

# **OPERATION AND PARTS MANUAL**

# **STOW**

A DIVISION OF MULTIQUIP INC.

## **PLASTER/MORTAR MIXER**

**MS45H5.5 (Steel-Gasoline)**

**MS45E (Steel-Electric)**

Revision #2 (08/09/06)

THIS MANUAL MUST ACCOMPANY THE EQUIPMENT AT ALL TIMES.

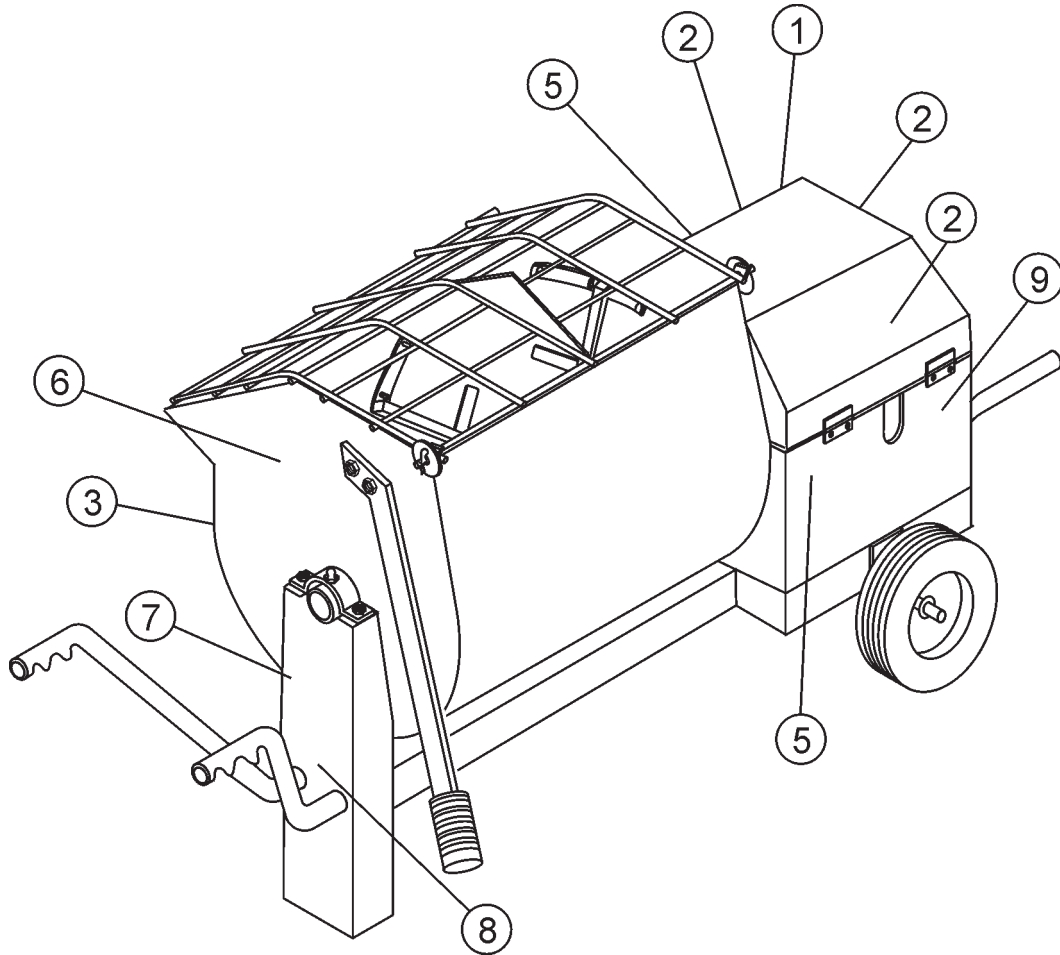
## MS45H/MS45E MIXER — SUGGESTED SPARE PARTS

### ***MS45H/MS45E MIXER 1 TO 3 UNITS WITH HONDA GX160K1HX2 ENGINE***

| Qty.    | P/N               | Description                        |
|---------|-------------------|------------------------------------|
| 2 ..... | 491010 .....      | RUBBER LATCH ASSY.                 |
| 1 ..... | 508473 .....      | V-BELT, ELECTRIC MOTOR A37         |
| 1 ..... | 8000-008 .....    | KIT, RUBBER BLADES                 |
| 3 ..... | 9807956846 .....  | SPARK PLUG HONDA 5.5HP             |
| 3 ..... | 17210ZE1505 ..... | ELEMENT, AIR HONDA 5.5 HP          |
| 1 ..... | 28462ZH8003 ..... | ROPE, RECOIL STARTER, HONDA 5.5 HP |

## MS45H/MS45E MIXER — NAMEPLATE AND DECALS

NAMEPLATE AND DECALS.



