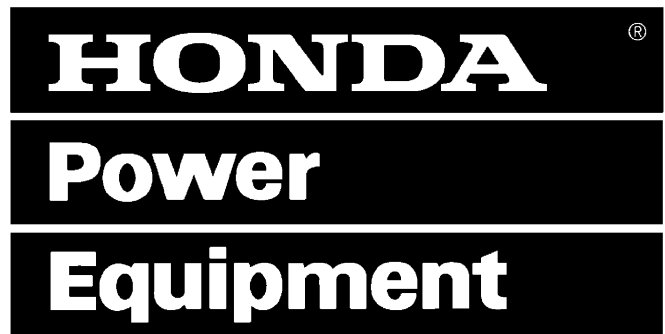


# General Purpose Engine

## GX160K1

### (TYPE QX2, VOLUME 2 OF 2)



## Parts Catalog

APRIL, 2004

**American Honda Motor Co., Inc.**

For Discount Troy Bilt Parts Call 606-678-9623 or 606-561-4983

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## HOW TO USE THIS CATALOG

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| MODEL    |  | TYPE    |  |  |  |  |  |  |  |
|----------|--|---------|--|--|--|--|--|--|--|
| A= MODEL |  | a= TYPE |  |  |  |  |  |  |  |
| B= MODEL |  | b= TYPE |  |  |  |  |  |  |  |
| C= MODEL |  | c= TYPE |  |  |  |  |  |  |  |
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## SERIAL NUMBERS

### Models and applicable serial numbers

Models and applicable serial numbers given in this parts catalog can be identified as follows.

**ALTHOUGH TYPE NAMES APPEAR WITH "/A" IN THIS CATALOG, ACTUAL UNITS WILL NOT BE MARKED WITH "/A".**

**FOR UNITS WITH SERIAL NUMBERS BELOW THE RANGES LISTED IN THIS TABLE, SEE CATALOGS COVERING LOWER SERIAL RANGES (BELOW GC02-8670001).**

| Model   | Type  | Applicable<br>Engine<br>Serial No. | Applicable<br>Frame<br>Serial No. | Applicable<br>Carburetor<br>Identification |
|---------|-------|------------------------------------|-----------------------------------|--------------------------------------------|
| GX160K1 | QX2/A | GC02-8670001~                      | ———                               | BE65B B                                    |

## BULK HOSE PART NUMBER PATTERN

### Construction of Fuel and Vacuum Hose Part Number

Example: 9 5 0 0 1 - 7 5 0 0 1 - 4 0 M

Roll Hose

All roll hose part numbers have an "M" in this position

Appearance Code

Fuel Hose:

- 2 = Red, braided exterior
- 3 = Red
- 4 = Ash Gray with red stripe
- 5 = Black, braided interior
- 6 = Black

Vinyl Hose:

- 1 = Ash Gray
- 2 = Black
- 3 = Light Red
- 6 = Light Red
- 7 = Pale Black

Vacuum Hose:

- 1 = Ash Gray
- 2 = Ash Gray
- 3 = Black
- 5 = Black

Length

Cut Hose length is in *Millimeters (mm)*

Bulk Hose length is in *Meters (M)*

Inside Diameter

Fuel and Vacuum Hose

- |                       |                              |
|-----------------------|------------------------------|
| 35 = 3.5 mm           | 11 = 11 mm                   |
| 45 = 4.5 mm           | 91 = 12 (outside dia. 15) mm |
| 50 = 5.0 mm           | 92 = 12 (outside dia. 16) mm |
| 55 = 5.3 mm or 5.5 mm | 12 = 12 (outside dia. 17) mm |
| 65 = 6.5 mm           | 14 = 14 mm                   |
| 70 = 7.0 mm           | 17 = 17 mm                   |
| 75 = 7.3 mm or 7.5 mm |                              |
| 80 = 8.0 mm           |                              |

ID./OD. Code : Vinyl Hose

- |                          |                            |                            |
|--------------------------|----------------------------|----------------------------|
| 01 = ID. 2.9, OD. 6.8 mm | 14 = ID. 6.0, OD. 9.0 mm   | 37 = ID. 11.0, OD. 15.0 mm |
| 03 = ID. 3.0, OD. 6.0 mm | 17 = ID. 7.0, OD. 9.0 mm   | 38 = ID. 12.0, OD. 13.0 mm |
| 05 = ID. 3.5, OD. 6.5 mm | 19 = ID. 7.0, OD. 11.0 mm  | 39 = ID. 12.0, OD. 14.0 mm |
| 07 = ID. 4.0, OD. 7.0 mm | 21 = ID. 8.0, OD. 9.0 mm   | 40 = ID. 12.0, OD. 16.0 mm |
| 08 = ID. 4.5, OD. 6.5 mm | 23 = ID. 8.0, OD. 12.0 mm  | 43 = ID. 13.0, OD. 15.0 mm |
| 09 = ID. 4.5, OD. 8.0 mm | 25 = ID. 9.0, OD. 11.0 mm  | 45 = ID. 14.0, OD. 18.0 mm |
| 12 = ID. 5.0, OD. 7.0 mm | 27 = ID. 9.0, OD. 13.0 mm  | 50 = ID. 16.0, OD. 19.0 mm |
| 10 = ID. 5.0, OD. 8.0 mm | 33 = ID. 10.0, OD. 14.0 mm | 55 = ID. 17.5, OD. 20.5 mm |
| 11 = ID. 5.0, OD. 9.0 mm | 36 = ID. 11.0, OD. 13.0 mm | 60 = ID. 22.0, OD. 27.0 mm |

Hose Type:

- 1 = Fuel Hose
- 3 = Vinyl Hose
- 5 = Vacuum Hose

**CAUTION: Never use vacuum / or vinyl hose in place of fuel hose or vice versa**

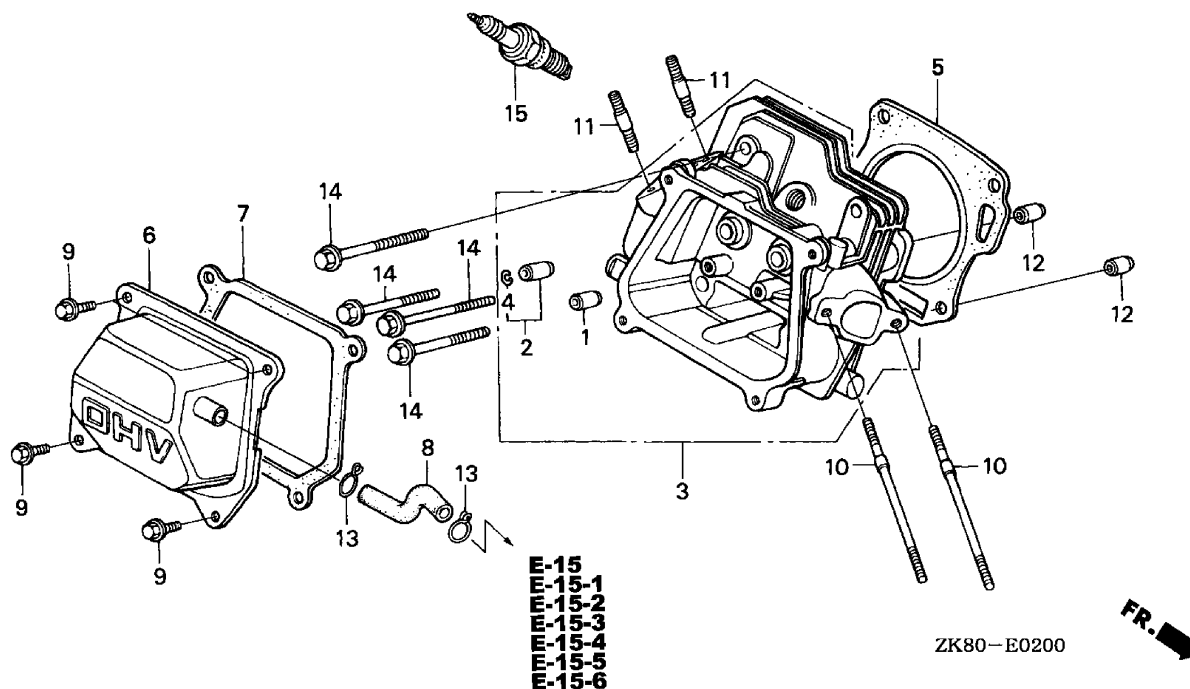
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| FLYWHEEL .....            | 1-C8 | 1-16 |       |      |      |
| IGNITION COIL .....       | 1-C8 | 1-17 |       |      |      |
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| RECOIL STARTER (1) ..... | 1-C4 | 1-9  |
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| MUFFLER (1) .....        | 1-C7 | 1-14 |
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| CONTROL (1).....         | 1-D1 | 1-18 |
| LABEL (1) .....          | 1-D2 | 1-20 |

