10	18	SPRING WASHER	003 20660 00	10	18	SPRING WASHER	003 20660 00	10
20	STARTER KNOB, complete	206 50101 08	1	20	STARTER KNOB, complete	206 50101 08	1	20	STARTER KNOB, complete	206 50101 08	1

When ordering parts, Always give the Model, Specification and Serial Number of Engine.

P(7/8)

