

# ***GENERAL PURPOSE ENGINE***

**GX270UH**

**PARTS CATALOGUE**

**1**



GX270UH

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FOREWORD INDEX

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ENGINE GROUP

**2**

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**4**

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### Instruction for use of parts catalogue

- **This parts catalogue was prepared based on the latest information available as of January 10, 2008.**
- See the parts catalogue news for any revision that is made after January 10, 2008.
- **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.**

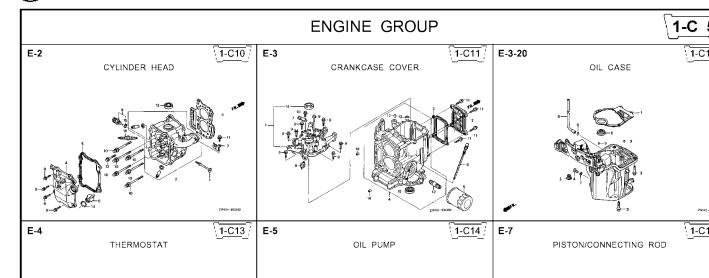
Initial version issue date January 10, 2008  
**Honda Motor Co., Ltd.**

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## How to refer to the part information

## A Reference with "Illustrated index"



## B Reference with "Part number index"

| PART NO. INDEX  |         |      |      |               |         |
|-----------------|---------|------|------|---------------|---------|
| Part Number     | Address | Page | Ref. | Part Number   | Address |
| 06000           |         |      |      | 15212-ZW9-000 | 1-C14   |
| 06316-ZW9-000   | 1-G9    | 88   | 1    | 15220-ZW9-003 | 1-C14   |
| 11000           |         |      |      | 15332-ZW9-000 | 1-E8    |
| 11300-ZW9-405   | 1-C11   | 27   | 1    | 15332-ZW9-A30 | 1-E11   |
| 11300-ZW9-406   | 1-C11   | 27   | 1    | 15400-PFB-004 | 1-C11   |
| 11340-ZW9-000   | 1-C11   | 27   | 2    | 15422-ZW9-000 | 1-C14   |
| 11342-ZW9-000   | 1-C11   | 27   | 3    | 15473-881-000 | 1-C14   |
| 11381-ZW9-003   | 1-C12   | 28   | 1    | 15474-ZW9-000 | 1-C14   |
|                 |         |      |      | 15611-921-000 | 1-C10   |
|                 |         |      |      | 15655-ZW9-000 | 1-C11   |
| 12000           |         |      |      | 16000         |         |
| 12000-ZW9-405ZA | 1-C11   | 27   | 4    | 16010-ZV4-005 | 1-D4    |
| 12155-ZV4-A00   | 1-C13   | 29   | 1    | 16011-ZV4-005 | 1-D4    |
| 12166-ZW9-000   | 1-C10   | 26   | 1    | 16013-ZW9-003 | 1-D4    |
| 12209-GB4-681   | 1-C16   | 32   | 1    | 16016-ZW9-003 | 1-D4    |
| 12210-ZW9-405ZA | 1-C10   | 26   | 2    | 16016-ZW9-721 | 1-D4    |
| 12216-ZE2-300   | 1-E8    | 55   | 1    | 16023-ZW9-003 | 1-D4    |
|                 | 1-E11   | 58   | 1    | 16024-ZV4-650 | 1-D4    |
|                 |         |      |      | 16028-ZV4-650 | 1-D4    |

## C Reference with "Part name index"

| PART NAME INDEX              |         |      |      |      |      |
|------------------------------|---------|------|------|------|------|
| Part name                    | Address | Page | Ref. |      |      |
| [ A ]                        |         |      |      | BOLT |      |
| ABSORBER, FUEL.....          | 1-E15   | 62   | 5    |      |      |
| ARMATURE COMP.....           | 1-D11   | 43   | 7    |      | BOLT |
| ARM COMP., LINK JOINT.....   | 1-G6    | 85   | 18   |      | BOLT |
| ARM COMP., SHIFT LINK.....   | 1-G6    | 85   | 14   |      | BOLT |
| 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   |      | BOLT |
| 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   |      | BOLT |
| BAND, TUBE CLIP, 11MM.....   | 1-E15   | 63   | 20   |      |      |
| BAND, TUBE CLIP, 12.5MM..... | 1-E15   | 63   | 19   |      | BOLT |

Address No. 1-C10

Block No. E-2

Ref No.

CYLINDER HEAD

FR

ZW83-ED200

| Ref. No. | Part No.        | Description                    | Reqd. QTY                                              | Serial No.      | Parts catalogue code |
|----------|-----------------|--------------------------------|--------------------------------------------------------|-----------------|----------------------|
|          |                 |                                | BF 99D1 BFP 99D1 BF 100D1 BFP 100D1 BF 100D1 BFP 100D1 |                 |                      |
| 1        | 12166-ZW9-000   | STOPPER, ENGINE SIDE           | 2 2 2 2 2 2                                            |                 |                      |
| 2        | 12210-ZW9-000ZA | HEAD COMP., CYLINDER           | 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                                            | SC,SG           |                      |
|          | 16617-ZW9-010   |                                | 1 1 1 1 1 1                                            | 1001800 LHC,LHD |                      |
|          |                 |                                | 1 1 1 1 1 1                                            | 1001801 LHC,LHD |                      |
| 8        | 35675-ZW5-003   | SENSOR ASSY., WATER            | 1 1 1 1 1 1                                            |                 |                      |
| 9        | 90003-ZW9-000   | BOLT, FLANGE, 6X22             | 4 4 4 4 4 4                                            |                 |                      |
| 10       | 90007-ZW9-003   | BOLT, FLANGE, 8X83             | 6 6 6 6 6 6                                            |                 |                      |
| 11       | 90011-ZW9-000   | BOLT, FLANGE, 6X14 (CT200)     | 1 1 1 1 1 1                                            |                 |                      |
| 12       | 90020-ZW9-000   | BOLT, FLANGE, 8X40             | 2 2 2 2 2 2                                            |                 |                      |
| 13       | 91202-KJ9-003   | OIL SEAL, 20X32X6              | 1 1 1 1 1 1                                            |                 |                      |
| 14       | 91301-805-000   | O-RING, 26X2.7                 | 1 1 1 1 1 1                                            |                 |                      |
| 15       | 91307-PK2-005   | O-RING, 9.5X1.5 (HONDA KIKAKI) | 1 1 1 1 1 1                                            |                 |                      |
| 16       | 98059-55916     | PLUG, SPARK (CR5EH-9)          | 2 2 2 2 2 2                                            |                 |                      |
|          | 98059-55926     | PLUG, SPARK (U16FER9)          | 2 2 2 2 2 2                                            |                 |                      |

Page No.

2008.09.20 E

## Part catalogue structure

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

**Service item F.R.T.**

| 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**

| Ref. No. | Part No.        | Description           | Reqd. QTY                       | Serial No. | Parts catalogue code |
|----------|-----------------|-----------------------|---------------------------------|------------|----------------------|
|          |                 |                       | BF BFP BF BFP BF BFP            |            |                      |
|          |                 |                       | 9/9D1 9/9D1 10D1 10D1 10B1 10B1 |            |                      |
| 1        | 12166-ZW9-000   | STOPPER, ENGINE SIDE  | 2 2 2 2 2 2                     |            |                      |
| 2        | 12210-ZW9-000ZA | HEAD COMP., CYLINDER  | 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              | 1 1 1 1 1 1                     |            |                      |
|          |                 | (NO GAUGE)            |                                 |            |                      |
| 7        | 16617-ZW9-000   | HOLDER, CABLE         | 1 1 1 1 1 1                     |            |                      |
|          | 16617-ZW9-010   |                       | 1 1 1 1 1 1                     |            |                      |

**13** SC, S6  
1001800 LHC, LHD

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

**Service item F.R.T.**

| Service item         | F.R.T. |
|----------------------|--------|
| CAM, THROTTLE        | 0.2    |
| (INC. RELATIVE PART) |        |
| 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        | BFP   | BF   | BFP  | BF   | BFP  |            |
|          |                 |                                          | 9.9D1     | 9.9D1 | 10D1 | 10D1 | 10B1 | 10B1 |            |
| 1        | 12166-ZW9-000   | STOPPER, ENGINE SIDE .....               | 2         | 2     | 2    | 2    | 2    | 2    |            |
| 2        | 12210-ZW9-000ZA | HEAD COMP., CYLINDER *NH8*.....DARK GRAY | 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.

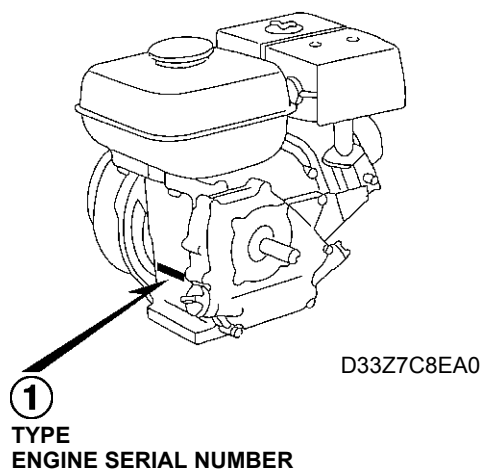
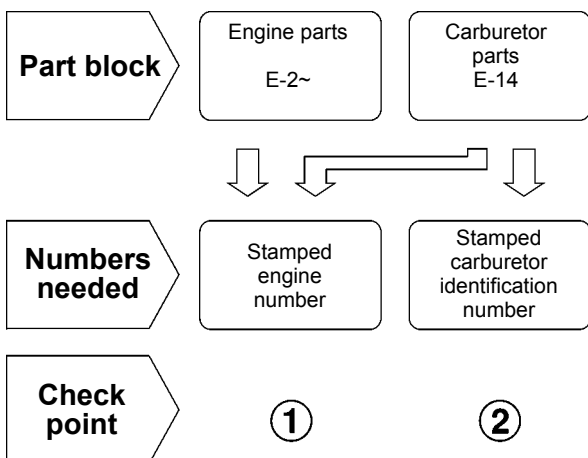
• The parts listed with "###" at the end of the parts name have limited supply period (parts not for sale).