## CYLINDER HEAD



ZK80E0200

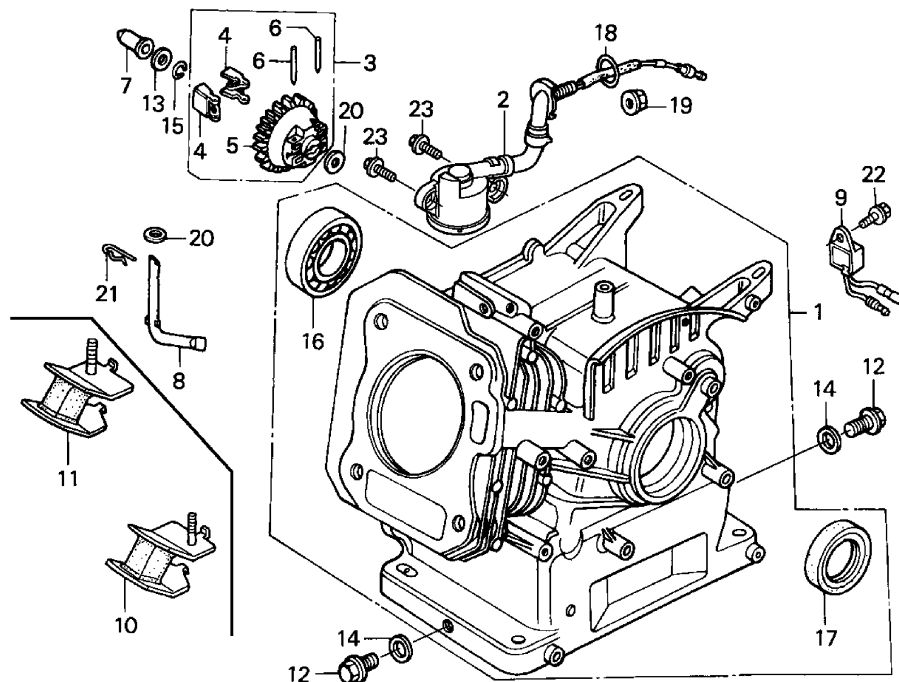
**MODEL**  
A =GX160K1

**TYPE**  
a =QX2/A

E-2

| Ref | Description                        | Engine<br>Serial Number |       | QTY | Part Number    | H/C     |
|-----|------------------------------------|-------------------------|-------|-----|----------------|---------|
|     |                                    | From                    | To    |     |                |         |
| 1   | GUIDE, VALVE (OS) .....            | -----                   | ----- | (1) | 12204-ZE1-306  | 4165874 |
| 2   | GUIDE, EX. VALVE (OS) .....        | -----                   | ----- | (1) | 12205-ZE1-315  | 1899848 |
| 3   | CYLINDER HEAD.....                 | -----                   | ----- | 1   | 12210-ZH8-020  | 6779243 |
| 4   | CLIP, VALVE GUIDE .....            | -----                   | ----- | 1   | 12216-ZE5-300  | 2399780 |
| 5   | GASKET, CYLINDER HEAD .....        | -----                   | ----- | 1   | 12251-ZF1-800  | 3683380 |
| 6   | COVER, HEAD .....                  | -----                   | ----- | 1   | 12310-ZE1-020  | 6854921 |
| 7   | GASKET, CYLINDER HEAD COVER .....  | -----                   | ----- | 1   | 12391-ZE1-000  | 1426527 |
| 8   | TUBE, BREATHER.....                | -----                   | ----- | 1   | 15721-ZH8-000  | 3683497 |
| 9   | BOLT, FLANGE (6X12) (CT200) .....  | -----                   | ----- | 4   | 90013-883-000  | 0636845 |
| 10  | BOLT, STUD (6X109).....            | -----                   | ----- | 2   | 90043-ZE1-020  | 4588323 |
| 11  | BOLT, STUD (8X32).....             | -----                   | ----- | 2   | 90047-ZE1-000  | 1431097 |
| 12  | PIN A, DOWEL (10X16) .....         | -----                   | ----- | 2   | 94301-10160    | 0058206 |
| 14  | BOLT, FLANGE (8X60) .....          | -----                   | ----- | 4   | 95723-08060-00 | 1436591 |
| 15  | SPARK PLUG (BPR5ES) (NGK) .....    | -----                   | ----- | (1) | 98079-55846    | 1672443 |
|     | SPARK PLUG (W16EPR-U) (DENSO)..... | -----                   | ----- | (1) | 98079-55855    | 1672450 |
|     | SPARK PLUG (BPR6ES) (NGK) .....    | -----                   | ----- | 1   | 98079-56846    | 1441112 |
|     | SPARK PLUG (W20EPR-U) (DENSO)..... | -----                   | ----- | 1   | 98079-56855    | 1441120 |

## CYLINDER BARREL



ZK80-E0300



ZK80E0300

**MODEL**

A =GX160K1

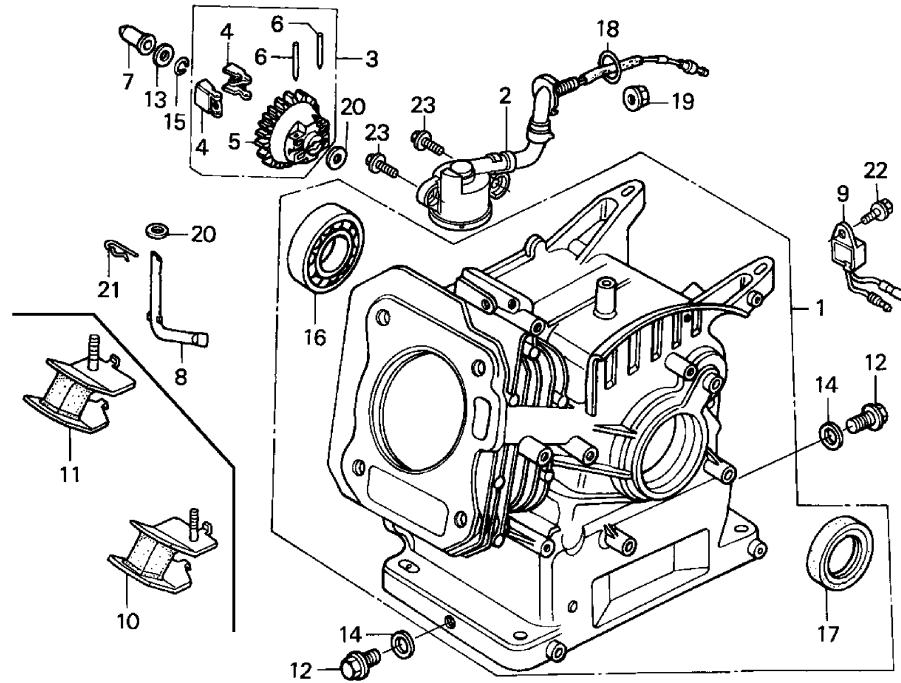
**TYPE**

a =QX2/A

E-3

| Ref | Description                       | Engine<br>Serial Number |       | QTY | Part Number   | H/C     |
|-----|-----------------------------------|-------------------------|-------|-----|---------------|---------|
|     |                                   | From                    | To    |     |               |         |
| 1   | CYLINDER ASSY. (OIL ALERT) .....  | -----                   | ----- | 1   | 12000-ZH8-426 | 7393135 |
| 2   | SWITCH ASSY., OIL LEVEL .....     | -----                   | ----- | 1   | 15510-ZE1-033 | 5962063 |
| 3   | GOVERNOR ASSY. ....               | -----                   | ----- | 1   | 16510-ZE1-000 | 2414225 |
| 4   | WEIGHT, GOVERNOR .....            | -----                   | ----- | 2   | 16511-ZE1-000 | 1427228 |
| 5   | HOLDER, GOVERNOR WEIGHT .....     | -----                   | ----- | 1   | 16512-ZE1-000 | 1427236 |
| 6   | PIN, GOVERNOR WEIGHT .....        | -----                   | ----- | 2   | 16513-ZE1-000 | 1427244 |
| 7   | SLIDER, GOVERNOR .....            | -----                   | ----- | 1   | 16531-ZE1-000 | 1427251 |
| 8   | SHAFT, GOVERNOR ARM .....         | -----                   | ----- | 1   | 16541-ZE1-000 | 1427277 |
| 12  | BOLT, DRAIN PLUG .....            | -----                   | ----- | 2   | 90131-ZE1-000 | 1431246 |
| 13  | WASHER, THRUST (6MM) .....        | -----                   | ----- | 1   | 90451-ZE1-000 | 2413862 |
| 14  | WASHER, DRAIN PLUG (10.2MM) ..... | -----                   | ----- | 2   | 90601-ZE1-000 | 1436583 |
| 15  | CLIP, GOVERNOR HOLDER.....        | -----                   | ----- | 1   | 90602-ZE1-000 | 2456697 |
| 16  | BEARING, RADIAL BALL (6205) ..... | -----                   | ----- | 1   | 91001-ZF1-003 | 3684248 |
| 17  | OIL SEAL (25X41X6) .....          | -----                   | ----- | 1   | 91201-Z0T-801 | 7352453 |
| 18  | O-RING (13.5X1.5) (ARAI) .....    | -----                   | ----- | 1   | 91353-671-003 | 0949883 |
| 19  | NUT, FLANGE (10MM).....           | -----                   | ----- | 1   | 94050-10000   | 0483867 |
| 20  | WASHER, PLAIN (6MM) .....         | -----                   | ----- | 2   | 94101-06800   | 0345900 |
| 21  | PIN, LOCK (8MM).....              | -----                   | ----- | 1   | 94251-08000   | 0115527 |

## CYLINDER BARREL



ZK80-E0300



ZK80E0300

**MODEL**

A =GX160K1

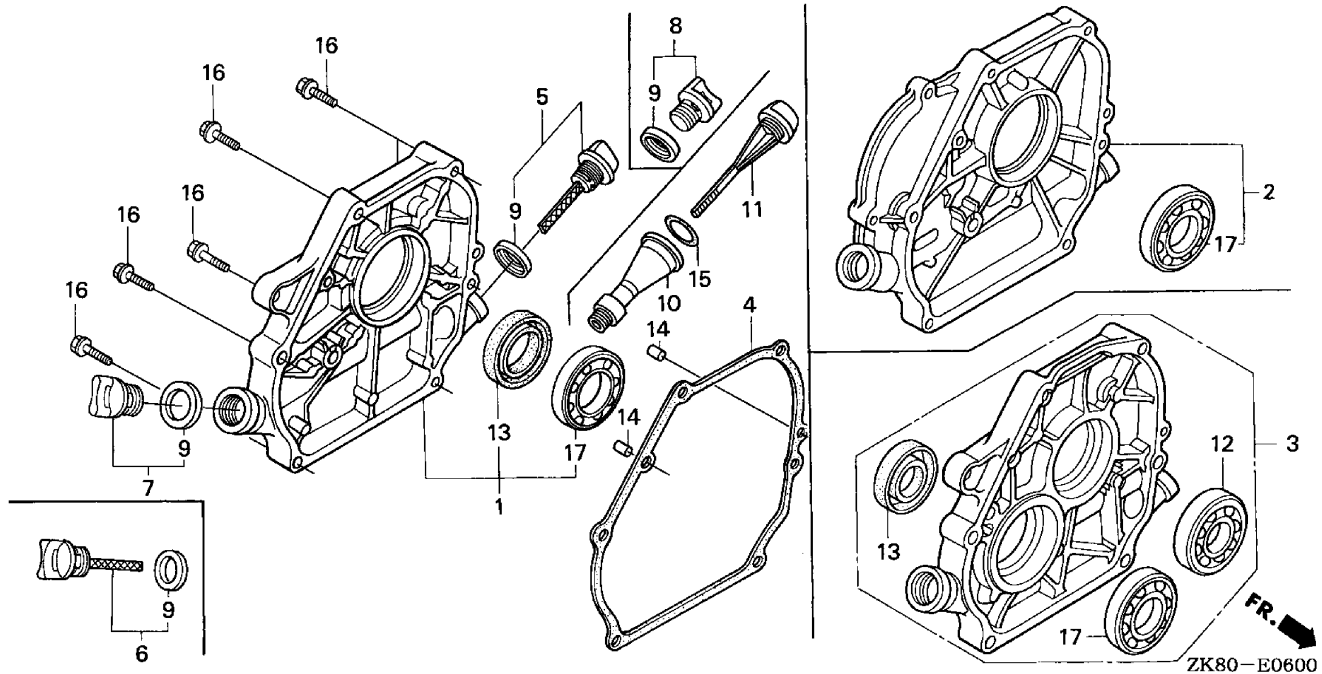
**TYPE**

$$a = QX^2/A$$

E-3

| Ref | Description               | Engine<br>Serial Number |       | QTY | Part Number    | H/C     |
|-----|---------------------------|-------------------------|-------|-----|----------------|---------|
|     |                           | From                    | To    |     |                |         |
| 23  | BOLT, FLANGE (6X12) ..... | -----                   | ----- | 2   | 95701-06012-00 | 2105799 |

