

WATER PUMP

WB20XH
WB30XH
WB30XH2
WB30XH3
WL20XH
WL20XH1
WL30XH
WL30XH1

PARTS CATALOGUE

3

FOREWORD INDEX

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Instruction for use of parts catalogue

- **This parts catalogue was prepared based on the latest information available as of September 20, 2015.**
- See the parts catalogue news for any revision that is made after September 20, 2015.
- **Always specify the part number when ordering a part.**
 - Check the model, type, serial numbers, color, maker, and the size as needed before ordering a part.
 - Note that the illustrations (part drawings) can differ from the actual parts in shape. They are given just to help you to refer to the parts.
- **When modifications or additions to this parts catalogue are made, a revised edition will be issued at an appropriate time, with successively progressing revision numbers on the cover. We recommend obtaining such revisions in order to keep your parts catalogue up-to-date at all times. To check whether a parts catalogue revision has been issued, please contact your Honda distributor.**

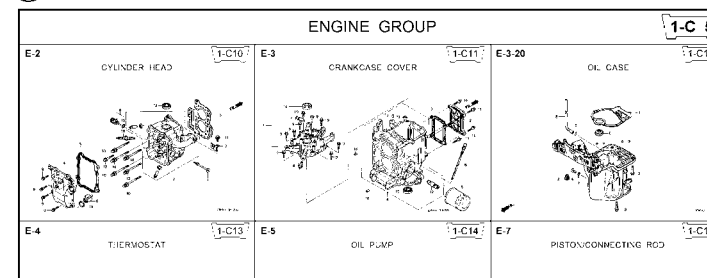
Initial version issue date March 01, 2004
Honda Motor Co., Ltd.

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How to refer to the part information

A Reference with "Illustrated index"



B Reference with "Part number index"

Part Number	Address	Page	Ref.	Part Number	Address	Page
06000				15212-ZW9-000	1-C14	3C
06316-ZW9-000	1-G9	88	1	15220-ZW9-003	1-C14	3C
11000				15332-ZW9-000	1-E8	55
11300-ZW9-405	1-C11	27	1	15332-ZW9-A30	1-E11	58
11300-ZW9-406	1-C11	27	1	15400-PFB-004	1-C11	27
11340-ZW9-000	1-C11	27	2	15422-ZW9-000	1-C14	3C
11342-ZW9-000	1-C11	27	3	15473-881-000	1-C14	3C
11381-ZW9-003	1-C12	28	1	15474-ZW9-000	1-C14	3C
				15611-921-000	1-C10	26
				15655-ZW9-000	1-C11	27
12000				16000		
12000-ZW9-405ZA	1-C11	27	4	16010-ZV4-005	1-D4	36
12155-ZV4-A00	1-C13	29	1	16011-ZV4-005	1-D4	36
12166-ZW9-000	1-C10	26	1	16013-ZW9-003	1-D4	36
12209-GB4-681	1-C16	32	1	16016-ZW9-003	1-D4	36
12210-ZW9-405ZA	1-C10	26	2	16016-ZW9-721	1-D4	36
12216-ZE2-300	1-E8	55	1	16023-ZW9-003	1-D4	36
	1-E11	58	1	16024-ZV4-650	1-D4	36
				16028-ZV4-650	1-D4	36

C Reference with "Part name index"

Partname	Address	Page	Ref.
[A]			
ABSORBER, FUEL	1-E15	62	5
ARMATURE COMP.	1-D11	43	7
ARM COMP., LINK JOINT	1-G6	85	18
ARM COMP., SHIFT LINK	1-G6	85	14
ARM COMP., TILT	1-F15	79	20
ARM, FUEL PUMP ROCKER	1-C16	32	4
ARM, REVERSE LOCK	1-F15	79	18
ARM, SHIFT LINK	1-F11	74	7
ARM, STOPPER	1-D1	33	12
ARM, THROTTLE REMOTE	1-F11	74	6
ARM, VALVE ROCKER	1-C16	32	3
[B]			
BAG, TOOL, 160MM	1-G5	84	10
BAND	1-G6	86	37
BAND B1, WIRE	1-F6	69	1
BAND, CORD	1-F3	67	18
BAND, TUBE CLIP, 11MM	1-E15	63	20
BAND, TUBE CLIP, 12.5MM	1-E15	63	19

Address No. 1-C10

Block No. E-2

Ref No.

CYLINDER HEAD

Service item F.R.T.

O-RING, 26X2.7	0.1
PLUG, SPARK	0.2
O-RING, 9.5X1.5	0.2
SENSOR ASSY., WATER TEMPERATURE	0.3
COVER COMP., HEAD	1.8
GASKET, CYLINDER HEAD	2.4
OIL SEAL, 20X32X6	3.1
HEAD COMP., CYLINDER	3.1

2009.09.20 E

Page No.

Part catalogue structure

E-2 **CYLINDER HEAD** **1-C10**

Service item	F.R.T.
O-RING, 26X2.7	0.1
PLUG, SPARK	0.2
O-RING, 9.5X1.5	0.2
SENSOR ASSY., WATER	0.3
COVER COMP., HEAD	1.8
PACKING, HEAD COVER	2.4
GASKET, CYLINDER HEAD	3.1
OIL SEAL, 20X32X6	
HEAD COMP., CYLINDER	

Ref. No.	Part No.	Description	Reqd. QTY	Serial No.	Parts catalogue code
			BF 9/9D1 BFP 10D1 BF 10D1 BFP 10B1		
1	12166-ZW9-000	STOPPER, ENGINE SIDE	2	2	2
2	12210-ZW9-000ZA	HEAD COMP., CYLINDER	1	1	1
		NHS	1	1	1
3	12251-ZW9-003	GASKET, CYLINDER HEAD	1	1	1
4	12310-ZW9-000	COVER COMP., HEAD	1	1	1
5	12312-ZW9-000	PACKING, HEAD COVER	1	1	1
6	15611-921-000	CAP, OIL (NO GAUGE)	1	1	1
7	16617-ZW9-000	HOLDER, CABLE	1	1	1
	16617-ZW9-010		1	1	1

ZW93-E0200

E-14-10 **THROTTLE ROD** **1-C10**

Service item	F.R.T.
CAM, THROTTLE (INC. RELATIVE PART)	0.2
LINKAGE, PIVOT	0.3
ROD COMP., THROTTLE	
DIAPHRAGM ASSY.	

① Address number

- Address No. is provided (in place of the page No.) to help you refer to the part with the part No. or part name.

② Block title ③ Block number

④ Service item/Flat rate time

⑤ Reference number

- Title number marked with the parenthesis or parentheses indicates that it continues from the previous page.

⑥ Part number ⑦ Honda color code

⑧ Description

⑨ Assemblies

- Sections framed with broken lines in the exploded view drawings are available as complete assemblies. (Their individual parts can also be obtained.)

⑩ Color description

⑪ Note

- Notes are shown with the parentheses in the part name column.

⑫ Required quantity

- Required QTY shown in the parenthesis or parentheses indicates the optional part.
- Required QTY marked with "N" Indicates the optional part that should be selected as needed.
- Required QTY indicates the number of the part used in the block.

⑬ Serial number

⑭ Type

- When the type column is blank, it indicates that the part is applicable to all types.
- As the type of the actual unit may differ from the "parts catalogue, type" please refer to "Models, types and applicable serial numbers" for confirmation.

⑮

- Parts enclosed within a dotted line are covered in a different block.

⑯

- A hollow arrow indicates the block No. for the parts enclosed within a dotted line .

⑰

- A solid arrow indicates the block No. the part in question is connected to.

When the parts were revised



Be sure to check the serial number!!



Ref. No.	Part No.	Description	Reqd. QTY						Serial No.
			BF 9.9D1	BFP 9.9D1	BF 10D1	BFP 10D1	BF 10B1	BFP 10B1	
1	12166-ZW9-000	STOPPER, ENGINE SIDE	2	2	2	2	2	2	
2	12210-ZW9-000ZA	HEAD COMP., CYLINDER							
		NH8	1	1	1	1	1	1	
3	12251-ZW9-003	GASKET, CYLINDER HEAD	1	1	1	1	1	1	
4	12310-ZW9-000	COVER COMP., HEAD	1	1	1	1	1	1	
5	12312-ZW9-000	PACKING, HEAD COVER	1	1	1	1	1	1	
6	15611-921-000	CAP, OIL (NO GAUGE)	1	1	1	1	1	1	
7	16617-ZW9-000	HOLDER, CABLE (###)	1	1	1	1	1	1	
	16617-ZW9-010		1	1	1	1	1	1	

The number has been used from the initial model without revision.

When shown at the left side, it is applicable to the models of No.1001801 and the subsequent numbers.

When shown at the right side, it is applicable to the models up to No.1001800.

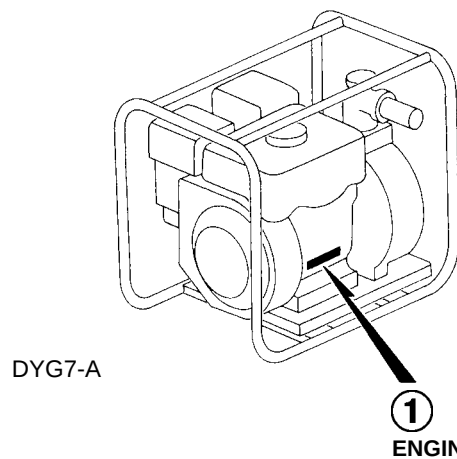
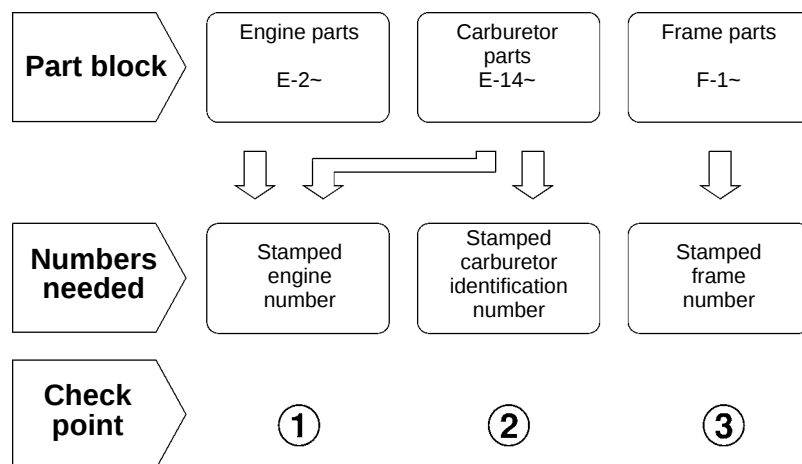
- The parts listed with "###" at the end of the parts name have limited supply period (parts not for sale).

Abbreviations used in the parts catalogue

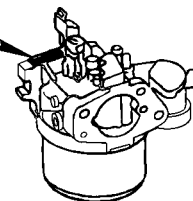
- The following abbreviations are used in the parts name column.

A Ampere	FR. ....Front
A.C. Alternating current	IN. ....Inlet
ASSY. Assembly	L (100L) .Link (100 Links)
AT. Automatic transmission	L. ....Left
C.D.I. Capacitive discharge ignition	MM .....Millimeter
COMP. ... Complete	MT. ....Manual Transmission
D.C. Direct current	P.T.O. ....Power take off
EX. Exhaust	R. ....Right
G.F.C.I ... Ground fault circuit interruptor	RR. ....Rear
HEX. Hexagonal	STD. ....Standard
H.S.T. Hydrostatic transmission	T (22T) ...Tooth (22 Teeth)
	V .....Volt
	W .....Watt

How to check the part block and serial numbers

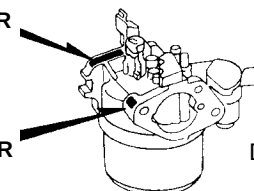


②
CARBURETOR
IDENTIFICATION NUMBER
(E-14-2)(RUIXING)

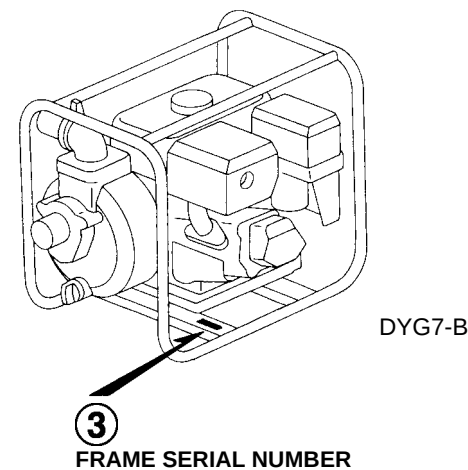


②-B
CARBURETOR
IDENTIFICATION NUMBER
(E-14)(KEIHIN)

②-A
CARBURETOR
IDENTIFICATION NUMBER
(E-14)(KEIHIN)



②
CARBURETOR
IDENTIFICATION NUMBER
(E-14-1)(KEIHIN)



Models, parts catalogue codes and applicable serial numbers

- Models, parts catalogue codes and applicable serial Nos. given in this parts catalogue can be identified as follows.

Model	Type	Parts catalogue type	Engine		Applicable engine serial No.	Applicable frame serial No.	Applicable carburetor identification No.
			Model	Type			
WB20XH	DF	DF	GX160H1	AY2	GCAAH-1000001~	WABC-9000001~	BE66E B BE66K A BEA2B A/B
	DF1	DF1		AY6			LMJ-45
	DFX	DFX		AY1			BE66E B BE66K A
	DFX1	DFX1		AY5			LMJ-45
WB30XH	DF	DF		AY2		WACC-9000001~	BE66E B BE66K A BEA2B A/B
	DF1	DF1		AY6			LMJ-45
	DFX	DFX		AY1			BE66E B BE66K A
	DFX1	DFX1		AY5			LMJ-45
WB30XH2	DF1	DF1		AD2		WALC-1000001~	BEA4E A
	DFX1	DFX1		AD1			
WB30XH3	DF1	DF1		AD2			
	DFX1	DFX1		AD1			

Model	Type	Parts catalogue type	Engine		Applicable engine serial No.	Applicable frame serial No.	Applicable carburetor identification No.
			Model	Type			
WL20XH	DF1	DF1	GP160H	AY3	GCASH-1000001~	WADC-1000001~	BEA2F A/B/C RA01 A (RUIXING)
	DFX1	DFX1		AY2			
WL20XH1	DF1	DF1		AY3		WAJC-1000001~	
	DFX1	DFX1		AY2			
WL30XH	DF1	DF1		AY3		WAGC-1000001~	
	DFX1	DFX1		AY2			
WL30XH1	DF1	DF1		AY3		WAKC-1000001~	
	DFX1	DFX1		AY2			

* Of carburetor identification numbers, only the portions underlined in the example below are used for registration.

BE 66E B KC ナ

LMJ-45 KC ナ

Features of each type

- See the following table for the features of each type. (Items in brackets are optional)

Model Type		WB20XH				WB30XH				WB30XH2		WB30XH3	
		DF	DF1	DFX	DFX1	DF	DF1	DFX	DFX1	DF1	DFX1	DF1	DFX1
Oil alert				●	●			●	●		●		●
Hose coupling	Ø48.5	●	●	●	●								
	Ø76					●	●	●	●	●	●	●	●

Model Type		WL20XH		WL20XH1		WL30XH		WL30XH1	
		DF1	DFX1	DF1	DFX1	DF1	DFX1	DF1	DFX1
Oil alert			●		●		●		●
Hose coupling	Ø48.5	●	●	●	●				
	Ø76					●	●	●	●

Fuel hose, general purpose hoses and vinyl hose

- The standard part fuel hose, general purpose hose and vinyl hose may be substituted by the coiled bulk part.
- When ordering the standard part fuel hose, general purpose hose and vinyl hose use the bulk part number written in the parts catalog in brackets () underneath the part name.
- When exchanging the hose, cut and use at the specified length as mentioned in the part name.
(For the method of cutting the bulk part, and method of filling out orders etc., please refer to the instructions issued with the bulk part.)

Bulk part number of fuel hose, general purpose hose and vinyl hose.

Example: 9 5 0 0 1 - 7 5 0 0 1 - 5 0 M

Bulk part number:

Refers to the bulk part.

Marking code (fuel hose and general purpose hose)

Change code (Vinyl hose)

Indicates number mark or change sequence, however, the code for the bulk part must be strictly 0 (zero).

Types of code:

- Fuel hose
 - 2: Red outside braid (3 mm inside dia. only)
 - 5: Black inside braid
 - 3: Red (3 mm inside dia. only)
 - 4: Ash gray with red stripe (3 mm inside dia. only)
 - 6: Black

- General hose
 - 1: Ash gray
 - 2: Ash gray
 - 3: Black
 - 5: Black

- Vinyl hose
 - 1: Clear
 - 2: Black
 - 3: Light red
 - 6: Light red
 - 7: Pale black

Lengths:

001: 1 m (standard)
003: 3 m
008: 8 m

} Application or specification of some parts is not settled.

I.D code: (fuel hose and general purpose hose)

30: 3.0 mm
35: 3.5 mm
45: 4.5 mm

50: 5.0 mm
55: 5.3 mm, 5.5 mm
65: 6.5 mm

70: 7.0 mm
75: 7.3 mm, 7.5 mm
80: 8.0 mm

11: 11 mm
91: 12 (outside dia. 15) mm
92: 12 (outside dia. 16) mm

12: 12 (outside dia. 17) mm
14: 14 mm
17: 17 mm

ID./OD. code: (vinyl hose)

01: ID. 2.9, OD. 6.8 mm
03: ID. 3.0, OD. 6.0 mm
05: ID. 3.5, OD. 6.5 mm
07: ID. 4.0, OD. 7.0 mm
08: ID. 4.5, OD. 6.5 mm
09: ID. 4.5, OD. 8.0 mm

12: ID. 5.0, OD. 7.0 mm
10: ID. 5.0, OD. 8.0 mm
11: ID. 5.0, OD. 9.0 mm
14: ID. 6.0, OD. 9.0 mm
17: ID. 7.0, OD. 9.0 mm
19: ID. 7.0, OD. 11.0 mm

21: ID. 8.0, OD. 9.0 mm
23: ID. 8.0, OD. 12.0 mm
25: ID. 9.0, OD. 11.0 mm
27: ID. 9.0, OD. 13.0 mm
33: ID. 10.0, OD. 14.0 mm
36: ID. 11.0, OD. 13.0 mm

37: ID. 11.0, OD. 15.0 mm
38: ID. 12.0, OD. 13.0 mm
39: ID. 12.0, OD. 14.0 mm
40: ID. 12.0, OD. 16.0 mm
43: ID. 13.0, OD. 15.0 mm
45: ID. 14.0, OD. 18.0 mm

50: ID. 16.0, OD. 19.0 mm
55: ID. 17.5, OD. 20.5 mm
60: ID. 22.0, OD. 27.0 mm

Hose type:

- 1: Fuel hose
- 3: Vinyl hose
- 5: General hose

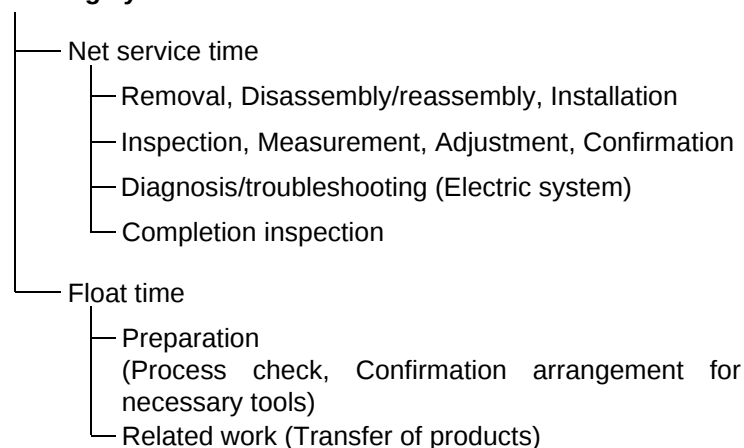
⊙ **CAUTION:** It is DANGEROUS to confuse the fuel hose with the general purpose hose or vinyl hose.

Never use a general purpose hose or vinyl hose in place of a fuel hose or vice versa. Always use the correct bulk part in the parts catalogue, according to the service manual or the instructions issued with the bulk part.

FLAT RATE SERVICE TIME

Flat rate service time (FRT) means the standard time required to service a product, which is listed in this manual to help the dealers control the actual working process and calculate the service charge by using it as a guide.

FRT setting system



* Float time is set by multiplying the net service time by a given coefficient.

Editorial style

The service items shown in the text are listed with the exchange work time for the repair sales parts as the subject. Other representative service items not using repair parts (removal/installation, adjustment, inspection/measuring, and other work) are listed collectively in the list in the preface, classified according to the work.

FRT setting standard

- Decimal system (in unit of 0.1) is adopted to set FRT as it is convenient to calculate the wage.
Example: (0.1) → 6 minutes, (0.2) → 12 minutes
[Labor cost per hour] x [FRT] = [Wage]
- FRT is set with a hand tool.
- Service items and FRT can be subject to change depending on development of tools and service equipment and improvement in service procedure.

Work procedure

- As the work procedure is set with the work time according to the method in the separate Service Manual, refer to this Manual as required.
- Work methods permitting servicing in the shortest time still permitting assurance of safe work and product warranty are used for the setting of service items not listed in the Service Manual.
- Work basically is to be performed by one person, and when two or more people are required, setting is done as the total time for the number of people.
- The set value for the technological level of the workers uses a person with three years of experience in the repair of Honda products as the standard.
- Special tools and service equipment used to set FRT are those specified or recommended in Service Manual.

Service item whose FRT is not presented

- Accessories and service parts that are not listed to use in this manual.
 - Locations with little aging deterioration or breakage during normal use.
 - Service work that can be finished by one touch.
 - Service work that is seldom done (i.e. extremely small causes of trouble and service frequency).
 - Products and parts whose location for installation differs according to its status of use and application.
- * When FRT is not presented, please calculate wages based on appropriate actual work time.

Operation not included of FRT

- Oil and coolant water draining, Waiting time for warming up operation and etc..
- Additional operation that involves removal/installation of standard exterior equipment.
- Indirect time spent for service by visiting the customer, trade-in, and delivery.
- Indirect time required for ordering and delivery of parts.
- Cost for grease, adhesive agent, etc. used for service work.

Explanation of FRT by using an example
(The example may differ from the actual presented items)

Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
① ②	1111L1	④ VALVE, INTAKE 4.1	②
③	1111L1A	⑥ • NOTE: OHV type	⑦
		⑤ • Includes: Engine removal and installation One head (intake all) add 1.4	

- ① Reference No. of the illustration of part that shows location of the replacement work.
- ② FRT is an abbreviation of Flat Rate Time indicating the standard service time required for the replacement.
- ③ LON is an abbreviation of Labor Operation Number, and it is a classification of the service items by the work unit code.

The same operation code is used regardless of the models.

Standard operation is indicated with 6 digits code, and additional operation is indicated with 7 digits code.

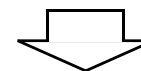
- ④ Indicating the intake valve replacement and FRT4.1.
- ⑤ Indicating FRT1.4 that will be added when additional operation (whole intake side of one cylinder head) is done in association with intake valve replacement.

- ⑥ Indicating work condition or application condition of the service item.
- ⑦ Indicating work contents that are included in the service item.
- ⑧ Indicating a reference No. whose operation and time are the same as FRT4.1 for the intake valve.

(The application range is limited to the service items without an LON setting within a same block.)

How to refer to the service item by using the sample
 (intake valve replacement)

Open to the page of the block where the intake valve's spare part illustration is shown.



Look for the intake valve illustration, and refer to the service item and FRT that agree with the reference No.

Indication mark for the listing of service items that continues to the following page

Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
2	1111L1	VALVE, INTAKE	4.1
	.	.	.
	.	.	.

+

Mark indicated at the last line.

Indication of the block with no setting of FRT

Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
NO INFORMATION			

• LON code system

1	11	1	L1	A
a	b	c	d	e

- a) Category code..... Engine
- b) Location/function code..... Engine upper
- c) Operation code..... Replace
- d) Operation sequence number (Unit code can be shown with alphabet)
..... Intake valve
(No regular rule of code)
- e) Additional code One head (intake all)
(No regular rule of code)

1	11	1	L1	A
a		c		

a) Category codes and classification

Code	Category
1	Engine
2	Power drive
3	Fuel & Exhaust
4	Frame & Body
5	Steering
6	Electrical
7	Axle & Brake
8	Control system
9	-
0	Attachments

c) Operation codes and classification

Code	Operation category
1	Replace, Removal/Installation, Change
2	Overhaul
3	Adjust, Rotation
4	(Paint-related work: Top-coat)
5	Test, Inspect/diagnose, Measurement
6	(Overhaul-related work: Rebore)
7	(Overhaul-related work: Reseal)
8	(Resurface)
9	(Paint-related work: Refinish)
0	Repair, Cleaning, Air bleeding

Major service items without using spare parts

- (1) Removal/Installation, (2) Adjustment,
(3) Inspection/Masurement, (4) Overhaul, (5) Other work

E: Engine, T: Transmission, D: Drive system,
B: Body and related parts

(1) Removal/Installation

Set with the parts configuration in the status of being removed from the product.

	LON	DESCRIPTION	FRT
E	1001A1	ENGINE AND PUMP- REMOVAL/INSTALLATION	0.2

(2) Adjustment

	LON	DESCRIPTION	FRT
E	1113A1	VALVE CLEARANCE-ADJUSTMENT NOTE: For 1 product	0.3
	1163A0	CONTROL, THROTTLE/GOVERNOR- ADJUSTMENT	0.2
	3113A2	CARBURETOR IDLE-ADJUSTMENT	0.2

(3) Inspection, Measurement, Cleaning

	LON	DESCRIPTION	FRT
E	1105A0	ENGINE OIL-INSPECTION	0.1
	3120A0	AIR CLEANER-CLEANING INCLUDES: Air cleaner-inspection	0.2
	6140A0	SPARK PLUG-ADJUSTMENT/CLEANING INCLUDES: Spark plug check NOTE: For 1 product	0.1

(4) Overhaul

Work condition: The required Measurements, inspections, adjustments, and cleaning/washing of each part are performed, including the main body removal/installation work and the replacement of defective parts.