## MS45H/MS45E MIXER — NAMEPLATE AND DECALS

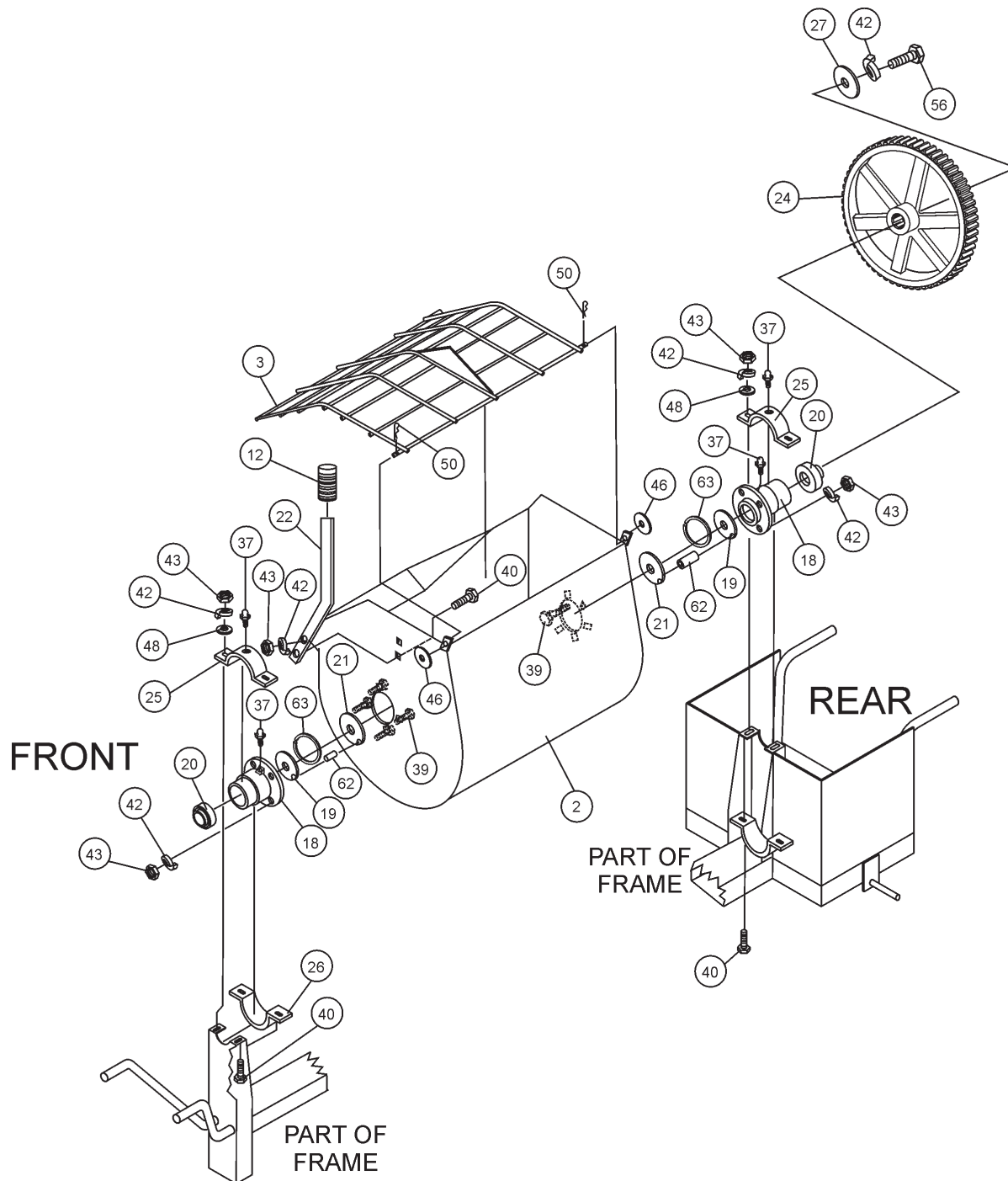
### NAMEPLATE AND DECALS.

| <u>NO</u> | <u>PART NO</u> | <u>PART NAME</u>              | <u>QTY.</u> | <u>REMARKS</u>               |
|-----------|----------------|-------------------------------|-------------|------------------------------|
| 1*        | 504713         | DECAL: WARNING READ           | 1           |                              |
| 2*        | 510165         | DECAL: STOW (MULTIQUIP) SMALL | 3           |                              |
| 3*        | 512527         | DECAL: STOW (MULTIQUIP) BIG   | 1           |                              |
| 5*        | DCL160A        | DECAL: WARNING ENGINE SHUTOFF | 2           |                              |
| 6*        | 25259-001      | DECAL: WARNING GRATE          | 1           |                              |
| 7         |                | DECAL: NAMEPLATE .....        | 1           | ..... CONTACT MQ PARTS DEPT. |
| 8*        | 13118          | DECAL: POWDER COATED          | 1           |                              |
| 9*        | DCL160         | DECAL: PROP. 65 WARNING       | 1           |                              |

SEE DECAL ILLUSTRATIONS ON PAGE 13.

# MS45H/MS45E MIXER — STEEL TUB ASSY.

STEEL TUB ASSY.