### 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

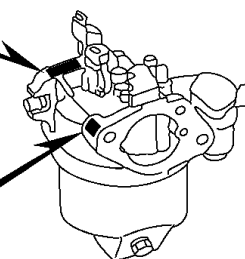


②-B

CARBURETOR  
IDENTIFICATION NUMBER

②-A

CARBURETOR  
IDENTIFICATION NUMBER





### 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 | Applicable engine serial No. | Applicable carburetor identification No. |
|---------|------|----------------------|------------------------------|------------------------------------------|
| GX270UH | QXC9 | QXC9                 | GCAGH-1000001~               | BE70M A                                  |

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

BE 70M A KC ナ  
 (A) (B)

## 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

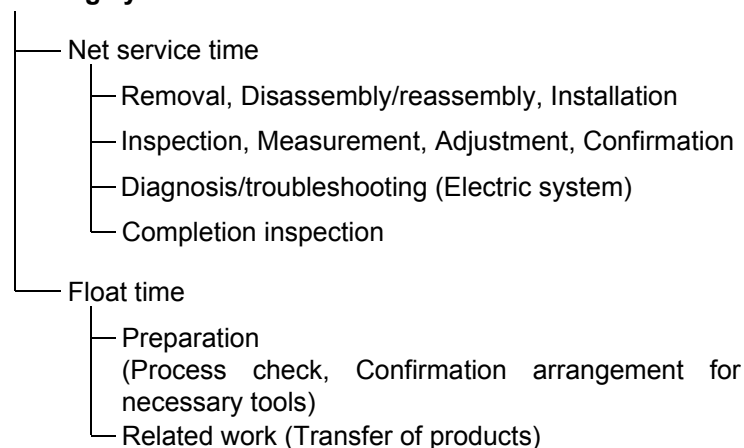
⊙ **CAUTION:** It is **DANGEROUS** to confuse the fuel hose with the general purpose hose or vinyl hose.

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

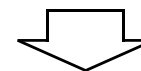
- ④ Indicating the intake valve replacement and FRT4.1.
- ⑤ Indicating FRT1.4 that will be added when additional operation (whole intake side of one cylinder head) is done in association with intake valve replacement.

- 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)<br>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)<br>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 | 1111L3 | CYLINDER HEAD ASSEMBLY-REMOVAL/INSTALLATION | 0.5 |

### (2) Adjustment

|   | LON    | DESCRIPTION                                       | FRT |
|---|--------|---------------------------------------------------|-----|
| E | 1113A1 | VALVE CLEARANCE-ADJUSTMENT<br>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<br>INCLUDES: Air cleaner-inspection | 0.2 |
|   | 3130A0 | SPARK ARRESTER-CLEANING                                  | 0.2 |
|   | 6140A0 | SPARK PLUG-ADJUSTMENT/CLEANING<br>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<br>INCLUDES: All necessary adjustment | 0.5 |