	LON	DESCRIPTION	FRT
E	3112A0	CARBURETOR-OVERHAUL INCLUDES: All necessary adjustment	0.6

(5) Other work

	LON	DESCRIPTION	FRT
E	1101E1	ENGINE OIL-CHANGE INCLUDES: Engine oil-inspection	0.1

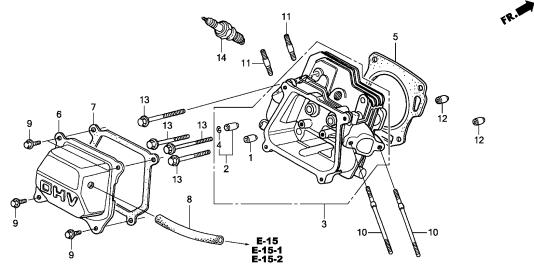
ENGINE GROUP

B15

E-2

CYLINDER HEAD

D 1

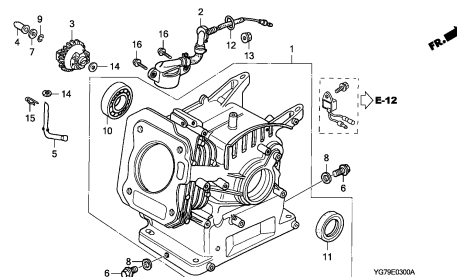


YG79E000A

E-3

CYLINDER BARREL

D 3

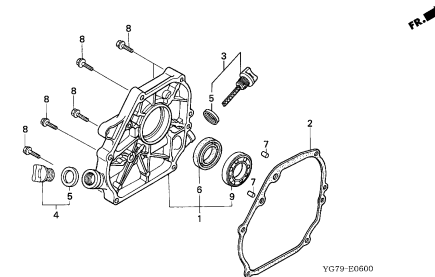


YG79E000A

E-6

CRANKCASE COVER

D 4

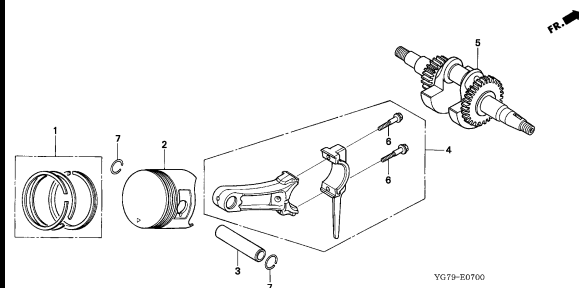


YG79-E0600

E-7

PISTON/CONNECTING ROD/CRANKSHAFT

D 5

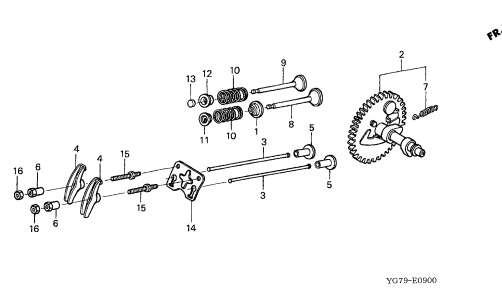


YG79-E0700

E-9

CAMSHAFT

D 8

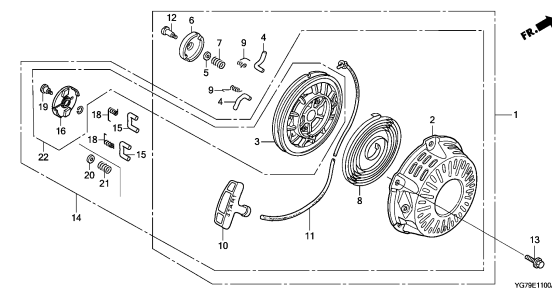


YG79-E0900

E-11

RECOIL STARTER
(WB20XH/WB30XH/WB30XH2/WB30XH3)

D10

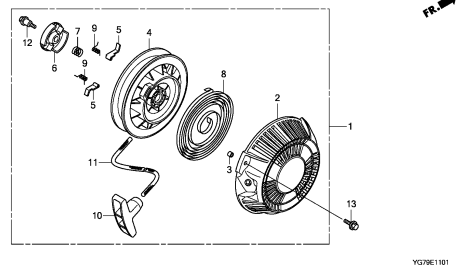


YG79E1100A

E-11-1

RECOIL STARTER
(WL20XH/WL20XH1/WL30XH/WL30XH1)

D12

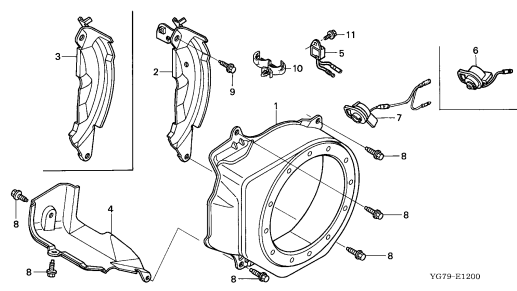


YG79E1101

E-12

FAN COVER/SIDE PLATE

D13

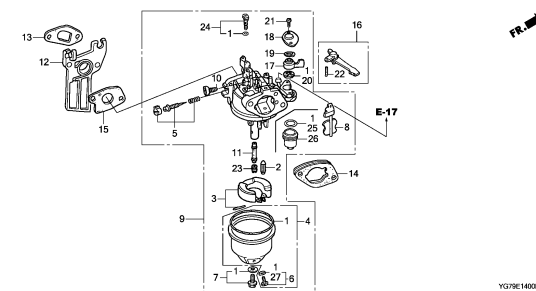


YG79-E1200

E-14

CARBURETOR(KEIHIN)

D14



YG79E1400B

2

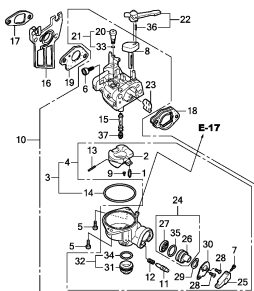
ENGINE GROUP

B16

E-14-1

E 2

CARBURETOR(KEIHIN)

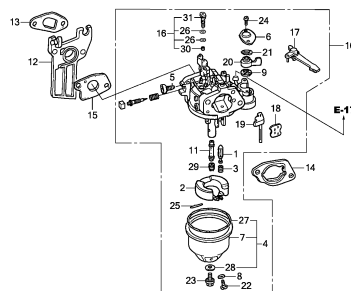


YG79E1401A

E-14-2

E 4

CARBURETOR(RUIXING)

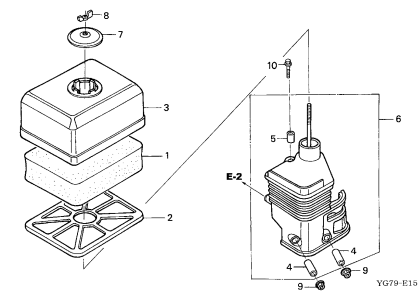


YG79E1402

E-15

E 6

AIR CLEANER(WB20XH/WB30XH)

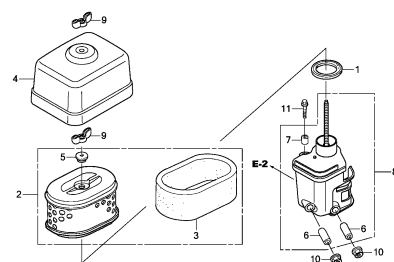


YG79-E1500

E-15-1

E 8

AIR CLEANER(WB30XH2/WB30XH3)

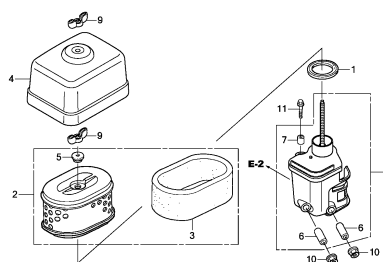


YG79E1501

E-15-2

E 9

AIR CLEANER
(WL20XH/WL20XH1/WL30XH/WL30XH1)

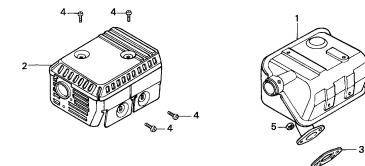


YG79E1502

E-16

E10

MUFFLER

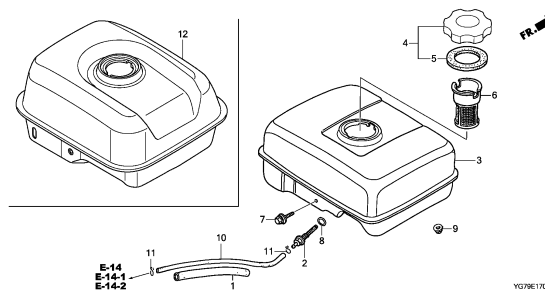


YG79-E1600

E-17

E11

FUEL TANK

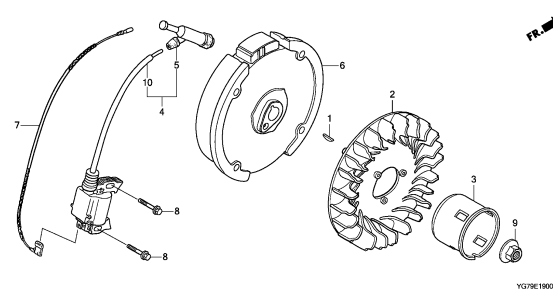


YG79E1700A

E-19

E13

FLYWHEEL/IGNITION COIL

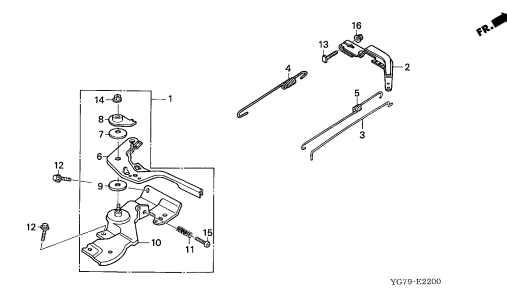


YG79E1900B

E-22

E14

CONTROL



YG79-E2200

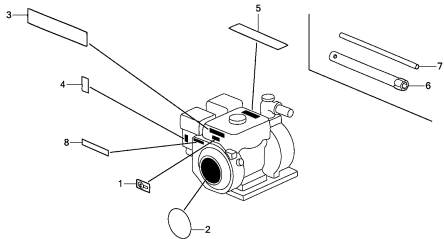
ENGINE GROUP

C 1

E-28

E15

LABEL

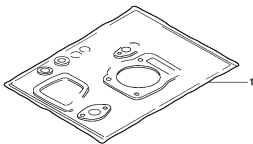


YQ79E2800A

EOP-1

E16

GASKET KIT



YQ79X0100

2

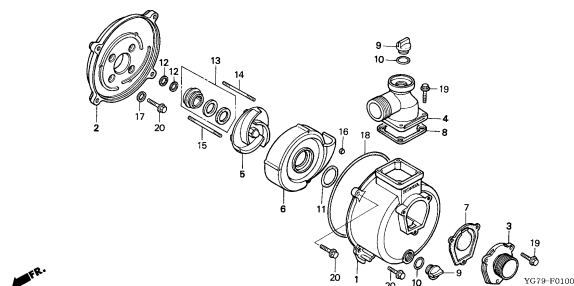
FRAME GROUP

C 2

F-1

F 1

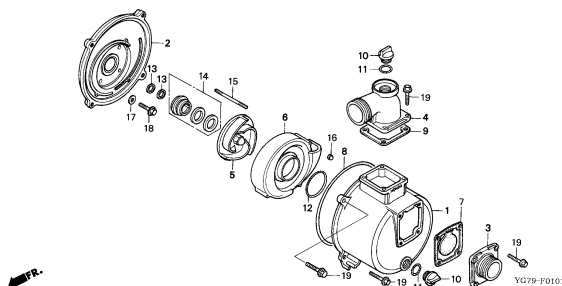
CASING/IMPELLER
(WB20XH/WL20XH/WL20XH1)



F-1-1

F 3

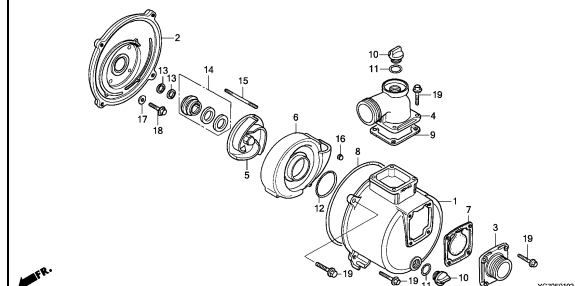
CASING/IMPELLER
(WB30XH/WB30XH2/WB30XH3)



F-1-2

F 5

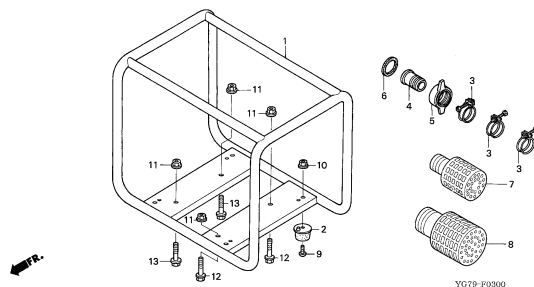
CASING/IMPELLER(WL30XH/WL30XH1)



F-3

F 6

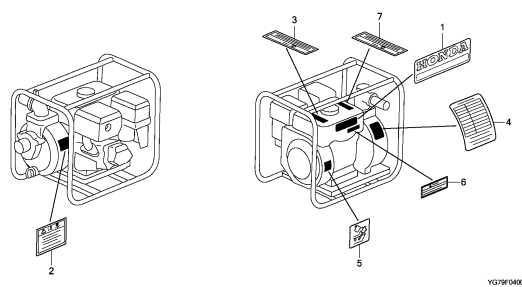
FRAME BED/HOSE COUPLING



F-4

F 7

LABEL

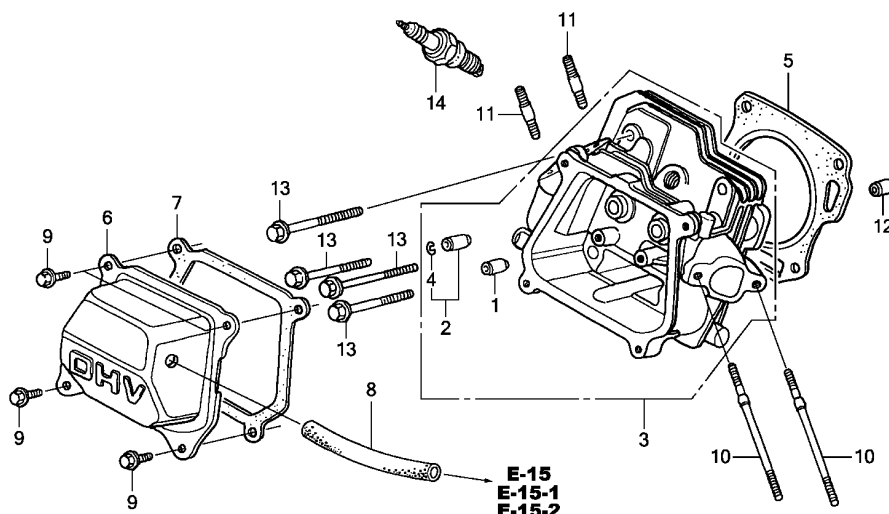


3

E-2

CYLINDER HEAD

D 1

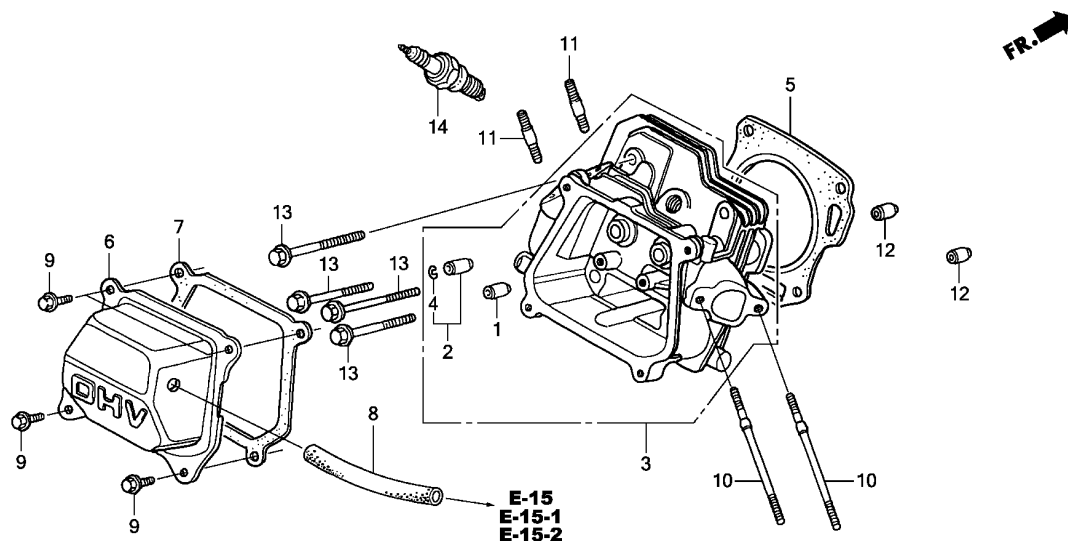


YG79E0200A

Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	1111E9	GUIDE, INTAKE VALVE ......INCLUDES: Valve clearance adjustment	0.8
	1111E9E	.Replace intake and exhaust all add	0.3
2	1111E8	GUIDE, EXHAUST VALVE ......INCLUDES: Valve clearance adjustment	0.8
	1111E8E	.Replace intake and exhaust all add	0.3
3	1111N3	HEAD, CYLINDER ......INCLUDES: Valve clearance adjustment and reface	0.9
5	1111N4	GASKET, CYLINDER HEAD	0.5
6	1111D5	CYLINDER HEAD COVER AND/OR PACKING	0.1
8	1111K5	TUBE, BREATHER	0.1
14	6141C1	PLUG, SPARK ......INCLUDES: Spark plug check	0.1

Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
1	12204-ZE1-306	GUIDE, IN. VALVE(O.S.)	1	1	1	1	-	-	-	-		
2	12205-ZE1-315	GUIDE, EX. VALVE(O.S.)	1	1	1	1	-	-	-	-		
3	12210-Z1T-010	HEAD COMP., CYLINDER	1	1	1	1	-	-	-	-	----- DF1,DFX1	
	12210-Z1T-000	.....	1	1	-	-	-	-	-	-	----- 1639414 DF,DFX	
	12210-Z1T-010	.....	1	1	-	-	-	-	-	-	1639415 ----- DF,DFX	
	12210-Z1T-405	.....	-	-	-	-	1	1	1	1		
4	12216-ZE5-300	CLIP, VALVE GUIDE	1	1	1	1	-	-	-	-		
5	12251-Z1T-003	GASKET, CYLINDER HEAD (GUANGZHOU LEAKLESS)	1	1	1	1	-	-	-	-		
	12251-Z1T-701	GASKET, CYLINDER HEAD (NINGBO SIL GASKET)	1	1	1	1	-	-	-	-		
	12251-ZL0-003	GASKET, CYLINDER HEAD (NIPPON LEAKLESS)	-	-	-	-	1	1	1	1		
6	12310-ZE1-020	COVER COMP., HEAD	1	1	1	1	1	1	1	1		
7	12312-Z1T-701	PACKING, HEAD COVER (NINGBO SIL GASKET)	1	1	1	1	1	1	1	1		
	12391-ZE1-000	PACKING, HEAD COVER	1	1	1	1	1	1	1	1		
8	15721-ZH8-000	TUBE, BREATHER	1	1	1	1	1	1	1	1		
9	90013-883-000	BOLT, FLANGE, 6X12(CT200) ...	4	4	4	4	4	4	4	4		
10	90043-ZE1-020	BOLT, STUD, 6X112	2	2	2	2	-	-	-	-		
	90043-ZDK-000	.....	-	-	-	-	2	2	2	2		
11	90047-ZE1-000	BOLT, STUD, 8X32	2	2	2	2	-	-	-	-		
	90047-ZDK-000	.....	-	-	-	-	2	2	2	2		
12	94301-10160	DOWEL PIN, 10X16	2	2	2	2	2	2	2	2		
13	95701-08060-00	BOLT, FLANGE, 8X60	4	4	4	4	4	4	4	4	----- DF1,DFX1	
	95723-08060-00	.....	4	4	-	-	-	-	-	-	----- 1615780 DF,DFX	
	95701-08060-00	.....	4	4	-	-	-	-	-	-	1615781 ----- DF,DFX	

2

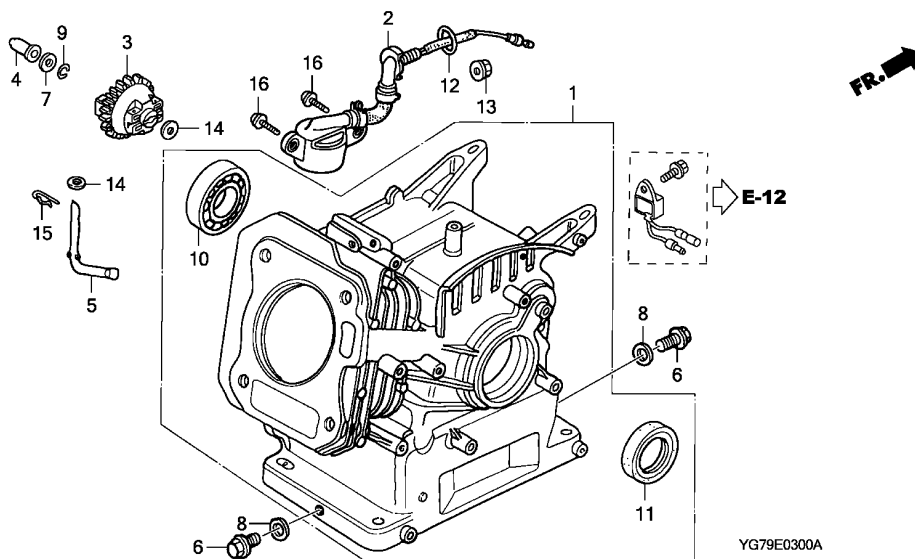


Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
14	98079-56846	PLUG, SPARK (BPR6ES) (NGK)	1	1	1	1	1	1	1	1		
	98079-56855	PLUG, SPARK (W20EPR-U) (DENSO)	1	1	1	1	1	1	1	1		

E-3

CYLINDER BARREL

D 3



YG79E0300A

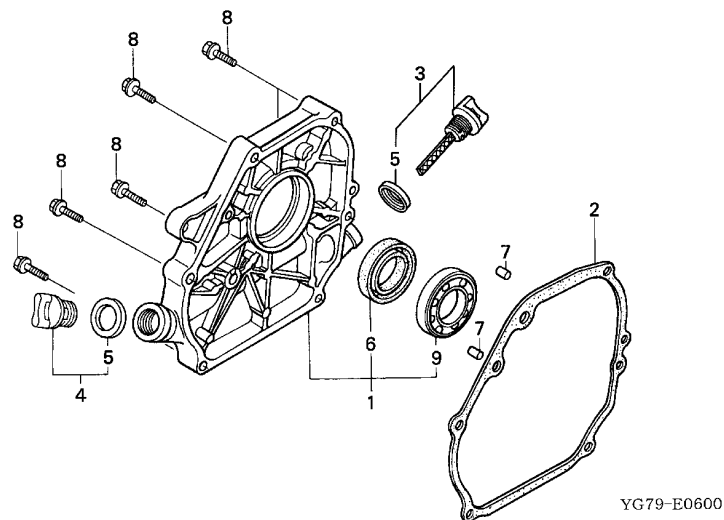
Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	1101A0	BARREL, CYLINDER ......INCLUDES: Engine removal and installation	2.4
2	6151E8	SWITCH, OIL LEVEL (12)	1.0
3	1161C4	GOVERNOR ASSEMBLY ......INCLUDES: Engine removal and installation	1.7
4	1161B6	SLIDER, GOVERNOR ......INCLUDES: Engine removal and installation	0.8
5	1161B4	SHAFT, GOVERNOR ARM ......INCLUDES: Engine removal and installation	1.6
10	1101A7	BEARING, CRANKSHAFT :RIGHT ....INCLUDES: Engine removal and installation	1.8
11	1101E3	OIL SEAL, CRANKSHAFT :RIGHT .. .INCLUDES: Engine removal and installation	1.7

Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
1	12000-Z1T-405	BARREL ASSY., CYLINDER	1	1	1	1	-	-	-	-	-----	DF,DF1
	12000-Z1T-406	.....	1	1	1	1	-	-	-	-	-----	DFX,DFX1
	12000-ZDK-405	.....	-	-	-	-	1	1	1	1	-----	DF1
	12000-ZDK-406	.....	-	-	-	-	1	1	1	1	-----	DFX1
2	35480-Z0T-003	SWITCH ASSY., OIL LEVEL	1	1	1	1	1	1	1	1	-----	DFX,DFX1
	15510-ZE1-033	.....	1	1	-	-	-	-	-	-	-----	DFX
3	16510-Z1T-000	GOVERNOR ASSY.	1	1	1	1	1	1	1	1		
4	16531-Z1T-000	SLIDER, GOVERNOR	1	1	1	1	1	1	1	1		
5	16541-Z1T-000	SHAFT, GOVERNOR ARM	1	1	1	1	1	1	1	1		
6	90131-ZE1-000	BOLT, DRAIN PLUG	2	2	2	2	2	2	2	2		
7	90451-Z1T-000	WASHER, THRUST, 6MM	1	1	1	1	1	1	1	1		
8	90601-ZE1-000	WASHER, DRAIN PLUG, 10.2MM ..	2	2	2	2	2	2	2	2		
9	90602-ZE1-000	CLIP, GOVERNOR HOLDER	1	1	1	1	1	1	1	1		
10	91001-Z1T-003	BEARING, RADIAL BALL, 6205 (NSK)	1	1	1	1	1	1	1	1		
	91001-ZF1-003	BEARING, RADIAL BALL(6205TMB) (NTN)	1	1	1	1	1	1	1	1		
	91001-ZF1-004	BEARING, RADIAL BALL(6205SH) (KOYO)	1	1	1	1	1	1	1	1		
11	91202-Z1T-003	OIL SEAL, 25X41X6	1	1	1	1	1	1	1	1		
12	91353-Z7E-003	O-RING, 14MM	1	1	1	1	1	1	1	1	-----	DFX1
	91353-671-004	O-RING, 14MM(NOK)	1	1	-	-	-	-	-	-	-----	DFX
13	94050-10000	NUT, FLANGE, 10MM	1	1	1	1	1	1	1	1	-----	DFX,DFX1
14	94101-06800	WASHER, PLAIN, 6MM	2	2	2	2	2	2	2	2		
15	94251-08000	PIN, LOCK, 8MM	1	1	1	1	1	1	1	1		
16	95701-06012-00	BOLT, FLANGE, 6X12	2	2	2	2	2	2	2	2	-----	DFX,DFX1