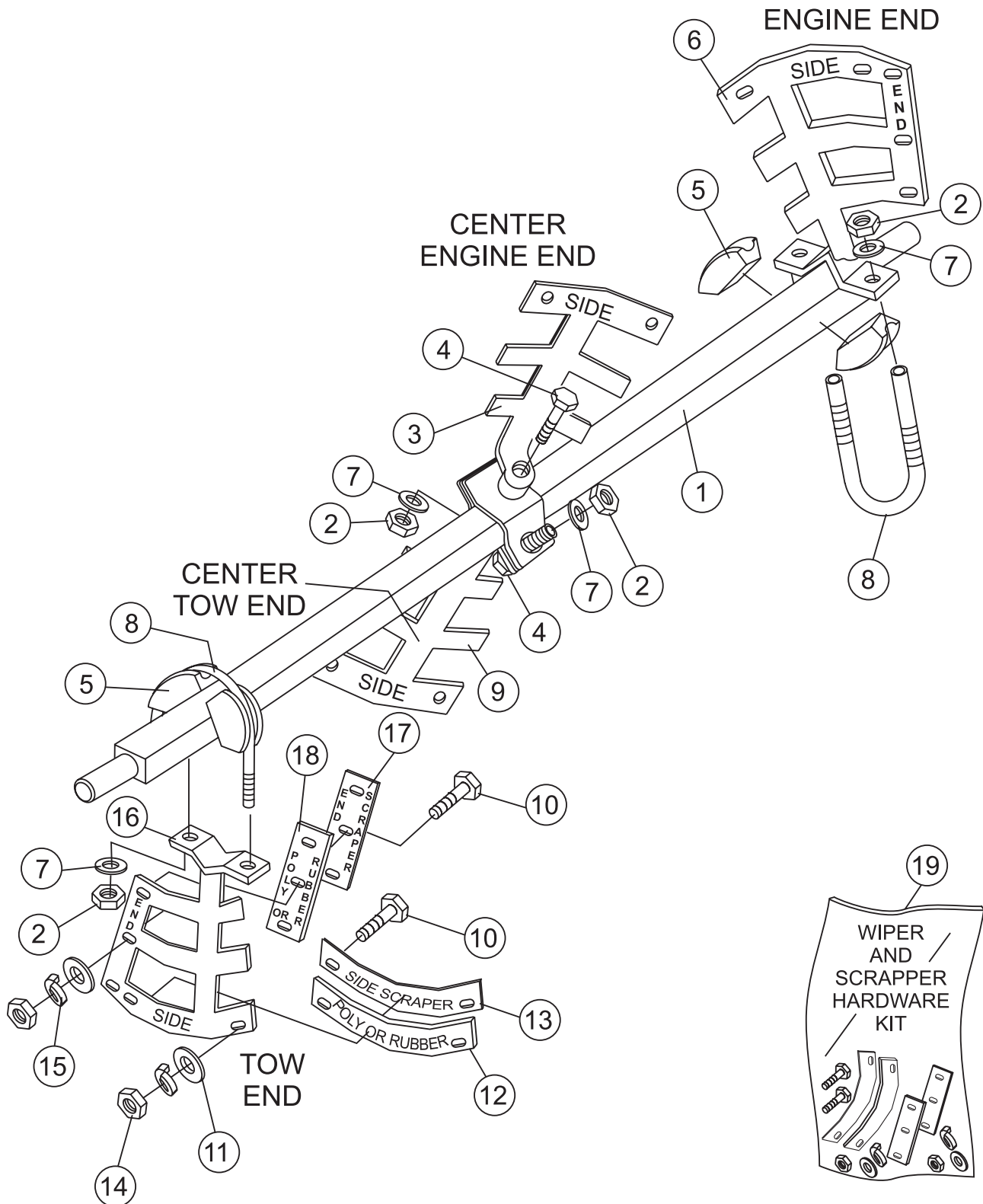
# MS45H/MS45E MIXER — STEEL TUB ASSY

## STEEL TUB ASSY.

| <u>NO</u> | <u>PART NO</u> | <u>PART NAME</u>                   | <u>QTY.</u> | <u>REMARKS</u>                                                 |
|-----------|----------------|------------------------------------|-------------|----------------------------------------------------------------|
| 2*        | 26084-352      | DRUM                               | 1           |                                                                |
| 3         | 26085-351      | GRATE                              | 1           |                                                                |
| 12        | 23180-001      | HAND GRIP                          | 1           |                                                                |
| 18*       | 19728-001      | TRUNNION                           | 2           |                                                                |
| 19+*      | 19722-001      | SHAFT SEAL                         | 2           |                                                                |
| 20*       | 33177-001      | SEALED BEARING                     | 2           |                                                                |
| 21+*      | 33044-001      | SHAFT SEAL                         | 2           |                                                                |
| 22        | 25492-001      | DUMP LEVER                         | 1           |                                                                |
| 24*       | 33048-001      | MAIN GEAR                          | 1           |                                                                |
| 25        | 33084-001      | BEARING HALF - UPPER               | 2           |                                                                |
| 26        | 33084-002      | BEARING HALF - LOWER               | 2           |                                                                |
| 27*       | 18937-001      | LARGE WASHER                       | 1           |                                                                |