### (5) Other work

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

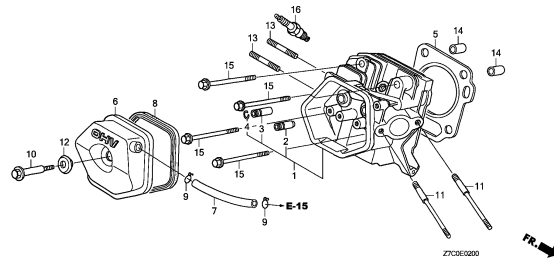
# ENGINE GROUP

**B13**

**E-2**

CYLINDER HEAD

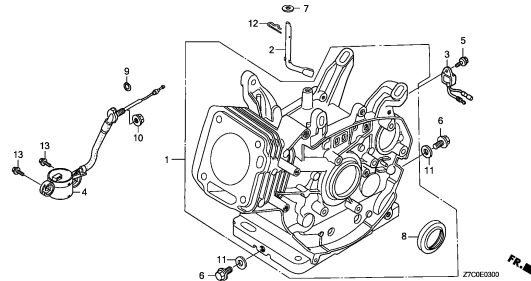
**C 1**



**E-3**

CYLINDER BARREL

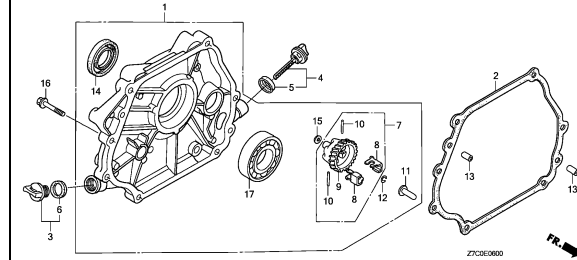
**C 2**



**E-6**

CRANKCASE COVER

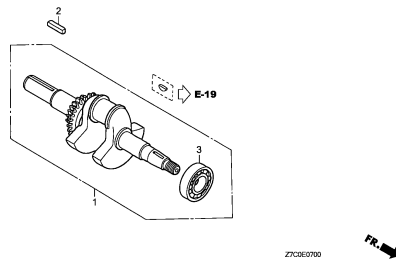
**C 3**



**E-7**

CRANKSHAFT

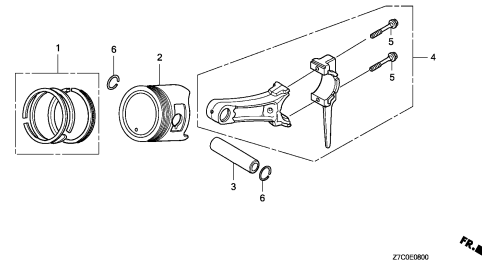
**C 4**



**E-8**

PISTON/CONNECTING ROD

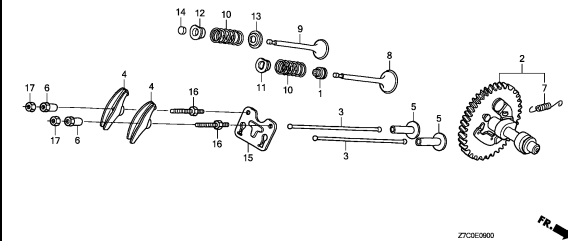
**C 5**



**E-9**

CAMSHAFT

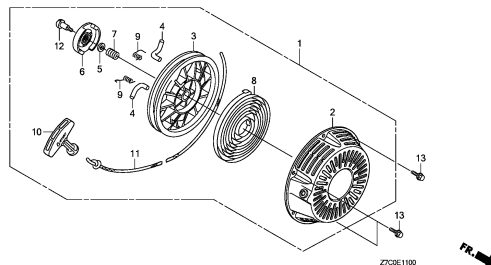
**C 6**



**E-11**

RECOIL STARTER

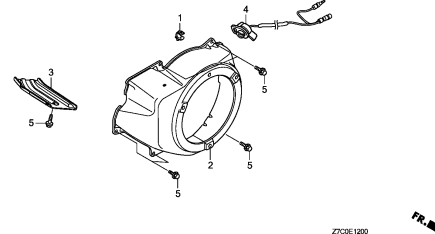
**C 9**



**E-12**

FAN COVER

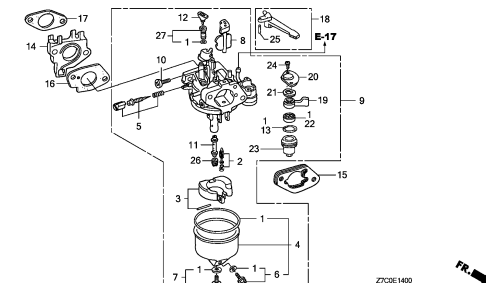
**C10**



**E-14**

CARBURETOR

**C11**



**2**



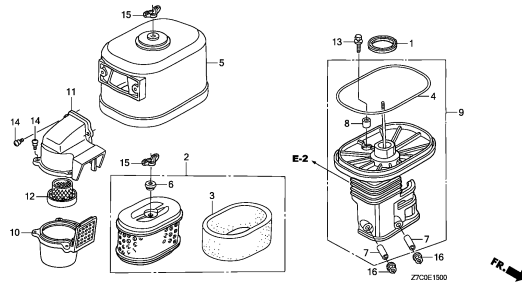
# ENGINE GROUP

**B14**

**E-15**

**AIR CLEANER**

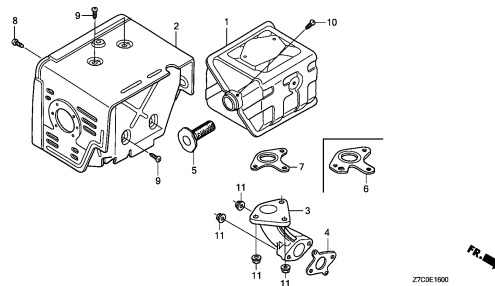
**C13**



**E-16**

**MUFFLER**

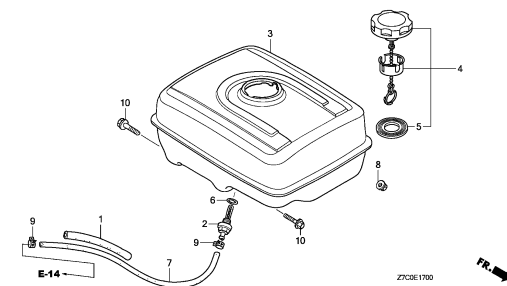
**C14**



**E-17**

**FUEL TANK**

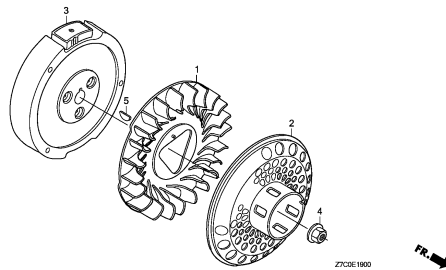
**C15**



**E-19**

**FLYWHEEL**

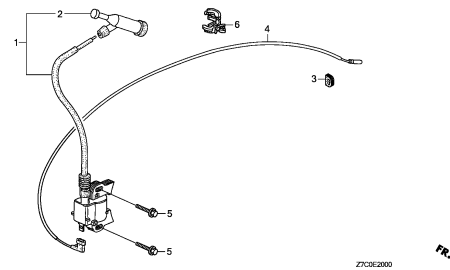
**C16**



**E-20**

**IGNITION COIL**

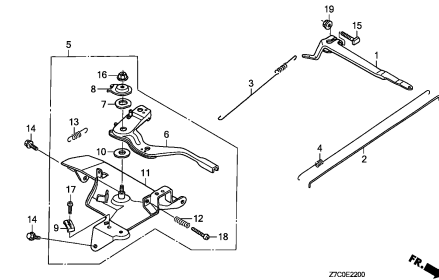
**D 1**



**E-22**

**CONTROL**

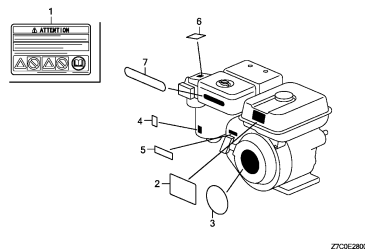
**D 2**



**E-28**

**LABEL**

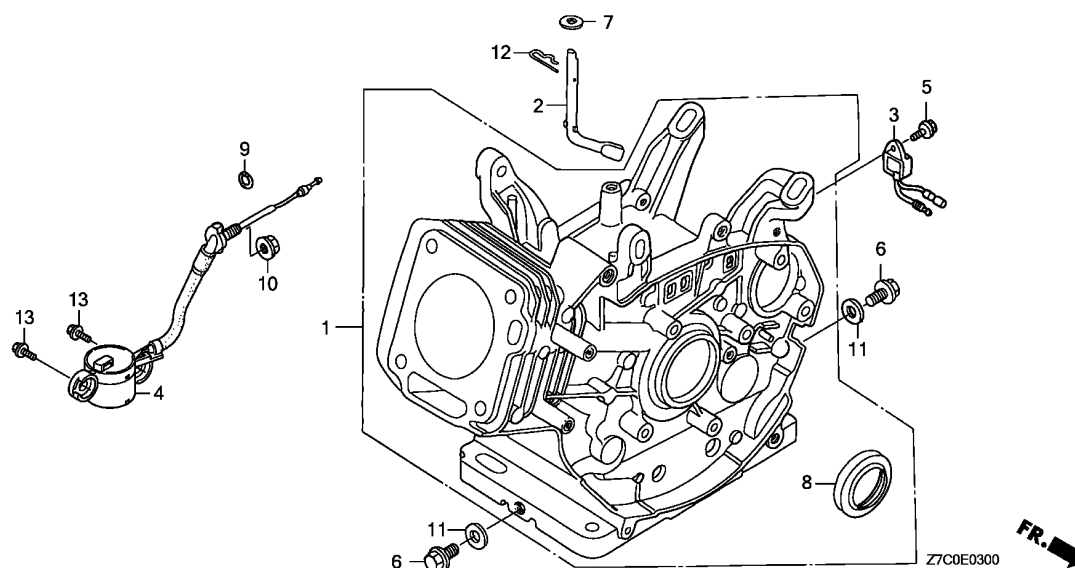
**D 3**



**2**

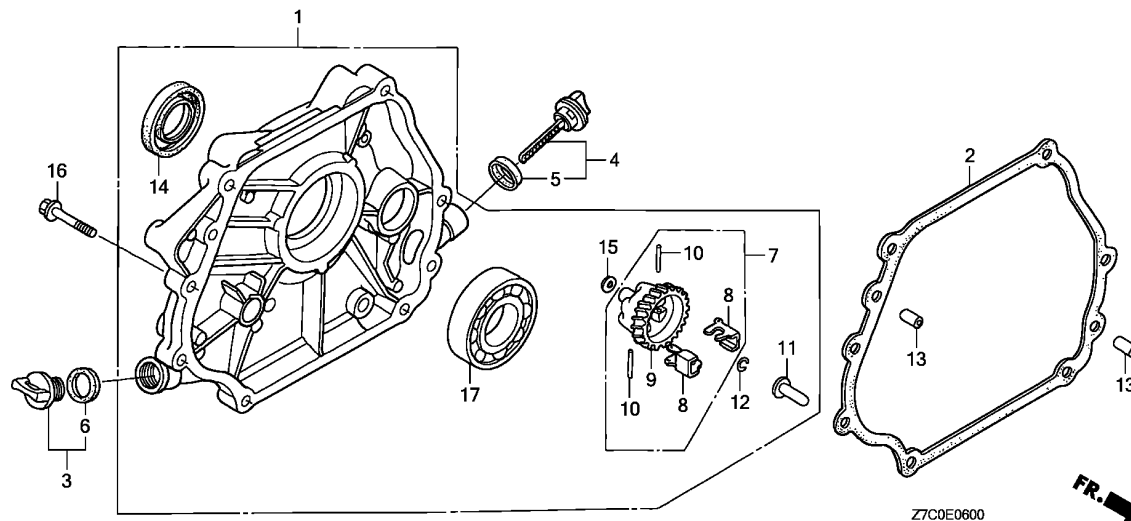
**C 1**

FR. [REDACTED]2



| Ref. No. | L.O.N. | (Relative ref. Number)<br>Description | F.R.T. |
|----------|--------|---------------------------------------|--------|
| 1        | 1101A0 | BARREL, CYLINDER .....                | 1.8    |
| 2        | 1161B4 | SHAFT, GOVERNOR ARM .....             | 1.1    |
| 3        | 6151A0 | ALERT UNIT, ENGINE OIL .....          | 0.1    |
| 4        |        | (9)                                   |        |
|          | 6151E8 | SWITCH, OIL LEVEL .....               | 0.5    |
| 8        | 1101E4 | OIL SEAL, CRANKSHAFT :FRONT ..        | 1.1    |

| Ref. No. | Part No.       | Description                    | Reqd. QTY<br>GX<br>270<br>UH | Serial No. | Parts catalogue code |
|----------|----------------|--------------------------------|------------------------------|------------|----------------------|
| 1        | 12000-ZH9-406  | BARREL ASSY., CYLINDER (ALERT) | 1                            |            |                      |
| 2        | 16541-Z7B-000  | SHAFT, GOVERNOR ARM .....      | 1                            |            |                      |
| 3        | 34150-ZH7-013  | ALERT UNIT, OIL .....          | 1                            |            |                      |
| 4        | 35480-Z7E-003  | SWITCH ASSY., OIL LEVEL .....  | 1                            |            |                      |
| 5        | 90013-883-000  | BOLT, FLANGE, 6X12(CT200) ...  | 1                            |            |                      |
| 6        | 90131-883-000  | BOLT, DRAIN PLUG, 12X15 .....  | 2                            |            |                      |
| 7        | 90446-Z7E-000  | WASHER, 8.2X17X0.8 .....       | 1                            |            |                      |
| 8        | 91201-Z7B-003  | OIL SEAL, 30X46X8 .....        | 1                            |            |                      |
| 9        | 91353-Z7E-003  | O-RING, 14MM .....             | 1                            |            |                      |
| 10       | 94050-10000    | NUT, FLANGE, 10MM .....        | 1                            |            |                      |
| 11       | 94109-12000    | WASHER, DRAIN PLUG, 12MM ..... | 2                            |            |                      |
| 12       | 94251-10000    | PIN, LOCK, 10MM .....          | 1                            |            |                      |
| 13       | 95701-06012-00 | BOLT, FLANGE, 6X12 .....       | 2                            |            |                      |



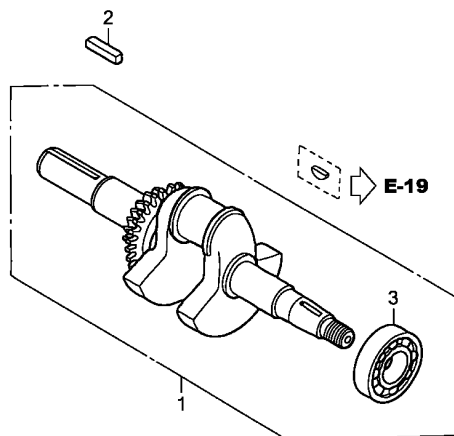
| Ref. No. | L.O.N. | (Relative ref. Number)<br>Description | F.R.T. |
|----------|--------|---------------------------------------|--------|
| 1        | 1101F1 | COVER, CRANKCASE .....                | 0.2    |
| 2        | 1101E9 | PACKING, CRANKCASE COVER .....        | 0.2    |
| 7        | 1161C4 | GOVERNOR ASSEMBLY .....               | 0.3    |
| 9        |        | (8,10)                                |        |
| 11       | 1161A7 | HOLDER, GOVERNOR WEIGHT .....         | 0.3    |
|          |        | (12)                                  |        |
|          | 1161B6 | SLIDER, GOVERNOR .....                | 0.3    |
| 14       | 1101E5 | OIL SEAL, CRANKSHAFT :REAR ...        | 0.3    |
| 17       | 1101A6 | BEARING, CRANKSHAFT :REAR ...         | 0.4    |

| Ref. No. | Part No.       | Description                   | Reqd. QTY<br>GX<br>270<br>UH | Serial No. | Parts catalogue code |
|----------|----------------|-------------------------------|------------------------------|------------|----------------------|
| 1        | 11300-Z7B-800  | COVER ASSY., CRANKCASE .....  | 1                            |            |                      |
| 2        | 11381-ZE2-801  | PACKING, CASE COVER .....     | 1                            |            |                      |
| 3        | 15600-Z1T-600  | CAP ASSY., OIL FILLER .....   | 1                            |            |                      |
| 4        | 15600-Z7E-000  | CAP ASSY., OIL FILLER .....   | 1                            |            |                      |
| 5        | 15625-Z0T-800  | PACKING, OIL FILLER CAP ..... | 1                            |            |                      |
| 6        | 15625-Z1T-000  | PACKING, OIL FILLER CAP ..... | 1                            |            |                      |
| 7        | 16510-Z7B-000  | GOVERNOR ASSY. ....           | 1                            |            |                      |
| 8        | 16511-ZE2-000  | WEIGHT, GOVERNOR .....        | 2                            |            |                      |
| 9        | 16512-Z7B-000  | HOLDER, GOVERNOR WEIGHT ..... | 1                            |            |                      |
| 10       | 16513-ZE2-000  | PIN, GOVERNOR WEIGHT .....    | 2                            |            |                      |
| 11       | 16531-Z0A-000  | SLIDER, GOVERNOR .....        | 1                            |            |                      |
| 12       | 90602-ZE1-000  | CLIP, GOVERNOR HOLDER .....   | 1                            |            |                      |
| 13       | 90701-Z7E-000  | DOWEL PIN, 8X12 .....         | 2                            |            |                      |
| 14       | 91201-Z7B-003  | OIL SEAL, 30X46X8 .....       | 1                            |            |                      |
| 15       | 94101-06800    | WASHER, PLAIN, 6MM .....      | 1                            |            |                      |
| 16       | 95701-08035-00 | BOLT, FLANGE, 8X35 .....      | 7                            |            |                      |
| 17       | 96100-62060-00 | BEARING, RADIAL BALL, 6206 .. | 1                            |            |                      |