E-6

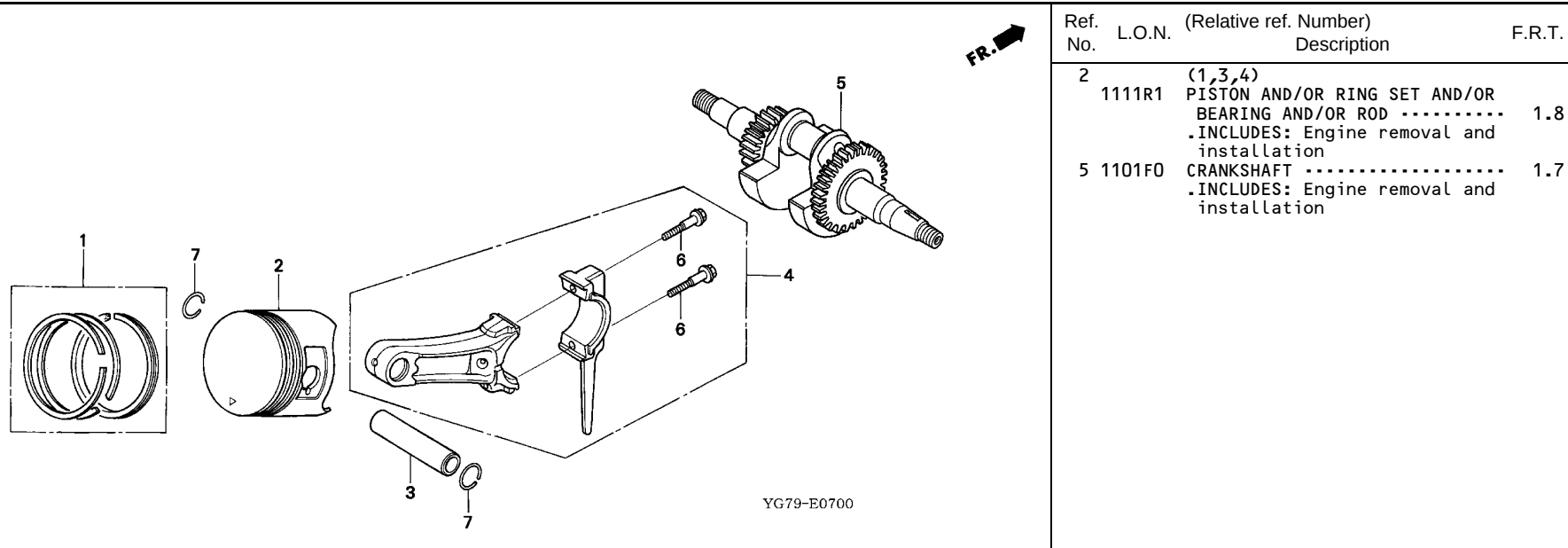
CRANKCASE COVER

D 4

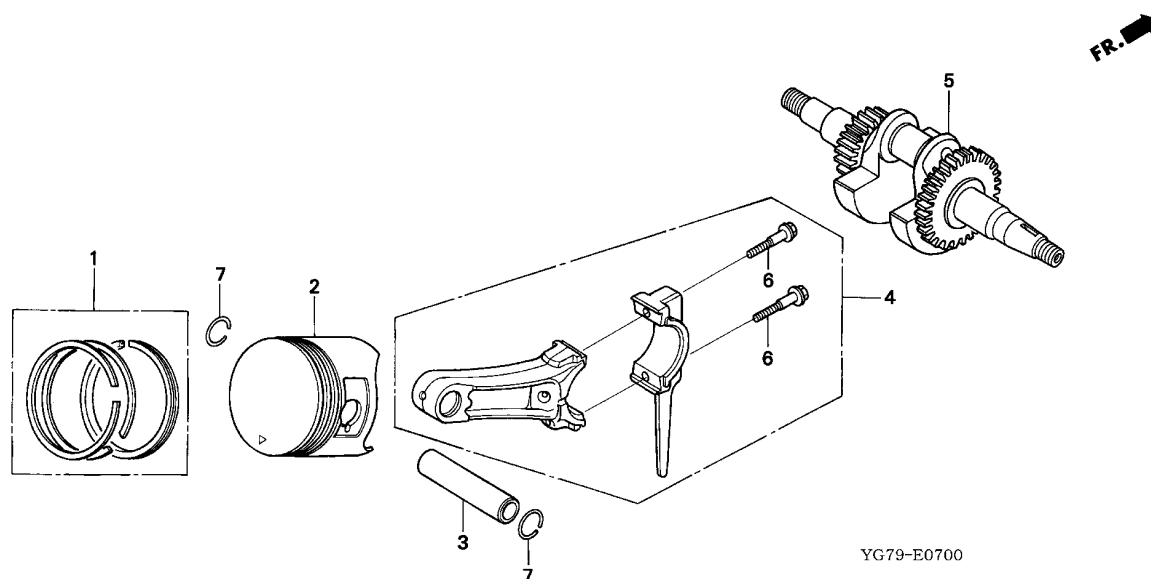


Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	1101F1	COVER, CRANKCASE	0.6
2	1101E9	PACKING, CRANKCASE COVER	0.6
6	1101C0	OIL SEAL, CRANKSHAFT :LEFT ...	0.7
9	1101A5	BEARING, CRANKSHAFT :LEFT	0.7

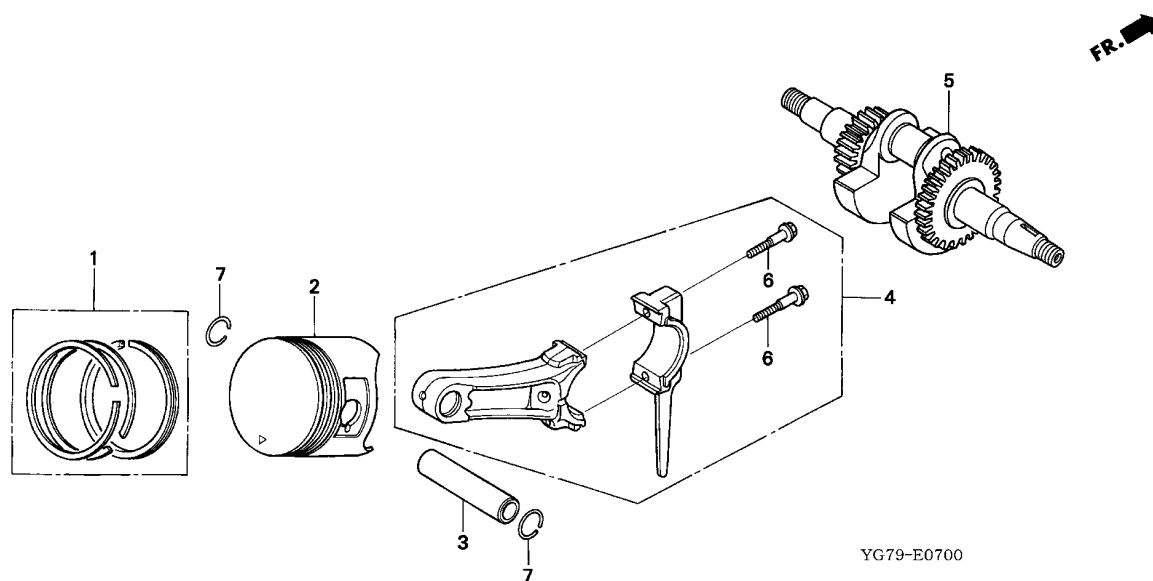
Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
1	11300-Z1T-630	COVER ASSY., CRANKCASE	1	1	1	1	-	-	-	-		
	11300-ZDK-630	.....	-	-	-	-	1	1	1	1		
2	11381-Z1T-701	PACKING, CASE COVER (NINGBO SIL GASKET)	1	1	1	1	-	-	-	-		
	11381-ZH8-801	PACKING, CASE COVER (NON ASBESTOS)	1	1	1	1	-	-	-	-		
3	15600-Z1T-000	CAP ASSY., OIL FILLER	1	1	1	1	1	1	1	1		
4	15600-Z1T-600	CAP ASSY., OIL FILLER	1	1	1	1	1	1	1	1		
5	15625-Z1T-000	PACKING, OIL FILLER CAP	2	2	2	2	2	2	2	2		
6	91202-Z1T-003	OIL SEAL, 25X41X6	1	1	1	1	1	1	1	1		
7	94301-08140	DOWEL PIN, 8X14	2	2	2	2	2	2	2	2		
8	95701-08032-00	BOLT, FLANGE, 8X32	6	6	6	6	6	6	6	6		
9	96100-62050-00	BEARING, RADIAL BALL, 6205 ..	1	1	1	1	1	1	1	1		



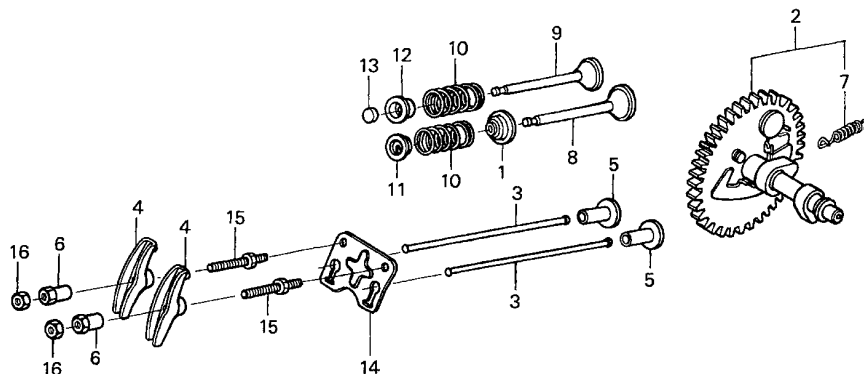
Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 30 XH1	WL 30 XH	WL 30 XH1		
1	13010-Z4K-004	RING SET, PISTON(STD.) (TPR) -	1	1	1	1	1	1	1	1	-----	DF1,DFX1
	13010-Z4P-003	RING SET, PISTON(STD.) (RIKEN)	1	1	1	1	1	1	1	1	-----	DF1,DFX1
	13011-Z4K-004	RING SET, PISTON(0.25) (TPR) -	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-----	DF1,DFX1
	13011-Z4P-003	RING SET, PISTON(0.25) (RIKEN)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-----	DF1,DFX1
	13012-Z4K-004	RING SET, PISTON(0.50) (TPR) -	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-----	DF1,DFX1
	13012-Z4P-003	RING SET, PISTON(0.50) (RIKEN)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-----	DF1,DFX1
	13013-Z4K-004	RING SET, PISTON(0.75) (TPR) -	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-----	DF1,DFX1
	13013-Z4P-003	RING SET, PISTON(0.75) (RIKEN)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-----	DF1,DFX1
	13010-Z1T-701	RING SET, PISTON(STD.) (FUJIAN DONGYA MACHINERY)	1	1	-	-	-	-	-	-	-----	
	13011-Z1T-701	RING SET, PISTON(0.25) (FUJIAN DONGYA MACHINERY)	(1)	(1)	-	-	-	-	-	-	-----	
	13012-Z1T-701	RING SET, PISTON(0.50) (FUJIAN DONGYA MACHINERY)	(1)	(1)	-	-	-	-	-	-	-----	
	13013-Z1T-701	RING SET, PISTON(0.75) (FUJIAN DONGYA MACHINERY)	(1)	(1)	-	-	-	-	-	-	-----	
	13010-Z1T-003	RING SET, PISTON(STD.) (RIKEN)	1	1	-	-	-	-	-	-	-----	1401859 DF,DFX
	13011-Z1T-003	RING SET, PISTON(0.25) (RIKEN)	(1)	(1)	-	-	-	-	-	-	-----	1401859 DF,DFX
	13012-Z1T-003	RING SET, PISTON(0.50) (RIKEN)	(1)	(1)	-	-	-	-	-	-	-----	1401859 DF,DFX
	13013-Z1T-003	RING SET, PISTON(0.75) (RIKEN)	(1)	(1)	-	-	-	-	-	-	-----	1401859 DF,DFX
	13010-ZL0-003	RING SET, PISTON(STD.) (TEIKOKU)	1	1	-	-	-	-	-	-	-----	1639414 DF,DFX
	13010-ZL0-004	RING SET, PISTON(STD.) (NIPPON)	1	1	-	-	-	-	-	-	-----	1639414 DF,DFX
	13011-ZL0-003	RING SET, PISTON(0.25) (TEIKOKU)	(1)	(1)	-	-	-	-	-	-	-----	1639414 DF,DFX
	13011-ZL0-004	RING SET, PISTON(0.25) (NIPPON)	(1)	(1)	-	-	-	-	-	-	-----	1639414 DF,DFX
	13012-ZL0-003	RING SET, PISTON(0.50) (TEIKOKU)	(1)	(1)	-	-	-	-	-	-	-----	1639414 DF,DFX
	13012-ZL0-004	RING SET, PISTON(0.50) (NIPPON)	(1)	(1)	-	-	-	-	-	-	-----	1639414 DF,DFX



Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
(1)	13013-ZL0-003	RING SET, PISTON(0.75)										
		(TEIKOKU)	(1)	(1)	-	-	-	-	-	-	-----	1639414 DF,DFX
	13013-ZL0-004	RING SET, PISTON(0.75) (NIPPON)	(1)	(1)	-	-	-	-	-	-	-----	1639414 DF,DFX
	13010-Z1T-801	RING SET, PISTON(STD.) (RIKEN)	1	1	-	-	-	-	-	-	1401860	1639414 DF,DFX
	13011-Z1T-801	RING SET, PISTON(0.25) (RIKEN)	(1)	(1)	-	-	-	-	-	-	1401860	1639414 DF,DFX
	13012-Z1T-801	RING SET, PISTON(0.50) (RIKEN)	(1)	(1)	-	-	-	-	-	-	1401860	1639414 DF,DFX
	13013-Z1T-801	RING SET, PISTON(0.75) (RIKEN)	(1)	(1)	-	-	-	-	-	-	1401860	1639414 DF,DFX
	13010-Z4K-004	RING SET, PISTON(STD.) (TPR)	1	1	-	-	-	-	-	-	1639415	----- DF,DFX
	13010-Z4P-003	RING SET, PISTON(STD.) (RIKEN)	1	1	-	-	-	-	-	-	1639415	----- DF,DFX
	13011-Z4K-004	RING SET, PISTON(0.25) (TPR)	(1)	(1)	-	-	-	-	-	-	1639415	----- DF,DFX
	13011-Z4P-003	RING SET, PISTON(0.25) (RIKEN)	(1)	(1)	-	-	-	-	-	-	1639415	----- DF,DFX
	13012-Z4K-004	RING SET, PISTON(0.50) (TPR)	(1)	(1)	-	-	-	-	-	-	1639415	----- DF,DFX
	13012-Z4P-003	RING SET, PISTON(0.50) (RIKEN)	(1)	(1)	-	-	-	-	-	-	1639415	----- DF,DFX
	13013-Z4K-004	RING SET, PISTON(0.75) (TPR)	(1)	(1)	-	-	-	-	-	-	1639415	----- DF,DFX
	13013-Z4P-003	RING SET, PISTON(0.75) (RIKEN)	(1)	(1)	-	-	-	-	-	-	1639415	----- DF,DFX
2	13101-Z1T-010	PISTON(STD.) (JIALING-HONDA)	1	1	1	1	1	1	1	1	-----	DF1,DFX1
	13102-ZH8-020	PISTON(0.25)	(1)	(1)	(1)	(1)	-	-	-	-	-----	DF1,DFX1
	13103-ZH8-020	PISTON(0.50)	(1)	(1)	(1)	(1)	-	-	-	-	-----	DF1,DFX1
	13104-ZH8-020	PISTON(0.75)	(1)	(1)	(1)	(1)	-	-	-	-	-----	DF1,DFX1
	13101-Z1T-000	PISTON(STD.) (JIALING-HONDA)	1	1	-	-	-	-	-	-	-----	1639414 DF,DFX
	13101-ZH8-010	PISTON(STD.)	1	1	-	-	-	-	-	-	-----	1639414 DF,DFX
	13102-ZH8-010	PISTON(0.25)	(1)	(1)	-	-	-	-	-	-	-----	1639414 DF,DFX
	13103-ZH8-010	PISTON(0.50)	(1)	(1)	-	-	-	-	-	-	-----	1639414 DF,DFX
	13104-ZH8-010	PISTON(0.75)	(1)	(1)	-	-	-	-	-	-	-----	1639414 DF,DFX
	13101-Z1T-010	PISTON(STD.) (JIALING-HONDA)	1	1	-	-	-	-	-	-	1639415	----- DF,DFX
	13101-ZH8-020	PISTON(STD.)	1	1	-	-	-	-	-	-	1639415	----- DF,DFX
	13102-ZH8-020	PISTON(0.25)	(1)	(1)	-	-	-	-	-	-	1639415	----- DF,DFX
	13103-ZH8-020	PISTON(0.50)	(1)	(1)	-	-	-	-	-	-	1639415	----- DF,DFX
	13104-ZH8-020	PISTON(0.75)	(1)	(1)	-	-	-	-	-	-	1639415	----- DF,DFX



Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
(2)	13102-Z1T-000	PISTON(0.25)	-	-	-	-	(1)	(1)	(1)	(1)		
	13103-Z1T-000	PISTON(0.50)	-	-	-	-	(1)	(1)	(1)	(1)		
	13104-Z1T-000	PISTON(0.75)	-	-	-	-	(1)	(1)	(1)	(1)		
3	13111-Z1T-000	PIN, PISTON	1	1	1	1	1	1	1	1		
4	13200-Z1T-600	ROD ASSY., CONNECTING(JLH) ..	1	1	1	1	1	1	1	1	-----	DF1,DFX1
	13200-Z0T-800	ROD ASSY., CONNECTING(TH) ...	1	1	-	-	-	-	-	-	-----	DF,DFX
5	13310-YB4-010	CRANKSHAFT COMP.	1	1	-	-	-	-	-	-		
	13310-Z1T-870	.....	-	-	1	1	1	1	1	1		
6	90001-ZE1-000	BOLT, CONNECTING ROD	2	2	-	-	-	-	-	-	-----	DF,DFX
	90001-Z1T-000	.....	-	-	-	-	-	-	-	-	-----	DF1,DFX1
		(FOR JLH)	2	2	-	-	-	-	-	-	-----	DF1,DFX1
7	90551-ZE1-000	CLIP, PISTON PIN, 18MM	2	2	2	2	2	2	2	2		



YG79-E0900

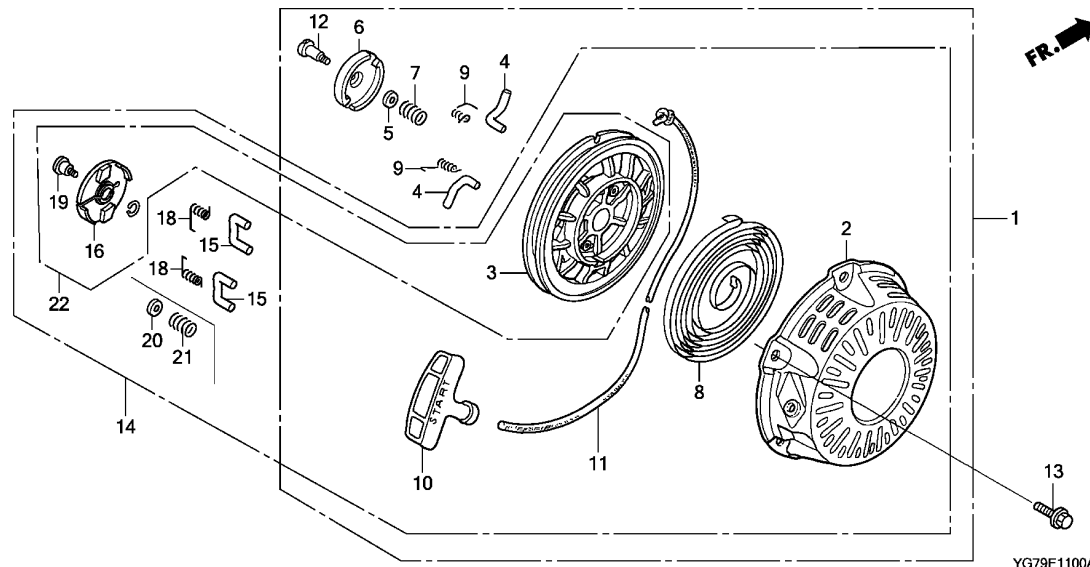
Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	1111K2	SEAL, INTAKE VALVE STEM ......INCLUDES: Valve clearance adjustment	0.6
2	1111C2	CAMSHAFT ......INCLUDES: Valve clearance adjustment	0.9
3	1111L6	ROD, PUSH :INTAKE ......INCLUDES: Valve clearance adjustment	0.2
	1111L7	ROD, PUSH :EXHAUST ......INCLUDES: Valve clearance adjustment	0.2
	1111L8	ROD, PUSH :BOTH ......INCLUDES: Valve clearance adjustment	0.3
4	1111A2	ARM, ROCKER :INTAKE ......INCLUDES: Valve clearance adjustment	0.2
	1111A2A	.Replace exhaust rocker arm add	0.1
	1111A1	ARM, ROCKER :EXHAUST ......INCLUDES: Valve clearance adjustment	0.2
	1111A1A	.Replace intake rocker arm add	0.1
+ 5	1111L9	LIFTER, VALVE :INTAKE ......INCLUDES: Valve clearance adjustment	0.9

Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
1	12209-ZH8-003	SEAL, VALVE STEM	1	1	1	1	1	1	1	1		
2	14100-Z1T-810	CAMSHAFT ASSY.(JLH)	1	1	1	1	1	1	1	1		
3	14410-ZE1-010	ROD, PUSH	2	2	2	2	2	2	2	2		
4	14431-ZE1-000	ARM, VALVE ROCKER	2	2	2	2	2	2	2	2		
5	14441-ZE1-010	LIFTER, VALVE	2	2	2	2	2	2	2	2		
6	14451-Z7E-000	PIVOT, ROCKER ARM	2	2	2	2	2	2	2	2	----- DF1,DFX1	
	14451-ZE1-013	.....	2	2	-	-	-	-	-	-	----- DF,DFX	
7	14568-ZE1-000	SPRING, WEIGHT RETURN	1	1	1	1	1	1	1	1		
8	14711-ZF1-000	VALVE, IN.	1	1	1	1	1	1	1	1		
9	14721-ZF1-000	VALVE, EX.	1	1	1	1	1	1	1	1		
10	14751-ZF1-000	SPRING, VALVE	2	2	2	2	2	2	2	2		
11	14771-ZE1-000	RETAINER, IN. VALVE SPRING ..	1	1	1	1	1	1	1	1		
12	14773-ZE1-000	RETAINER, EX. VALVE SPRING ..	1	1	1	1	1	1	1	1		
13	14781-ZE1-000	ROTATOR, VALVE	1	1	1	1	1	1	1	1		
14	14791-ZE1-010	PLATE, PUSH ROD GUIDE	1	1	1	1	1	1	1	1		
15	90012-ZE0-010	BOLT, PIVOT, 8MM	2	2	2	2	2	2	2	2		
16	90206-ZE1-000	NUT, PIVOT ADJUSTING	2	2	2	2	2	2	2	2		

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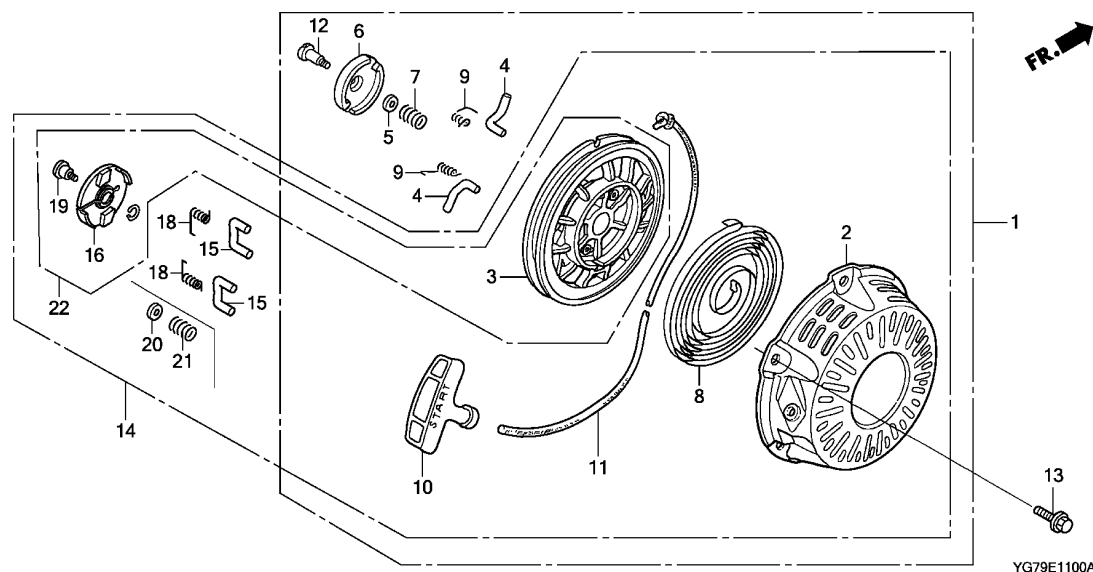
RECOIL STARTER(WB20XH/WB30XH/WB30XH2/WB30XH3)

D10



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1		(14)	
1121B9		STARTER, RECOIL	0.1
3		(22)	
1121B1		REEL, RECOIL STARTER	0.3
4		(9,15,18)	
1121B0		STARTER RATCHET AND/OR SPRING	0.2
		.NOTE: Same time for two units	
6		(7,16,21)	
1121A4		GUIDE, RATCHET	0.2
8 1121B7		SPRING, RECOIL STARTER RETURN	0.3
10 1121A3		GRIP, RECOIL STARTER	0.1
11 1121B3		ROPE, RECOIL STARTER	0.3

Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
1	28400-ZH8-023YA	STARTER ASSY., RECOIL										
	R280	POWER RED	1	1	-	-	-	-	-	-	2066868	DF,DFX
	28400-Z1T-003ZA	*R280*.....POWER RED	1	1	-	-	-	-	-	-	2593105	DF1,DFX1
	28400-ZH8-033YA	*R280*.....POWER RED	1	1	-	-	-	-	-	-	2066869	2608292 DF,DFX
	28400-Z0T-003ZB	*R280*.....POWER RED	1	1	-	-	-	-	-	-	2593106	3103958 DF1,DFX1
			1	1	-	-	-	-	-	-	2608293	3103958 DF,DFX
2	28410-ZH8-003YA	CASE COMP., RECOIL STARTER										
	R280	POWER RED	1	1	-	-	-	-	-	-	3103958	
	28410-Z1T-701ZB	*R280*.....POWER RED	1	1	-	-	-	-	-	-	3103959	-----
			-	-	1	1	-	-	-	-		
3	28421-Z1T-003	REEL, RECOIL STARTER	1	1	-	-	-	-	-	-	2593105	DF1,DFX1
	28421-ZH8-801	REEL, RECOIL STARTER(BLACK) -	1	1	-	-	-	-	-	-	2608292	DF,DFX
	28421-Z0T-003	REEL, RECOIL STARTER	1	1	-	-	-	-	-	-	2593106	3103958 DF1,DFX1
			1	1	-	-	-	-	-	-	2608293	3103958 DF,DFX
	28421-Z1T-702	REEL, RECOIL STARTER(BLACK) -	1	1	-	-	-	-	-	-	3807942	-----
			-	-	1	1	-	-	-	-		
4	28422-ZH8-801	RATCHET, STARTER	2	2	-	-	-	-	-	-	3103958	
5	28431-ZH8-801	PLATE, FRICTION	1	1	-	-	-	-	-	-	3103958	
6	28433-ZH8-801	GUIDE, RATCHET	1	1	-	-	-	-	-	-	3103958	
7	28441-ZH8-801	SPRING, FRICTION	1	1	-	-	-	-	-	-	3103958	
8	28442-ZH8-003	SPRING, RECOIL STARTER	1	1	1	1	-	-	-	-		
9	28443-ZH8-801	SPRING, RETURN	2	2	-	-	-	-	-	-	3103958	
10	28461-ZH8-013	KNOB, RECOIL STARTER	1	1	1	1	-	-	-	-	-----	DF1,DFX1
	28461-ZH8-003	GRIP, STARTER	1	1	-	-	-	-	-	-	2066868	DF,DFX
	28461-ZH8-013	KNOB, RECOIL STARTER	1	1	-	-	-	-	-	-	2066869	----- DF,DFX
11	28462-Z1T-701	ROPE, RECOIL STARTER	1	1	-	-	-	-	-	-	-----	DF
	28462-ZH8-003	.....	1	1	-	-	-	-	-	-	3103958	