| 37*       | 07745-001      | GREASE FITTING                     | 4           |                                                                |
| 39*       | 17985-008      | CARRIAGE BOLT 3/8 - 16 X 1         | 8           |                                                                |
| 40        | 17985-010      | CARRIAGE BOLT 3/8 - 16 X 1-1/4     | 6           |                                                                |
| 42*       | 07029-006      | LOCKWASHER 3/8                     | 15          |                                                                |
| 43*       | 07033-006      | HEX NUT 3/8 - 16                   | 14          |                                                                |
| 46        | 07030-008      | FLATWASHER 1/2                     | 2           |                                                                |
| 48        | 07030-006      | FLATWASHER 3/8                     | 4           |                                                                |
| 50        | 07028-055      | COTTER PIN 5/32 X 1                | 2           |                                                                |
| 56*       | 06501-008      | HEX HEAD CAP SCREW 3/8 - 16 X 1    | 1           |                                                                |
| 62*       | 07594-012      | ROLL PIN 3/16 X 3/4                | 2           |                                                                |
| 63*       | 19721-001      | RETAINING RING                     | 2           |                                                                |
|           | 25648-501      | SHAFT SEAL KIT .....               | 1           | INCLUDES ITEMS W/+                                             |
|           | 26083-502      | DRUM ASSY. W/SHAFT MAIN GEAR ..... | 1           | INCLUDES ITEM W/*, ALSO INCLUDES<br>PADDLE SHAFT P/N 29062-351 |

# MS45H/MS45E MIXER — PADDLE SHAFT ASSY.

PADDLE SHAFT ASSY.



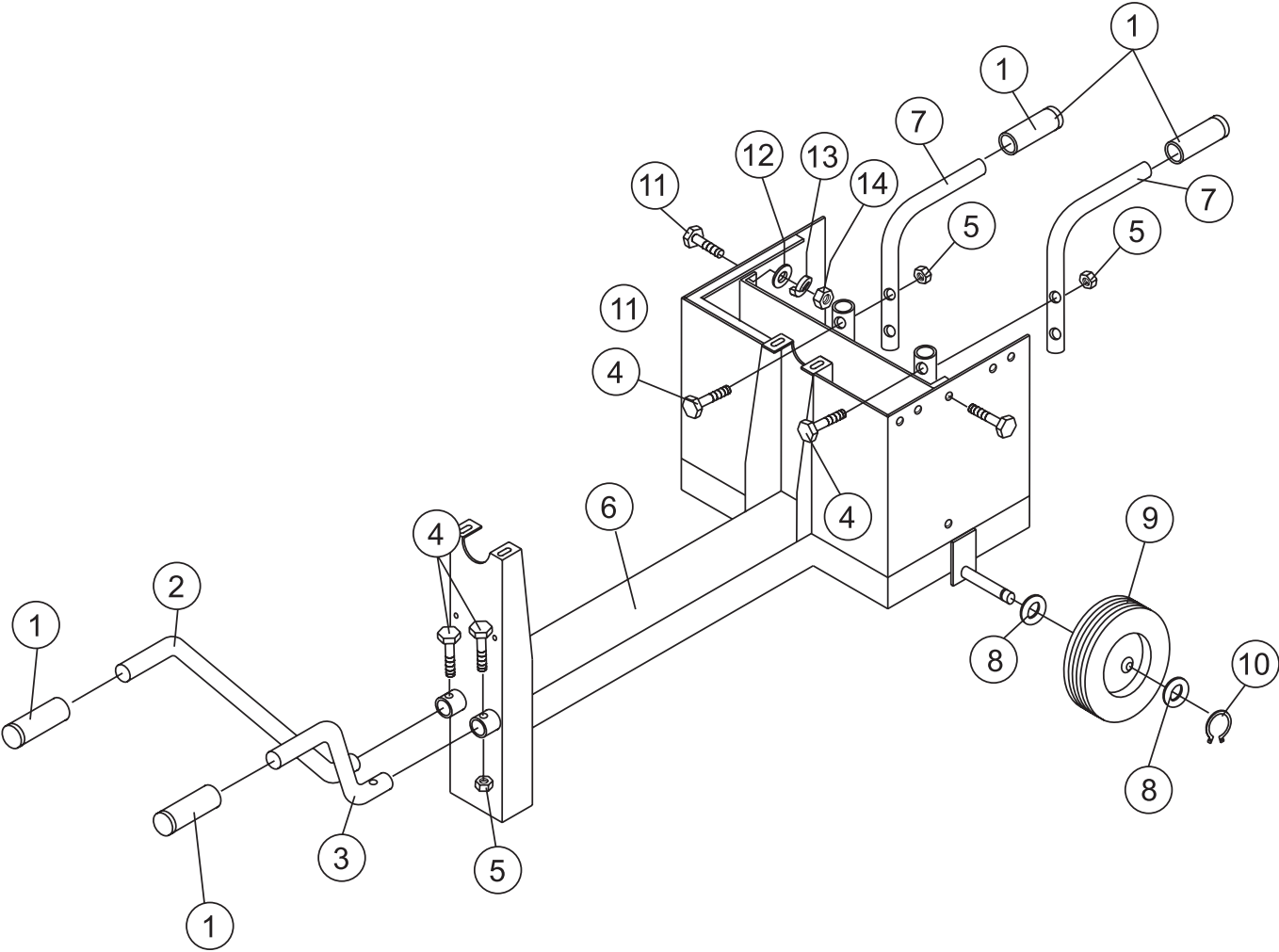
## MS45H/MS45E MIXER — PADDLE SHAFT ASSY.