E-7

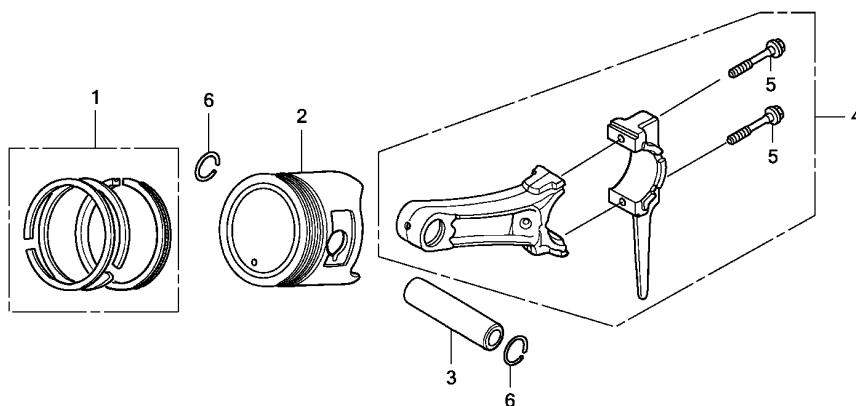
## CRANKSHAFT

C 4



| Ref. No. | L.O.N. | (Relative ref. Number) Description | F.R.T. |
|----------|--------|------------------------------------|--------|
| 1        | 1101F0 | CRANKSHAFT .....                   | 1.1    |
| 3        | 1101A4 | BEARING, CRANKSHAFT :FRONT ...     | 1.3    |

| Ref. No. | Part No.      | Description                    | Reqd. QTY<br>GX<br>270<br>UH | Serial No. | Parts catalogue code |
|----------|---------------|--------------------------------|------------------------------|------------|----------------------|
| 1        | 13310-Z7B-800 | CRANKSHAFT COMP. ....          | 1                            |            |                      |
| 2        | 90745-ZE2-600 | KEY, 6.3X6.3X43 .....          | 1                            |            |                      |
| 3        | 91001-ZH9-003 | BEARING, RADIAL BALL (6206 SH) | 1                            |            |                      |

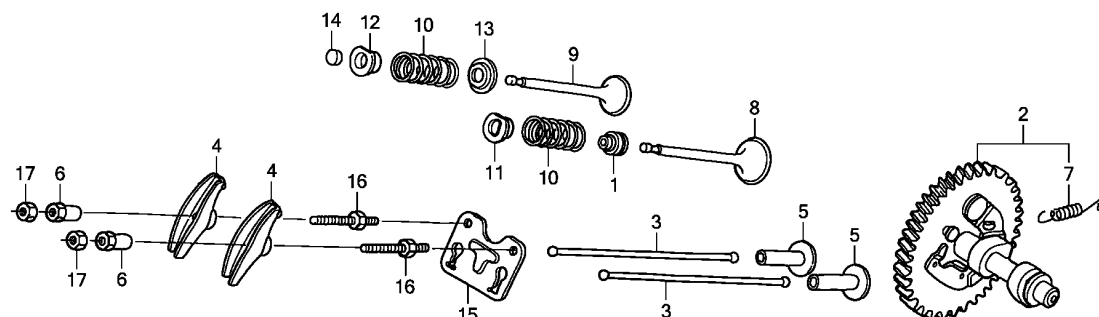


Z7C0E0800



| Ref. No. | L.O.N. | (Relative ref. Number)<br>Description                                                                                  | F.R.T. |
|----------|--------|------------------------------------------------------------------------------------------------------------------------|--------|
| 2        | 1111R1 | (1,3,4)<br>PISTON AND/OR RING SET AND/OR<br>BEARING AND/OR ROD .....<br>.INCLUDES: Inspection/<br>Measurement/Cleaning | 1.2    |

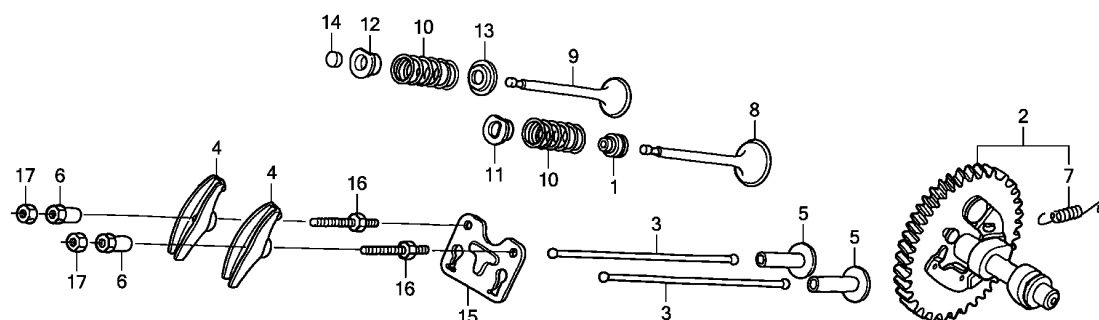
| Ref. No. | Part No.      | Description                                | Reqd. QTY<br>GX<br>270<br>UH | Serial No. | Parts catalogue code |
|----------|---------------|--------------------------------------------|------------------------------|------------|----------------------|
| 1        | 13010-Z5H-004 | RING SET, PISTON (STD.)<br>(TEIKOKU)       | 1                            |            |                      |
|          | 13010-Z5K-003 | RING SET, PISTON (STD.) (RIKEN)            | 1                            |            |                      |
|          | 13011-Z5H-004 | RING SET, PISTON (0.25)<br>(TEIKOKU)       | (1)                          |            |                      |
|          | 13011-Z5K-003 | RING SET, PISTON (0.25) (RIKEN)            | (1)                          |            |                      |
|          | 13012-Z5H-004 | RING SET, PISTON (0.50)<br>(TEIKOKU)       | (1)                          |            |                      |
|          | 13012-Z5K-003 | RING SET, PISTON (0.50) (RIKEN)            | (1)                          |            |                      |
|          | 13013-Z5H-004 | RING SET, PISTON (0.75)<br>(TEIKOKU)       | (1)                          |            |                      |
|          | 13013-Z5K-003 | RING SET, PISTON (0.75) (RIKEN)            | (1)                          |            |                      |
| 2        | 13101-ZH9-010 | PISTON (STD.) .....                        | 1                            |            |                      |
|          | 13102-ZH9-010 | PISTON (0.25) .....                        | (1)                          |            |                      |
|          | 13103-ZH9-010 | PISTON (0.50) .....                        | (1)                          |            |                      |
|          | 13104-ZH9-010 | PISTON (0.75) .....                        | (1)                          |            |                      |
| 3        | 13111-Z7B-000 | PIN, PISTON .....                          | 1                            |            |                      |
| 4        | 13200-Z1D-000 | ROD ASSY., CONNECTING (STD.)               | 1                            |            |                      |
|          | 13200-ZE2-305 | ROD ASSY., CONNECTING<br>(0.25 UNDER SIZE) | (1)                          |            |                      |
| 5        | 90001-ZE8-000 | BOLT, CONNECTING ROD .....                 | 2                            |            |                      |
| 6        | 90551-ZE1-000 | CLIP, PISTON PIN, 18MM .....               | 2                            |            |                      |



Z7C0E0900

| Ref. No. | L.O.N.  | (Relative ref. Number)<br>Description                                  | F.R.T. |
|----------|---------|------------------------------------------------------------------------|--------|
| 1        | 1111K2  | SEAL, INTAKE VALVE STEM .....<br>.INCLUDES: Valve clearance adjustment | 0.6    |
| 2        | 1111C2  | CAMSHAFT .....<br>.INCLUDES: Valve clearance adjustment                | 0.4    |
| 3        | 1111L6  | ROD, PUSH :INTAKE .....<br>.INCLUDES: Valve clearance adjustment       | 0.2    |
|          | 1111L6A | .Replace exhaust push rod add                                          | 0.1    |
|          | 1111L7  | ROD, PUSH :EXHAUST .....<br>.INCLUDES: Valve clearance adjustment      | 0.2    |
|          | 1111L7A | .Replace intake push rod add                                           | 0.1    |
| 4        | 1111A2  | ARM, ROCKER :INTAKE .....<br>.INCLUDES: Valve clearance adjustment     | 0.2    |
|          | 1111A2A | .Replace exhaust rocker arm add                                        | 0.1    |
|          | 1111A1  | ARM, ROCKER :EXHAUST .....<br>.INCLUDES: Valve clearance adjustment    | 0.2    |
|          | 1111A1A | .Replace intake rocker arm add                                         | 0.1    |
| + 5      | 1111L9  | LIFTER, VALVE :INTAKE .....<br>.INCLUDES: Valve clearance adjustment   | 0.4    |

| Ref. No. | Part No.      | Description                   | Reqd. QTY<br>GX<br>270<br>UH | Serial No. | Parts catalogue code |
|----------|---------------|-------------------------------|------------------------------|------------|----------------------|
| 1        | 12209-Z7E-003 | SEAL, VALVE STEM .....        | 1                            |            |                      |
| 2        | 14100-ZE3-020 | CAMSHAFT ASSY. ....           | 1                            |            |                      |
| 3        | 14410-Z7B-000 | ROD, PUSH .....               | 2                            |            |                      |
| 4        | 14431-ZE2-010 | ARM, VALVE ROCKER .....       | 2                            |            |                      |
| 5        | 14441-Z7E-000 | LIFTER, VALVE .....           | 2                            |            |                      |
| 6        | 14451-Z7E-000 | PIVOT, ROCKER ARM .....       | 2                            |            |                      |
| 7        | 14568-ZE1-000 | SPRING, WEIGHT RETURN .....   | 1                            |            |                      |
| 8        | 14711-Z7B-000 | VALVE, IN. ....               | 1                            |            |                      |
| 9        | 14721-Z7B-000 | VALVE, EX. ....               | 1                            |            |                      |
| 10       | 14751-Z7E-000 | SPRING, VALVE .....           | 2                            |            |                      |
| 11       | 14771-ZE2-000 | RETAINER, IN. VALVE SPRING .. | 1                            |            |                      |
| 12       | 14773-ZE2-000 | RETAINER, EX. VALVE SPRING .. | 1                            |            |                      |
| 13       | 14775-ZE2-010 | SEAT, VALVE SPRING .....      | 1                            |            |                      |
| 14       | 14781-Z7E-000 | ROTATOR, VALVE .....          | 1                            |            |                      |
| 15       | 14791-Z7E-000 | GUIDE, PUSH ROD .....         | 1                            |            |                      |
| 16       | 90012-ZE0-010 | BOLT, PIVOT, 8MM .....        | 2                            |            |                      |
| 17       | 90206-ZE1-000 | NUT, PIVOT ADJUSTING .....    | 2                            |            |                      |