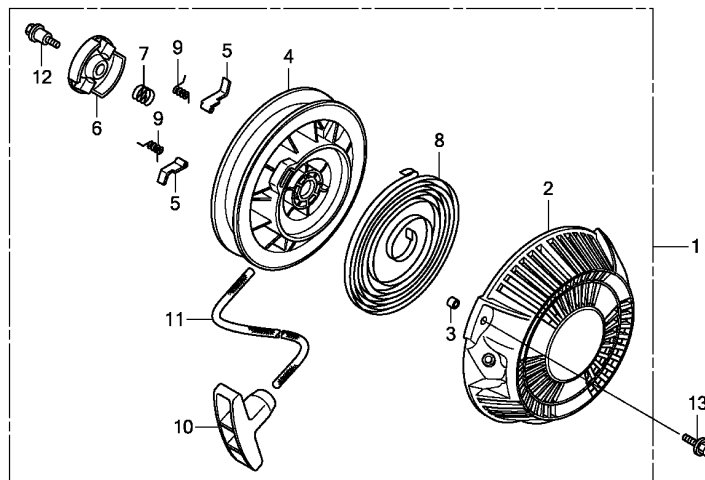


Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
11)	28462-Z1T-701	ROPE, RECOIL STARTER	1	1	-	-	-	-	-	-	3103959	----- DF1,DFX,DFX1
12	90003-ZH8-801	SCREW, SETTING	1	1	-	-	-	-	-	-	----- 3103958	
13	90008-Z1T-000	BOLT, FLANGE, 6X10	3	3	3	3	-	-	-	-		
14	28400-Z1T-701ZB	STARTER ASSY., RECOIL										
	R280	POWER RED	1	1	-	-	-	-	-	-	3103959	3807941
	28400-Z1T-702ZB	*R280*	1	1	-	-	-	-	-	-	3807942	-----
15	28422-Z1T-701	RATCHET, STARTER	2	2	-	-	-	-	-	-	----- DF	
			2	2	-	-	-	-	-	-	3103959	----- DF1,DFX,DFX1
			-	-	2	2	-	-	-	-		
16	28433-Z1T-702	GUIDE, RATCHET	1	1	-	-	-	-	-	-	3807942	-----
			-	-	1	1	-	-	-	-		
18	28443-Z1T-701	SPRING, RETURN	2	2	-	-	-	-	-	-	----- DF	
			2	2	-	-	-	-	-	-	3103959	----- DF1,DFX,DFX1
			-	-	2	2	-	-	-	-		
19	90003-ZH8-801	SCREW, SETTING	1	1	-	-	-	-	-	-	3807942	-----
			-	-	1	1	-	-	-	-		
20	28431-ZH8-801	PLATE, FRICTION	1	1	-	-	-	-	-	-	3807942	-----
			-	-	1	1	-	-	-	-		
21	28441-ZH8-801	SPRING, FRICTION	1	1	-	-	-	-	-	-	3807942	-----
			-	-	1	1	-	-	-	-		
22	06280-Z1T-305	STARTER SET, RECOIL	1	1	-	-	-	-	-	-	3103959	3807941
			-	-	1	1	-	-	-	-		

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RECOIL STARTER(WL20XH/WL20XH1/WL30XH/WL30XH1)

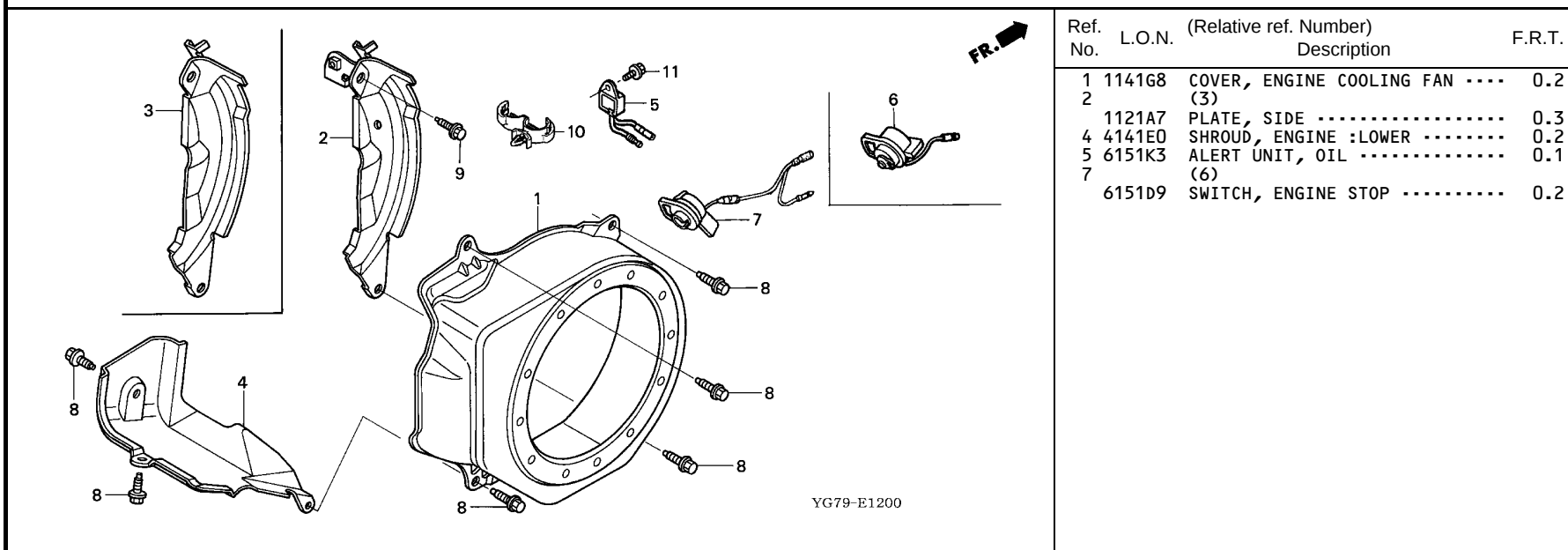
D12



YG79E1101

Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	1121B9	STARTER, RECOIL	0.1
4	1121B1	REEL, RECOIL STARTER	0.3
5		(9)	
	1121B0	STARTER RATCHET AND/OR SPRING	0.2
		.NOTE: Same time for two units (7)	
6			
	1121A4	GUIDE, RATCHET	0.2
8	1121B7	SPRING, RECOIL STARTER RETURN	0.3
10	1121A3	GRIP, RECOIL STARTER	0.1
11	1121B3	ROPE, RECOIL STARTER	0.3

Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
1	28400-ZDK-003	STARTER ASSY., RECOIL	-	-	-	-	1	1	1	1		
2	28414-ZDK-003	CASE, RECOIL STARTER	-	-	-	-	1	1	1	1		
3	28415-ZDK-003	COLLAR, RECOIL STARTER	-	-	-	-	3	3	3	3		
4	28421-ZDK-003	REEL, RECOIL STARTER	-	-	-	-	1	1	1	1		
5	28422-ZDK-003	RATCHET, STARTER	-	-	-	-	2	2	2	2		
6	28433-ZDK-003	GUIDE, RATCHET	-	-	-	-	1	1	1	1		
7	28441-ZDK-003	SPRING, FRICTION	-	-	-	-	1	1	1	1		
8	28442-ZDK-003	SPRING, RECOIL STARTER	-	-	-	-	1	1	1	1		
9	28443-ZDK-003	SPRING, RETURN	-	-	-	-	2	2	2	2		
10	28461-ZDK-003	KNOB, RECOIL STARTER	-	-	-	-	1	1	1	1		
11	28462-ZDK-003	ROPE, RECOIL STARTER	-	-	-	-	1	1	1	1		
12	90003-ZDK-003	SCREW, SETTING	-	-	-	-	1	1	1	1		
13	95701-06016-00	BOLT, FLANGE, 6X16	-	-	-	-	3	3	3	3		

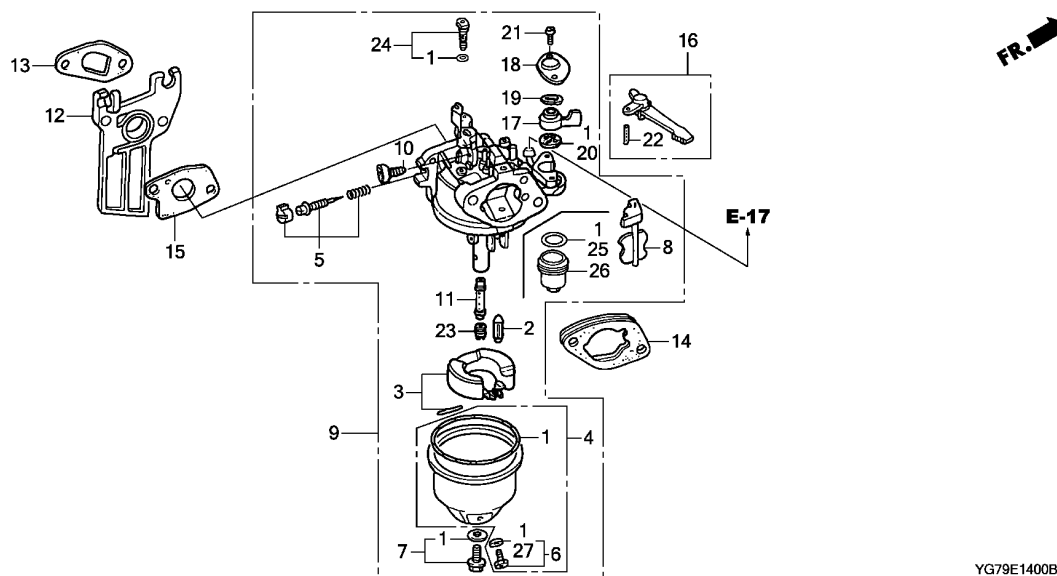


Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20	WB 30	WB 30	WB 30	WL 20	WL 30	WL 30	WL 30		
			XH	XH	XH2	XH3	XH	XH1	XH	XH1		
1	19610-ZE1-010ZP	COVER COMP., FAN										
		R280.....POWER RED	1	1	1	-	-	-	-	-	-----	DF1,DFX1
	19610-ZE1-000ZP	*R280*.....POWER RED	1	1	-	-	-	-	-	-	1751731	DF,DFX
	19610-ZE1-010ZP	*R280*.....POWER RED	1	1	-	-	-	-	-	-	1751732	DF,DFX
	19610-Z1T-000ZA	*R280*.....POWER RED	-	-	-	1	-	-	-	-		
	19610-ZDK-000ZA	*NH31*.....MCKINLEY WHITE	-	-	-	-	1	1	1	1		
2	19611-ZH8-810	PLATE COMP., SIDE(OIL ALERT)	1	1	1	-	-	-	-	-	-----	DFX,DFX1
	19611-ZDK-810	.....	-	-	-	1	1	1	1	1	-----	DFX1
3	19612-ZH8-000	PLATE, SIDE(STD.)	1	1	1	1	1	1	1	1	-----	DF,DF1
4	19631-Z1T-000	SHROUD	1	1	1	1	-	-	-	-		
	19631-ZDK-000	.....	-	-	-	-	1	1	1	1		
5	34150-ZH7-003	ALERT UNIT, OIL	1	1	-	-	-	-	-	-	-----	DFX
	34150-ZH7-013	.....	1	1	-	-	-	-	-	-	-----	DFX1
	34150-ZH7-023	.....	-	-	1	1	1	1	1	1	-----	DFX1
6	35120-Z0D-V81	SWITCH ASSY., ENGINE STOP	1	1	1	1	1	1	1	1	-----	DF,DF1
7	36100-ZF6-P82	SWITCH ASSY., ENGINE STOP	1	1	1	1	1	1	1	1	-----	DFX,DFX1
	36100-ZF6-P81	.....	1	1	-	-	-	-	-	-	-----	DFX
8	90013-883-000	BOLT, FLANGE, 6X12(CT200)	6	6	6	6	6	6	6	6		
9	90022-888-010	BOLT, FLANGE, 6X20(CT200)	1	1	1	1	1	1	1	1		
10	90601-Z1T-003	CLIP, HARNESS	1	1	1	1	1	1	1	1	-----	DFX1
	90601-ZH7-013	.....	1	1	-	-	-	-	-	-	1957163	DFX
	90601-Z1T-003		1	1	-	-	-	-	-	-	1957164	DFX
11	95701-06008-00	BOLT, FLANGE, 6X8	1	1	1	1	1	1	1	1	-----	DFX,DFX1

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CARBURETOR(KEIHIN)

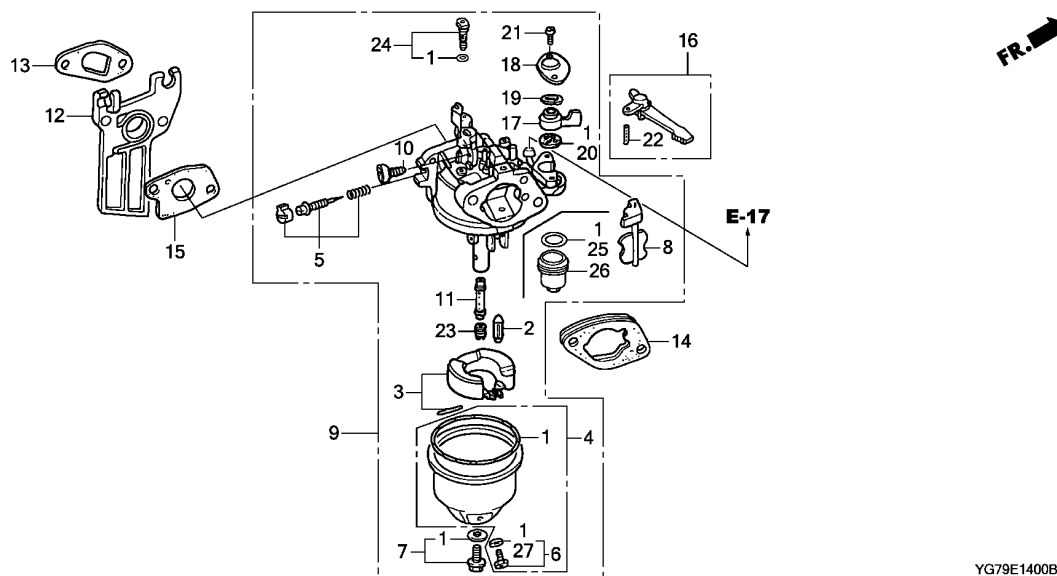
D14



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	3111B1	GASKET SET, CARBURETOR (3)	0.3
2	3111E1	FLOAT VALVE SET AND/OR FLOAT SET	0.3
5	3111D7	SCREW SET, PILOT	0.2
8	8101C5	CHOKE SET, CARBURETOR	0.3
9	3111F3	CARBURETOR	0.2
12	3111C0	CARBURETOR INSULATOR AND/OR PACKING	0.2
13	3111C0	CARBURETOR INSULATOR AND/OR PACKING	0.2
14	3111D9	SPACER, CARBURETOR	0.2
15	3111C8	PACKING, CARBURETOR	0.2
16	8101F9	LEVER, CARBURETOR CHOKE (17,18,19)	0.2
20	3101C5	PACKING, FUEL COCK (11)	0.2
23	3111C3	JET, MAIN (26)	0.3
25	3101L6	PACKING, FUEL STRAINER CUP	0.2

Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
1	16010-ZE0-025	GASKET SET	1	1	-	-	-	-	-	-	DF,DFX	
	16010-ZE1-812		-	-	1	1	-	-	-	-		
	16010-ZE0-025		-	-	-	-	1	1	1	1		
2	16011-ZE0-005	VALVE SET, FLOAT (CARBURETOR NO.)	1	1	-	-	-	-	-	-	BE66K A	DF,DFX
	16011-Z1T-711	(CARBURETOR NO.)	1	1	-	-	-	-	-	-	BEA2B A	DF,DFX
			-	-	1	1	1	1	1	1		
3	16013-ZE0-005	FLOAT SET (CARBURETOR NO.)	1	1	-	-	-	-	-	-	BE66E B	DF,DFX
	16013-Z0S-B01	(CARBURETOR NO.)	1	1	-	-	-	-	-	-	BE66K A	BE66K A DF,DFX
	16013-Z1T-711	(CARBURETOR NO.)	1	1	-	-	-	-	-	-	BEA2B A	DF,DFX
			-	-	1	1	1	1	1	1		
4	16015-ZE0-831	CHAMBER SET, FLOAT	1	1	-	-	-	-	-	-	DF,DFX	
			-	-	1	1	1	1	1	1		
5	16016-ZH7-W01	SCREW SET, PILOT	1	1	-	-	-	-	-	-	DF,DFX	
			-	-	1	-	-	-	-	-		
	16016-ZDK-003		-	-	-	1	-	1	-	1		
	16016-ZH7-W01		-	-	-	-	1	-	-	-		
	(CARBURETOR NO.)		-	-	-	-	1	-	1	-	BEA2F A	
	16016-ZDK-003	(CARBURETOR NO.)	-	-	-	-	1	-	1	-	BEA2F B	
6	16024-ZE1-811	SCREW SET, DRAIN	1	1	-	-	-	-	-	-	DF,DFX	
			-	-	1	1	1	1	1	1		
7	16028-ZE0-005	SCREW SET	1	1	-	-	-	-	-	-	DF,DFX	
			-	-	1	-	-	-	-	-		

Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
(7)	16028-ZDK-003	SCREW SET	-	-	-	1	-	1	-	1		
	16028-ZE0-005	 (CARBURETOR NO.)	-	-	-	-	1	-	1	-	BEA2F A	
	16028-ZDK-003	 (CARBURETOR NO.)	-	-	-	-	1	-	1	-	BEA2F B	-----
8	16044-ZE0-005	CHOKE SET	1	1	-	-	-	-	-	-	-----	DF,DFX
		.....	-	-	1	1	1	1	1	1		
9	16100-ZH8-W71	CARBURETOR ASSY.(BE66E B) ...	1	1	-	-	-	-	-	-	-----	1203759 DF,DFX
	16100-Z1T-W71	CARBURETOR ASSY.(BE66K A) ...	1	1	-	-	-	-	-	-	-----	1203760 3298632 DF,DFX
	16100-Z1T-701	CARBURETOR ASSY.(BEA2B A/B) ..	1	1	-	-	-	-	-	-	-----	3298633 DF,DFX
	16100-Z1T-711	CARBURETOR ASSY.(BEA4E A) ...	-	-	1	1	-	-	-	-		
	16100-ZDK-003	CARBURETOR ASSY.(BEA2F A/B/C)	-	-	-	-	1	1	1	1		
10	16124-ZE0-005	SCREW, THROTTLE STOP	1	1	-	-	-	-	-	-	-----	DF,DFX
		.....	-	-	1	1	1	1	1	1		
11	16166-ZH8-W60	NOZZLE, MAIN	1	1	-	-	-	-	-	-	-----	DF,DFX
	16166-ZH8-W50	.....	-	-	1	-	-	-	-	-		
	16166-ZDK-003	.....	-	-	-	1	-	1	-	1		
	16166-ZH8-W50	 (CARBURETOR NO.)	-	-	-	-	1	-	1	-	BEA2F A	-----
	16166-ZDK-003	 (CARBURETOR NO.)	-	-	-	-	1	-	1	-	BEA2F B	-----
12	16211-Z1T-000	INSULATOR, CARBURETOR(JLH) ..	1	1	-	-	-	-	-	-	-----	DF,DFX
		.....	-	-	1	1	1	1	1	1		
13	16212-Z1T-701	PACKING, INSULATOR (NINGBO SIL GASKET)	1	1	-	-	-	-	-	-	-----	DF,DFX
	16212-ZH8-800	PACKING, INSULATOR	1	1	-	-	-	-	-	-	-----	DF,DFX
	16212-Z1T-701	PACKING, INSULATOR (NINGBO SIL GASKET)	-	-	1	1	1	1	1	1		
	16212-ZH8-800	PACKING, INSULATOR	-	-	1	1	-	-	-	-		
14	16220-ZE1-020	SPACER COMP., CARBURETOR	1	1	-	-	-	-	-	-	-----	DF,DFX
		.....	-	-	1	1	1	1	1	1		
15	16221-Z1T-701	PACKING, CARBURETOR (NINGBO SIL GASKET)	1	1	-	-	-	-	-	-	-----	DF,DFX
	16221-ZH8-801	PACKING, CARBURETOR	1	1	-	-	-	-	-	-	-----	DF,DFX
	16221-Z1T-701	PACKING, CARBURETOR (NINGBO SIL GASKET)	-	-	1	1	1	1	1	1		
	16221-ZH8-801	PACKING, CARBURETOR	-	-	1	1	-	-	-	-		
16	16610-Z1T-000	LEVER COMP., CHOKE(STD.)	1	1	-	-	-	-	-	-	-----	DF,DFX
		.....	-	-	1	1	1	1	1	1		
17	16953-ZE1-812	LEVER, COCK	1	1	-	-	-	-	-	-	-----	DF,DFX
		.....	-	-	1	-	-	-	-	-		
	16953-ZDK-003	.....	-	-	-	1	-	1	-	1		
	16953-ZE1-812	 (CARBURETOR NO.)	-	-	-	-	1	-	1	-	BEA2F A	-----
	16953-ZDK-003	 (CARBURETOR NO.)	-	-	-	-	1	-	1	-	BEA2F B	-----
18	16954-ZE1-812	PLATE, LEVER SETTING	1	1	-	-	-	-	-	-	-----	DF,DFX
		.....	-	-	1	1	1	1	1	1		
19	16956-ZE1-811	SPRING, COCK LEVER	1	1	-	-	-	-	-	-	-----	DF,DFX
		.....	-	-	1	1	1	1	1	1		
20	16957-ZE1-812	PACKING, FUEL COCK	1	1	-	-	-	-	-	-	-----	DF,DFX
		.....	-	-	1	1	1	1	1	1		
21	93500-03006-1H	SCREW, PAN, 3X6	2	2	-	-	-	-	-	-	-----	DF,DFX
		.....	-	-	2	2	2	2	2	2		

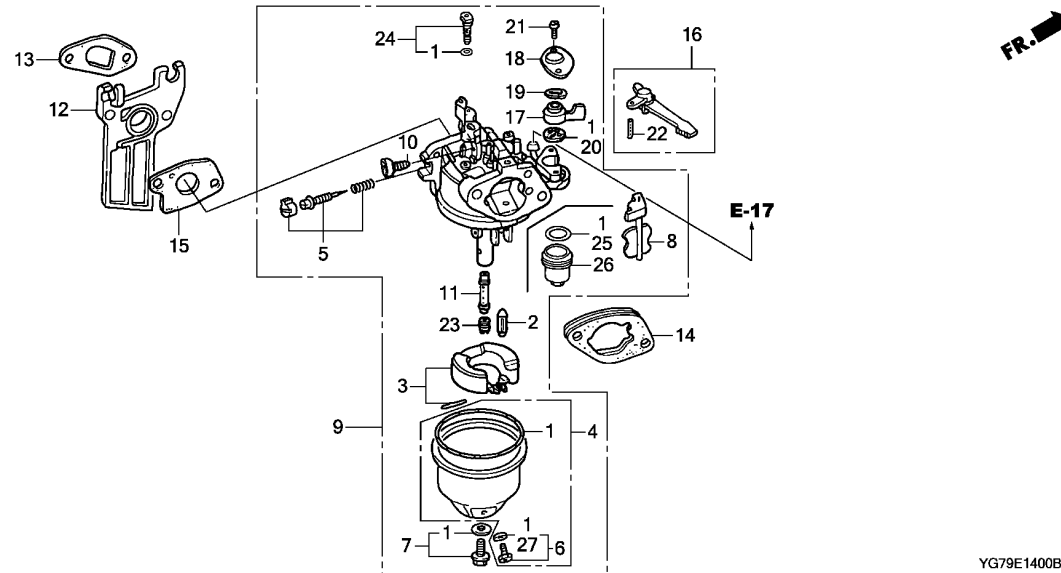


Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
22	94305-20122	PIN, SPRING, 2X12	1	1	-	-	-	-	-	-	-----	DF,DFX
23	99101-ZH8-0650	JET, MAIN, #65	(1)	(1)	-	-	-	-	-	-	-----	DF,DFX
	99101-ZH8-0680	JET, MAIN, #68	(1)	(1)	-	-	-	-	-	-	-----	DF,DFX
	99101-ZH8-0700	JET, MAIN, #70	1	1	-	-	-	-	-	-	-----	DF,DFX
	99101-ZH8-0650	JET, MAIN, #65	-	-	(1)	-	-	-	-	-		
	99101-ZH8-0680	JET, MAIN, #68	-	-	(1)	-	-	-	-	-		
	99101-ZH8-0700	JET, MAIN, #70	-	-	1	-	-	-	-	-		
	99101-ZDK-0680	JET, MAIN, #68	-	-	-	(1)	-	(1)	-	(1)		
	99101-ZDK-0650	JET, MAIN, #65	-	-	-	(1)	-	-	-	-		
	99101-ZDK-0700	JET, MAIN, #70	-	-	-	1	-	-	-	-		
	99101-ZH8-0680	JET, MAIN, #68	-	-	-	-	(1)	-	(1)	-	-----	BEA2F A
	99101-ZH8-0700	JET, MAIN, #70	-	-	-	-	(1)	-	(1)	-	-----	BEA2F A
	99101-ZH8-0720	JET, MAIN, #72	-	-	-	-	1	-	1	-	-----	BEA2F A
	99101-ZDK-0680	JET, MAIN, #68	-	-	-	-	(1)	-	(1)	-	BEA2F B	-----
	99101-ZDK-0700	JET, MAIN, #70	-	-	-	-	(1)	-	(1)	-	BEA2F B	-----
	99101-ZDK-0720	JET, MAIN, #72	-	-	-	-	1	-	1	-	BEA2F B	-----
	99101-ZDK-0700	JET, MAIN, #70	-	-	-	-	-	(1)	-	(1)		
	99101-ZDK-0720	JET, MAIN, #72	-	-	-	-	-	1	-	1		
24	99204-ZE0-0350	JET SET, PILOT, #35	1	1	-	-	-	-	-	-	-----	DF,DFX
25	16173-001-004	PACKING, FUEL STRAINER CUP ..	-	-	1	1	-	-	-	-		