### PADDLE SHAFT ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                           | <u>QTY.</u> | <u>REMARKS</u>     |
|------------|-----------------|--------------------------------------------|-------------|--------------------|
| 1          | 29062-351       | PADDLE SHAFT                               | 1           |                    |
| 2          | 492584          | NUT, LOCK 1/2"                             | 6           |                    |
| 3          | 530181C         | PADDLE ARM, CENTER ENGINE END              | 1           |                    |
| 4          | 492400          | SCREW, HHC 1/2"-13 X 3-1/2                 | 2           |                    |
| 5          | EM200292        | INSERT, PADDLE ARM                         | 4           |                    |
| 6          | 530180C         | PADDLE ARM, ENGINE END                     | 1           |                    |
| 7          | 504322          | WASHER, FLAT 1/2"                          | 6           |                    |
| 8          | EM200297        | U-BOLT, END PADDLES                        | 2           |                    |
| 9          | 530179C         | PADDLE ARM, CENTER TOW END                 | 1           |                    |
| 10*        | 505196          | SCREW, HHC 5/16-18 X 1-3/4 G5              | 12          |                    |
| 11*        | 3019092         | WASHER, FLAT 3/8"                          | 12          |                    |
| 12*        | 514725          | BLADE, SIDE, RUBBER                        | 4           |                    |
| 13*        | 514726          | BLADE, SIDE, SCRAPPER                      | 4           |                    |
| 14*        | 1456            | NUT, HEX FINISH 3/8-16" NC G5              | 12          |                    |
| 15*        | 0166A           | WASHER, LOCK 3.8"                          | 12          |                    |
| 16         | 530182C         | PADDLE ARM, TOW END                        | 1           |                    |
| 17*        | 530201          | BLADE ,SCRAPPER END                        | 2           |                    |
| 18*        | 33017-001       | BLADE, RUBBER END                          | 2           |                    |
| 19         | 80000-008       | KIT, RUBBER BLADES, SCRAPPERS & HDWARE ... | 1           | INCLUDES ITEMS W/* |

# MS45H/MS45E MIXER — FRAME ASSY.

FRAME ASSY.



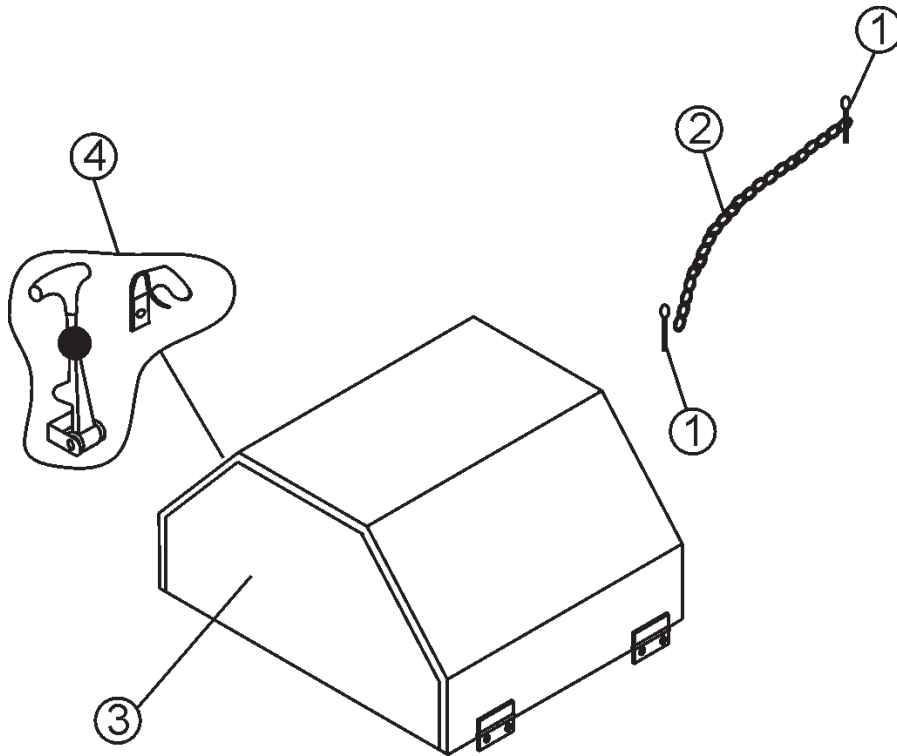
## MS45H/MS45E MIXER — FRAME ASSY.