## CRANKCASE COVER (1)



ZK80E0600

**MODEL**

A =GX160K1

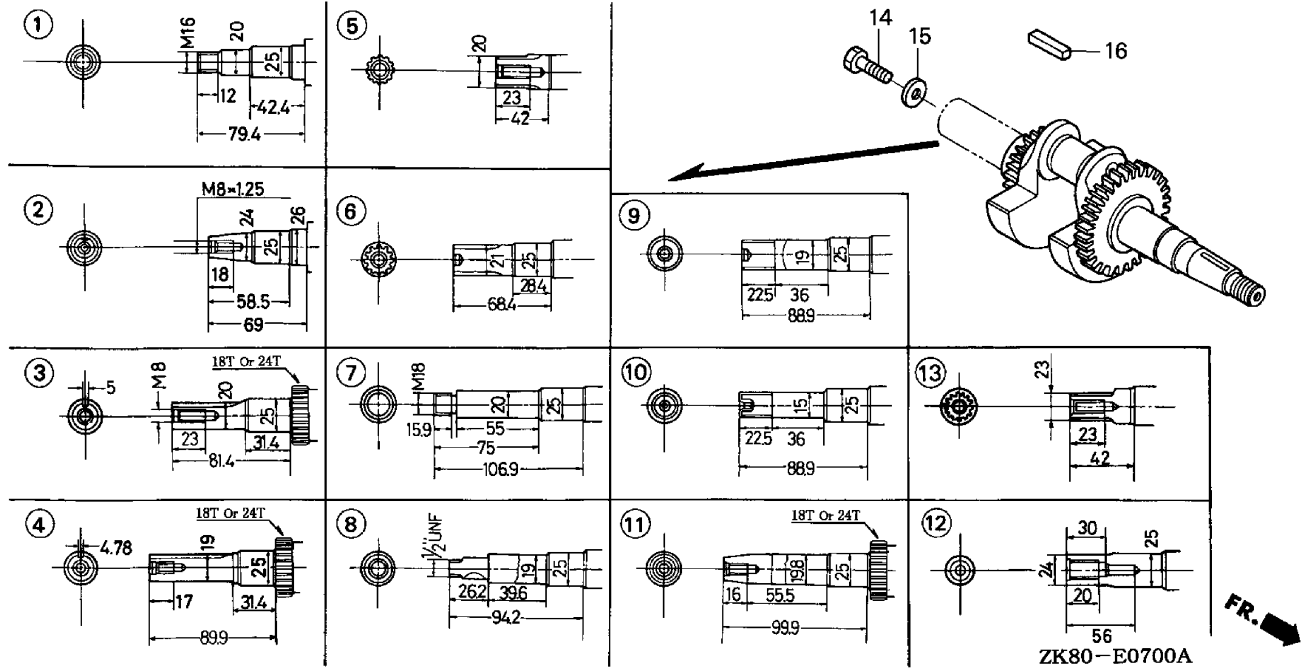
**TYPE**

$$a = QX^2/A$$

E-6

| Ref | Description                                | Engine<br>Serial Number |       | QTY | Part Number    | H/C     |
|-----|--------------------------------------------|-------------------------|-------|-----|----------------|---------|
|     |                                            | From                    | To    |     |                |         |
| 1   | COVER ASSY., CRANKCASE .....               | -----                   | ----- | 1   | 11300-ZE1-642  | 7393127 |
| 4   | GASKET, CASE COVER<br>(NON-ASBESTOS) ..... | -----                   | ----- | 1   | 11381-ZH8-801  | 4723144 |
| 5   | CAP ASSY., OIL FILLER .....                | -----                   | ----- | 1   | 15600-ZE1-003  | 4500146 |
| 7   | CAP ASSY., OIL FILLER .....                | -----                   | ----- | 1   | 15600-ZG4-003  | 4497921 |
| 9   | GASKET, OIL FILLER CAP .....               | -----                   | ----- | 2   | 15625-ZE1-003  | 4497947 |
| 13  | OIL SEAL (25X41X6) .....                   | -----                   | ----- | 1   | 91201-Z0T-801  | 7352453 |
| 14  | PIN A, DOWEL (8X14) .....                  | -----                   | ----- | 2   | 94301-08140    | 0069310 |
| 16  | BOLT, FLANGE (8X32) .....                  | -----                   | ----- | 6   | 95701-08032-00 | 2751725 |
| 17  | BEARING, RADIAL BALL (6205) .....          | -----                   | ----- | 1   | 96100-62050-00 | 0636977 |

## CRANKSHAFT (1)



ZK80E0700A

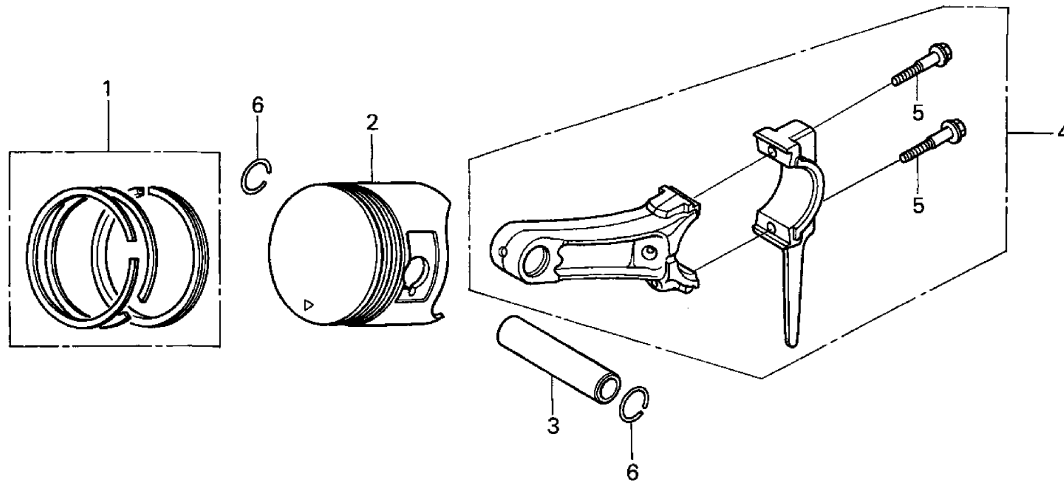
**MODEL**  
A =GX160K1

**TYPE**  
a =QX2/A

E-7

| Ref | Description              | Engine<br>Serial Number |       | QTY | Part Number   | H/C     |
|-----|--------------------------|-------------------------|-------|-----|---------------|---------|
|     |                          | From                    | To    |     |               |         |
| 4   | CRANKSHAFT (Q-TYPE)..... | -----                   | ----- | 1   | 13310-ZE1-601 | 2794535 |
| 16  | KEY (4.78X4.78X38) ..... | -----                   | ----- | 1   | 90745-ZE1-600 | 1441062 |

## PISTON



ZK80-E0800



ZK80E0800

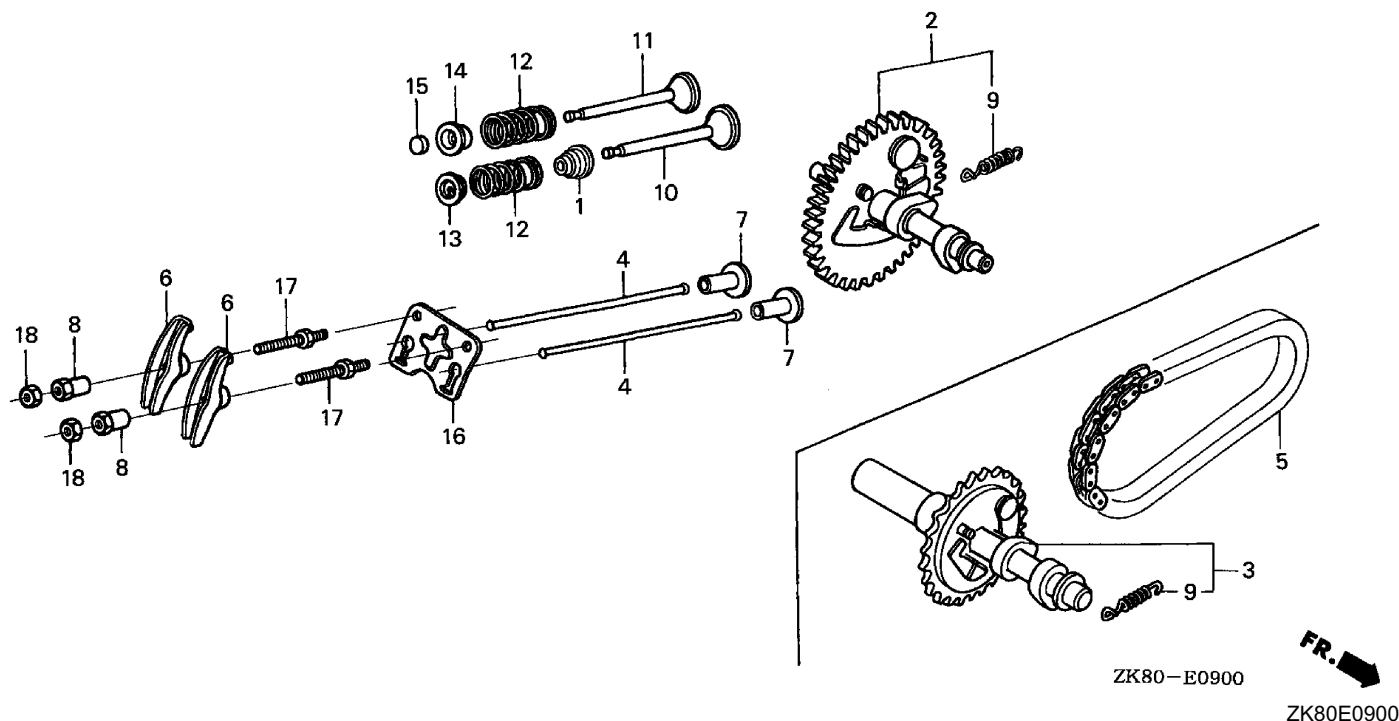
**MODEL**  
A =GX160K1

**TYPE**  
a =QX2/A

E-8

| Ref | Description                            | Engine<br>Serial Number |       | QTY | Part Number   | H/C     |
|-----|----------------------------------------|-------------------------|-------|-----|---------------|---------|
|     |                                        | From                    | To    |     |               |         |
| 1   | RING SET, PISTON (STD).....            | -----                   | ----- | 1   | 13010-ZL0-003 | 4742771 |
|     | RING SET, PISTON (STD) (NIPPON) .....  | -----                   | ----- | 1   | 13010-ZL0-004 | 6854954 |
|     | RING SET, PISTON (OS 0.25).....        | -----                   | ----- | (1) | 13011-ZL0-003 | 4742789 |
|     | RING SET, PISTON (OS 0.25) (NIPPON) .. | -----                   | ----- | (1) | 13011-ZL0-004 | 6854970 |
|     | RING SET, PISTON (OS 0.50).....        | -----                   | ----- | (1) | 13012-ZL0-003 | 4742797 |
|     | RING SET, PISTON (OS 0.50) (NIPPON) .. | -----                   | ----- | (1) | 13012-ZL0-004 | 6854988 |
|     | RING SET, PISTON (0.75).....           | -----                   | ----- | (1) | 13013-ZL0-003 | 4742805 |
|     | RING SET, PISTON (0.75) (NIPPON) ..... | -----                   | ----- | (1) | 13013-ZL0-004 | 6854996 |
| 2   | PISTON (STD) .....                     | -----                   | ----- | 1   | 13101-ZH8-010 | 6837512 |
|     | PISTON (OS 0.25) .....                 | -----                   | ----- | (1) | 13102-ZH8-010 | 6855035 |
|     | PISTON (OS 0.50) .....                 | -----                   | ----- | (1) | 13103-ZH8-010 | 6855050 |
|     | PISTON (0.75) .....                    | -----                   | ----- | (1) | 13104-ZH8-010 | 6855076 |
| 3   | PIN, PISTON .....                      | -----                   | ----- | 1   | 13111-ZE1-000 | 1426584 |
| 4   | ROD ASSY., CONNECTING (US 0.25) .....  | -----                   | ----- | (1) | 132A0-ZE1-000 | 1441344 |
|     | ROD ASSY., CONNECTING .....            | -----                   | ----- | 1   | 13200-ZE1-010 | 4725255 |
| 5   | BOLT, CONNECTING ROD .....             | -----                   | ----- | 2   | 90001-ZE1-000 | 1431055 |
| 6   | CLIP, PISTON PIN (18MM) .....          | -----                   | ----- | 2   | 90551-ZE1-000 | 2539120 |