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CARBURETOR(KEIHIN)

E 1



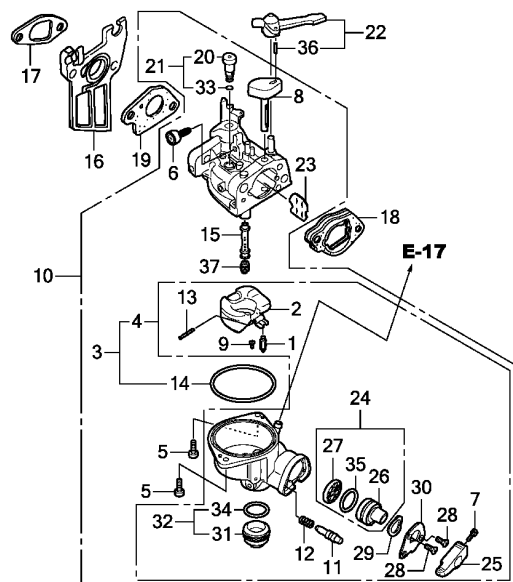
Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
26	16967-ZE0-811	CUP, FUEL STRAINER	-	-	1	1	-	-	-	-	----- DF,DFX	
27	16141-Z0S-003	WASHER, PLAIN(6.2X10.7 DRAIN)	1	1	-	-	-	-	-	-		
			-	-	1	1	1	1	1	1		

2

E-14-1

CARBURETOR(KEIHIN)

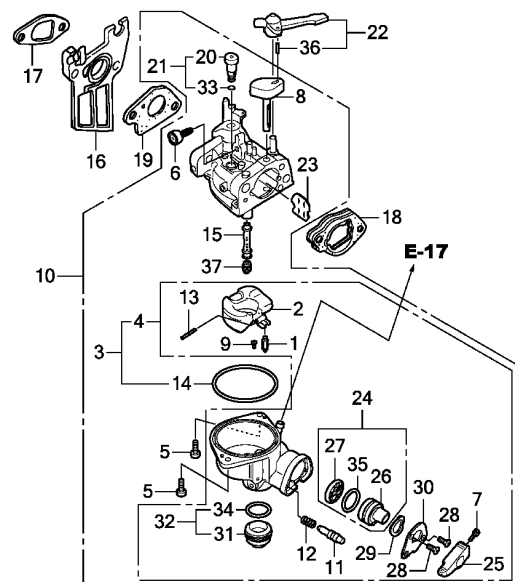
E 2



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Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1		(2)	
3111E1		FLOAT VALVE SET AND/OR FLOAT SET	0.3
3		(4,14)	
3111A3		FLOAT CHAMBER SET AND/OR GASKET	0.2
8		(23)	
3111J4		SHAFT, CARBURETOR CHOKE	0.3
10 3111F3		CARBURETOR	0.2
16		(17)	
3111C0		CARBURETOR INSULATOR AND/OR PACKING	0.2
18 3111D9		SPACER, CARBURETOR	0.2
19 3111C8		PACKING, CARBURETOR	0.2
22 8101F9		LEVER, CARBURETOR CHOKE	0.2
24		(11,12,26,27,35)	
3111X1		VALVE, FUEL COCK	0.3
25 3101E6		LEVER, FUEL COCK	0.2
37		(15)	
3111C3		JET, MAIN	0.3

Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
1	16011-Z1T-004	VALVE ASSY., IN.	1	1	-	-	-	-	-	-	-----	DF1,DFX1
2	16013-Z1T-004	FLOAT	1	1	-	-	-	-	-	-	-----	DF1,DFX1
3	16015-Z1T-004	CHAMBER SET, FLOAT	1	1	-	-	-	-	-	-	-----	DF1,DFX1
4	16019-Z1T-004	BOWL ASSY., FUEL	1	1	-	-	-	-	-	-	-----	DF1,DFX1
5	16029-Z1T-004	SCREW	2	2	-	-	-	-	-	-	-----	DF1,DFX1
6	16049-Z1T-004	SCREW, IDLE ADJUSTING	1	1	-	-	-	-	-	-	-----	DF1,DFX1
7	16055-Z1T-004	SCREW ASSY.	1	1	-	-	-	-	-	-	-----	DF1,DFX1
8	16058-Z1T-004	SHAFT, CHOKE	1	1	-	-	-	-	-	-	-----	DF1,DFX1
9	16081-Z1T-004	SCREW	1	1	-	-	-	-	-	-	-----	DF1,DFX1
10	16100-Z1T-004	CARBURETOR ASSY.(LMJ-45)	1	1	-	-	-	-	-	-	-----	DF1,DFX1
11	16127-Z1T-004	PISTON	1	1	-	-	-	-	-	-	-----	DF1,DFX1
12	16129-Z1T-004	SPRING	1	1	-	-	-	-	-	-	-----	DF1,DFX1
13	16152-Z1T-004	PIN	1	1	-	-	-	-	-	-	-----	DF1,DFX1
14	16163-Z1T-004	PACKING, FUEL BOWL	1	1	-	-	-	-	-	-	-----	DF1,DFX1
15	16166-Z1T-004	NOZZLE, MAIN	1	1	-	-	-	-	-	-	-----	DF1,DFX1
16	16211-Z1T-000	INSULATOR, CARBURETOR(JLH) ..	1	1	-	-	-	-	-	-	-----	DF1,DFX1
17	16212-Z1T-701	PACKING, INSULATOR	1	1	-	-	-	-	-	-	-----	DF1,DFX1
		(NINGBO SIL GASKET)	1	1	-	-	-	-	-	-	-----	DF1,DFX1
	16212-ZH8-800	PACKING, INSULATOR	1	1	-	-	-	-	-	-	-----	DF1,DFX1
18	16220-ZE1-020	SPACER COMP., CARBURETOR	1	1	-	-	-	-	-	-	-----	DF1,DFX1
19	16221-Z1T-701	PACKING, CARBURETOR	1	1	-	-	-	-	-	-	-----	DF1,DFX1
		(NINGBO SIL GASKET)	1	1	-	-	-	-	-	-	-----	DF1,DFX1
	16221-ZH8-801	PACKING, CARBURETOR	1	1	-	-	-	-	-	-	-----	DF1,DFX1
20	16361-Z1T-004	JET, SLOW	1	1	-	-	-	-	-	-	-----	DF1,DFX1
21	16364-Z1T-004	JET SET, SLOW	1	1	-	-	-	-	-	-	-----	DF1,DFX1



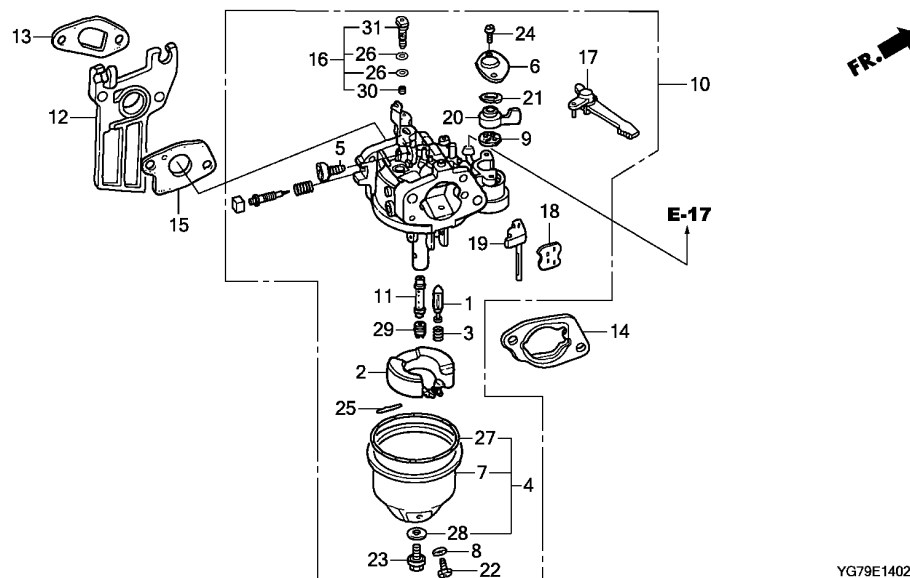
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Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
22	16610-Z1T-000	LEVER COMP., CHOKE(STD.)	1	1	-	-	-	-	-	-	DF1,DFX1	
23	16616-Z1T-004	VALVE, CHOKE	1	1	-	-	-	-	-	-	DF1,DFX1	
24	16942-Z1T-004	VALVE SET, COCK	1	1	-	-	-	-	-	-	DF1,DFX1	
25	16953-Z1T-004	LEVER, COCK	1	1	-	-	-	-	-	-	DF1,DFX1	
26	16954-Z1T-004	VALVE, COCK	1	1	-	-	-	-	-	-	DF1,DFX1	
27	16957-Z1T-004	SEAL, COCK	1	1	-	-	-	-	-	-	DF1,DFX1	
28	16958-Z1T-004	SCREW	2	2	-	-	-	-	-	-	DF1,DFX1	
29	16964-Z1T-004	WASHER, WAVE	1	1	-	-	-	-	-	-	DF1,DFX1	
30	16965-Z1T-004	COVER, COCK	1	1	-	-	-	-	-	-	DF1,DFX1	
31	16967-Z1T-004	CUP	1	1	-	-	-	-	-	-	DF1,DFX1	
32	16992-Z1T-004	CUP SET, STRAINER	1	1	-	-	-	-	-	-	DF1,DFX1	
33	91301-Z1T-004	O-RING	1	1	-	-	-	-	-	-	DF1,DFX1	
34	91302-Z1T-004	O-RING	1	1	-	-	-	-	-	-	DF1,DFX1	
35	91303-Z1T-004	O-RING	1	1	-	-	-	-	-	-	DF1,DFX1	
36	94305-20122	PIN, SPRING, 2X12	1	1	-	-	-	-	-	-	DF1,DFX1	
37	99101-Z1T-0640	JET, MAIN, #64	(1)	(1)	-	-	-	-	-	-	DF1,DFX1	
	99101-Z1T-0660	JET, MAIN, #66	(1)	(1)	-	-	-	-	-	-	DF1,DFX1	
	99101-Z1T-0680	JET, MAIN, #68	1	1	-	-	-	-	-	-	DF1,DFX1	

E-14-2

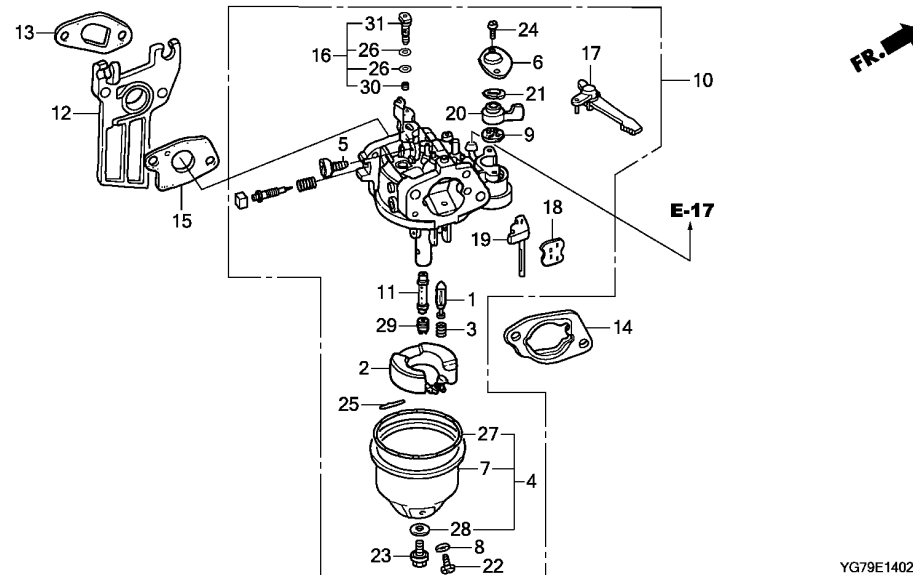
CARBURETOR(RUIXING)

E 4

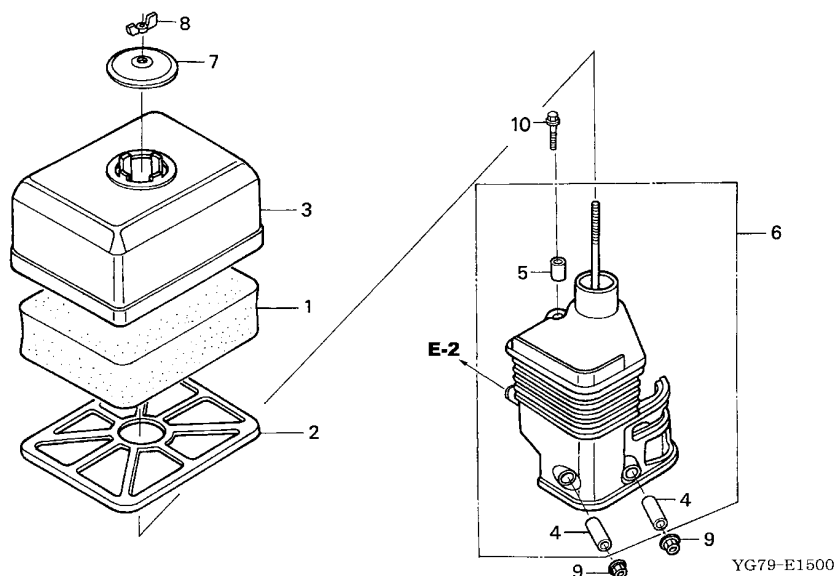


Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1		(2,3)	
3111E1		FLOAT VALVE SET AND/OR FLOAT SET	0.3
9		(6,20,21)	
3101C5		PACKING, FUEL COCK	0.2
10 3111F3		CARBURETOR	0.2
12 3111C0		CARBURETOR INSULATOR AND/OR PACKING	0.2
13 3111C0		CARBURETOR INSULATOR AND/OR PACKING	0.2
14 3111D9		SPACER, CARBURETOR	0.2
15 3111C8		PACKING, CARBURETOR	0.2
17 8101F9		LEVER, CARBURETOR CHOKE (18)	0.2
19		3111J4 SHAFT, CARBURETOR CHOKE (11)	0.4
29		3111C3 JET, MAIN	0.3

Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
1	16011-ZDK-005	VALVE ASSY., NEEDLE	-	-	-	-	1	1	1	1		
2	16013-ZDK-005	FLOAT	-	-	-	-	1	1	1	1		
3	16014-ZDK-005	SPRING	-	-	-	-	1	1	1	1		
4	16015-ZDK-005	CHAMBER SET, FLOAT	-	-	-	-	1	1	1	1		
5	16016-ZDK-005	SCREW, ADJUSTING	-	-	-	-	1	1	1	1		
6	16018-ZDK-005	COVER	-	-	-	-	1	1	1	1		
7	16019-ZDK-005	BOWL ASSY.	-	-	-	-	1	1	1	1		
8	16012-ZDK-005	GASKET	-	-	-	-	1	1	1	1		
9	16021-ZDK-005	GASKET	-	-	-	-	1	1	1	1		
10	16100-ZDK-015	CARBURETOR ASSY.(RA01 A)	-	-	-	-	1	-	1	-		
	16100-ZDK-G23	.....	-	-	-	-	-	1	-	1		
11	16166-ZDK-005	NOZZLE, MAIN	-	-	-	-	1	1	1	1		
12	16211-Z1T-000	INSULATOR, CARBURETOR(JLH) ..	-	-	-	-	1	1	1	1		
13	16212-Z1T-701	PACKING, INSULATOR (NINGBO SIL GASKET) ..	-	-	-	-	1	1	1	1		
14	16220-ZE1-020	SPACER COMP., CARBURETOR	-	-	-	-	1	1	1	1		
15	16221-Z1T-701	PACKING, CARBURETOR (NINGBO SIL GASKET) ..	-	-	-	-	1	1	1	1		
16	16364-ZDK-005	JET SET, SLOW	-	-	-	-	1	1	1	1		
17	16610-ZDK-005	LEVER, CHOKE	-	-	-	-	1	1	1	1		
18	16616-ZDK-005	CHOKE	-	-	-	-	1	1	1	1		
19	16617-ZDK-005	SHAFT, CHOKE	-	-	-	-	1	1	1	1		
20	16953-ZDK-005	LEVER, SHUT OFF	-	-	-	-	1	1	1	1		
21	16964-ZDK-005	WASHER, WAVE	-	-	-	-	1	1	1	1		
22	90001-ZDK-005	BOLT	-	-	-	-	1	1	1	1		



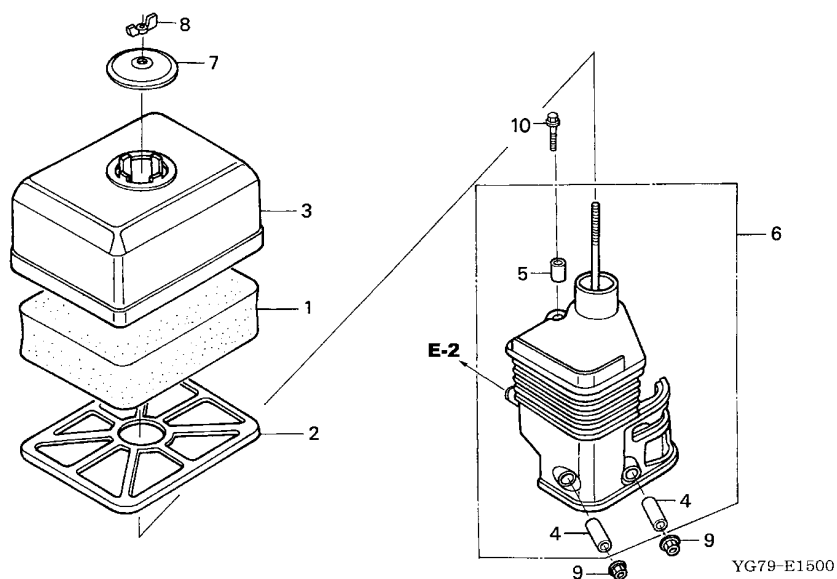
Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
23	90002-ZDK-005	BOLT	-	-	-	-	1	1	1	1		
24	90003-ZDK-005	SCREW(M3X8)	-	-	-	-	2	2	2	2		
25	90701-ZDK-005	PIN	-	-	-	-	1	1	1	1		
26	91301-ZDK-005	O-RING	-	-	-	-	2	2	2	2		
27	91302-ZDK-005	O-RING	-	-	-	-	1	1	1	1		
28	91303-ZDK-005	O-RING	-	-	-	-	1	1	1	1		
29	99151-ZDK-0650	JET, MAIN, #65	-	-	-	-	(1)	(1)	(1)	(1)		
	99151-ZDK-0700	JET, MAIN, #70	-	-	-	-	1	1	1	1		
	99151-ZDK-0620	JET, MAIN, #62	-	-	-	-	(1)	-	(1)	-		
	99151-ZDK-0680	JET, MAIN, #68	-	-	-	-	-	(1)	-	(1)		
30	99154-ZDK-0350	JET, SLOW, #35	-	-	-	-	1	1	1	1		
31	16022-ZDK-005	BODY, SLOW JET	-	-	-	-	1	1	1	1		



FR.

Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	3121B8	ELEMENT, AIR CLEANER ......INCLUDES: Air cleaner element -inspection	0.1
6	3121B4	ELBOW, AIR CLEANER	0.1

Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
1	17211-ZE1-000	ELEMENT, AIR CLEANER(SEMI DRY)	1	1	-	-	-	-	-	-	DF,DFX	
	17211-Z1T-600	ELEMENT, AIR CLEANER(SEMI-DRY)	1	1	-	-	-	-	-	-	2625284 DF1,DFX1	
	17211-Z1T-601	ELEMENT, AIR CLEANER(SEMI-DRY) (ZHEJIANG HENGB0)	1	1	-	-	-	-	-	-	2625285 DF1,DFX1	
2	17212-ZE1-000	GRID, AIR CLEANER(SEMI DRY)	1	1	-	-	-	-	-	-	DF,DFX	
	17212-Z1T-600	GRID, AIR CLEANER(SEMI-DRY)	1	1	-	-	-	-	-	-	2625284 DF1,DFX1	
	17212-Z1T-601	GRID, AIR CLEANER (ZHEJIANG HENGB0)	1	1	-	-	-	-	-	-	2625285 DF1,DFX1	
3	17231-ZE1-000	COVER, AIR CLEANER(SEMI DRY)	1	1	-	-	-	-	-	-	DF,DFX	
	17231-Z1T-600	COVER, AIR CLEANER(SEMI-DRY)	1	1	-	-	-	-	-	-	2625284 DF1,DFX1	
	17231-Z1T-601	COVER, AIR CLEANER(SEMI-DRY) (ZHEJIANG HENGB0)	1	1	-	-	-	-	-	-	2625285 DF1,DFX1	
4	17238-ZE7-010	COLLAR, AIR CLEANER	2	2	-	-	-	-	-	-	DF,DFX	
	17238-Z1T-600	COLLAR, AIR CLEANER	2	2	-	-	-	-	-	-	2628584 DF1,DFX1	
	17238-Z1T-601	COLLAR, AIR CLEANER (ZHEJIANG HENGB0)	2	2	-	-	-	-	-	-	2625285 DF1,DFX1	
5	17239-ZE1-000	COLLAR B, AIR CLEANER	1	1	-	-	-	-	-	-	DF,DFX	
	17239-Z1T-600	COLLAR B, AIR CLEANER	1	1	-	-	-	-	-	-	2625284 DF1,DFX1	
	17239-Z1T-601	COLLAR B, AIR CLEANER (ZHEJIANG HENGB0)	1	1	-	-	-	-	-	-	2625285 DF1,DFX1	
6	17410-Z1T-000	ELBOW COMP., AIR CLEANER	1	1	-	-	-	-	-	-	DF,DFX	
	17410-Z1T-610	ELBOW COMP., AIR CLEANER	1	1	-	-	-	-	-	-	2625284 DF1,DFX1	
	17410-Z1T-611	ELBOW COMP., AIR CLEANER (ZHEJIANG HENGB0)	1	1	-	-	-	-	-	-	2625285 DF1,DFX1	
7	17421-ZE1-000	CAP, CLEANER	1	1	-	-	-	-	-	-	DF,DFX	
	17421-Z1T-600	CAP, AIR CLEANER	1	1	-	-	-	-	-	-	2625284 DF1,DFX1	
	17421-Z1T-601	CAP, AIR CLEANER (ZHEJIANG HENGB0)	1	1	-	-	-	-	-	-	2625285 DF1,DFX1	

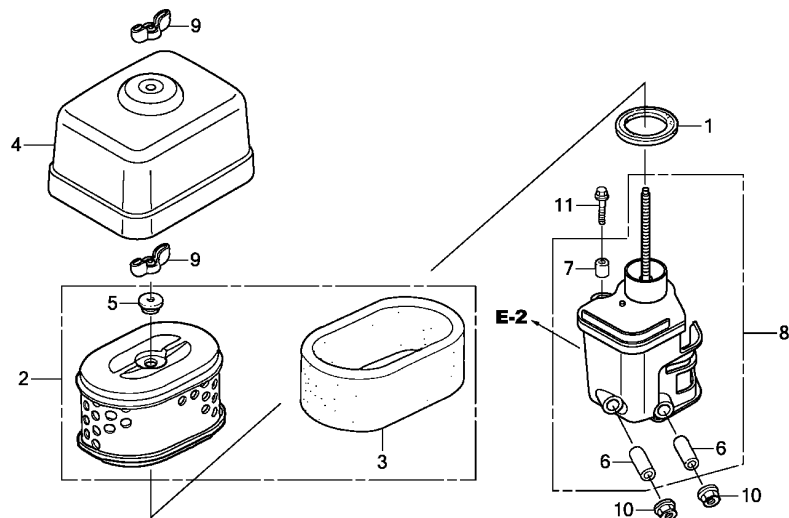


Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
8	90325-044-000	NUT, TOOL BOX SETTING	1	1	-	-	-	-	-	-	----- DF,DFX	
	90201-Z1T-600	.....	1	1	-	-	-	-	-	-	----- 2625284 DF1,DFX1	
	90201-Z1T-601	NUT, TOOL BOX SETTING (ZHEJIANG HENGBO)	1	1	-	-	-	-	-	-	2625285 ----- DF1,DFX1	
9	94050-06000	NUT, FLANGE, 6MM	2	2	-	-	-	-	-	-		
10	95701-06020-00	BOLT, FLANGE, 6X20	1	1	-	-	-	-	-	-		

E-15-1

AIR CLEANER(WB30XH2/WB30XH3)

E 8



FR.