### FRAME ASSY.

| <u>NO</u> | <u>PART NO</u> | <u>PART NAME</u>       | <u>QTY.</u> | <u>REMARKS</u> |
|-----------|----------------|------------------------|-------------|----------------|
| 1         | EM98195        | GRIP, RUBBER BLACK     | 4           |                |
| 2         | 530467         | HANDLE, FRONT-LEFT     | 1           |                |
| 3         | 530226         | HANDLE, FRONT-RIGHT    | 1           |                |
| 4         | 492381         | SCREW, 3/8 NC 2-1/2 G5 | 6           |                |
| 5         | EM969013       | NUT, NYLOCK            | 6           |                |
| 6         | 530168         | FRAME                  | 1           |                |
| 7         | 530166         | HANDLE BACK            | 2           |                |
| 8         | 501299         | WASHER, FLAT           | 4           |                |
| 9         | 491002         | WHEEL , TIRE ASSY.     | 2           |                |
| 10        | 490957         | SNAP RING 5100-100     | 2           |                |
| 11        | 492356         | BOLT, 1/4" X 3/4"      | 4           |                |
| 12        | 504451         | WASHER, FLAT 1/4"      | 4           |                |
| 13        | 2101402        | WASHER, LOCK 1/4"      | 4           |                |
| 14        | 492561         | NUT, HEX HEAD 1/4"-20  | 4           |                |

## MS45H/MS45E MIXER — ENGINE COVER ASSY.

ENGINE COVER ASSY.



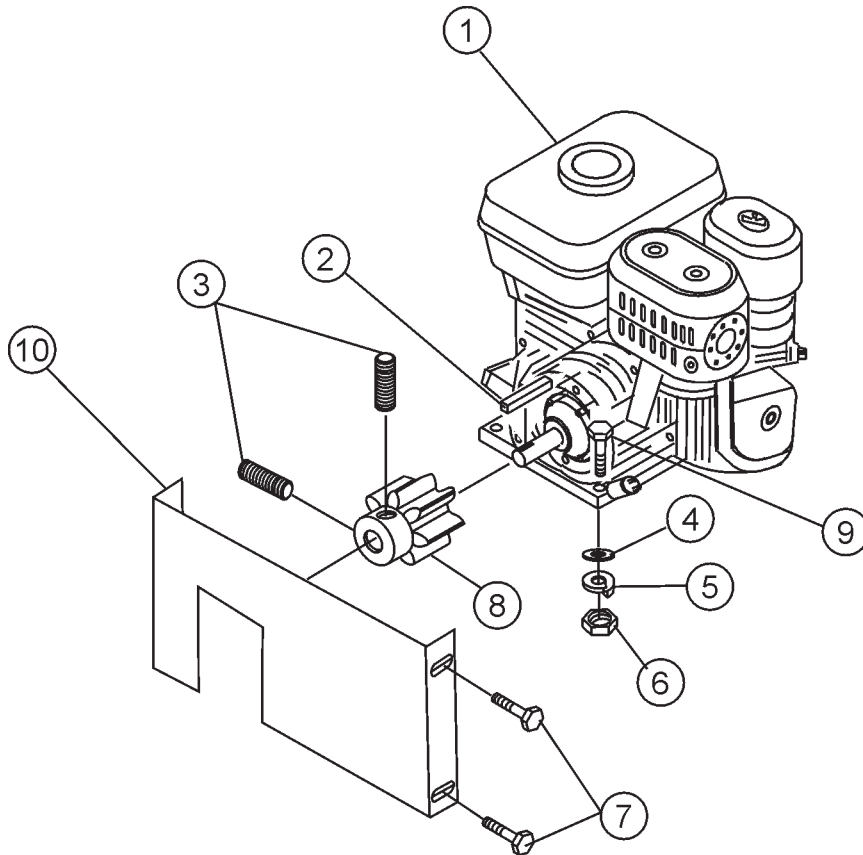
## MS45H/MS45E MIXER — ENGINE COVER ASSY.

ENGINE COVER ASSY.

| <u>NO</u> | <u>PART NO</u> | <u>PART NAME</u>      | <u>QTY.</u> | <u>REMARKS</u> |
|-----------|----------------|-----------------------|-------------|----------------|
| 1         | 07028-057      | COTTER PIN 5/32 x 1/2 | 2           |                |
| 2         | 18604-005      | RETAINER CHAIN        | 1           |                |
| 3         | 26922-351      | ENGINE HOUSE ASSY.    | 1           |                |
| 4         | 491010         | LATCH ASSY.           | 1           |                |

## MS45H/MS45E MIXER — HONDA ENGINE ASSY.

HONDA ENGINE ASSY.