## CAMSHAFT



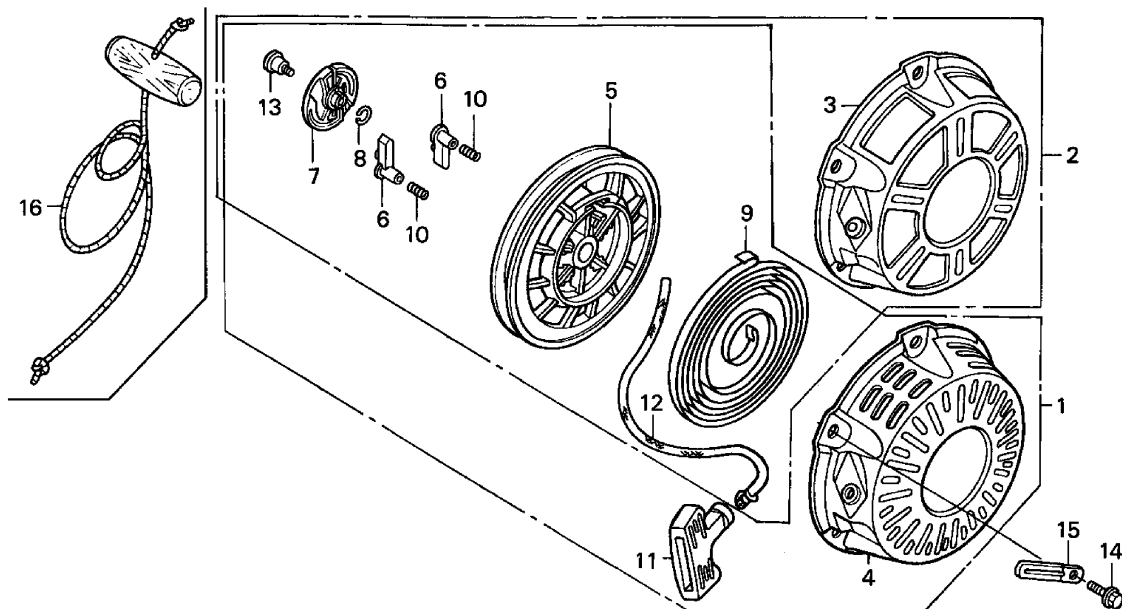
**MODEL**  
A =GX160K1

**TYPE**  
a =QX2/A

E-9

| Ref | Description                      | Engine<br>Serial Number |       | QTY | Part Number   | H/C     |
|-----|----------------------------------|-------------------------|-------|-----|---------------|---------|
|     |                                  | From                    | To    |     |               |         |
| 1   | SEAL, VALVE STEM .....           | -----                   | ----- | 1   | 12209-ZH8-003 | 6854335 |
| 2   | CAMSHAFT ASSY. ....              | -----                   | ----- | 1   | 14100-ZE1-812 | 1929611 |
| 4   | ROD, PUSH .....                  | -----                   | ----- | 2   | 14410-ZE1-010 | 3352655 |
| 6   | ARM, VALVE ROCKER .....          | -----                   | ----- | 2   | 14431-ZE1-000 | 1426824 |
| 7   | LIFTER, VALVE .....              | -----                   | ----- | 2   | 14441-ZE1-010 | 5181383 |
| 8   | PIVOT, ROCKER ARM.....           | -----                   | ----- | 2   | 14451-ZE1-013 | 4300901 |
| 9   | SPRING, WEIGHT RETURN .....      | -----                   | ----- | 1   | 14568-ZE1-000 | 1426907 |
| 10  | VALVE, IN. ....                  | -----                   | ----- | 1   | 14711-ZF1-000 | 3683455 |
| 11  | VALVE, EX. ....                  | -----                   | ----- | 1   | 14721-ZF1-000 | 3683463 |
| 12  | SPRING, VALVE .....              | -----                   | ----- | 2   | 14751-ZF1-000 | 3683489 |
| 13  | RETAINER, IN. VALVE SPRING ..... | -----                   | ----- | 1   | 14771-ZE1-000 | 1426980 |
| 14  | RETAINER, EX. VALVE SPRING ..... | -----                   | ----- | 1   | 14773-ZE1-000 | 1426998 |
| 15  | ROTATOR, VALVE.....              | -----                   | ----- | 1   | 14781-ZE1-000 | 1427004 |
| 16  | PLATE, PUSH ROD GUIDE.....       | -----                   | ----- | 1   | 14791-ZE1-010 | 1899947 |
| 17  | BOLT, PIVOT (8MM) .....          | -----                   | ----- | 2   | 90012-ZE0-010 | 1756964 |
| 18  | NUT, PIVOT ADJ.....              | -----                   | ----- | 2   | 90206-ZE1-000 | 1431287 |

## RECOIL STARTER (1)



ZK80-E1100



ZK80E1100

**MODEL**

A =GX160K1

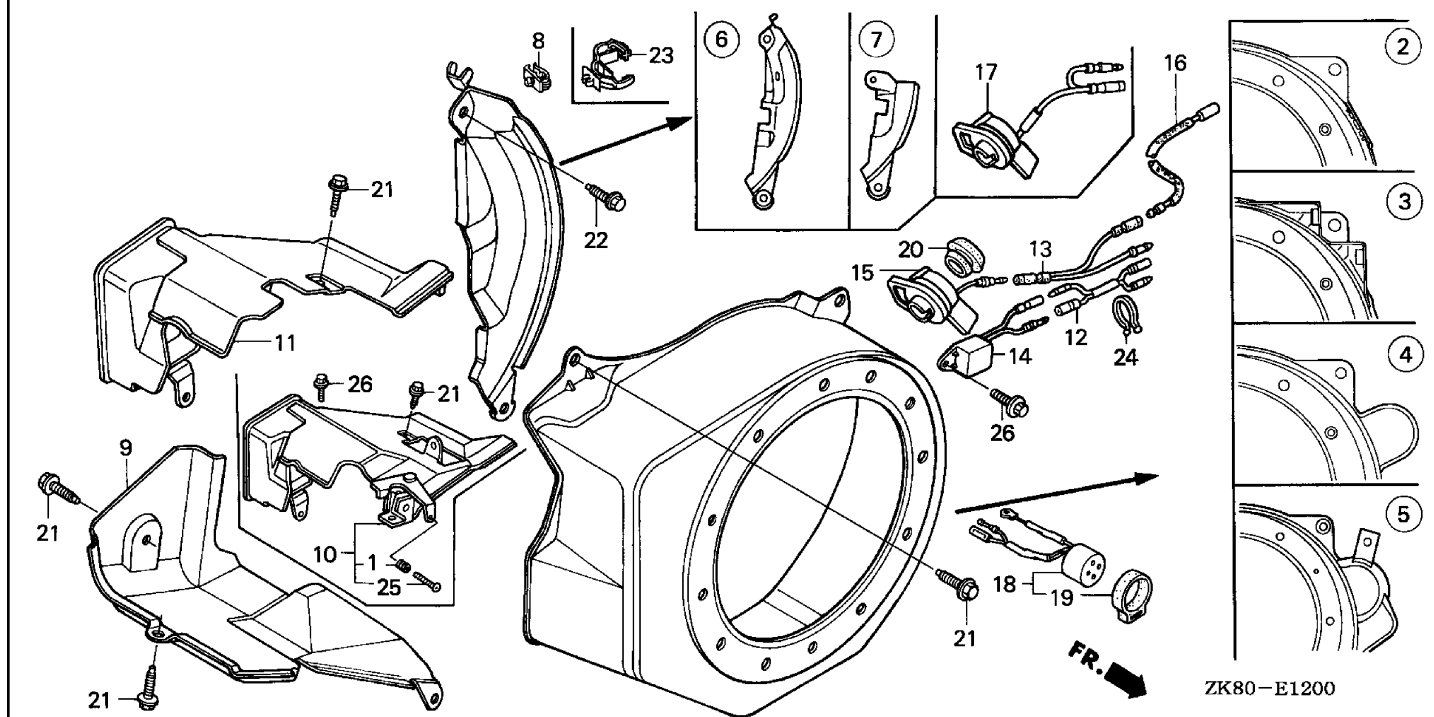
**TYPE**

a =QX2/A

E-11

| Ref | Description                                                        | Engine<br>Serial Number<br>From To | QTY | Part Number     | H/C     |
|-----|--------------------------------------------------------------------|------------------------------------|-----|-----------------|---------|
| 1   | STARTER ASSY., RECOIL *R280*<br>(POWER RED) .....                  | ----- 8805657                      | 1   | 28400-ZH8-013YA | 7346810 |
|     | STARTER ASSY., RECOIL *NH1* (BLACK)                                | -----                              | 1   | 28400-ZH8-013ZB | 4193041 |
| 4   | CASE, RECOIL STARTER *R280*<br>(POWER RED) .....                   | -----                              | 1   | 28410-ZH8-003YA | 7346836 |
|     | CASE, RECOIL STARTER *NH1* (BLACK)                                 | -----                              | 1   | 28410-ZH8-003ZB | 4193058 |
| 5   | REEL, RECOIL STARTER .....                                         | ----- 8805657                      | 1   | 28420-ZH8-013   | 4193066 |
| 6   | RATCHET, STARTER .....                                             | ----- 8805657                      | 2   | 28422-ZH8-013   | 4193074 |
| 7   | GUIDE, RATCHET .....                                               | ----- 8805657                      | 1   | 28433-ZH8-003   | 3683893 |
| 8   | SPRING, FRICTION .....                                             | -----                              | 1   | 28441-ZH8-003   | 3683901 |
| 9   | SPRING, RECOIL STARTER .....                                       | -----                              | 1   | 28442-ZH8-003   | 3683919 |
| 10  | SPRING, RETURN .....                                               | -----                              | 2   | 28443-ZH8-003   | 3683927 |
| 11  | KNOB, RECOIL STARTER .....                                         | -----                              | 1   | 28461-ZH8-003   | 3683950 |
| 12  | ROPE, RECOIL STARTER (#5X55")<br>(NA USE ALT:08550-ZG921-11) ..... | -----                              | 1   | 28462-ZH8-003   | 3683968 |
| 13  | SCREW, SETTING .....                                               | ----- 8805657                      | 1   | 90003-ZH8-003   | 3684222 |
| 14  | BOLT, FLANGE (6X10) .....                                          | -----                              | 3   | 90008-ZE2-003   | 6437289 |