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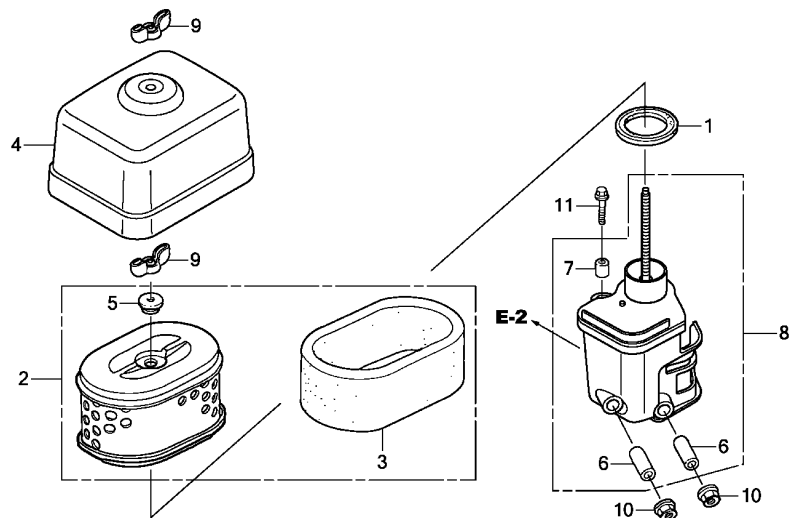
Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	3121E1	PACKING, ELBOW	0.1
2	3121B8	ELEMENT, AIR CLEANER	0.1
		.INCLUDES: Air cleaner element -inspection	
3	3121C1	FILTER, OUTER	0.1
		.INCLUDES: Outer filter-inspection	
8	3121B4	ELBOW, AIR CLEANER	0.1

Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
1	16271-ZE1-000	PACKING, ELBOW	-	-	1	1	-	-	-	-		
2	17210-ZE1-822	ELEMENT, AIR CLEANER(DUAL) ..	-	-	1	1	-	-	-	-		
	17210-Z1T-621	.....	-	-	-	1	-	-	-	-		
3	17218-ZE1-821	FILTER, OUTER	-	-	1	1	-	-	-	-		
4	17230-ZE1-820	COVER, AIR CLEANER(DUAL)	-	-	1	1	-	-	-	-		
5	17232-891-000	GROMMET, AIR CLEANER	-	-	1	1	-	-	-	-		
6	17238-ZE7-010	COLLAR, AIR CLEANER	-	-	2	2	-	-	-	-		
7	17239-ZE1-000	COLLAR B, AIR CLEANER	-	-	1	1	-	-	-	-		
8	17410-Z1T-010	ELBOW COMP., AIR CLEANER	-	-	1	1	-	-	-	-		
9	90325-044-000	NUT, TOOL BOX SETTING	-	-	2	2	-	-	-	-		
10	94050-06000	NUT, FLANGE, 6MM	-	-	2	2	-	-	-	-		
11	95701-06020-00	BOLT, FLANGE, 6X20	-	-	1	1	-	-	-	-		

E-15-2

AIR CLEANER(WL20XH/WL20XH1/WL30XH/WL30XH1)

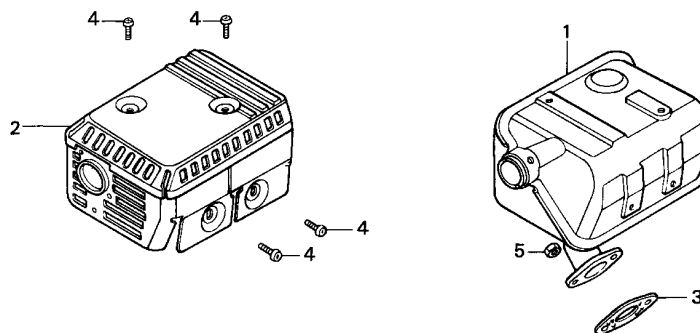
E 9



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	3121E1	PACKING, ELBOW	0.1
2	3121B8	ELEMENT, AIR CLEANER	0.1
		.INCLUDES: Air cleaner element -inspection	
3	3121C1	FILTER, OUTER	0.1
		.INCLUDES: Outer filter-inspection	
8	3121B4	ELBOW, AIR CLEANER	0.1

Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
1	16271-ZE1-000	PACKING, ELBOW	-	-	-	-	1	1	1	1		
2	17210-ZE1-822	ELEMENT, AIR CLEANER(DUAL) ..	-	-	-	-	1	-	1	-		
	17210-Z1T-621	.....	-	-	-	-	-	1	-	1		
3	17218-ZE1-821	FILTER, OUTER	-	-	-	-	1	-	1	-		
4	17231-ZDK-820	COVER, AIR CLEANER	-	-	-	-	1	1	1	1		
5	17232-891-000	GROMMET, AIR CLEANER	-	-	-	-	1	-	1	-		
6	17238-ZE7-010	COLLAR, AIR CLEANER	-	-	-	-	2	2	2	2		
7	17239-ZE1-000	COLLAR B, AIR CLEANER	-	-	-	-	1	1	1	1		
8	17410-ZDK-000	ELBOW COMP., AIR CLEANER	-	-	-	-	1	1	1	1		
9	90325-044-000	NUT, TOOL BOX SETTING	-	-	-	-	2	2	2	2		
10	94050-06000	NUT, FLANGE, 6MM	-	-	-	-	2	2	2	2		
11	95701-06020-00	BOLT, FLANGE, 6X20	-	-	-	-	1	1	1	1		

2



YG79-E1600

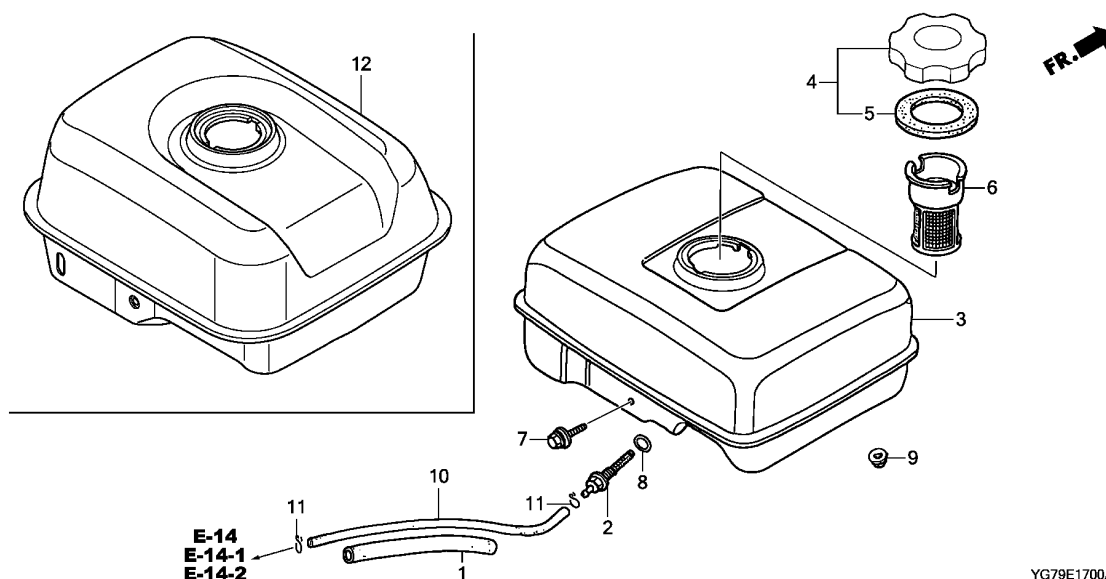
Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	3131C5	MUFFLER, EXHAUST	0.2
2	3131D6	PROTECTOR, EXHAUST MUFFLER ...	0.2
3	3131B4	GASKET, EXHAUST MUFFLER	0.2

Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
1	18310-Z1T-000	MUFFLER COMP.	1	1	-	-	-	-	-	-	-----	3622446 DF,DFX
	18310-Z1T-010	.....	1	1	-	-	-	-	-	-	-----	3629139 DF1,DFX1
			1	1	-	-	-	-	-	-	3622447	----- DF,DFX
			-	-	1	1	-	-	-	-	3629140	----- DF1,DFX1
	18310-ZDK-000	.....	-	-	-	-	1	1	1	1		
2	18320-Z1T-701	PROTECTOR, MUFFLER(ALUMINIZED)	1	1	-	-	-	-	-	-	-----	----- DF1,DFX1
	18320-Z1T-000	PROTECTOR, MUFFLER(STD.)	1	1	-	-	-	-	-	-	-----	3622446 DF,DFX
	18320-Z1T-010	.....	1	1	-	-	-	-	-	-	3622447	----- DF,DFX
	18320-ZDK-000	.....	-	-	1	1	-	-	-	-		
3	18381-Z1T-701	PROTECTOR COMP., MUFFLER	-	-	-	-	1	1	1	1		
		GASKET, MUFFLER										
		(NINGBO SIL GASKET)	1	1	1	1	1	1	1	1		
	18381-Z1T-003	GASKET, MUFFLER										
		(GUANGZHOU LEAKLESS)	1	1	1	1	-	-	-	-		
4	90050-ZE1-000	SCREW, TAPPING, 5X8	4	4	4	4	4	4	4	4		
5	94001-08000-0S	NUT, HEX., 8MM	2	2	2	2	2	2	2	2		

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FUEL TANK

E11



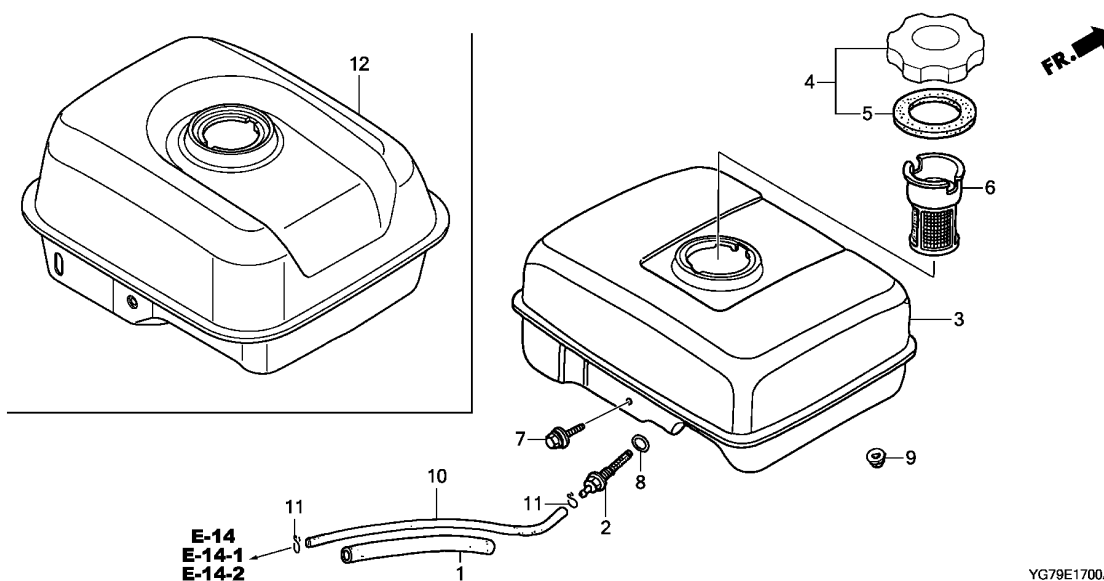
Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
2		(8)	
3101H6		JOINT, FUEL STRAINER	0.2
3		(12)	
3101H7		TANK, FUEL	0.2
4		(5)	
3101M7		CAP, FUEL FILLER	0.1
6		FILTER, FUEL	0.1
10		3101F1 TUBE, FUEL TANK	0.2

Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 30 XH1	WL 30 XH	WL 30 XH1		
1	16854-ZH8-000	RUBBER, SUPPORTER(107MM)	1	1	-	-	-	-	-	-	DF,DFX	
	95003-25014-20	TUBE, VINYL, 9X11X140 (95003-25001-10M)	1	1	-	-	-	-	-	-	DF1,DFX1	
	16854-ZH8-000	RUBBER, SUPPORTER(107MM)	-	-	1	1	1	1	1	1		
2	16955-Z1T-010	JOINT, FUEL TANK	1	1	1	1	1	1	1	1	DF1,DFX1	
	16955-Z1T-000	.....	1	1	-	-	-	-	-	-	DF,DFX	
3	17510-ZE1-030ZA	TANK COMP., FUEL										
	NH31.....MCKINLEY WHITE		1	1	-	-	-	-	-	-	DF1,DFX1	
	17510-ZE1-020ZA	*NH31*.....MCKINLEY WHITE	1	1	-	-	-	-	-	-	1582838	DF,DFX
	17510-ZE1-030ZA	*NH31*.....MCKINLEY WHITE	1	1	-	-	-	-	-	-	1582839	DF,DFX
	17510-ZE1-030ZN	*R280*.....POWER RED	-	-	1	-	-	-	-	-		
	17510-Z1T-800ZA	*R280*.....POWER RED	-	-	-	1	-	-	-	-		
4	17620-Z1T-800	CAP COMP., FUEL FILLER (CHROME PLATED)(TOYOSHA)	1	1	1	1	1	1	1	1		
5	17631-Z1T-800	PACKING, FUEL FILLER CAP (39X62X3)(TOYOSHA)	1	1	1	1	1	1	1	1		
6	17672-ZE2-W01	FILTER, FUEL	(1)	(1)	(1)	-	(1)	-	(1)	-		
7	90004-Z1T-000	BOLT, FLANGE, 6X29	1	1	1	1	1	1	1	1		
8	91353-671-004	O-RING, 14MM(NOK)	1	1	1	1	1	1	1	1		
9	94050-06000	NUT, FLANGE, 6MM	2	2	2	2	2	2	2	2		
10	95001-45140-40	TUBE, FUEL, 4.5X140 (95001-45001-60M)	1	1	-	-	-	-	-	-	DF,DFX	
	95001-45175-40	TUBE, FUEL, 4.5X175 (95001-45001-60M)	1	1	-	-	-	-	-	-	DF1,DFX1	
	95001-45140-40	TUBE, FUEL, 4.5X140 (95001-45001-60M)	-	-	1	1	1	1	1	1		
11	95002-02080	CLIP, TUBE(B8)	2	2	2	2	2	2	2	2		

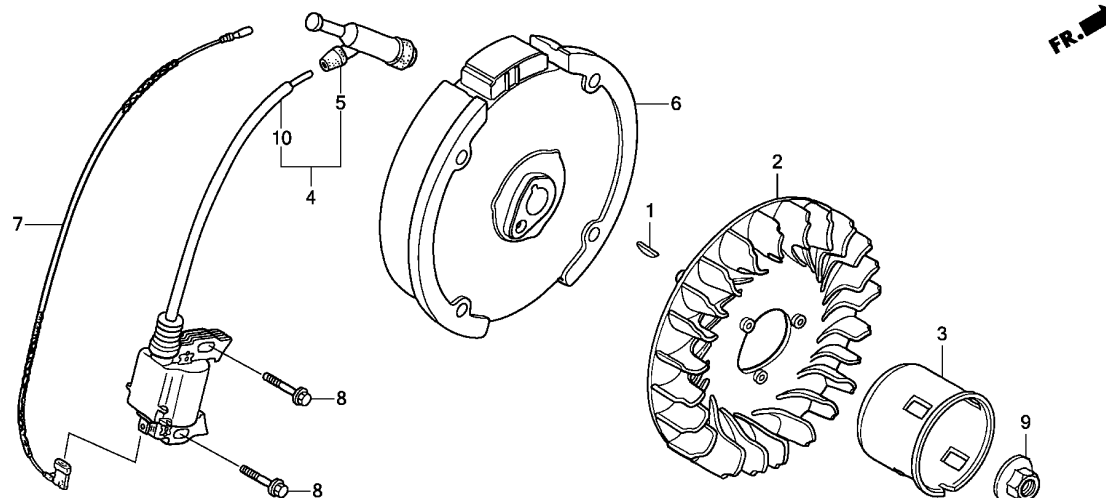
E-17

FUEL TANK

E12



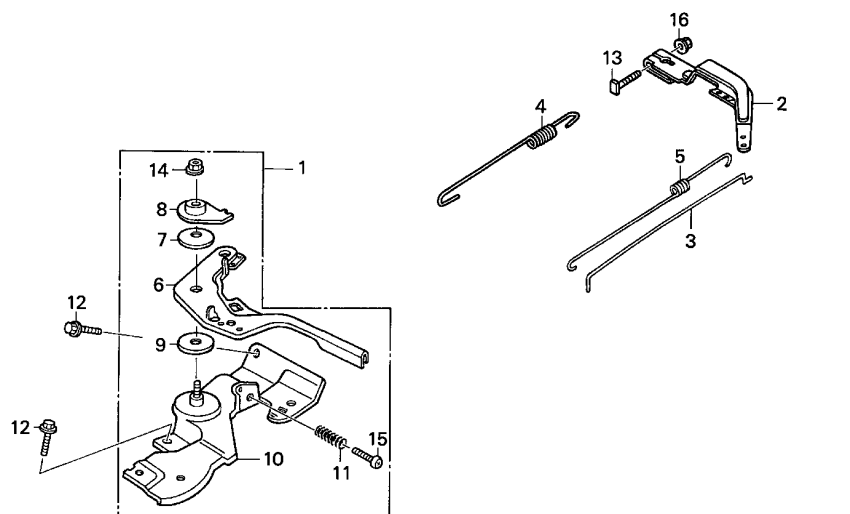
Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
12	17510-ZDK-000ZB	TANK COMP., FUEL *R280*.....POWER RED	-	-	-	-	1	1	1	1		



YG79E1900B

Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
2	1141G7	FAN, ENGINE COOLING	0.2
3	1121A9	PULLEY, RECOIL STARTER	0.2
4		(10)	
	6141A5	COIL, IGNITION(ONE)	0.3
5	6141B8	TERMINAL, HIGH TENSION	0.1
6	2161B5	FLYWHEEL	0.3
7	6111B3	CORD, STOP SWITCH	0.3

Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
1	13331-357-000	KEY, SPECIAL WOODRUFF, 25X18	1	1	1	1	1	1	1	1		
2	19511-Z1T-000	FAN, COOLING	1	1	1	1	1	1	1	1		
3	28451-ZH8-801	PULLEY, STARTER	1	1	-	-	-	-	-	-	-----	1056368 DF,DFX
	28451-Z1T-000	.....	1	1	-	-	-	-	-	-	-----	3103958 DF1,DFX1
			1	1	-	-	-	-	-	-	1056369	3103958 DF,DFX
	28451-Z1T-700	.....	1	1	-	-	-	-	-	-	3103959	-----
	28451-ZDK-003	.....	-	-	1	1	-	-	-	-		
4	30500-Z1T-023	COIL ASSY., IGNITION	1	1	1	1	-	-	-	-	-----	----- DF1,DFX1
	30500-Z1T-003	.....	1	1	-	-	-	-	-	-	-----	1478099 DF,DFX
	30500-Z1T-013	.....	1	1	-	-	-	-	-	-	1478100	1727332 DF,DFX
	30500-Z1T-023	.....	1	1	-	-	-	-	-	-	1727333	----- DF,DFX
	30500-Z1T-701	.....	-	-	-	1	-	-	-	-		
5	30700-Z1T-003	CAP ASSY., NOISE SUPPRESSOR	1	1	1	1	-	-	-	-		
	30700-Z1T-701	.....	-	-	-	1	-	-	-	-		
	30700-ZDK-004	.....	-	-	-	-	1	1	1	1		
6	31110-Z1T-004	FLYWHEEL COMP.(YUXIN)	1	1	1	1	1	1	1	1	-----	----- DF1,DFX1
	31110-Z1T-003	FLYWHEEL COMP.(KOKUSAN)	1	1	-	-	-	-	-	-	-----	----- DF,DFX
7	36101-ZE1-010	CORD, STOP SWITCH(370MM)	1	1	1	1	-	-	-	-		
	32195-Z1T-701	CORD, STOP SWITCH	-	-	-	1	-	-	-	-		
	32195-ZDK-004	.....	-	-	-	-	1	1	1	1		
8	90121-952-000	BOLT, FLANGE, 6X25(CT200)	2	2	2	2	2	2	2	2		
9	90201-Z1T-000	NUT, SPECIAL, 14MM	1	1	1	1	1	1	1	1		
10	30500-ZDK-004	COIL ASSY., IGNITION	-	-	-	-	1	1	1	1		



YG79-E2200

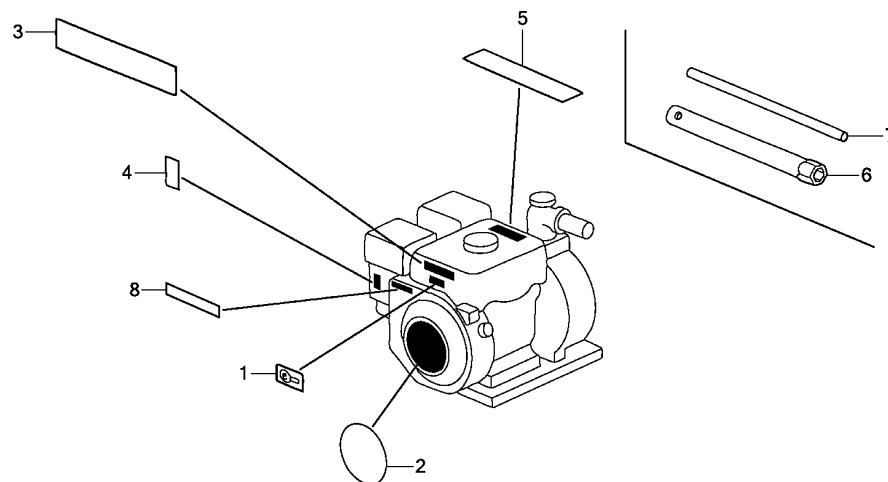
Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	1161A5	CONTROL, THROTTLE/GOVERNOR ...	0.2
2	1161A0	ARM, GOVERNOR	0.2
3	1161B1	ROD, GOVERNOR	0.3
4	1161C5	SPRING, GOVERNOR	0.2
5	1161C2	SPRING, THROTTLE RETURN	0.3

Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
1	16500-Z1T-000	CONTROL ASSY.	1	1	1	1	1	1	1	1		
2	16551-ZE0-010	ARM, GOVERNOR	1	1	1	1	1	1	1	1		
3	16555-ZE1-000	ROD, GOVERNOR	1	1	1	1	1	1	1	1		
4	16561-ZE1-020	SPRING, GOVERNOR	1	1	1	1	1	1	1	1		
5	16562-ZE1-020	SPRING, THROTTLE RETURN	1	1	1	1	1	1	1	1		
6	16571-Z1T-000	LEVER, CONTROL	1	1	1	1	1	1	1	1		
7	16574-ZE1-000	SPRING, LEVER	1	1	1	1	1	1	1	1		
8	16575-ZH8-000	WASHER, CONTROL LEVER	1	1	1	1	1	1	1	1		
9	16578-ZE1-000	SPACER, CONTROL LEVER	1	1	1	1	1	1	1	1		
10	16580-ZH8-030	BASE COMP., CONTROL	1	1	1	1	1	1	1	1		
11	16584-883-300	SPRING, CONTROL ADJUSTING ...	1	1	1	1	1	1	1	1		
12	90013-883-000	BOLT, FLANGE, 6X12(CT200) ...	2	2	2	2	2	2	2	2		
13	90015-ZE5-010	BOLT, GOVERNOR ARM	1	1	1	1	1	1	1	1		
14	90202-Z1T-000	NUT, SELF-LOCK, 6MM	1	1	1	1	1	1	1	1		
	90114-SAO-000	.....	1	1	-	-	-	-	-	-	-----	DF1,DFX1
	90202-Z1T-000	.....	1	1	-	-	-	-	-	-	-----	2636150 DF,DFX
15	93500-05025-0A	SCREW, PAN, 5X25	1	1	1	1	1	1	1	1	2636151	DF,DFX
16	94050-06000	NUT, FLANGE, 6MM	1	1	1	1	1	1	1	1		

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LABEL

E15



YG79E2800A

Ref. L.O.N. (Relative ref. Number)
No. Description F.R.T.

NO INFORMATION

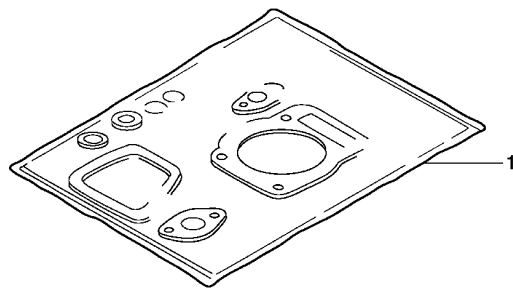
Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
1	87135-ZE2-020	LABEL, E-SPEC(15.5X27.5)	1	1	-	-	-	-	-	-	-----	DF,DFX
2	87521-ZH8-040	EMBLEM(GX160)	1	1	1	1	-	-	-	-	-----	DF1,DFX1
	87521-ZH8-030	EMBLEM(GX160 5.5)	1	1	-	-	-	-	-	-	1548651	DF,DFX
	87521-ZH8-040	EMBLEM(GX160)	1	1	-	-	-	-	-	-	1548652	DF,DFX
	87521-ZDK-000	EMBLEM(GP160)	-	-	-	-	1	1	1	1	-----	DF,DFX
3	87522-Z1T-G21	LABEL, CAUTION	1	1	-	-	-	-	-	-	-----	DF,DFX
4	87528-ZE1-810	MARK, CHOKE	1	1	-	-	-	-	-	-	-----	DF,DFX
	87528-Z1T-000	.....	1	1	-	-	-	-	-	-	-----	DF1,DFX1
	87528-ZE1-810	.....	-	-	1	1	-	-	-	-	-----	DFX1
5	87532-Z7E-010	MARK, OIL ALERT	1	1	1	1	1	1	1	1	-----	DFX1
	87530-ZR4-V60	LABEL, OIL ALERT	1	1	-	-	-	-	-	-	-----	DFX
6	89218-ZE1-000	WRENCH COMP., SPARK PLUG	1	1	1	1	1	1	1	1	-----	
7	89219-805-000	HANDLE, BOX WRENCH	1	1	1	1	1	1	1	1	-----	
8	87532-ZH8-W40	MARK, THROTTLE INDICATION ...	-	-	1	1	1	1	1	1	-----	

2

EOP-1

GASKET KIT

E16



YG79X0100

Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
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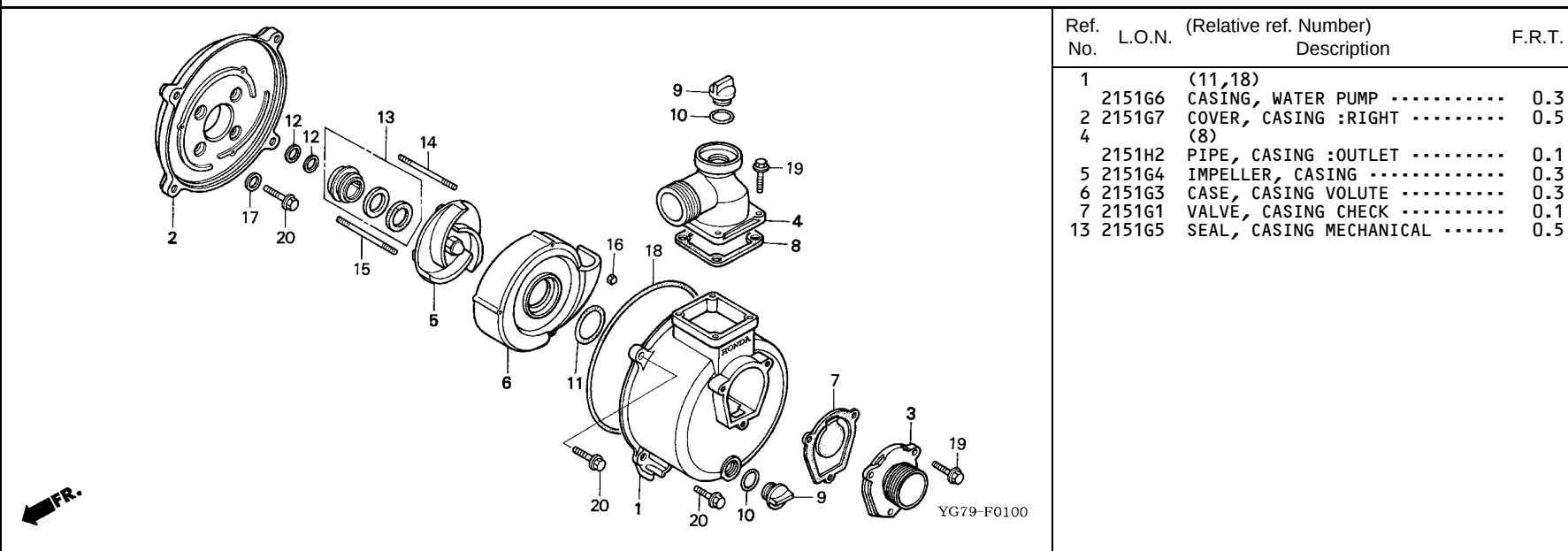
NO INFORMATION

Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
1	06111-ZDK-000	GASKET KIT	-	-	-	-	(1)	(1)	(1)	(1)		

F-1

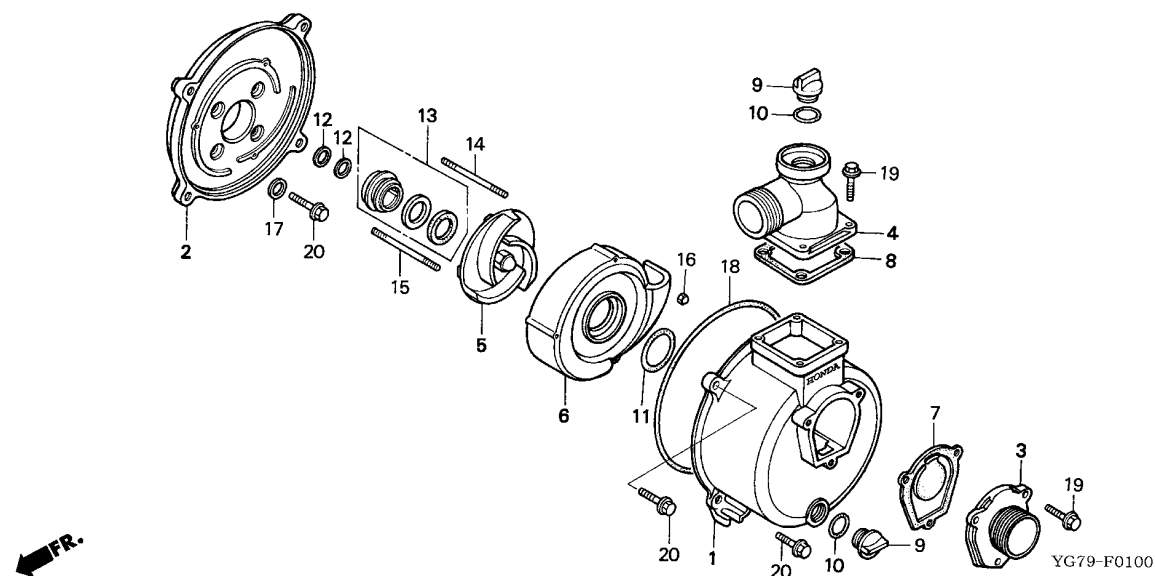
CASING/IMPELLER(WB20XH/WL20XH/WL20XH1)

F 1



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1		(11,18)	
2151G6		CASING, WATER PUMP	0.3
2		COVER, CASING :RIGHT	0.5
4		(8)	
2151H2		PIPE, CASING :OUTLET	0.1
5		IMPELLER, CASING	0.3
6		CASE, CASING VOLUTE	0.3
7		VALVE, CASING CHECK	0.1
13		SEAL, CASING MECHANICAL	0.5

Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
1	78101-YG7-000	CASING	1	-	-	-	-	-	-	-		
	78101-YG7-A30	.....	-	-	-	-	1	1	-	-		
2	78102-YG3-000	COVER, CASING	1	-	-	-	-	-	-	-		
	78102-YG7-A30	.....	-	-	-	-	1	1	-	-		
3	78103-YG3-000	INLET(PF2)	1	-	-	-	1	1	-	-		
4	78104-YG3-000	OUTLET(PF2)	1	-	-	-	1	1	-	-		
5	78106-YB3-000	IMPELLER	1	-	-	-	-	-	-	-		
	78106-YG7-A30	.....	-	-	-	-	1	1	-	-		
6	78107-YB3-K10	CASE, VOLUTE	1	-	-	-	-	-	-	-		
	78107-YG7-A30	.....	-	-	-	-	1	1	-	-		
7	78110-YB3-000	VALVE, IN.	1	-	-	-	1	1	-	-		
8	78114-YB3-000	PACKING, OUTLET	1	-	-	-	1	1	-	-		
9	78117-YB3-K10	CAP, FILLER	2	-	-	-	2	2	-	-		
10	78118-YG8-003	RING, SEAL(B)	2	-	-	-	2	2	-	-	-----	DF1,DFX1
	78118-YB0-003	.....	2	-	-	-	-	-	-	-	9069415	DF,DFX
	78118-YG8-003	.....	2	-	-	-	-	-	-	-	9069416	DF,DFX
11	78118-YG7-003	O-RING, 49X5.7	1	-	-	-	-	-	-	-	-----	DF1,DFX1
	78118-YB3-004	O-RING, 49X5.7(NOK)	1	-	-	-	-	-	-	-	-----	9063150 DF,DFX
	78118-YB3-003	O-RING, 49X5.7(ARAI)	1	-	-	-	-	-	-	-	-----	9068933 DF,DFX
	78118-YG7-003	O-RING, 49X5.7	1	-	-	-	-	-	-	-	9068934	DF,DFX
	91351-YG7-A30	O RING, 53X5.7	-	-	-	-	1	1	-	-		
12	78122-YB3-000	SHIM, ADJUSTER	N	-	-	-	N	N	-	-		
13	78130-YB4-004	SEAL, MECHANICAL	1	-	-	-	1	1	-	-	-----	DF1,DFX1
	78130-YB4-003	.....	1	-	-	-	-	-	-	-	-----	9069137 DF,DFX
	78130-YB4-004	.....	1	-	-	-	-	-	-	-	9069138	DF,DFX
14	90034-402-000	BOLT, STUD, 6X50	2	-	-	-	2	2	-	-		
15	90043-YB4-000	BOLT, STUD, 6X50	1	-	-	-	-	-	-	-		

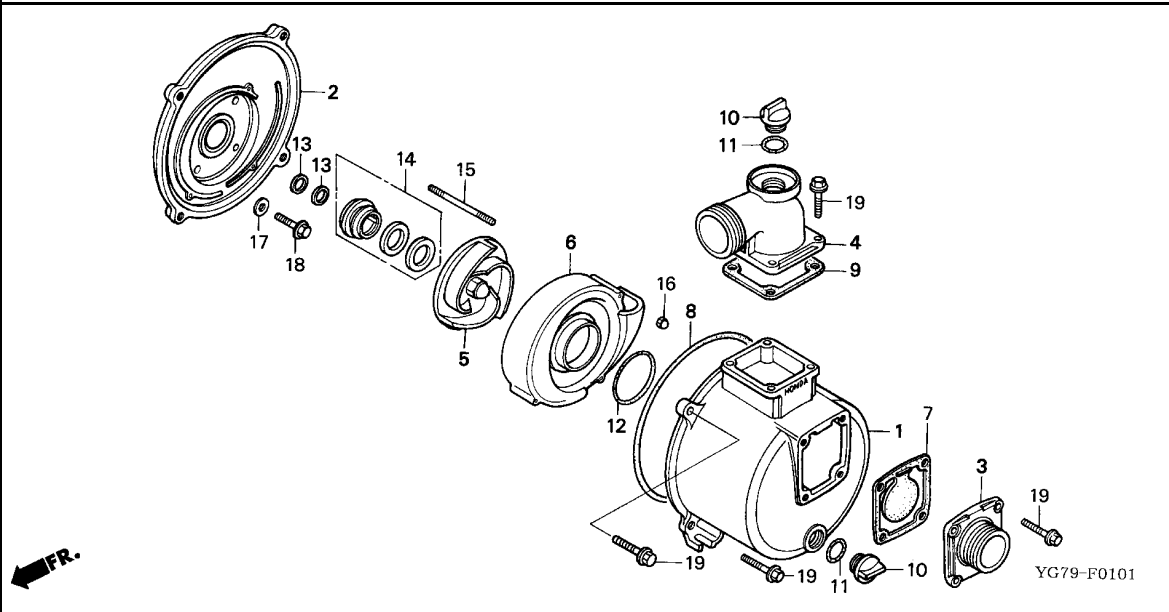


Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
15)	90034-402-000	BOLT, STUD, 6X50	-	-	-	-	1	1	-	-		
16	90281-YB4-000	NUT, CAP, 6MM	3	-	-	-	3	3	-	-		
17	90474-333-000	WASHER, SEALING, 8MM	4	-	-	-	4	4	-	-		
18	91351-YG7-003	O-RING, 217.5X3.5	1	-	-	-	1	1	-	-	----- DF1,DFX1	
	91351-YB3-003	O-RING, 217.5X3.5(ARAI)	1	-	-	-	-	-	-	-	----- 9068933 DF,DFX	
	91351-YB3-004	O-RING, 217.5X3.5(NOK)	1	-	-	-	-	-	-	-	----- 9068933 DF,DFX	
	91351-YG7-003	O-RING, 217.5X3.5	1	-	-	-	-	-	-	-	9068934 ----- DF,DFX	
19	95701-08025-08	BOLT, FLANGE, 8X25	7	-	-	-	7	7	-	-		
20	95701-08028-08	BOLT, FLANGE, 8X28	8	-	-	-	8	8	-	-		

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CASING/IMPELLER(WB30XH/WB30XH2/WB30XH3)

F 3



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1		(8,12)	
2151G6		CASING, WATER PUMP	0.3
2		COVER, CASING :RIGHT	0.5
4		(9)	
2151H2		PIPE, CASING :OUTLET	0.1
5		IMPELLER, CASING	0.3
6		CASE, CASING VOLUTE	0.3
7		VALVE, CASING CHECK	0.1
14		SEAL, CASING MECHANICAL	0.5

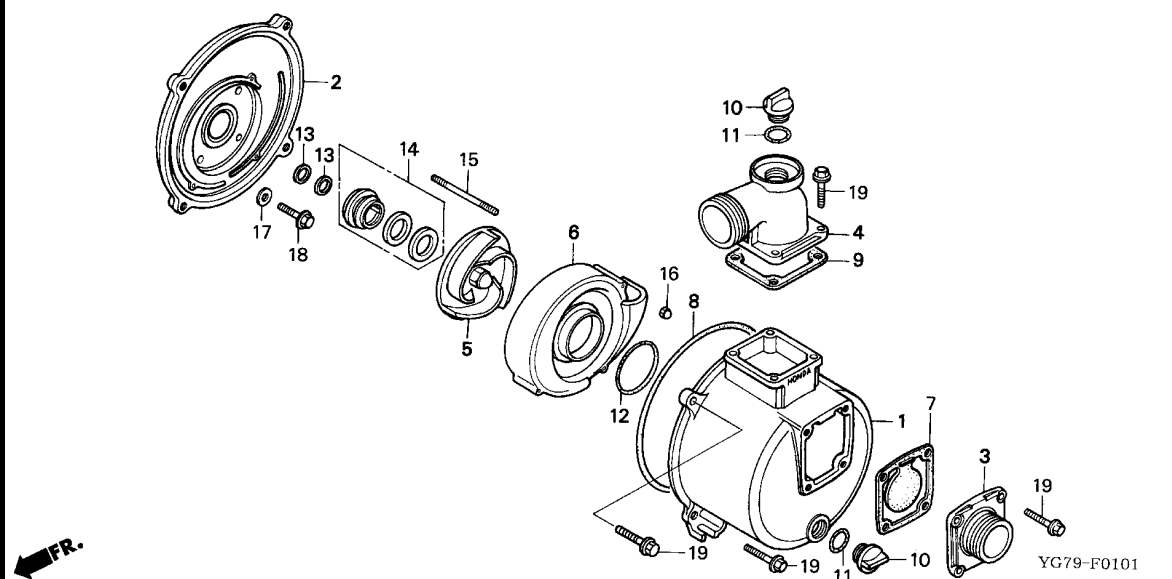
Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
1	78101-YG8-000	CASING	-	1	-	-	-	-	-	-		
	78101-YG8-A30	.....	-	1	-	-	-	-	-	-		
2	78102-YG4-000	COVER, CASING	-	1	-	-	-	-	-	-		
	78102-YG8-A30	.....	-	1	-	-	-	-	-	-		
3	78103-YG4-000	INLET (PF3)	-	1	1	1	-	-	-	-		
4	78104-YG4-000	OUTLET (PF3)	-	1	1	1	-	-	-	-		
5	78106-YB4-000	IMPELLER	-	1	-	-	-	-	-	-		
	78106-YG8-A30	.....	-	1	1	1	-	-	-	-		
6	78107-YB4-K10	CASE, VOLUTE	-	1	-	-	-	-	-	-		
	78107-YG8-A30	.....	-	1	1	1	-	-	-	-		
7	78110-YB4-000	VALVE COMP., IN.	-	1	1	1	-	-	-	-		
8	78112-YB4-T21	RING, CASING SEAL	-	1	1	1	-	-	-	-	-----	DF1,DFX1
	78112-954-003	.....	-	1	-	-	-	-	-	-	-----	9054431 DF,DFX
	78112-YB4-T21	.....	-	1	-	-	-	-	-	-	9054432	----- DF,DFX
9	78114-YB4-000	PACKING, OUTLET	-	1	1	1	-	-	-	-		
10	78117-YB3-K10	CAP, FILLER	-	2	2	2	-	-	-	-		
11	78118-YG8-003	RING, SEAL(B)	-	2	2	2	-	-	-	-	-----	DF1,DFX1
	78118-YB0-003	.....	-	2	-	-	-	-	-	-	-----	9069415 DF,DFX
	78118-YG8-003	.....	-	2	-	-	-	-	-	-	9069416	----- DF,DFX
12	78118-YB4-006	O-RING, 71X5.7	-	1	1	1	-	-	-	-	-----	DF1,DFX1
	78118-YB4-004	.....	-	1	-	-	-	-	-	-	-----	9063150 DF,DFX
	78118-YB4-006	.....	-	1	-	-	-	-	-	-	9063151	----- DF,DFX
13	78122-YB3-000	SHIM, ADJUSTER	-	N	N	N	-	-	-	-		
14	78130-YB4-004	SEAL, MECHANICAL	-	1	1	1	-	-	-	-	-----	DF1,DFX1
	78130-YB4-003		-	1	-	-	-	-	-	-	-----	9054431 DF,DFX
	78130-YB4-004		-	1	-	-	-	-	-	-	9054432	----- DF,DFX
15	90043-YB4-000	BOLT, STUD, 6X50	-	3	3	3	-	-	-	-		

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F-1-1

CASING/IMPELLER(WB30XH/WB30XH2/WB30XH3)

F 4

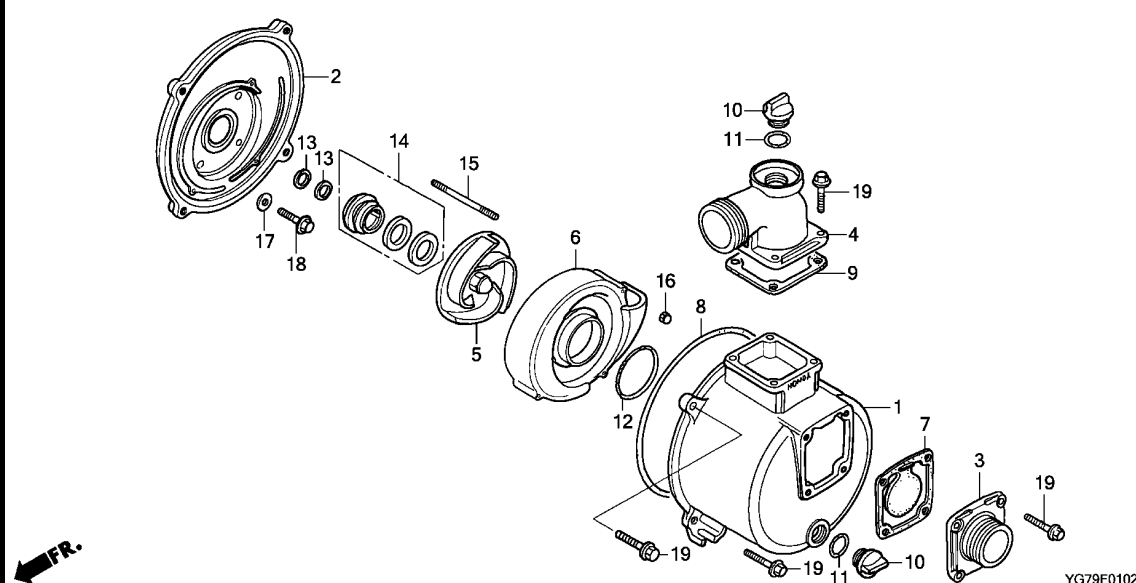


Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
16	90281-YB4-000	NUT, CAP, 6MM	-	3	3	3	-	-	-	-		
17	90474-333-000	WASHER, SEALING, 8MM	-	4	4	4	-	-	-	-		
18	95701-08028-08	BOLT, FLANGE, 8X28	-	4	4	4	-	-	-	-		
19	95701-10032-08	BOLT, FLANGE, 10X32	-	12	12	12	-	-	-	-		

F-1-2

CASING/IMPELLER(WL30XH/WL30XH1)

F 5



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1		(8,12)	
2	2151G6	CASING, WATER PUMP	0.3
2	2151G7	COVER, CASING :RIGHT	0.5
4		(9)	
4	2151H2	PIPE, CASING :OUTLET	0.1
5	2151G4	IMPELLER, CASING	0.3
6	2151G3	CASE, CASING VOLUTE	0.3
7	2151G1	VALVE, CASING CHECK	0.1
14	2151G5	SEAL, CASING MECHANICAL	0.5

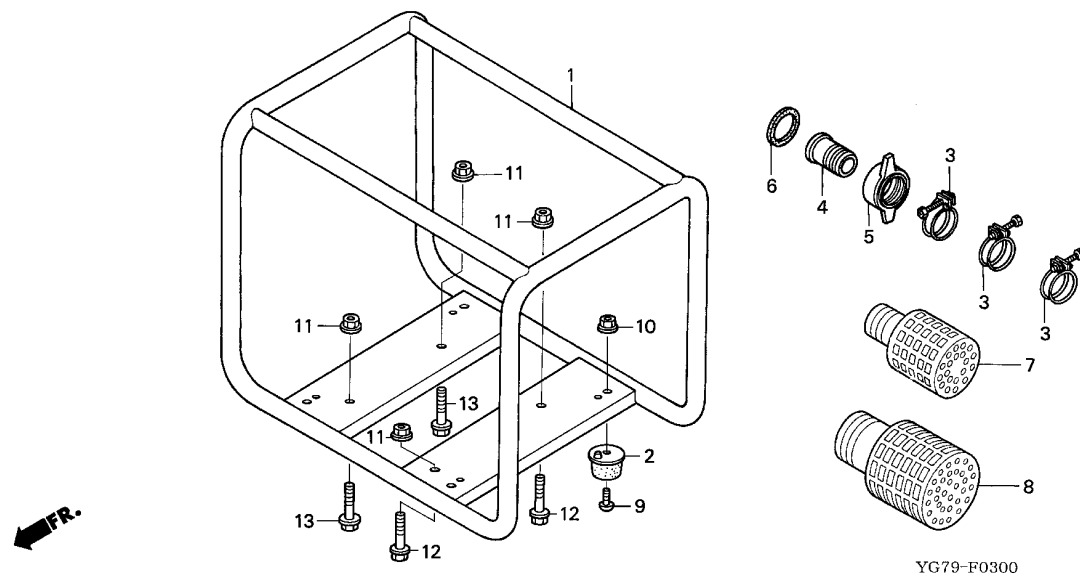
Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
1	78101-YG8-A30	CASING	-	-	-	-	-	-	1	1		
2	78102-YG8-A30	COVER, CASING	-	-	-	-	-	-	1	1		
3	78103-YG4-000	INLET(PF3)	-	-	-	-	-	-	1	1		
4	78104-YG4-000	OUTLET(PF3)	-	-	-	-	-	-	1	1		
5	78106-YG8-A30	IMPELLER	-	-	-	-	-	-	1	1		
6	78107-YG8-A30	CASE, VOLUTE	-	-	-	-	-	-	1	1		
7	78110-YB4-000	VALVE COMP., IN.	-	-	-	-	-	-	1	1		
8	78112-YB4-T21	RING, CASING SEAL	-	-	-	-	-	-	1	1		
9	78114-YB4-000	PACKING, OUTLET	-	-	-	-	-	-	1	1		
10	78117-YB3-K10	CAP, FILLER	-	-	-	-	-	-	2	2		
11	78118-YG8-003	RING, SEAL(B)	-	-	-	-	-	-	2	2		
12	78118-YB4-006	O-RING, 71X5.7	-	-	-	-	-	-	1	1		
13	78122-YB3-000	SHIM, ADJUSTER	-	-	-	-	-	-	N	N		
14	78130-YB4-004	SEAL, MECHANICAL	-	-	-	-	-	-	1	1		
15	90043-YB4-000	BOLT, STUD, 6X50	-	-	-	-	-	-	3	3		
16	90281-YB4-000	NUT, CAP, 6MM	-	-	-	-	-	-	3	3		
17	90474-333-000	WASHER, SEALING, 8MM	-	-	-	-	-	-	4	4		
18	95701-08028-08	BOLT, FLANGE, 8X28	-	-	-	-	-	-	4	4		
19	95701-10032-08	BOLT, FLANGE, 10X32	-	-	-	-	-	-	12	12		

3

F-3

FRAME BED/HOSE COUPLING

F 6



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	4101H6	FRAME, MAIN ......INCLUDES: Engine removal and installation	0.3
2	4101V0	RUBBER, BOTTOM :LEFT FRONT ...	0.1
	4101V1	RUBBER, BOTTOM :RIGHT FRONT ..	0.1
	4101V3	RUBBER, BOTTOM :LEFT REAR	0.1
	4101V4	RUBBER, BOTTOM :RIGHT REAR ...	0.1

YG79-F0300

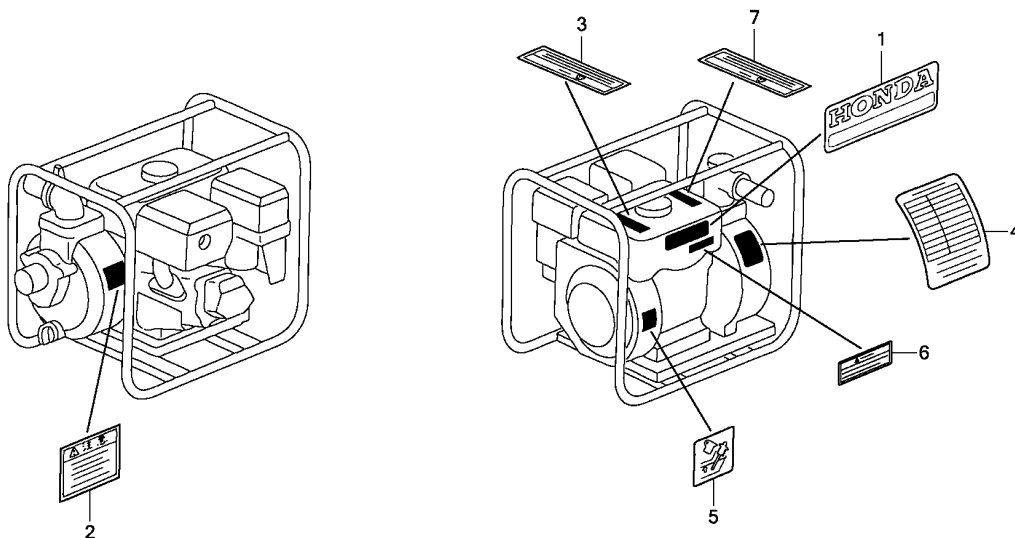
Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 30 XH1	WL 30 XH	WL 30 XH1		
1	50310-YG7-000	FRAME COMP.	1	-	-	-	-	-	-	-		
	50310-YG8-000	.....	-	1	-	-	-	-	-	-		
	50310-YG8-A30	FRAME COMP., PUMP	-	-	1	-	-	-	1	-		
	50310-YG8-F30	.....	-	-	-	1	-	-	-	1		
	50310-YG7-A30	.....	-	-	-	-	1	-	-	-		
	50310-YG7-F30	.....	-	-	-	-	1	-	-	-		
2	60407-812-000	RUBBER, BOTTOM	4	4	4	4	4	4	4	4		
3	78139-YB3-000	BAND, HOSE	3	-	-	-	3	3	-	-		
	78139-YB4-000	.....	-	3	3	3	-	-	3	3		
4	78311-954-010	COUPLING, HOSE	2	-	-	-	2	2	-	-		
	78311-YB4-010	.....	-	2	2	2	-	-	2	2		
5	78312-YG3-000	RING, HOSE CLAMP	2	-	-	-	-	-	-	-		
	78312-YG4-000	.....	-	2	-	-	-	-	-	-		
	78312-YG8-A30	.....	-	-	2	2	-	-	2	2		
	78312-YG7-A30	.....	-	-	-	-	2	2	-	-		
6	78313-YB3-000	PACKING, HOSE COUPLING	2	-	-	-	2	2	-	-		
	78313-YB4-010	PACKING, COUPLING	-	2	2	2	-	-	2	2		
7	78325-YG3-000	STRAINER COMP.	1	-	-	-	1	1	-	-		
8	78325-YG4-000	STRAINER COMP.	-	1	1	1	-	-	1	1		
9	93500-06010-0A	SCREW, PAN, 6X10	4	4	4	4	4	4	4	4		
10	94050-06080	NUT, FLANGE, 6MM	4	4	4	4	4	4	4	4		
11	94050-08080	NUT, FLANGE, 8MM	4	4	4	4	4	4	4	4		
12	95701-08025-00	BOLT, FLANGE, 8X25	2	2	2	-	2	-	2	-		
	95701-08025-08		-	-	-	2	-	2	-	2		
13	95701-08032-00	BOLT, FLANGE, 8X32	2	2	2	-	2	-	2	-		
	95701-08032-08		-	-	-	2	-	2	-	2		

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F-4

LABEL

F 7



YG79F0400B

Ref. L.O.N. (Relative ref. Number)
No. Description F.R.T.