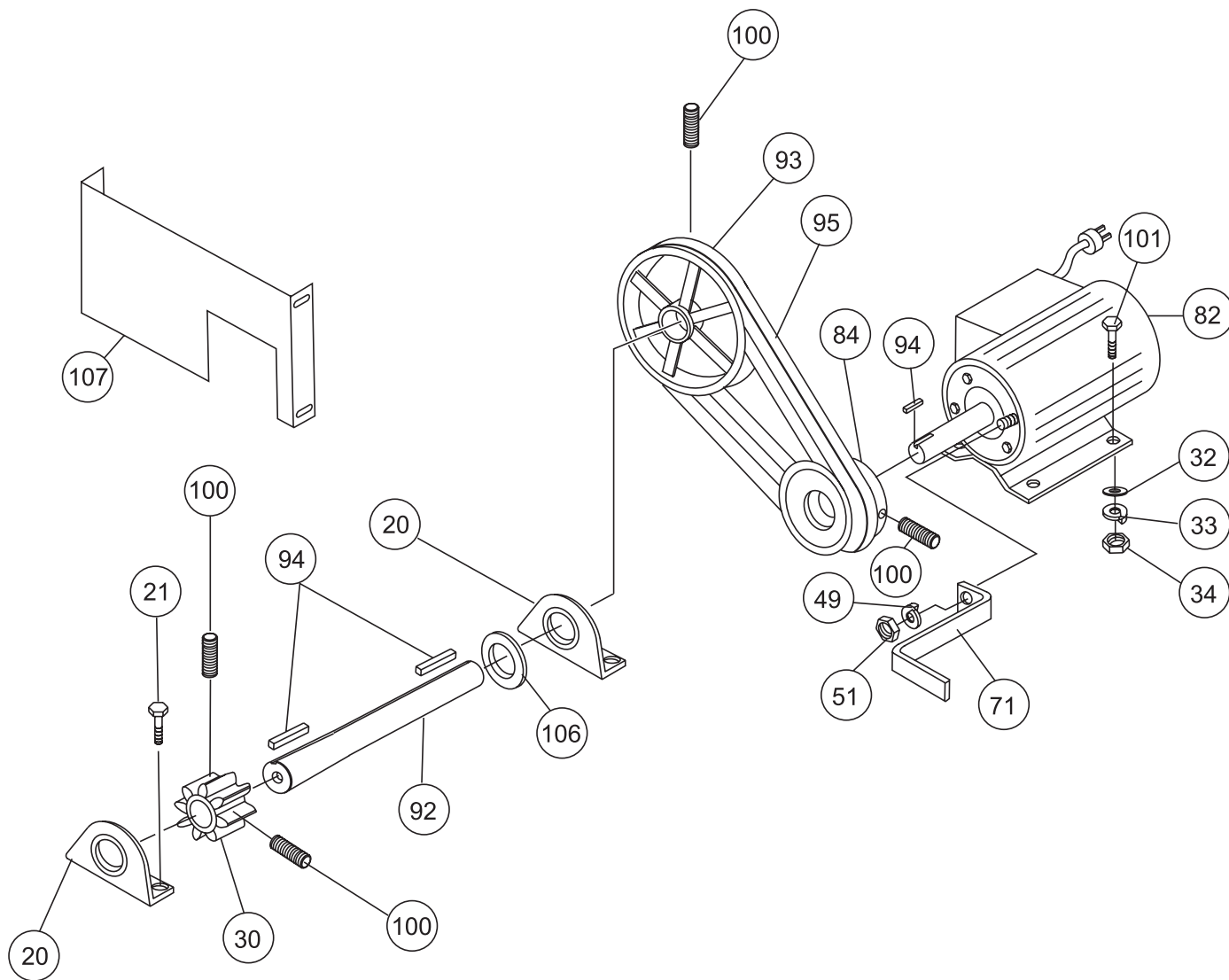
## MS45H/MS45E MIXER — HONDA ENGINE ASSY.

### HONDA ENGINE ASSY.

| <u>NO</u> | <u>PART NO</u> | <u>PART NAME</u>              | <u>QTY.</u> | <u>REMARKS</u>     |
|-----------|----------------|-------------------------------|-------------|--------------------|
| 1         | GX160K1HX2     | ENGINE-5.5 H.P. HONDA .....   | 1 .....     | REPLACES 22052-501 |
| 2         | 10057-016      | SQUARE KEY 3/16 x 1-1/2       | 1           |                    |
| 3         | 18941-004      | SOCKET SET SCREW 1/4-20 x 1/4 | 2           |                    |
| 4         | 07030-005      | FLATWASHER 5/16               | 4           |                    |
| 5         | 07029-005      | LOCKWASHER 5/16               | 4           |                    |
| 6         | 07033-005      | HEX NUT 5/16 -18              | 4           |                    |
| 7         | 06499-006      | CAP SCREW 1/4-20 x 3/4        | 4           |                    |
| 8         | 33054-001      | PINION GEAR                   | 1           |                    |
| 9         | 06500-012      | CAP SCREW 5/16 - 18 x 1-1/2   | 4           |                    |
| 10        | 530170         | GEAR GUARD                    | 1           |                    |

# MS45H/MS45E MIXER — ELECTRIC MOTOR ASSY.

ELECTRIC MOTOR ASSY.