## FAN COVER



ZK80-E1200

ZK80E1200

### MODEL

A =GX160K1

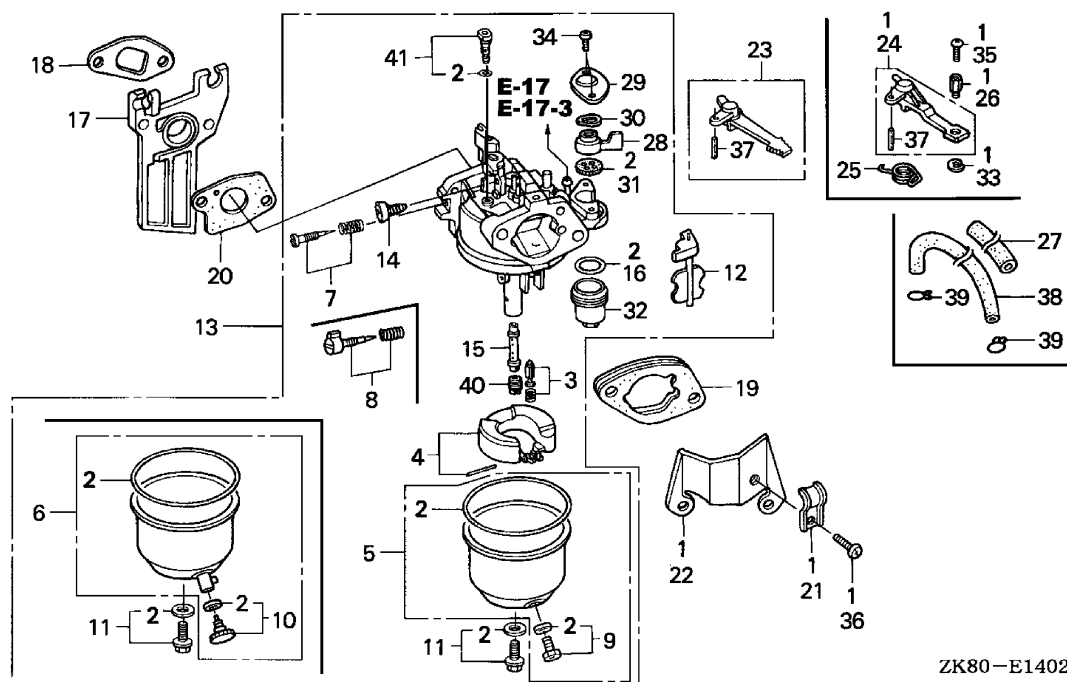
### TYPE

a =QX2/A

E-12

| Ref | Description                         | Engine<br>Serial Number |       | QTY | Part Number     | H/C     |
|-----|-------------------------------------|-------------------------|-------|-----|-----------------|---------|
|     |                                     | From                    | To    |     |                 |         |
| 2   | COVER, FAN *NH1* (BLACK) .....      | -----                   | ----- | 1   | 19610-ZE1-000ZC | 4212437 |
|     | COVER, FAN *R280* (POWER RED) ..... | -----                   | ----- | 1   | 19610-ZE1-000ZP | 7351950 |
| 9   | SHROUD .....                        | -----                   | ----- | 1   | 19630-ZH8-000   | 3683802 |
| 14  | ALERT UNIT, OIL .....               | -----                   | ----- | 1   | 34150-ZH7-003   | 5858444 |
| 15  | SWITCH ASSY., ENGINE STOP .....     | -----                   | ----- | 1   | 36100-ZH7-003   | 5266184 |
| 21  | BOLT, FLANGE (6X12) (CT200) .....   | -----                   | ----- | 6   | 90013-883-000   | 0636845 |
| 22  | BOLT, FLANGE (6X20) (CT200) .....   | -----                   | ----- | 1   | 90022-888-010   | 0671552 |
| 26  | BOLT, FLANGE (6X8) .....            | -----                   | ----- | 1   | 95701-06008-00  | 2581353 |

## CARBURETOR (3)



ZK80-E1402

ZK80E1402

**MODEL**

A =GX160K1

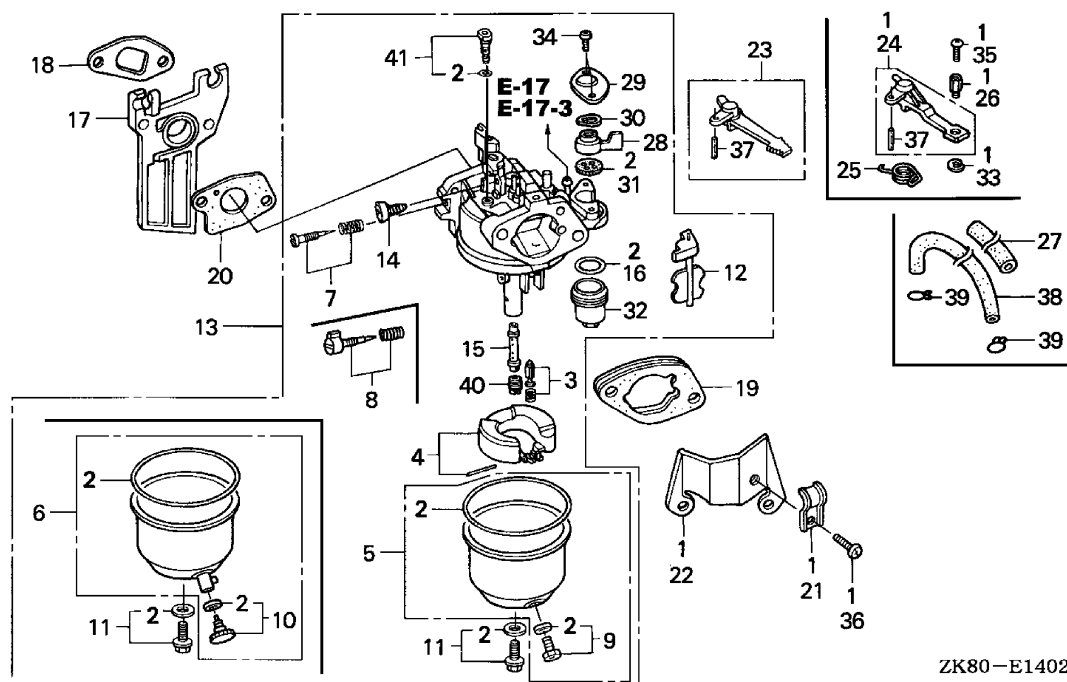
**TYPE**

a =QX2/A

E-14-2

| Ref | Description                      | Engine<br>Serial Number |       | QTY | Part Number   | H/C     |
|-----|----------------------------------|-------------------------|-------|-----|---------------|---------|
|     |                                  | From                    | To    |     |               |         |
| 2   | GASKET SET .....                 | -----                   | ----- | 1   | 16010-ZE1-812 | 3477171 |
| 3   | VALVE SET, FLOAT.....            | -----                   | ----- | 1   | 16011-ZE0-005 | 1441476 |
| 4   | FLOAT SET .....                  | -----                   | ----- | 1   | 16013-ZE0-005 | 1441492 |
| 5   | CHAMBER SET, FLOAT .....         | -----                   | ----- | 1   | 16015-ZE0-831 | 2455608 |
| 8   | SCREW SET .....                  | -----                   | ----- | 1   | 16016-ZH7-W01 | 4219879 |
| 9   | SCREW SET, DRAIN .....           | -----                   | ----- | 1   | 16024-ZE1-811 | 1672187 |
| 11  | SCREW SET B.....                 | -----                   | ----- | 1   | 16028-ZE0-005 | 1441518 |
| 12  | CHOKE SET .....                  | -----                   | ----- | 1   | 16044-ZE0-005 | 1441526 |
| 13  | CARBURETOR ASSY. (BE65B B) ..... | -----                   | ----- | 1   | 16100-ZH8-W51 | 5152491 |
| 14  | SCREW, THROTTLE STOP .....       | -----                   | ----- | 1   | 16124-ZE0-005 | 1441559 |
| 15  | NOZZLE, MAIN.....                | -----                   | ----- | 1   | 16166-ZH8-W50 | 4229563 |
| 16  | GASKET, FUEL STRAINER CUP .....  | -----                   | ----- | 1   | 16173-001-004 | 0005652 |
| 17  | INSULATOR, CARBURETOR .....      | -----                   | ----- | 1   | 16211-ZE1-000 | 1427137 |
| 18  | GASKET, INSULATOR.....           | -----                   | ----- | 1   | 16212-ZH8-800 | 3683547 |
| 19  | SPACER, CARBURETOR .....         | -----                   | ----- | 1   | 16220-ZE1-020 | 2534055 |
| 20  | GASKET, CARBURETOR .....         | -----                   | ----- | 1   | 16221-ZH8-801 | 4725289 |
| 23  | LEVER, CHOKE (STD).....          | -----                   | ----- | 1   | 16610-ZE1-000 | 1440114 |
| 28  | LEVER, VALVE .....               | -----                   | ----- | 1   | 16953-ZE1-812 | 5140876 |