NO INFORMATION

Ref. No.	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
			WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
1	78140-YG7-000	MARK(WB20XH)	1	-	-	-	-	-	-	-		
	78140-YG8-000	MARK(WB30XH)	-	1	-	-	-	-	-	-		
	78140-YG8-A30	MARK(WB30XH2)	-	-	1	-	-	-	-	-		
	78140-YG8-B30	MARK(WB30XH3)	-	-	-	1	-	-	-	-		
	78140-YG7-A30	MARK(WL20XH)	-	-	-	-	1	-	-	-		
	78140-YG7-F30	MARK(WL20XH1)	-	-	-	-	-	1	-	-		
	78140-YG8-D30	MARK(WL30XH)	-	-	-	-	-	-	1	-		
	78140-YG8-F30	MARK(WL30XH1)	-	-	-	-	-	-	-	1		
2	78141-YG7-000	MARK, CAUTION(PUMP)	1	1	1	-	1	-	1	-		
	78141-YG7-010	.....	-	-	-	1	-	1	-	1		
3	87150-YG7-000	MARK, CAUTION	1	1	-	-	-	-	-	-		
	87516-ZK6-810	MARK, OPERATOR CAUTION (CHINESE)(MADE IN CHINA)	-	-	1	-	-	-	-	-		
4	87152-YG7-000	LABEL, SPECIFICATION	1	-	-	-	-	-	-	-	-----	DF,DFX
	87152-YG7-010	.....	1	-	-	-	-	-	-	-	9096755	DF1,DFX1
	87152-YG7-610	LABEL, SPEC	1	-	-	-	-	-	-	-	9096756	DF1,DFX1
	87152-YG8-000	LABEL, SPECIFICATION	-	1	-	-	-	-	-	-	-----	DF,DFX
	87152-YG8-010	.....	-	1	-	-	-	-	-	-	-----	DF1,DFX1
5	87594-YB3-T00	MARK, OIL CAUTION	1	1	1	1	1	1	1	1		
6	87150-YG7-000	MARK, CAUTION	-	-	1	-	1	-	1	-		
7	87516-ZK6-810	MARK, OPERATOR CAUTION (CHINESE)(MADE IN CHINA)	-	-	-	1	1	1	1	1		

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PART NO. INDEX

G 1

Part Number	Address	Page	Ref.	Part Number	Address	Page	Ref.	Part Number	Address	Page	Ref.	Part Number	Address	Page	Ref.	Part Number	Address	Page	Ref.
06000				13012-ZL0-003	D5	23	1	16010-ZE1-812	D14	32	1	16212-ZH8-800	D15	33	13				
06111-ZDK-000	E16	50	1	13012-ZL0-004	D5	23	1	16011-Z1T-004	E2	36	1		E2	36	17	17210-ZE1-822	E8	42	2
06280-Z1T-305	D11	29	22	13013-Z1T-003	D5	23	1	16011-Z1T-711	D14	32	2	16220-ZE1-020	D15	33	14				
				13013-Z1T-701	D5	23	1	16011-ZDK-005	E4	38	1		E2	36	18	17211-Z1T-600	E6	40	1
				13013-Z1T-801	D6	24	1	16011-ZE0-005	D14	32	2		E4	38	14	17211-Z1T-601	E6	40	1
				13013-Z4K-004	D5	23	1	16012-ZDK-005	E4	38	8	16221-Z1T-701	D15	33	15	17211-ZE1-000	E6	40	1
11000					D6	24	1	16013-ZDS-B01	D14	32	3		E2	36	19	17212-Z1T-600	E6	40	2
11300-Z1T-630	D4	22	1	13013-Z4P-003	D5	23	1	16013-Z1T-004	E2	36	2		E4	38	15	17212-Z1T-601	E6	40	2
11300-ZDK-630	D4	22	1		D6	24	1	16013-Z1T-711	D14	32	3	16221-ZH8-801	D15	33	15	17212-ZE1-000	E6	40	2
11381-Z1T-701	D4	22	2	13013-ZL0-003	D6	24	1	16013-ZDK-005	E4	38	2		E2	36	19	17218-ZE1-821	E8	42	3
11381-ZH8-801	D4	22	2	13013-ZL0-004	D6	24	1	16013-ZE0-005	D14	32	3	16271-ZE1-000	E8	42	1				
				13101-Z1T-000	D6	24	2	16014-ZDK-005	E4	38	3		E9	43	1	17230-ZE1-820	E8	42	4
12000				13101-Z1T-010	D6	24	2	16015-Z1T-004	E2	36	3	16361-Z1T-004	E2	36	20	17231-Z1T-600	E6	40	3
12000-Z1T-405	D3	21	1	13101-ZH8-010	D6	24	2	16015-ZDK-005	E4	38	4	16364-Z1T-004	E2	36	21	17231-Z1T-601	E6	40	3
12000-Z1T-406	D3	21	1	13101-ZH8-020	D6	24	2	16015-ZE0-831	D14	32	4	16364-ZDK-005	E4	38	16	17231-ZDK-820	E9	43	4
12000-ZDK-405	D3	21	1	13102-Z1T-000	D7	25	2	16016-ZDK-003	D14	32	5	16500-Z1T-000	E14	48	1	17231-ZE1-000	E6	40	3
12000-ZDK-406	D3	21	1	13102-ZH8-010	D6	24	2	16016-ZDK-005	E4	38	5	16510-Z1T-000	D3	21	3	17232-891-000	E8	42	5
12204-ZE1-306	D1	19	1	13102-ZH8-020	D6	24	2	16016-ZH7-W01	D14	32	5	16531-Z1T-000	D3	21	4				
12205-ZE1-315	D1	19	2	13103-Z1T-000	D7	25	2	16018-ZDK-005	E4	38	6	16541-Z1T-000	D3	21	5	17238-Z1T-600	E6	40	4
12209-ZH8-003	D8	26	1	13103-ZH8-010	D6	24	2	16019-Z1T-004	E2	36	4	16551-ZE0-010	E14	48	2	17238-Z1T-601	E6	40	4
12210-Z1T-000	D1	19	3	13103-ZH8-020	D6	24	2	16019-ZDK-005	E4	38	7	16555-ZE1-000	E14	48	3	17238-ZE7-010	E6	40	4
12210-Z1T-010	D1	19	3	13104-Z1T-000	D7	25	2	16021-ZDK-005	E4	38	9	16561-ZE1-020	E14	48	4				
12210-Z1T-405	D1	19	3	13104-ZH8-010	D6	24	2	16022-ZDK-005	E5	39	31	16562-ZE1-020	E14	48	5				
12216-ZE5-300	D1	19	4	13104-ZH8-020	D6	24	2	16024-ZE1-811	D14	32	6	16571-Z1T-000	E14	48	6	17239-Z1T-600	E6	40	5
12251-Z1T-003	D1	19	5	13111-Z1T-000	D7	25	3	16028-ZDK-003	D15	33	7	16574-ZE1-000	E14	48	7	17239-Z1T-601	E6	40	5
12251-Z1T-701	D1	19	5	13200-Z0T-800	D7	25	4	16028-ZE0-005	D14	32	7	16575-ZH8-000	E14	48	8	17239-ZE1-000	E6	40	5
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12391-ZE1-000	D1	19	7	13331-357-000	E13	47	1	16049-Z1T-004	E2	36	6	16610-Z1T-000	D15	33	16	17410-Z1T-010	E8	42	8
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13000				14000				16058-Z1T-004	E2	36	8	16610-ZDK-005	E4	38	17	17410-Z1T-611	E6	40	6
13010-Z1T-003	D5	23	1	14100-Z1T-810	D8	26	2	16081-Z1T-004	E2	36	9	16616-Z1T-004	E3	37	23	17410-ZDK-000	E9	43	8
13010-Z1T-701	D5	23	1	14410-ZE1-010	D8	26	3	16100-Z1T-004	E2	36	10	16616-ZDK-005	E4	38	18	17421-Z1T-600	E6	40	7
13010-Z1T-801	D6	24	1	14431-ZE1-000	D8	26	4	16100-Z1T-701	D15	33	9	16617-ZDK-005	E4	38	19	17421-Z1T-601	E6	40	7
13010-Z4K-004	D5	23	1	14441-ZE1-010	D8	26	5	16100-Z1T-711	D15	33	9	16854-ZH8-000	E11	45	1	17421-ZE1-000	E6	40	7
				14451-Z7E-000	D8	26	6	16100-Z1T-W71	D15	33	9	16942-Z1T-004	E3	37	24	17510-Z1T-800ZA	E11	45	3
				14451-ZE1-013	D8	26	6	16100-ZDK-003	D15	33	9	16953-Z1T-004	E3	37	25	17510-ZDK-000ZB	E12	46	12
13010-Z4P-003	D5	23	1	14568-ZE1-000	D8	26	7	16100-ZDK-015	E4	38	10	16953-ZDK-003	D15	33	17	17510-ZE1-020ZA	E11	45	3
				14711-ZF1-000	D8	26	8	16100-ZDK-G23	E4	38	10	16953-ZDK-005	E4	38	20	17510-ZE1-030ZA	E11	45	3
13010-ZL0-003	D5	23	1	14721-ZF1-000	D8	26	9	16100-ZH8-W71	D15	33	9	16953-ZE1-812	D15	33	17	17510-ZE1-030ZN	E11	45	3
13010-ZL0-004	D5	23	1	14751-ZF1-000	D8	26	10	16124-ZE0-005	D15	33	10	16954-Z1T-004	E3	37	26	17620-Z1T-800	E11	45	4
13011-Z1T-003	D5	23	1	14771-ZE1-000	D8	26	11	16127-Z1T-004	E2	36	11	16954-ZE1-812	D15	33	18	17631-Z1T-800	E11	45	5
13011-Z1T-701	D5	23	1	14773-ZE1-000	D8	26	12	16129-Z1T-004	E2	36	12	16955-Z1T-000	E11	45	2	17672-ZE2-W01	E11	45	6
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								16166-ZDK-003	D15	33	11	16958-Z1T-004	E3	37	28	18310-Z1T-010	E10	44	1
13011-ZL0-003	D5	23	1	15510-ZE1-033	D3	21	2	16166-ZDK-005	E4	38	11	16964-Z1T-004	E3	37	29	18310-ZDK-000	E10	44	1
13011-ZL0-004	D5	23	1	15600-Z1T-000	D4	22	3	16166-ZH8-W50	D15	33	11	16964-ZDK-005	E4	38	21	18320-Z1T-000	E10	44	2
13012-Z1T-003	D5	23	1	15600-Z1T-600	D4	22	4	16166-ZH8-W60	D15	33	11	16965-Z1T-004	E3	37	30	18320-Z1T-010	E10	44	2
13012-Z1T-701	D5	23	1	15625-Z1T-000	D4	22	5	16173-001-004	D16	34	25	16967-Z1T-004	E3	37	31	18320-Z1T-701	E10	44	2
13012-Z1T-801	D6	24	1	15721-ZH8-000	D1	19	8	16211-Z1T-000	D15	33	12	16967-ZE0-811	E1	35	26	18320-ZDK-000	E10	44	2
13012-Z4K-004	D5	23	1						E2	36	16	16992-Z1T-004	E3	37	32	18381-Z1T-003	E10	44	3
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19610-Z1T-000ZA	D13	31	1	30500-Z1T-013	E13	47	4	78102-YG8-A30	F3	53	2	78141-YG7-000	F7	57	2	90034-402-000	F1	51	14
19610-ZDK-000ZA	D13	31	1	30500-Z1T-023	E13	47	4	78103-YG3-000	F1	51	3	78141-YG7-010	F7	57	2		F2	52	15
19610-ZE1-000ZP	D13	31	1	30500-Z1T-701	E13	47	4	78103-YG4-000	F3	53	3	78311-954-010	F6	56	4	90043-YB4-000	F1	51	15
19610-ZE1-010ZP	D13	31	1	30500-ZDK-004	E13	47	10	78103-YG4-000	F5	55	3	78311-YB4-010	F6	56	4		F3	53	15
19611-ZDK-810	D13	31	2	30700-Z1T-003	E13	47	5	78104-YG3-000	F1	51	4	78312-YG3-000	F6	56	5		F5	55	15
19611-ZH8-810	D13	31	2	30700-Z1T-701	E13	47	5	78104-YG4-000	F3	53	4	78312-YG4-000	F6	56	5	90043-ZDK-000	D1	19	10
19612-ZH8-000	D13	31	3	30700-ZDK-004	E13	47	5	78104-YG4-000	F5	55	4	78312-YG7-A30	F6	56	5	90043-ZE1-020	D1	19	10
19631-Z1T-000	D13	31	4					78106-YB3-000	F1	51	5	78312-YG8-A30	F6	56	5	90047-ZDK-000	D1	19	11
19631-ZDK-000	D13	31	4	31000				78106-YB4-000	F3	53	5	78313-YB3-000	F6	56	6	90047-ZE1-000	D1	19	11
				31110-Z1T-003	E13	47	6	78106-YG7-A30	F1	51	5	78313-YB4-010	F6	56	6	90050-ZE1-000	E10	44	4
				31110-Z1T-004	E13	47	6	78106-YG8-A30	F3	53	5	78325-YG3-000	F6	56	7	90114-SAO-000	E14	48	14
									F5	55	5	78325-YG4-000	F6	56	8	90121-952-000	E13	47	8
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28400-Z1T-701ZB	D11	29	14	32195-Z1T-701	E13	47	7	78107-YG8-A30	F3	53	6	87150-YG7-000	F7	57	3	90201-Z1T-601	E7	41	8
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28400-ZH8-033YA	D10	28	1	34000				78110-YB4-000	F3	53	7	87152-YG7-010	F7	57	4	90281-YB4-000	F2	52	16
28410-Z1T-701ZB	D10	28	2						F5	55	7	87152-YG7-610	F7	57	4		F4	54	16
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28414-ZDK-003	D12	30	2	34150-ZH7-013	D13	31	5	78112-YB4-T21	F3	53	8	87152-YG8-010	F7	57	4	90325-044-000	E7	41	8
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28421-ZDK-003	D12	30	4	35120-Z0D-V81	D13	31	6	78117-YB3-K10	F1	51	9	87521-ZH8-040	E15	49	2		F4	54	17
28421-ZH8-801	D10	28	3	35480-Z0T-003	D3	21	2		F3	53	10	87522-Z1T-G21	E15	49	3		F5	55	17
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28422-ZH8-801	D10	28	4						F3	53	11	87530-ZR4-V60	E15	49	5	90601-ZE1-000	D3	21	8
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	D11	29	20	36100-ZF6-P82	D13	31	7	78118-YB3-004	F1	51	11	87532-ZH8-W40	E15	49	8	90602-ZE1-000	D3	21	9
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28441-ZH8-801	D10	28	7	50310-YG7-000	F6	56	1	78118-YG8-003	F1	51	10	89218-ZE1-000	E15	49	6	91001-ZF1-003	D3	21	10
	D11	29	21	50310-YG7-A30	F6	56	1		F3	53	11	89219-805-000	E15	49	7	91001-ZF1-004	D3	21	10
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28442-ZH8-003	D10	28	8	50310-YG8-000	F6	56	1	78122-YB3-000	F1	51	12						D4	22	6
28443-Z1T-701	D11	29	18	50310-YG8-A30	F6	56	1		F3	53	13					91301-Z1T-004	E3	37	33
28443-ZDK-003	D12	30	9	50310-YG8-F30	F6	56	1		F5	55	13	90001-Z1T-000	D7	25	6	91301-ZDK-005	E5	39	26
28443-ZH8-801	D10	28	9					78130-YB4-003	F1	51	13	90001-ZDK-005	E4	38	22	91302-Z1T-004	E3	37	34
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28451-ZDK-003	E13	47	3	60407-812-000	F6	56	2		F3	53	14	90003-ZDK-003	D12	30	12	91303-ZDK-005	E5	39	28
28451-ZH8-801	E13	47	3						F5	55	14	90003-ZDK-005	E5	39	24	91351-YB3-003	F2	52	18
28461-ZDK-003	D12	30	10	78000				78139-YB3-000	F6	56	3	90003-ZH8-801	D11	29	12	91351-YB3-004	F2	52	18
28461-ZH8-003	D10	28	10					78139-YB4-000	F6	56	3					91351-YG7-003	F2	52	18
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	D11	29	11	78101-YG8-000	F3	53	1	78140-YG7-F30	F7	57	1	90012-ZE0-010	D8	26	15		E11	45	8
28462-ZDK-003	D12	30	11	78101-YG8-A30	F3	53	1	78140-YG8-000	F7	57	1	90013-883-000	D1	19	9	91353-Z7E-003	D3	21	12
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95001-45140-40	E11	45	10																
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95002-02080	E11	45	11																
95003-25014-20	E11	45	1																
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95701-06020-00	E7	41	10																
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ARM, VALVE ROCKER	D8	26	4	CAP, CLEANER	E6	40	7		E8	42	8
[B]				CAP, FILLER	F1	51	9		E9	43	8
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	D4	22	9	CASE, RECOIL STARTER	D12	30	2	FAN, COOLING	E13	47	2
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	E5	39	23	CASING	F5	55	6		E9	43	3
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	D13	31	8	CLIP, PISTON PIN, 18MM	D7	25	7	GASKET	E4	38	8
	E14	48	12	CLIP, TUBE	E11	45	11	GASKET KIT	E16	50	1
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BOLT, FLANGE, 6X20	D13	31	9	COIL ASSY., IGNITION	E13	47	4	GASKET, CYLINDER HEAD	D1	19	5
	E7	41	10					GASKET, MUFFLER	E10	44	3
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	F6	56	12	COLLAR, RECOIL STARTER	D12	30	3	GUIDE, IN. VALVE	D1	19	1
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December 01, 2015



PARTS CATALOGUE NEWS

Service Technology Department, Power Products Operations
Service Division, Honda Motor Co., Ltd.

PARTS CATALOGUE - CORRECTED

Printed in Japan

CODE NO.	19YG74J3
PARTS CATALOGUE NEWS	WB20XH WB30XH WB30XH2 WB30XH3 WL20XH WL20XH1 WL30XH WL30XH1
NEWS NO.	001

(CHINA-KD)

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					WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		
E-14-2	10	L	16100-ZDK-015	CARBURETOR ASSY. (RA01 A).....	-	-	-	-	1	-	1	-	-----	1196693
		T	16100-ZDK-G23	CARBURETOR ASSY. (RA05 A).....	-	-	-	-	1	-	1	-	1196694	-----
					-	-	-	-	-	1	-	1		
	29	L	99151-ZDK-0620	JET, MAIN, #62..... (CARBURETOR NO.)	-	-	-	-	(1)	-	(1)	-	-----	RA01 A
		T	99151-ZDK-0680	JET, MAIN, #68..... (CARBURETOR NO.)	-	-	-	-	(1)	-	(1)	-	RA05 A	-----
					-	-	-	-	-	(1)	-	(1)		
E-15	6		17410-Z1T-611	ELBOW COMP., AIR CLEANER (ZHEJIANG HENGBO)	1	1	-	-	-	-	-	-	2625285 3565487	DF1, DFX1
		A	17410-Z1T-612	.....	1	1	-	-	-	-	-	-	3565488	----- DF1, DFX1

NOTE A:PART NO. CHANGE D:NEWLY PROVIDED E:PART NO.DELETION K:REQUIRED NO. CORRECTION L:APPLICATION SERIAL NO. CORRECTION
M:PART DESCRIPTION CORRECTION T:APPLICATION CORRECTION Z:REMARKS CHANGE

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Block No.	Ref. No.	Note	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code											
					WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1													
E-15-1 AIR CLEANER (WB30XH2/WB30XH3)																									
<table><tr><th>Ref. No.</th><th>(Relative ref. Number)</th><th></th></tr><tr><td>No. LON</td><td>Description</td><td>FRT</td></tr><tr><td>2</td><td>(12)</td><td></td></tr><tr><td>3121B8</td><td>ELEMENT, AIR CLEANER INCLUDES: Air cleaner element -inspection</td><td>0.1</td></tr></table>					Ref. No.	(Relative ref. Number)		No. LON	Description	FRT	2	(12)		3121B8	ELEMENT, AIR CLEANER INCLUDES: Air cleaner element -inspection	0.1									
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2	(12)																								
3121B8	ELEMENT, AIR CLEANER INCLUDES: Air cleaner element -inspection	0.1																							
YG79E1501A																									
E-15-1	2	E	17210-Z1T-621	*PARTS NO. DELETION																					
	12	D	17210-Z1T-621	ELEMENT, AIR CLEANER (DUAL)....	-	-	1	-	-	-	-	-	4452456	-----											
					-	-	-	1	-	-	-	-													

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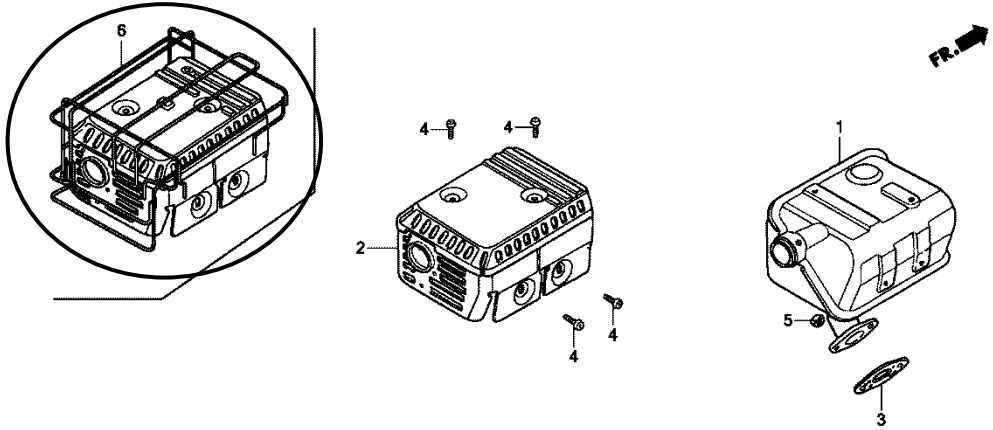
BOOKNo. :19YG74J3

Block No.	Ref. No.	Note	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code																									
					WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1																											
E-15-2 AIR CLEANER (WL20XH/WL20XH1/WL30XH/WL30XH1)																																							
<table><tr><th>Ref. No.</th><th>(Relative ref. Number)</th><th></th><th></th><th></th></tr><tr><th>No.</th><th>LON</th><th>Description</th><th>FRT</th><th></th></tr><tr><td>2</td><td></td><td>(12)</td><td></td><td></td></tr><tr><td>3121B8</td><td></td><td>ELEMENT, AIR CLEANER</td><td>0.1</td><td></td></tr><tr><td></td><td></td><td>. INCLUDES: Air cleaner element -inspection</td><td></td><td></td></tr></table>					Ref. No.	(Relative ref. Number)				No.	LON	Description	FRT		2		(12)			3121B8		ELEMENT, AIR CLEANER	0.1				. INCLUDES: Air cleaner element -inspection												
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YG79E1502A																																							
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	3	L	17218-ZE1-821	FILTER, OUTER.....	-	-	-	-	1	-	1	-	-----	1237997																									
	5	L	17232-891-000	GROMMET, AIR CLEANER.....	-	-	-	-	1	-	1	-	-----	1237997																									
	12	D	17210-Z1T-621	ELEMENT, AIR CLEANER (DUAL)....	-	-	-	-	1	-	1	-	1237998 -----																										
					-	-	-	-	-	1	-	1																											

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					WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1																	
E-16 MUFFLER																													
<table><tr><th>Ref. No.</th><th>LON</th><th>(Relative ref. Number)</th><th>Description</th><th>FRT</th></tr><tr><td>2</td><td></td><td>(6)</td><td></td><td></td></tr><tr><td>3131D6</td><td></td><td>PROTECTOR, EXHAUST MUFFLER ...</td><td>0.2</td><td></td></tr></table>					Ref. No.	LON	(Relative ref. Number)	Description	FRT	2		(6)			3131D6		PROTECTOR, EXHAUST MUFFLER ...	0.2											
Ref. No.	LON	(Relative ref. Number)	Description	FRT																									
2		(6)																											
3131D6		PROTECTOR, EXHAUST MUFFLER ...	0.2																										
YG79E1600A																													
E-16	2	T	18320-Z1T-010	PROTECTOR, MUFFLER (STD.).....	1	1	-	-	-	-	-	-	3622447	DF, DFX															
		E	18320-ZDK-000	*PARTS NO. DELETION																									
	6	D	18320-Z1T-H80	PROTECTOR COMP., MUFFLER.....	-	-	1	1	-	-	-	-																	
		D	18320-ZDK-G20		-	-	-	-	1	1	1	1																	
E-17	2	L	16955-Z1T-000	JOINT, FUEL TANK.....	1	1	-	-	-	-	-	-	2363689	DF, DFX															
		T	16955-Z1T-010		1	1	-	-	-	-	-	-	2363690	DF, DFX															
					1	1	1	1	1	1	1	1		DF1, DFX1															

NOTE A:PART NO. CHANGE D:NEWLY PROVIDED E:PART NO.DELETION K:REQUIRED NO. CORRECTION L:APPLICATION SERIAL NO. CORRECTION
M:PART DESCRIPTION CORRECTION T:APPLICATION CORRECTION Z:REMARKS CHANGE

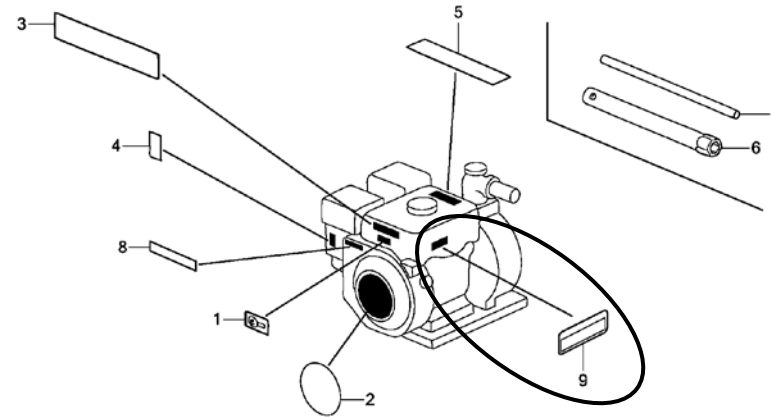
PARTS CATALOGUE NEWS

BOOKNo. :19YG74J3

Block No.	Ref. No.	Note	Part No.	Description	Reqd. QTY								Serial No.	Parts catalogue code
					WB 20 XH	WB 30 XH	WB 30 XH2	WB 30 XH3	WL 20 XH	WL 20 XH1	WL 30 XH	WL 30 XH1		

E-28

LABEL



YG79E2800B

E-28	5	E	87532-Z7E-010	*PARTS NO. DELETION										
	9	D	87532-Z7E-010	MARK, OIL ALERT.....	1	1	1	1	1	1	1	1	-----	DFX1
F-4	2	L	78141-YG7-000	MARK, CAUTION (PUMP).....	1	1	1	-	1	-	-	-		
					-	-	-	-	-	-	1	-	-----	1034521
		T	78141-YG7-010	.....	-	-	-	1	-	1	-	1		
					-	-	-	-	-	-	1	-	1034522	-----
	4		87152-YG7-610	LABEL, SPEC.....	1	-	-	-	-	-	-	-	9096756	9239641
		A	87152-YG7-611	.....	1	-	-	-	-	-	-	-	9239642	-----
		L	87152-YG8-010	LABEL, SPECIFICATION.....	-	1	-	-	-	-	-	-	-----	9085690
		D	87152-YG8-610	LABEL, SPEC.....	-	1	-	-	-	-	-	-	9085691	9240647
		D	87152-YG8-611		-	1	-	-	-	-	-	-	9240648	-----

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