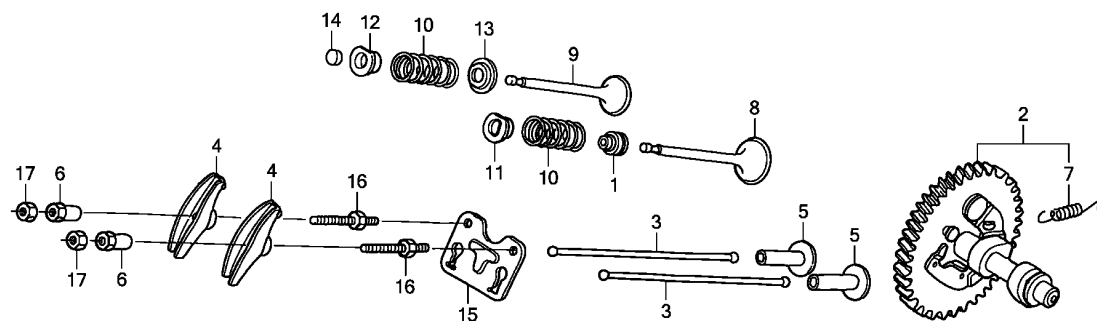


Z7C0E0900



| Ref. No.  | L.O.N. | (Relative ref. Number)<br>Description                                   | F.R.T. |
|-----------|--------|-------------------------------------------------------------------------|--------|
| + 5       |        | .INCLUDES: Valve clearance adjustment<br>.NOTE: Same time for two units |        |
| 1111M0    |        | LIFTER, VALVE :EXHAUST .....                                            | 0.4    |
|           |        | .INCLUDES: Valve clearance adjustment<br>.NOTE: Same time for two units |        |
| 8 1111L1  |        | VALVE, INTAKE .....                                                     | 0.7    |
|           |        | .INCLUDES: Valve clearance adjustment and reface                        |        |
| 1111L1E   |        | .Replace intake and exhaust all add .....                               | 0.1    |
| 9 1111L0  |        | VALVE, EXHAUST .....                                                    | 0.7    |
|           |        | .INCLUDES: Valve clearance adjustment and reface                        |        |
| 1111L0E   |        | .Replace intake and exhaust all add .....                               | 0.1    |
| 10 1111P3 |        | SPRING, VALVE :INTAKE .....                                             | 0.6    |
|           |        | .INCLUDES: Valve clearance adjustment                                   |        |
| 1111P3A   |        | .Replace intake and exhaust all add .....                               | 0.1    |
| 1111P4    |        | SPRING, VALVE :EXHAUST .....                                            | 0.6    |
|           |        | .INCLUDES: Valve clearance adjustment                                   |        |
| +         |        |                                                                         |        |

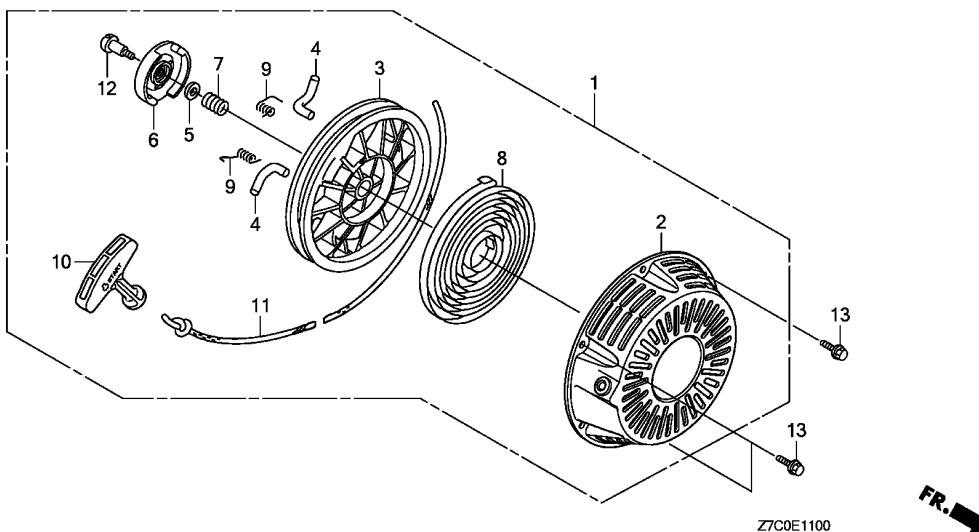




Z7C0E0900

FR. →

| Ref.<br>No. | L.O.N.  | (Relative ref. Number)<br>Description        | F.R.T. |
|-------------|---------|----------------------------------------------|--------|
| +10         | 1111P4A | .Replace intake and exhaust<br>all add ..... | 0.1    |
| 14          | 1111J7  | ROTATOR, VALVE .....                         | 0.2    |
|             |         | .INCLUDES: Valve clearance<br>adjustment     |        |



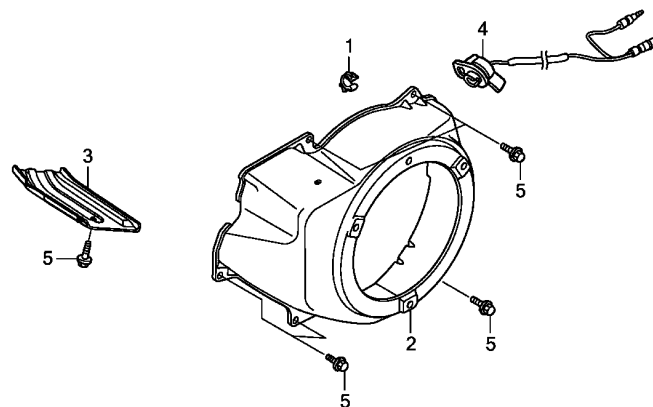
| Ref. No. | L.O.N. | (Relative ref. Number)<br>Description            | F.R.T. |
|----------|--------|--------------------------------------------------|--------|
| 1        | 1121B9 | STARTER, RECOIL .....                            | 0.1    |
| 3        | 1121B1 | REEL, RECOIL STARTER .....                       | 0.3    |
| 4        | 1121B0 | RATCHET, STARTER AND/OR<br>SPRING, RATCHET ..... | 0.2    |
| 6        | 1121A4 | GUIDE, RATCHET .....                             | 0.2    |
| 8        | 1121B7 | SPRING, RECOIL STARTER RETURN                    | 0.3    |
| 11       | 1121B3 | ROPE, RECOIL STARTER .....                       | 0.3    |

| Ref. No. | Part No.        | Description                  | Reqd. QTY<br>GX<br>270<br>UH | Serial No. | Parts catalogue code |
|----------|-----------------|------------------------------|------------------------------|------------|----------------------|
| 1        | 28400-Z7B-003ZA | STARTER ASSY., RECOIL        |                              |            |                      |
|          |                 | *R280*.....POWER RED         | 1                            |            |                      |
|          | 28400-Z7B-003ZB | *NH1*.....BLACK              | 1                            |            |                      |
| 2        | 28410-Z7B-003ZA | CASE COMP., RECOIL STARTER   |                              |            |                      |
|          |                 | *R280*.....POWER RED         | 1                            |            |                      |
|          | 28410-Z7B-003ZB | *NH1*.....BLACK              | 1                            |            |                      |
| 3        | 28420-Z7B-003   | REEL, RECOIL STARTER .....   | 1                            |            |                      |
| 4        | 28422-ZH8-801   | RATCHET, STARTER .....       | 2                            |            |                      |
| 5        | 28431-ZH8-801   | PLATE, FRICTION .....        | 1                            |            |                      |
| 6        | 28433-Z2E-003   | GUIDE, RATCHET .....         | 1                            |            |                      |
| 7        | 28441-Z2E-003   | SPRING, FRICTION .....       | 1                            |            |                      |
| 8        | 28442-Z7E-003   | SPRING, RECOIL STARTER ..... | 1                            |            |                      |
| 9        | 28443-ZH8-801   | SPRING, RETURN .....         | 2                            |            |                      |
| 10       | 28461-Z2E-003   | KNOB, RECOIL STARTER .....   | 1                            |            |                      |
| 11       | 28462-Z7B-003   | ROPE, RECOIL STARTER .....   | 1                            |            |                      |
| 12       | 90003-ZH8-801   | SCREW, SETTING .....         | 1                            |            |                      |
| 13       | 90008-ZE2-003   | BOLT, FLANGE, 6X10 .....     | 3                            |            |                      |

E-12

## FAN COVER

C10



Z7C0E1200

FR. →

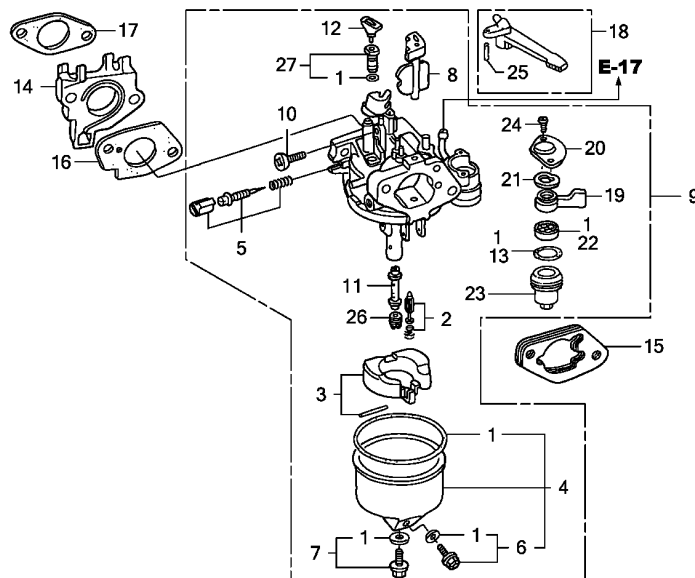
| Ref. No. | L.O.N. | (Relative ref. Number) Description | F.R.T. |
|----------|--------|------------------------------------|--------|
| 2        | 1141G8 | COVER, ENGINE COOLING FAN ....     | 0.2    |
| 4        | 6151D9 | SWITCH, ENGINE STOP .....          | 0.1    |

| Ref. No. | Part No.        | Description                   | Reqd. QTY<br>GX<br>270<br>UH | Serial No. | Parts catalogue code |
|----------|-----------------|-------------------------------|------------------------------|------------|----------------------|
| 1        | 16731-Z7E-000   | CLIP, TUBE .....              | 1                            |            |                      |
| 2        | 19610-Z7B-000ZA | COVER COMP., FAN              |                              |            |                      |
|          |                 | *R280*.....POWER RED          | 1                            |            |                      |
|          | 19610-Z7B-000ZB | *NH1*.....BLACK               | 1                            |            |                      |
|          | 19610-Z7B-000ZC | *NH246*.....LOOSEY GRAY       | 1                            |            |                      |
| 3        | 19631-ZE2-D00   | SHROUD .....                  | 1                            |            |                      |
| 4        | 36100-ZF6-P82   | SWITCH ASSY., ENGINE STOP ... | 1                            |            |                      |
| 5        | 90013-883-000   | BOLT, FLANGE, 6X12(CT200) ... | 6                            |            |                      |