# CARBURETOR (3)



ZK80-E1402

ZK80E1402

**MODEL**

A =GX160K1

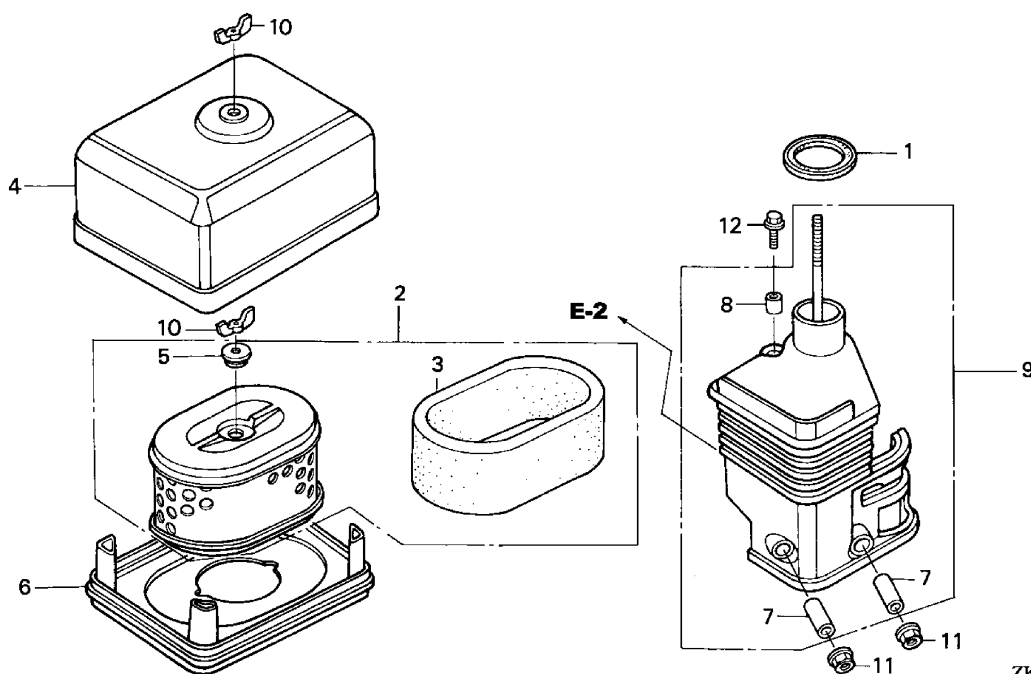
**TYPE**

a =QX2/A

E-14-2

| Ref | Description                | Engine<br>Serial Number |       | QTY | Part Number    | H/C     |
|-----|----------------------------|-------------------------|-------|-----|----------------|---------|
|     |                            | From                    | To    |     |                |         |
| 29  | PLATE, LEVER SETTING ..... | -----                   | ----- | 1   | 16954-ZE1-812  | 5148135 |
| 30  | SPRING, VALVE LEVER .....  | -----                   | ----- | 1   | 16956-ZE1-811  | 1807809 |
| 31  | GASKET, VALVE .....        | -----                   | ----- | 1   | 16957-ZE1-812  | 3440708 |
| 32  | CUP, FUEL STRAINER .....   | -----                   | ----- | 1   | 16967-ZE0-811  | 1441583 |
| 34  | SCREW, PAN (3X6) .....     | -----                   | ----- | 2   | 93500-03006-0H | 0561654 |
| 37  | PIN, SPRING (2X12) .....   | -----                   | ----- | 1   | 94305-20122    | 1441591 |
| 40  | JET, MAIN (#65) .....      | -----                   | ----- | (1) | 99101-ZH8-0650 | 5519988 |
|     | JET, MAIN (#68) .....      | -----                   | ----- | (1) | 99101-ZH8-0680 | 5519996 |
|     | JET, MAIN (#70) .....      | -----                   | ----- | 1   | 99101-ZH8-0700 | 5427505 |
| 41  | JET SET, PILOT (#35) ..... | -----                   | ----- | 1   | 99204-ZE0-0350 | 1441609 |

## AIR CLEANER (1)



ZK80-E1500



ZK80E1500

**MODEL**

A =GX160K1

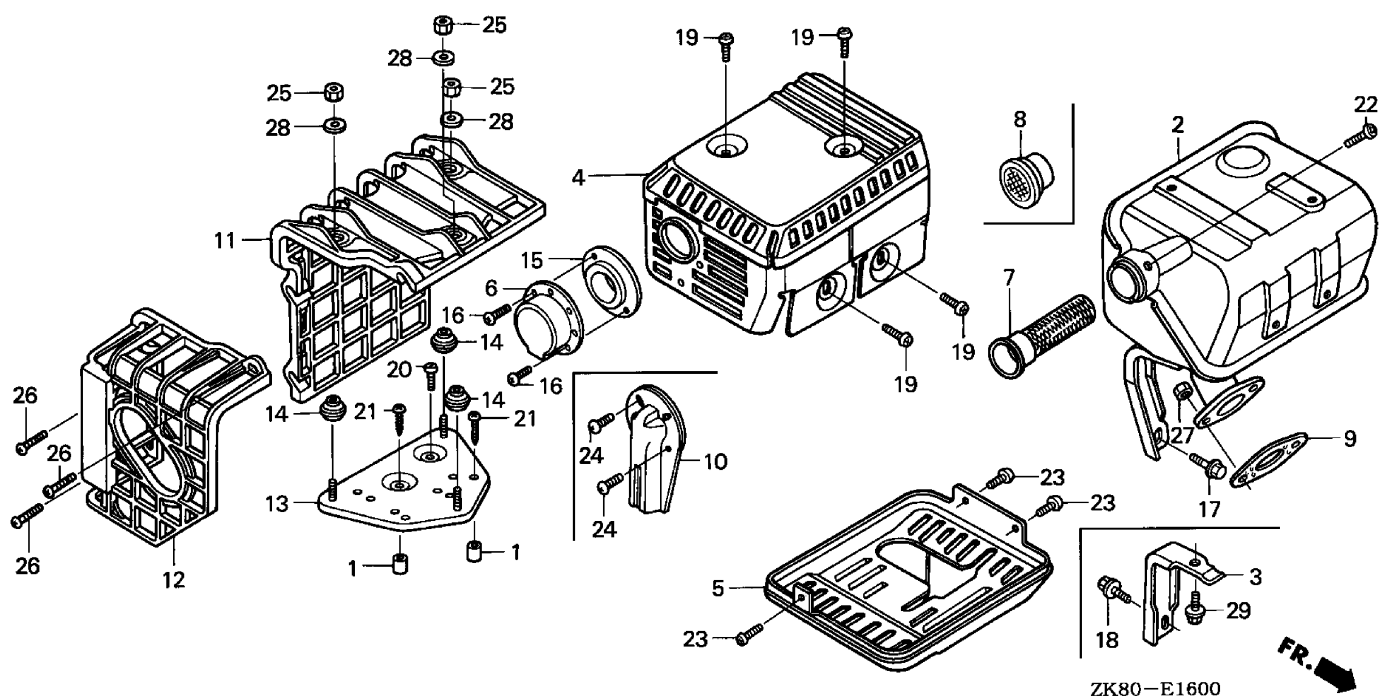
**TYPE**

a =QX2/A

E-15

| Ref | Description                       | Engine<br>Serial Number |       | QTY | Part Number    | H/C     |
|-----|-----------------------------------|-------------------------|-------|-----|----------------|---------|
|     |                                   | From                    | To    |     |                |         |
| 1   | GASKET, ELBOW .....               | -----                   | ----- | 1   | 16271-ZE1-000  | 1427194 |
| 2   | ELEMENT, AIR CLEANER (DUAL) ..... | -----                   | ----- | 1   | 17210-ZE1-505  | 5247408 |
|     | ELEMENT, AIR CLEANER (DUAL) ..... | -----                   | ----- | 1   | 17210-ZE1-517  | 7372444 |
|     | ELEMENT, AIR CLEANER (DUAL) ..... | -----                   | ----- | 1   | 17210-ZE1-822  | 2893881 |
| 3   | FILTER (OUTER) .....              | -----                   | ----- | 1   | 17218-ZE1-505  | 5272802 |
|     | FILTER (OUTER) .....              | -----                   | ----- | 1   | 17218-ZE1-507  | 7351885 |
| 4   | COVER, AIR CLEANER (DUAL) .....   | -----                   | ----- | 1   | 17230-ZE1-820  | 1445790 |
| 5   | GROMMET, AIR CLEANER.....         | -----                   | ----- | 1   | 17232-891-000  | 0999763 |
| 7   | COLLAR, AIR CLEANER .....         | -----                   | ----- | 2   | 17238-ZE7-010  | 2455673 |
| 8   | COLLAR B, AIR CLEANER .....       | -----                   | ----- | 1   | 17239-ZE1-000  | 1427533 |
| 9   | ELBOW, AIR CLEANER.....           | -----                   | ----- | 1   | 17410-ZE1-020  | 2481653 |
| 10  | WINGNUT, TOOL BOX SETTING .....   | -----                   | ----- | 2   | 90325-044-000  | 0127720 |
| 11  | NUT, FLANGE (6MM).....            | -----                   | ----- | 2   | 94050-06000    | 0471623 |
| 12  | BOLT, FLANGE (6X20) .....         | -----                   | ----- | 1   | 95701-06020-00 | 2105815 |

## MUFFLER (1)



ZK80-E1600

ZK80E1600

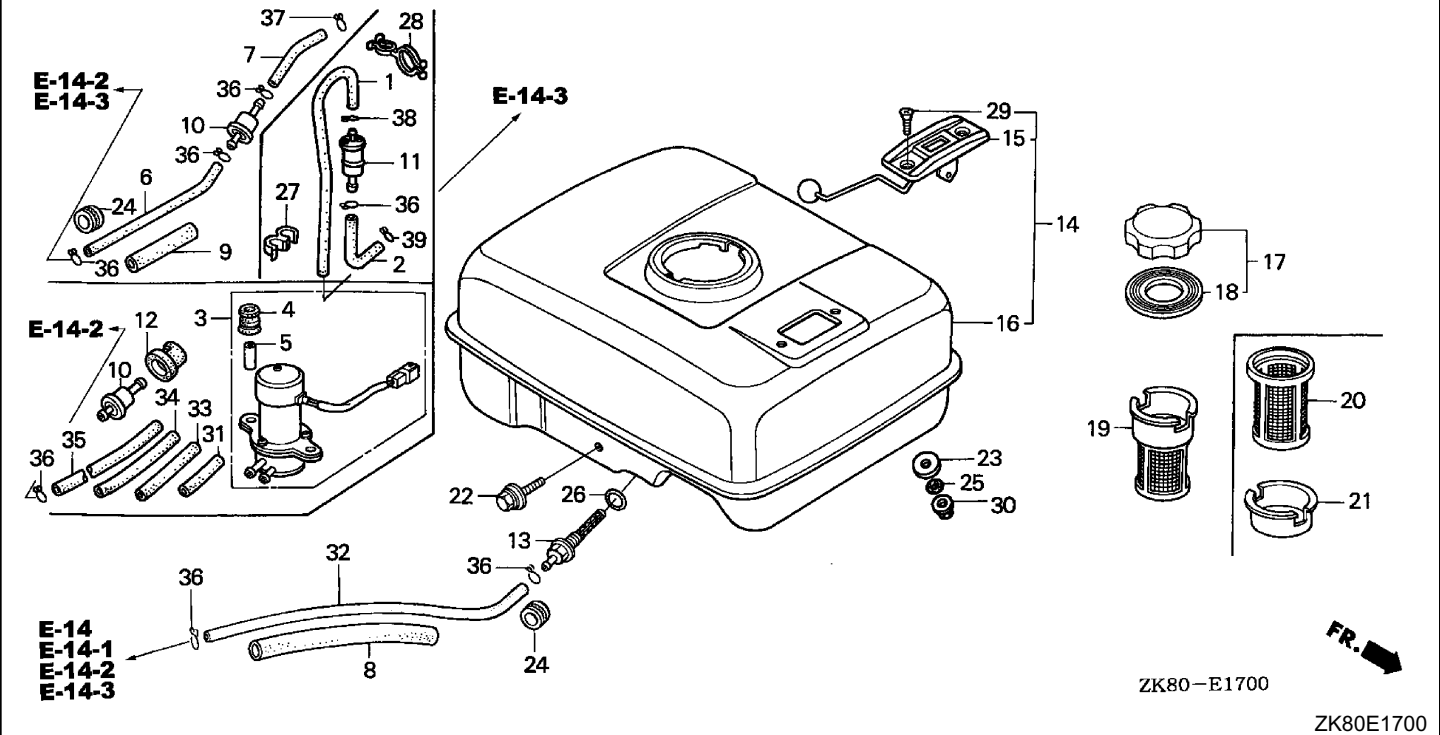
**MODEL**  
A =GX160K1

**TYPE**  
a =QX2/A

E-16

| Ref | Description               | Engine<br>Serial Number |       | QTY | Part Number    | H/C     |
|-----|---------------------------|-------------------------|-------|-----|----------------|---------|
|     |                           | From                    | To    |     |                |         |
| 2   | MUFFLER.....              | -----                   | ----- | 1   | 18310-ZF1-000  | 3683703 |
|     | MUFFLER.....              | -----                   | ----- | (1) | 18310-ZH8-810  | 3683711 |
| 4   | PROTECTOR, MUFFLER .....  | -----                   | ----- | 1   | 18320-ZF1-H01  | 4644811 |
| 7   | ARRESTER, SPARK .....     | -----                   | ----- | (1) | 18355-ZE1-000  | 1427780 |
| 9   | GASKET, MUFFLER .....     | -----                   | ----- | 1   | 18381-ZH8-800  | 3683745 |
| 19  | SCREW, TAPPING (5X8)..... | -----                   | ----- | 4   | 90050-ZE1-000  | 1431105 |
| 22  | SCREW, TAPPING (4X6)..... | -----                   | ----- | (1) | 90055-ZE1-000  | 1431121 |
| 27  | NUT, HEX. (8MM).....      | -----                   | ----- | 2   | 94001-08000-0S | 0167338 |

## FUEL TANK (1)

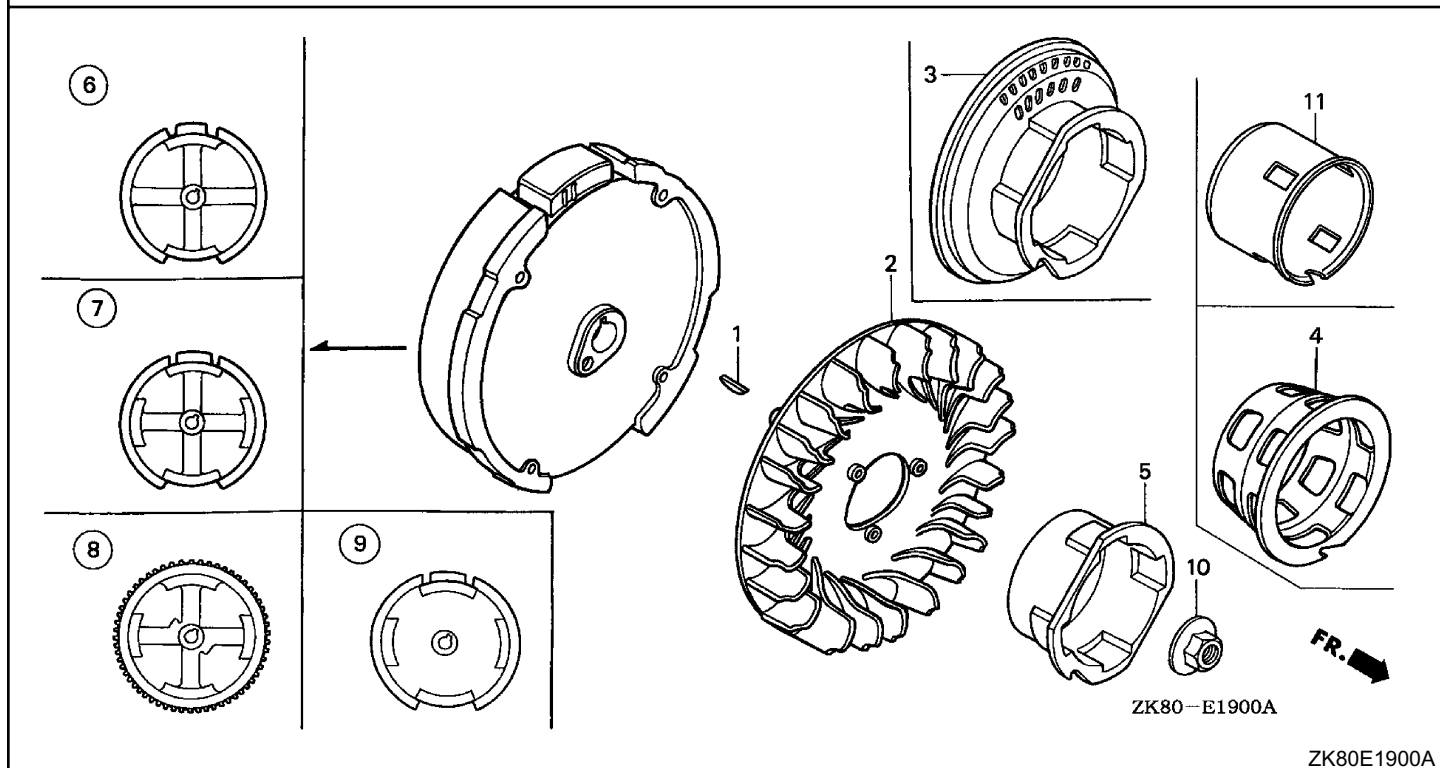


|              |             |
|--------------|-------------|
| <b>MODEL</b> | <b>TYPE</b> |
| A =GX160K1   | a =QX2/A    |

E-17

| Ref | Description                                | Engine<br>Serial Number |       | QTY | Part Number     | H/C     |
|-----|--------------------------------------------|-------------------------|-------|-----|-----------------|---------|
|     |                                            | From                    | To    |     |                 |         |
| 8   | RUBBER, SUPPORTER (107MM) .....            | -----                   | ----- | 1   | 16854-ZH8-000   | 3683646 |
| 13  | JOINT, FUEL TANK .....                     | -----                   | ----- | 1   | 16955-ZE1-000   | 1427459 |
| 16  | TANK, FUEL *NH31* (MCKINLEY WHITE) .....   | -----                   | ----- | 1   | 17510-ZE1-020ZA | 3683661 |
|     | TANK, FUEL *NH1* (BLACK) .....             | -----                   | ----- | 1   | 17510-ZE1-020ZF | 4212429 |
|     | TANK, FUEL *NH105* (MAT BLACK) .....       | -----                   | ----- | 1   | 17510-ZE1-020ZG | 4786034 |
|     | TANK, FUEL *R280* (POWER RED) .....        | -----                   | ----- | 1   | 17510-ZE1-020ZN | 7367626 |
| 17  | CAP, FUEL FILLER .....                     | -----                   | ----- | 1   | 17620-Z0T-305   | 7736788 |
|     | CAP, FUEL FILLER .....                     | -----                   | ----- | 1   | 17620-Z0T-814   | 7444433 |
| 18  | GASKET, FUEL FILLER CAP .....              | -----                   | ----- | 1   | 17631-Z0T-812   | 7444441 |
| 22  | BOLT, FLANGE (6X29) .....                  | -----                   | ----- | 1   | 90004-ZH7-003   | 6779540 |
| 26  | O-RING (13.5X1.5) (ARAI) .....             | -----                   | ----- | 1   | 91353-671-003   | 0949883 |
| 30  | NUT, FLANGE (6MM) .....                    | -----                   | ----- | 2   | 94050-06000     | 0471623 |
| 32  | BULK HOSE, FUEL (4.5X3000) (4.5X140) ..... | -----                   | ----- | 1   | 95001-45003-60M | 5137104 |
| 36  | CLIP, TUBE (B8) .....                      | -----                   | ----- | 2   | 95002-02080     | 0250647 |

## FLYWHEEL



**MODEL**  
A =GX160K1

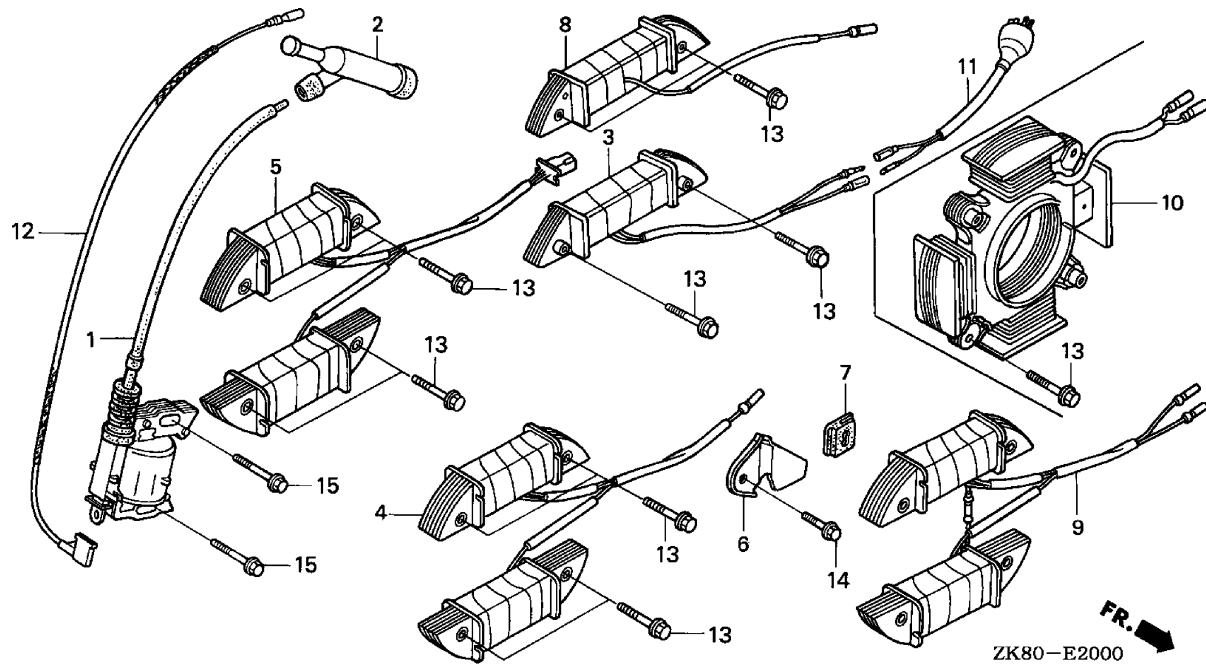
**TYPE**  
a =QX2/A

ZK80E1900A

E-19

| Ref | Description                         | Engine<br>Serial Number |       | QTY | Part Number   | H/C     |
|-----|-------------------------------------|-------------------------|-------|-----|---------------|---------|
|     |                                     | From                    | To    |     |               |         |
| 1   | KEY, SPECIAL WOODRUFF (25X18) ..... | -----                   | ----- | 1   | 13331-357-000 | 0348433 |
| 2   | FAN, COOLING .....                  | -----                   | ----- | 1   | 19511-ZE1-000 | 1428051 |
| 5   | PULLEY, STARTER.....                | -----                   | ----- | 1   | 28451-ZH8-003 | 3683943 |
| 6   | FLYWHEEL .....                      | -----                   | ----- | 1   | 31100-ZE1-010 | 1496850 |
| 10  | NUT, SPECIAL (14MM) .....           | -----                   | ----- | 1   | 90201-878-003 | 0442038 |