E-14

## CARBURETOR

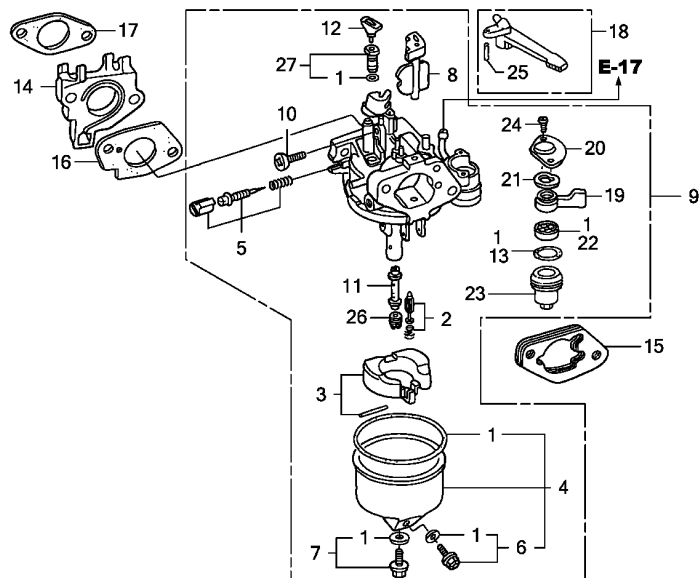
C11



| Ref. No. | L.O.N. | (Relative ref. Number)<br>Description                 | F.R.T. |
|----------|--------|-------------------------------------------------------|--------|
| 1        | 3111B1 | GASKET SET, CARBURETOR .....                          | 0.3    |
| 2        | 3111E1 | VALVE SET, FLOAT AND/OR FLOAT SET .....               | 0.3    |
| 4        | 3111A3 | CHAMBER SET, FLOAT AND/OR GASKET, FLOAT CHAMBER ..... | 0.2    |
| 5        | 3111D7 | SCREW SET, PILOT .....                                | 0.2    |
| 9        | 3111F3 | CARBURETOR .....                                      | 0.2    |
| 13       | 3101L6 | PACKING, FUEL STRAINER CUP ...                        | 0.2    |
| 14       | 3111C0 | INSULATOR, CARBURETOR AND/OR PACKING, INSULATOR ..... | 0.2    |
| 15       | 3111D9 | SPACER, CARBURETOR .....                              | 0.2    |
| 16       | 3111C8 | PACKING, CARBURETOR .....                             | 0.2    |
| 18       | 8101F9 | LEVER, CARBURETOR CHOKE .....                         | 0.2    |
| 22       | 3101C5 | PACKING, FUEL COCK .....                              | 0.2    |
| 26       | 3111C3 | JET, MAIN .....                                       | 0.3    |

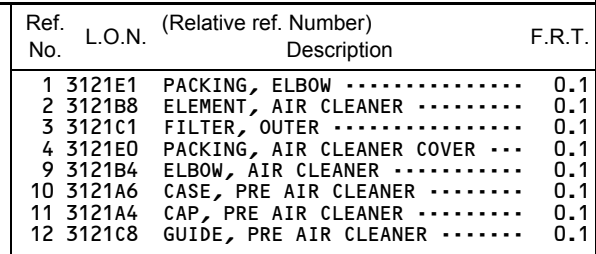
| Ref. No. | Part No.       | Description                           | Reqd. QTY<br>GX<br>270<br>UH | Serial No. | Parts catalogue code |
|----------|----------------|---------------------------------------|------------------------------|------------|----------------------|
| 1        | 16010-ZE2-812  | GASKET SET<br>(INCLUDE 16173-001-004) | 1                            |            |                      |
| 2        | 16011-ZA0-931  | VALVE SET, FLOAT .....                | 1                            |            |                      |
| 3        | 16013-Z1C-003  | FLOAT SET .....                       | 1                            |            |                      |
| 4        | 16015-ZE8-005  | CHAMBER SET, FLOAT .....              | 1                            |            |                      |
| 5        | 16016-ZH7-W01  | SCREW SET, PILOT .....                | 1                            |            |                      |
| 6        | 16024-ZE1-811  | SCREW SET, DRAIN .....                | 1                            |            |                      |
| 7        | 16028-ZE0-005  | SCREW SET .....                       | 1                            |            |                      |
| 8        | 16044-ZE2-005  | CHOKE SET .....                       | 1                            |            |                      |
| 9        | 16100-Z7C-801  | CARBURETOR ASSY. (BE70M A) ..         | 1                            |            |                      |
| 10       | 16124-ZE0-005  | SCREW, THROTTLE STOP .....            | 1                            |            |                      |
| 11       | 16166-ZH9-W00  | NOZZLE, MAIN .....                    | 1                            |            |                      |
| 12       | 16172-ZE3-W10  | COLLAR, SETTING .....                 | 1                            |            |                      |
| 13       | 16173-001-004  | PACKING, FUEL STRAINER CUP ..         | 1                            |            |                      |
| 14       | 16211-Z7B-000  | INSULATOR, CARBURETOR .....           | 1                            |            |                      |
| 15       | 16220-ZA0-702  | SPACER COMP., CARBURETOR ....         | 1                            |            |                      |
| 16       | 16221-ZA0-800  | PACKING, CARBURETOR .....             | 1                            |            |                      |
| 17       | 16223-ZA0-800  | PACKING, INSULATOR .....              | 1                            |            |                      |
| 18       | 16610-ZE1-000  | LEVER COMP., CHOKE (STD.) ...         | 1                            |            |                      |
| 19       | 16953-ZE1-812  | LEVER, COCK .....                     | 1                            |            |                      |
| 20       | 16954-ZE1-812  | PLATE, LEVER SETTING .....            | 1                            |            |                      |
| 21       | 16956-ZE1-811  | SPRING, COCK LEVER .....              | 1                            |            |                      |
| 22       | 16957-ZE1-812  | PACKING, FUEL COCK .....              | 1                            |            |                      |
| 23       | 16967-ZE0-811  | CUP, FUEL STRAINER .....              | 1                            |            |                      |
| 24       | 93500-03006-1H | SCREW, PAN, 3X6 .....                 | 2                            |            |                      |

2



| Ref.<br>No. | Part No.       | Description               | Reqd. QTY |     | Serial No. | Parts catalogue code |
|-------------|----------------|---------------------------|-----------|-----|------------|----------------------|
|             |                |                           | GX        | 270 |            |                      |
|             |                |                           | UH        |     |            |                      |
| 25          | 94305-20122    | PIN, SPRING, 2X12 .....   | 1         |     |            |                      |
| 26          | 99101-ZH8-0880 | JET, MAIN, #88 .....      | (1)       |     |            |                      |
|             | 99101-ZH8-0900 | JET, MAIN, #90 .....      | (1)       |     |            |                      |
|             | 99101-ZH8-0920 | JET, MAIN, #92 .....      | 1         |     |            |                      |
| 27          | 99204-ZE2-0400 | JET SET, PILOT, #40 ..... | 1         |     |            |                      |

**C13**

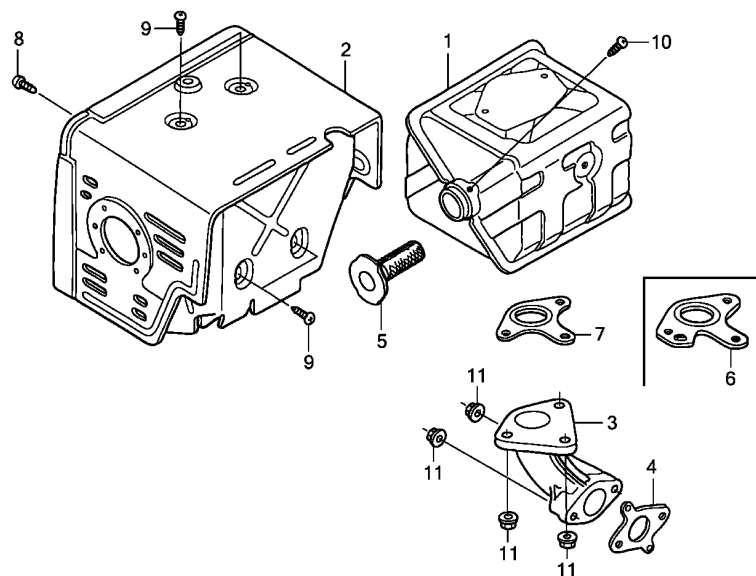


## 2

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## MUFFLER

C14



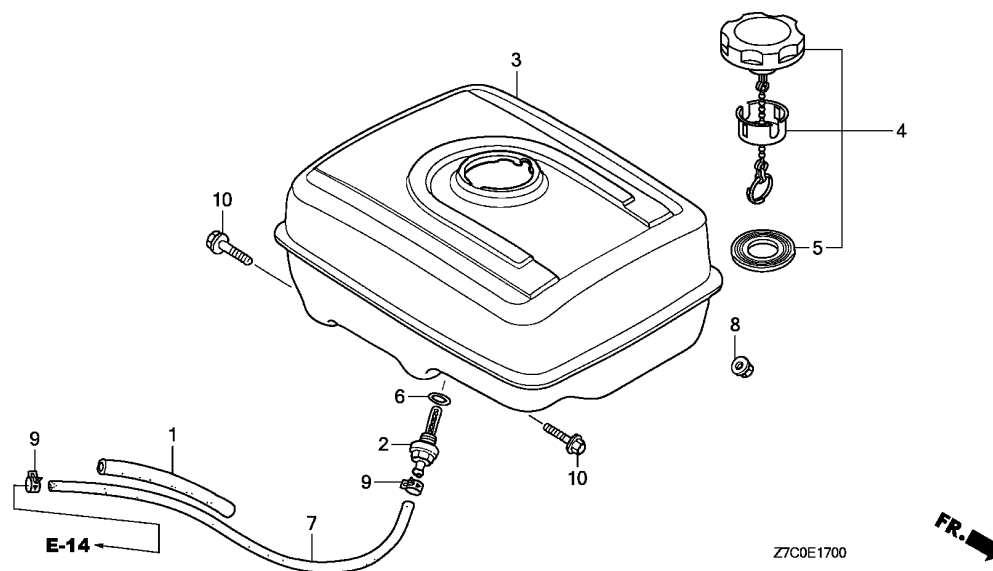
| Ref. No. | L.O.N. | (Relative ref. Number)<br>Description | F.R.T. |
|----------|--------|---------------------------------------|--------|
| 1        | 3131C5 | MUFFLER, EXHAUST .....                | 0.2    |
| 2        | 3131D6 | PROTECTOR, EXHAUST MUFFLER ...        | 0.2    |
| 3        | 3131C9 | PIPE, EXHAUST .....                   | 0.2    |
| 4        | 3131B5 | GASKET, EXHAUST PIPE .....            | 0.2    |
| 5        | 3131A1 | ARRESTER, SPARK .....                 | 0.2    |
| 7        |        | (6)                                   |        |
|          | 3131B4 | GASKET, EXHAUST MUFFLER .....         | 0.2    |

| Ref. No. | Part No.      | Description                   | Reqd. QTY<br>GX<br>270<br>UH | Serial No. | Parts catalogue code |
|----------|---------------|-------------------------------|------------------------------|------------|----------------------|
| 1        | 18310-ZE2-W61 | MUFFLER COMP. (100DB) .....   | 1                            |            |                      |
| 2        | 18320-ZE2-W61 | PROTECTOR COMP., MUFFLER ...  | 1                            |            |                      |
| 3        | 18330-ZH9-N00 | PIPE, EX. ....                | 1                            |            |                      |
| 4        | 18333-ZF6-W01 | GASKET, EX. PIPE .....        | 1                            |            |                      |
| 5        | 18355-ZE2-W00 | ARRESTER, SPARK .....         | (1)                          |            |                      |
| 6        | 18381-ZE2-W10 | GASKET, MUFFLER (ARRESTER) .. | (1)                          |            |                      |
| 7        | 18381-ZE2-800 | GASKET, MUFFLER .....         | 1                            |            |                      |
|          | 18381-Z1C-801 | .....                         | 1                            |            |                      |
| 8        | 90006-ZE2-000 | SCREW, TAPPING, 6X10 .....    | 1                            |            |                      |
| 9        | 90050-ZE1-000 | SCREW, TAPPING, 5X8 .....     | 4                            |            |                      |
| 10       | 90055-ZE1-000 | SCREW, TAPPING, 4X6 .....     | (1)                          |            |                      |
| 11       | 94050-08000   | NUT, FLANGE, 8MM .....        | 5                            |            |                      |

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## FUEL TANK

C15

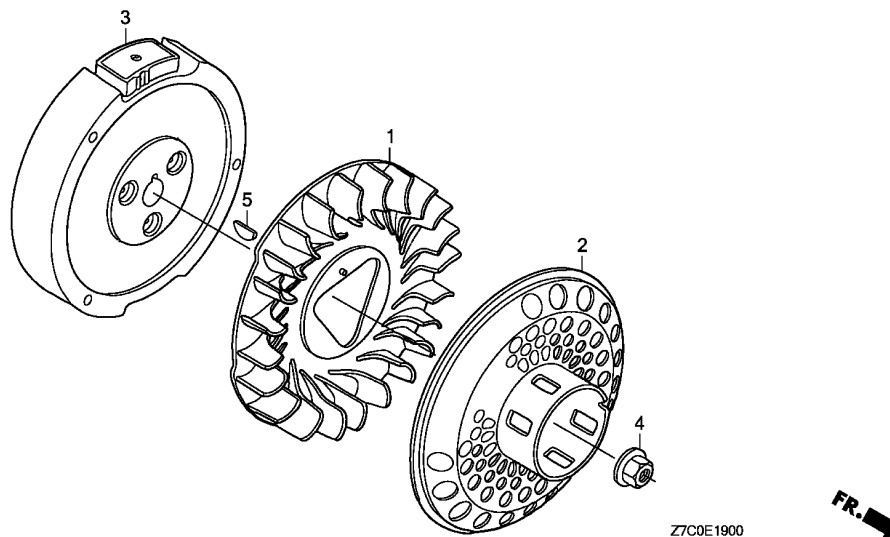


| Ref. No. | L.O.N. | (Relative ref. Number)<br>Description | F.R.T. |
|----------|--------|---------------------------------------|--------|
| 2        | 3101H6 | (6)<br>JOINT, FUEL STRAINER .....     | 0.2    |
| 3        | 3101H7 | TANK, FUEL .....                      | 0.2    |
| 7        | 3101F1 | TUBE, FUEL TANK .....                 | 0.2    |

| Ref. No. | Part No.        | Description                           | Reqd. QTY<br>GX<br>270<br>UH | Serial No. | Parts catalogue code |
|----------|-----------------|---------------------------------------|------------------------------|------------|----------------------|
| 1        | 16854-ZH8-000   | RUBBER, SUPPORTER (107MM) ...         | 1                            |            |                      |
| 2        | 16955-ZE1-000   | JOINT, FUEL TANK .....                | 1                            |            |                      |
| 3        | 17510-ZE2-801ZA | TANK COMP., FUEL<br>*NH1*.....BLACK   | 1                            |            |                      |
|          | 17510-ZE2-801ZC | *NH31*.....MCKINLEY WHITE             | 1                            |            |                      |
| 4        | 17620-Z4H-010   | CAP COMP., FUEL FILLER .....          | 1                            |            |                      |
| 5        | 17631-Z4H-800   | PACKING, FUEL FILLER CAP<br>(39X62X3) | 1                            |            |                      |
| 6        | 91353-671-004   | O-RING, 14MM(NOK) .....               | 1                            |            |                      |
| 7        | 91424-Z5F-801   | TUBE, FUEL, 4.5X222(FKM) .....        | 1                            |            |                      |
| 8        | 94050-08000     | NUT, FLANGE, 8MM .....                | 2                            |            |                      |
| 9        | 95002-40800-08  | CLAMP, TUBE (D8) .....                | 2                            |            |                      |
| 10       | 95701-08025-00  | BOLT, FLANGE, 8X25 .....              | 2                            |            |                      |

2





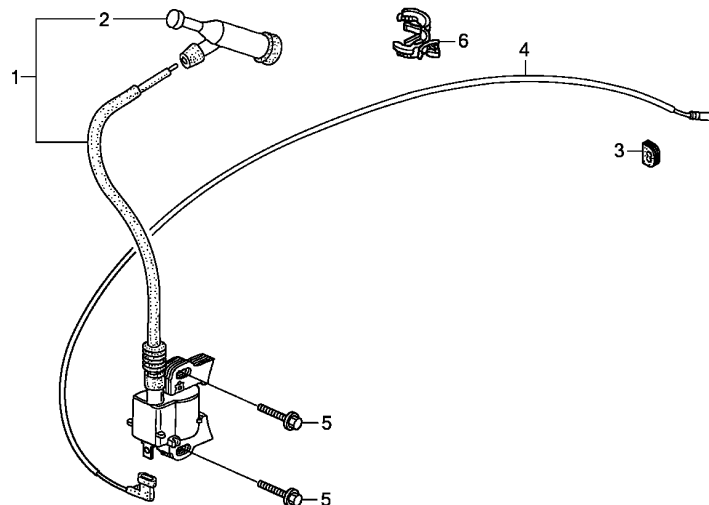
| Ref. No. | L.O.N. | (Relative ref. Number)<br>Description | F.R.T. |
|----------|--------|---------------------------------------|--------|
| 1        | 1141G7 | FAN, ENGINE COOLING .....             | 0.2    |
| 2        | 1121A9 | PULLEY, RECOIL STARTER .....          | 0.2    |
| 3        | 2161B5 | FLYWHEEL .....                        | 0.3    |

| Ref. No. | Part No.      | Description                  | Reqd. QTY<br>GX<br>270<br>UH | Serial No. | Parts catalogue code |
|----------|---------------|------------------------------|------------------------------|------------|----------------------|
| 1        | 19511-Z7B-000 | FAN, COOLING .....           | 1                            |            |                      |
| 2        | 28450-Z7B-000 | PULLEY COMP., STARTER .....  | 1                            |            |                      |
| 3        | 31110-Z7B-801 | FLYWHEEL COMP. ....          | 1                            |            |                      |
| 4        | 90201-ZE3-V00 | NUT, SPECIAL, 16MM .....     | 1                            |            |                      |
| 5        | 90741-ZE2-000 | KEY, SPECIAL WOODRUFF, 25X18 | 1                            |            |                      |

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## IGNITION COIL

D 1



Z7C0E2000



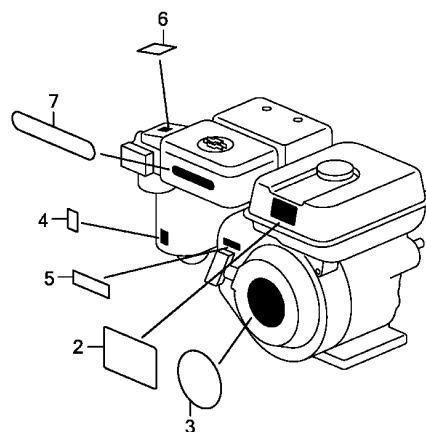
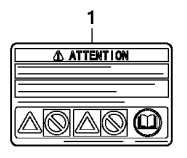
| Ref. No. | L.O.N. | (Relative ref. Number)<br>Description | F.R.T. |
|----------|--------|---------------------------------------|--------|
| 1        | 6141A5 | COIL, IGNITION(ONE) .....             | 0.3    |
| 2        | 6141B8 | TERMINAL, HIGH TENSION .....          | 0.1    |
| 4        | 6111B3 | CORD, STOP SWITCH .....               | 0.3    |

| Ref. No. | Part No.      | Description                   | Reqd. QTY<br>GX<br>270<br>UH | Serial No. | Parts catalogue code |
|----------|---------------|-------------------------------|------------------------------|------------|----------------------|
| 1        | 30500-Z7E-003 | COIL ASSY., IGNITION .....    | 1                            |            |                      |
| 2        | 30700-Z1T-003 | CAP ASSY., NOISE SUPPRESSOR . | 1                            |            |                      |
| 3        | 31512-ZE2-000 | GROMMET, CORD .....           | 1                            |            |                      |
| 4        | 36101-ZE1-010 | CORD, STOP SWITCH (370MM) ... | 1                            |            |                      |
| 5        | 90015-883-000 | BOLT, FLANGE, 6X28 .....      | 2                            |            |                      |
| 6        | 90684-Z7E-000 | CLIP, HARNESS .....           | 1                            |            |                      |

2

## D 2

32 |



Z7C0E2800

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

NO INFORMATION .....