## IGNITION COIL



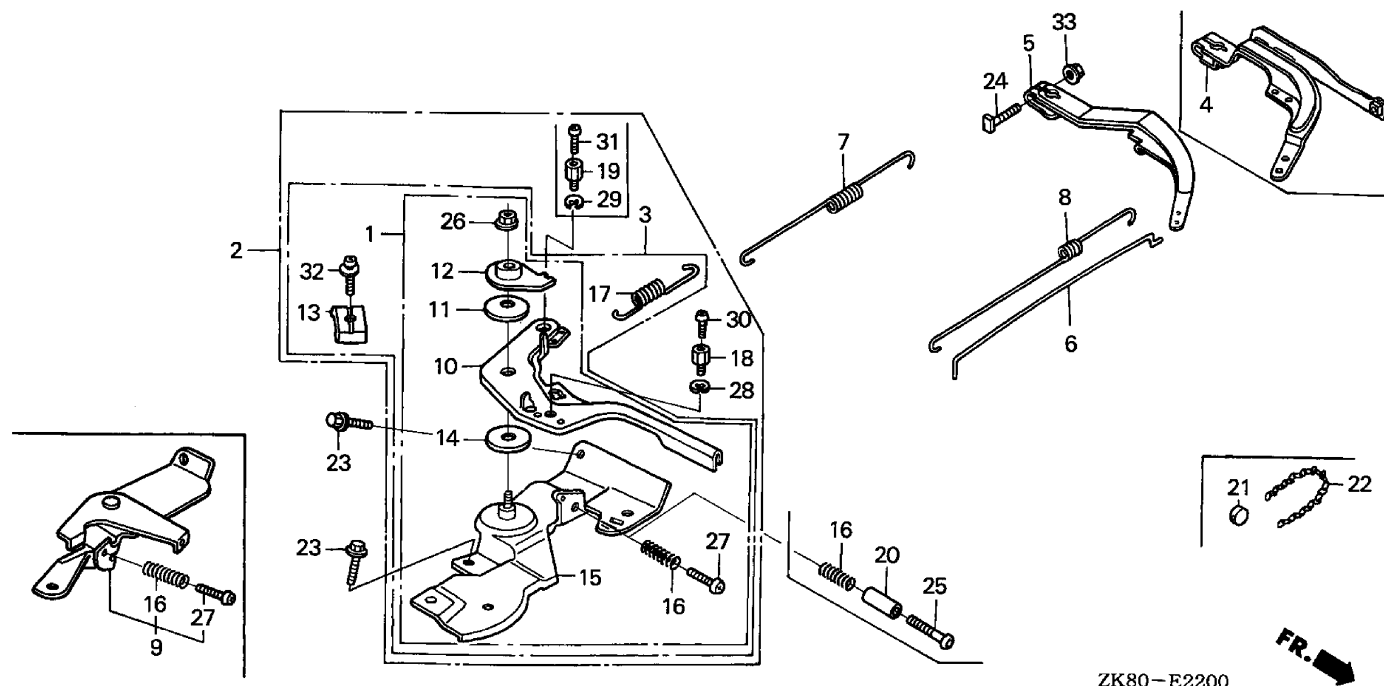
ZK80E2000

**MODEL**  
A =GX160K1

**TYPE**  
a =QX2/A

E-20

| Ref | Description                       | Engine<br>Serial Number |       | QTY | Part Number   | H/C     |
|-----|-----------------------------------|-------------------------|-------|-----|---------------|---------|
|     |                                   | From                    | To    |     |               |         |
| 1   | COIL ASSY., IGNITION .....        | -----                   | ----- | 1   | 30500-ZE1-043 | 7120405 |
| 2   | CAP ASSY., NOISE SUPPRESSOR ..... | -----                   | ----- | 1   | 30700-ZE1-013 | 3526837 |
| 12  | WIRE, STOP SWITCH (370MM) .....   | -----                   | ----- | 1   | 36101-ZE1-010 | 3684032 |
| 15  | BOLT, FLANGE (6X25) .....         | -----                   | ----- | 2   | 90121-952-000 | 0748111 |

**CONTROL (1)**

ZK80-E2200

ZK80E2200

**MODEL**

A =GX160K1

**TYPE**

a =QX2/A

E-22

| Ref | Description                       | Engine<br>Serial Number |       | QTY | Part Number    | H/C     |
|-----|-----------------------------------|-------------------------|-------|-----|----------------|---------|
|     |                                   | From                    | To    |     |                |         |
| 3   | CONTROL ASSY. (REMOTE) .....      | -----                   | ----- | 1   | 16500-ZH8-823  | 6147755 |
| 5   | ARM, GOVERNOR.....                | -----                   | ----- | 1   | 16551-ZE0-010  | 1950609 |
| 6   | ROD, GOVERNOR.....                | -----                   | ----- | 1   | 16555-ZE1-000  | 1427319 |
| 7   | SPRING, GOVERNOR.....             | -----                   | ----- | 1   | 16561-ZE1-020  | 1950617 |
| 8   | SPRING, THROTTLE RETURN.....      | -----                   | ----- | 1   | 16562-ZE1-020  | 1950625 |
| 10  | LEVER, CONTROL .....              | -----                   | ----- | 1   | 16571-ZH8-020  | 6145338 |
| 11  | SPRING, LEVER .....               | -----                   | ----- | 1   | 16574-ZE1-000  | 1427384 |
| 12  | WASHER, CONTROL LEVER .....       | -----                   | ----- | 1   | 16575-ZH8-000  | 3683604 |
| 13  | HOLDER, CABLE.....                | -----                   | ----- | 1   | 16576-891-000  | 0800466 |
| 14  | SPACER, CONTROL LEVER.....        | -----                   | ----- | 1   | 16578-ZE1-000  | 1427400 |
| 15  | BASE, CONTROL (REMOTE) .....      | -----                   | ----- | 1   | 16580-ZH8-813  | 6145346 |
| 16  | SPRING, CONTROL ADJUSTING.....    | -----                   | ----- | 1   | 16584-883-300  | 0636431 |
| 17  | SPRING, CABLE RETURN .....        | -----                   | ----- | 1   | 16592-ZE1-810  | 1445774 |
| 23  | BOLT, FLANGE (6X12) (CT200) ..... | -----                   | ----- | 2   | 90013-883-000  | 0636845 |
| 24  | BOLT, GOVERNOR ARM .....          | -----                   | ----- | 1   | 90015-ZE5-010  | 2418671 |
| 26  | NUT, SELF-LOCK (6MM).....         | -----                   | ----- | 1   | 90114-SA0-000  | 1410182 |
| 27  | SCREW, PAN (5X25).....            | -----                   | ----- | 1   | 93500-05025-0H | 0374702 |
| 32  | SCREW, PAN (5X16).....            | -----                   | ----- | 1   | 93500-05016-0A | 0145557 |

## CONTROL (1)

**MODEL**

TYPE

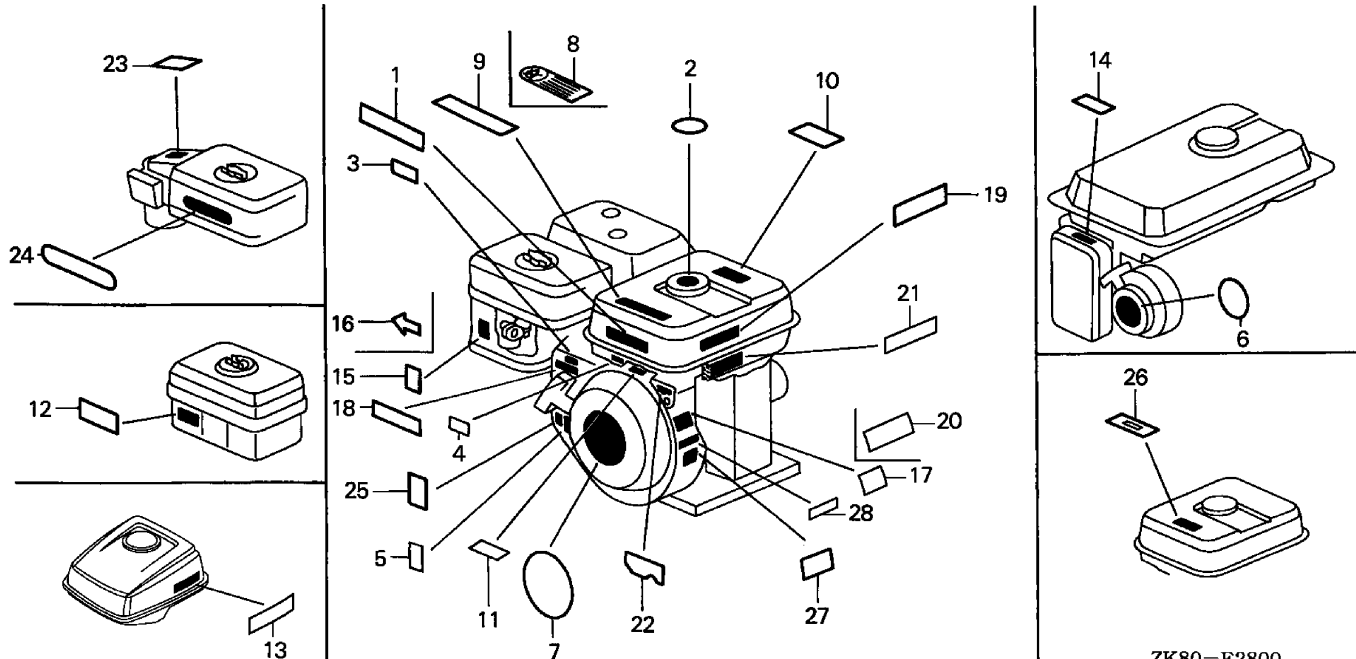
A =GX160K1

$$a = QX^2/A$$

E-22

| Ref | Description            | Engine<br>Serial Number |       | QTY | Part Number | H/C     |
|-----|------------------------|-------------------------|-------|-----|-------------|---------|
|     |                        | From                    | To    |     |             |         |
| 33  | NUT, FLANGE (6MM)..... | -----                   | ----- | 1   | 94050-06000 | 0471623 |

## LABEL (1)



ZK80-E2800

ZK80E2800

**MODEL**  
A =GX160K1

**TYPE**  
a =QX2/A

E-28

| Ref | Description               | Engine<br>Serial Number |       | QTY | Part Number   | H/C     |
|-----|---------------------------|-------------------------|-------|-----|---------------|---------|
|     |                           | From                    | To    |     |               |         |
| 1   | LABEL, CAUTION .....      | -----                   | ----- | 1   | 87522-ZH9-010 | 7005820 |
| 7   | EMBLEM (5.5) .....        | -----                   | ----- | 1   | 87521-ZH8-030 | 7352362 |
| 15  | MARK, CHOKE.....          | -----                   | ----- | 1   | 87528-ZE1-810 | 1696715 |
| 19  | MARK, OIL ALERT (E) ..... | -----                   | ----- | 1   | 87532-ZH8-810 | 4193355 |

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