| Ref.<br>No. | Part No.      | Description                                           | Reqd. QTY<br>GX<br>270<br>UH | Serial No. | Parts catalogue code |
|-------------|---------------|-------------------------------------------------------|------------------------------|------------|----------------------|
| 1           | 87516-ZH7-800 | MARK, OPERATOR CAUTION<br>(FRENCH)(MADE IN JAPAN)     | 1                            |            |                      |
|             | 87516-Z4N-800 | MARK, OPERATOR CAUTION<br>(PICTOGRAPH)(MADE IN CHINA) | (1)                          |            |                      |
| 2           | 87516-Z4N-000 | MARK, OPERATOR CAUTION<br>(ENGLISH)(MADE IN CHINA)    | 1                            |            |                      |
| 3           | 87521-ZH9-040 | EMBLEM (GX270) .....                                  | 1                            |            |                      |
| 4           | 87528-Z7E-000 | MARK, CHOKE .....                                     | 1                            |            |                      |
| 5           | 87532-ZH7-000 | MARK, THROTTLE INDICATION ...                         | 1                            |            |                      |
| 6           | 87534-ZE1-841 | LABEL, AIR CLEANER CAUTION --                         | 1                            |            |                      |
| 7           | 87535-ZE1-841 | MARK, AIR CLEANER SALES POINT                         | 1                            |            |                      |

## E 1

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# PART NAME INDEX

F 1

| Part name                        | Address | Page | Ref. | Part name                       | Address | Page | Ref. | Part name                           | Address | Page | Ref. |
|----------------------------------|---------|------|------|---------------------------------|---------|------|------|-------------------------------------|---------|------|------|
| [ A ]                            |         |      |      | COVER COMP., FAN .....          | C10     | 24   | 2    | KNOB, RECOIL STARTER .....          | C9      | 23   | 10   |
| ALERT UNIT, OIL .....            | C2      | 16   | 3    | COVER COMP., HEAD .....         | C1      | 15   | 6    | [ L ]                               |         |      |      |
| ARM, GOVERNOR .....              | D2      | 32   | 1    | CRANKSHAFT COMP. ....           | C4      | 18   | 1    | LABEL, AIR CLEANER CAUTION .....    | D3      | 33   | 6    |
| ARM, VALVE ROCKER .....          | C6      | 20   | 4    | CUP, FUEL STRAINER .....        | C11     | 25   | 23   | LEVER COMP., CHOKE .....            | C11     | 25   | 18   |
| ARRESTER, SPARK .....            | C14     | 28   | 5    | [ D ]                           |         |      |      | LEVER, COCK .....                   | C11     | 25   | 19   |
| [ B ]                            |         |      |      | DOWEL PIN, 12X20 .....          | C1      | 15   | 14   | LEVER, CONTROL .....                | D2      | 32   | 6    |
| BARREL ASSY., CYLINDER .....     | C2      | 16   | 1    | DOWEL PIN, 8X12 .....           | C3      | 17   | 13   | LIFTER, VALVE .....                 | C6      | 20   | 5    |
| BASE COMP., CONTROL .....        | D2      | 32   | 11   | [ E ]                           |         |      |      | [ M ]                               |         |      |      |
| BEARING, RADIAL BALL .....       | C4      | 18   | 3    | ELBOW COMP., AIR CLEANER .....  | C13     | 27   | 9    | MARK, AIR CLEANER SALES POINT ..... | D3      | 33   | 7    |
| BEARING, RADIAL BALL, 6206 ..... | C3      | 17   | 17   | ELEMENT, AIR CLEANER .....      | C13     | 27   | 2    | MARK, CHOKE .....                   | D3      | 33   | 4    |
| BOLT-WASHER, 6X22 .....          | C13     | 27   | 13   | EMBLEM .....                    | D3      | 33   | 3    | MARK, OPERATOR CAUTION .....        | D3      | 33   | 1    |
| BOLT, CONNECTING ROD .....       | C5      | 19   | 5    | [ F ]                           |         |      |      | MARK, THROTTLE INDICATION .....     | D3      | 33   | 5    |
| BOLT, DRAIN PLUG, 12X15 .....    | C2      | 16   | 6    | FAN, COOLING .....              | C16     | 30   | 1    | MUFFLER COMP. ....                  | C14     | 28   | 1    |
| BOLT, FLANGE, 10X80 .....        | C1      | 15   | 15   | FILTER, OUTER .....             | C13     | 27   | 3    | [ N ]                               |         |      |      |
| BOLT, FLANGE, 6X10 .....         | C9      | 23   | 13   | FLOAT SET .....                 | C11     | 25   | 3    | NOZZLE, MAIN .....                  | C11     | 25   | 11   |
| BOLT, FLANGE, 6X12 .....         | C2      | 16   | 5    | FLYWHEEL COMP. ....             | C16     | 30   | 3    | NUT, FLANGE, 10MM .....             | C2      | 16   | 10   |
|                                  |         |      |      | [ G ]                           |         |      |      | NUT, FLANGE, 6MM .....              | C13     | 27   | 16   |
| BOLT, FLANGE, 6X28 .....         | D1      | 31   | 5    | GASKET SET .....                | C11     | 25   | 1    | NUT, FLANGE, 8MM .....              | C14     | 28   | 11   |
| BOLT, FLANGE, 8X25 .....         | C15     | 29   | 10   | GASKET, CYLINDER HEAD .....     | C1      | 15   | 5    |                                     |         |      |      |
| BOLT, FLANGE, 8X35 .....         | C3      | 17   | 16   | GASKET, EX. PIPE .....          | C14     | 28   | 4    | NUT, PIVOT ADJUSTING .....          | C6      | 20   | 17   |
| BOLT, GOVERNOR ARM .....         | D2      | 32   | 15   | GASKET, MUFLER .....            | C14     | 28   | 6    | NUT, SELF-LOCK, 6MM .....           | D2      | 32   | 16   |
| BOLT, HEAD COVER .....           | C1      | 15   | 10   |                                 |         |      |      | NUT, SPECIAL, 16MM .....            | C16     | 30   | 4    |
| BOLT, PIVOT, 8MM .....           | C6      | 20   | 16   | GOVERNOR ASSY. ....             | C3      | 17   | 7    | NUT, TOOL BOX SETTING .....         | C13     | 27   | 15   |
| BOLT, STUD, 8X123 .....          | C1      | 15   | 11   | GROMMET, AIR CLEANER .....      | C13     | 27   | 6    | [ O ]                               |         |      |      |
| BOLT, STUD, 8X32 .....           | C1      | 15   | 13   | GROMMET, CORD .....             | D1      | 31   | 3    | OIL SEAL, 30X46X8 .....             | C2      | 16   | 8    |
| [ C ]                            |         |      |      | GUIDE, EX. VALVE .....          | C1      | 15   | 3    |                                     |         |      |      |
| CAMSHAFT ASSY. ....              | C6      | 20   | 2    | GUIDE, IN. VALVE .....          | C1      | 15   | 2    | O-RING, 14MM .....                  | C2      | 16   | 9    |
| CAP ASSY., NOISE SUPPRESSOR ..   | D1      | 31   | 2    | GUIDE, PRE AIR CLEANER .....    | C13     | 27   | 12   |                                     |         |      |      |
| CAP ASSY., OIL FILLER .....      | C3      | 17   | 3    | GUIDE, PUSH ROD .....           | C6      | 20   | 15   |                                     |         |      |      |
|                                  |         |      |      | GUIDE, RATCHET .....            | C9      | 23   | 6    |                                     |         |      |      |
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| CASE COMP., PRE AIR CLEANER ..   | C13     | 27   | 10   | HOLDER, GOVERNOR WEIGHT .....   | C3      | 17   | 9    | PACKING, CASE COVER .....           | C3      | 17   | 2    |
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| CHOKE SET .....                  | C11     | 25   | 8    | [ J ]                           |         |      |      | PACKING, FUEL FILLER CAP .....      | C15     | 29   | 5    |
| CLAMP, TUBE .....                | C15     | 29   | 9    | JET SET, PILOT, .....           | C12     | 26   | 27   | PACKING, FUEL STRAINER CUP .....    | C11     | 25   | 13   |
| CLIP, BREATHER TUBE .....        | C1      | 15   | 9    | JET, MAIN, .....                | C12     | 26   | 26   | PACKING, HEAD COVER .....           | C1      | 15   | 8    |
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**PART NAME INDEX**

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PARTS CATALOGUE NEWS

Honda Motor Co., Ltd. Service Division

PARTS CATALOGUE - CORRECTED

Printed in Japan

|                      |          |
|----------------------|----------|
| CODE NO.             | 13Z7C801 |
| PARTS CATALOGUE NEWS | GX270UH  |
| NEWS NO.             | 001      |

| Block No. | Ref. No. | Note | Part No. | Description | Reqd. QTY<br>GX<br>270<br>UH | Serial No. | Parts catalogue code |
|-----------|----------|------|----------|-------------|------------------------------|------------|----------------------|
|-----------|----------|------|----------|-------------|------------------------------|------------|----------------------|

ENGINE SERIAL NO. CORRECTED

| Model   | Type | Parts catalogue type | Applicable engine serial No. |
|---------|------|----------------------|------------------------------|
| GX270UH | QXC9 | QXC9                 | GCAGH-1000001~               |

➡

| Applicable engine serial No. |
|------------------------------|
| GCAGH-0000001~               |

|     |   |               |               |     |         |         |
|-----|---|---------------|---------------|-----|---------|---------|
| E-8 | 2 | 13101-ZH9-010 | PISTON (STD.) | 1   | -----   | 0000007 |
|     |   | 13102-ZH9-010 | PISTON (0.25) | (1) | -----   | 0000007 |
|     |   | 13103-ZH9-010 | PISTON (0.50) | (1) | -----   | 0000007 |
|     |   | 13104-ZH9-010 | PISTON (0.75) | (1) | -----   | 0000007 |
|     | A | 13101-Z7B-800 | PISTON (STD.) | 1   | 0000008 |         |
|     | A | 13102-Z7B-800 | PISTON (0.25) | (1) | 0000008 |         |
|     | A | 13103-Z7B-800 | PISTON (0.50) | (1) | 0000008 |         |
|     | A | 13104-Z7B-800 | PISTON (0.75) | (1) | 0000008 |         |

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

## PARTS CATALOGUE NEWS

BOOKNo. : 13Z7C801

| Block No. | Ref. No. | Note | Part No.      | Description                           | Reqd. QTY       | Serial No.    | Parts catalogue code |
|-----------|----------|------|---------------|---------------------------------------|-----------------|---------------|----------------------|
|           |          |      |               |                                       | GX<br>270<br>UH |               |                      |
| E-17      | 4        |      | 17620-Z4H-010 | CAP COMP., FUEL FILLER .....          | 1               | ----- 0000007 |                      |
|           |          | A    | 17620-Z4H-020 | .....                                 | 1               | 0000008       |                      |
|           | 5        |      | 17631-Z4H-800 | PACKING, FUEL FILLER CAP<br>(39X62X3) | 1               | ----- 0000007 |                      |
|           |          | A    | 17631-Z0T-801 | .....                                 | 1               | 0000008       |                      |

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