MOUNT TO  
FRAME, SEE  
PAGE 48

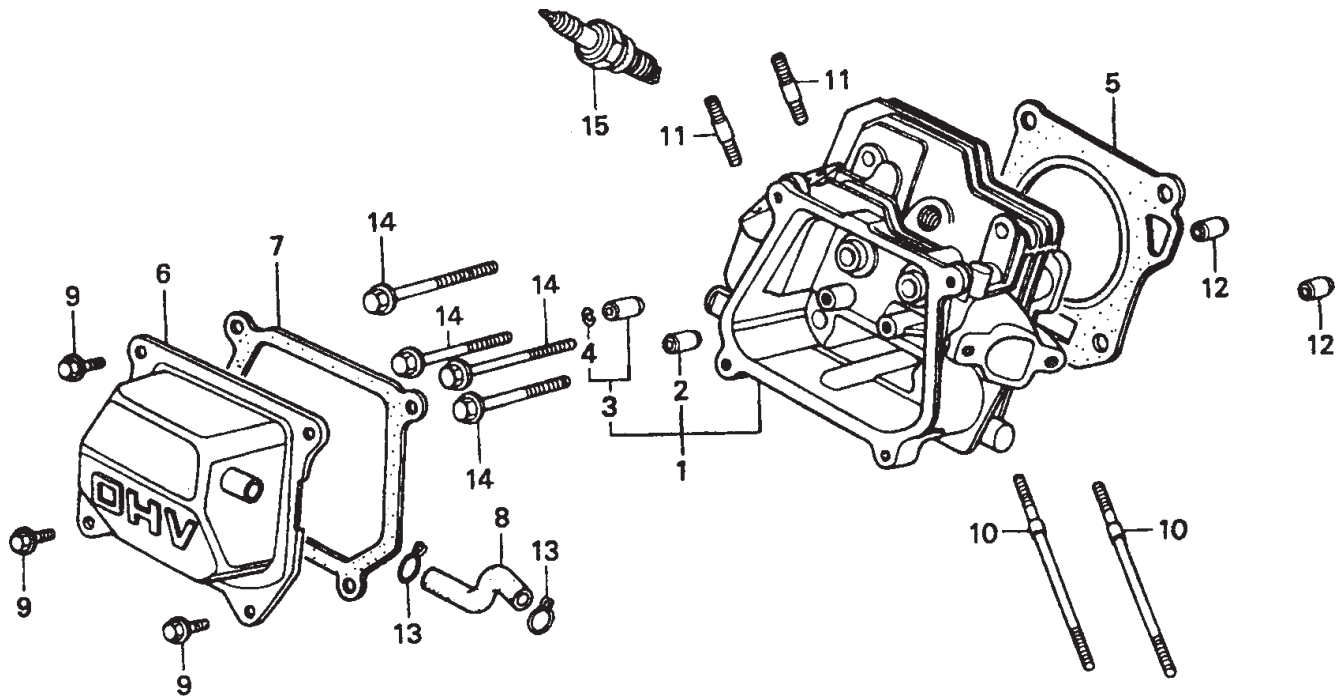
## MS45H/MS45E MIXER — ELECTRIC MOTOR ASSY.

### ELECTRIC MOTOR ASSY.

| <u>NO</u> | <u>PART NO</u> | <u>PART NAME</u>             | <u>QTY.</u> | <u>REMARKS</u> |
|-----------|----------------|------------------------------|-------------|----------------|
| 20        | 33060-001      | PILLOW BLOCK                 | 2           |                |
| 21        | 17985-010      | CARRIAGE BOLT 3/8-16 x 1-1/4 | 4           |                |
| 30        | 33054-001      | DRIVE PINION GEAR            | 1           |                |
| 32        | 07030-005      | FLAT WASHER 5/16             | 4           |                |
| 33        | 07029-005      | LOCK WASHER 5/16             | 4           |                |
| 34        | 07033-005      | HEX NUT 5/16-18              | 4           |                |
| 49        | 07029-004      | LOCKWASHER 1/4               | 6           |                |
| 51        | 07033-004      | NUT, HEX 1/4-20              | 6           |                |
| 71        | 26044-001      | BRACKET                      | 1           |                |
| 82        | 22743-002      | MOTOR & CONTROL ASSY. 1.0 HP | 1           |                |
| 84        | 512518         | DRIVE PULLEY                 | 1           |                |
| 92        | 530235         | SHAFT                        | 1           |                |
| 93        | 512466         | DRIVEN PULLEY                | 1           |                |
| 94        | 10057-016      | SQUARE KEY 3/16 x 1-1/2      | 3           |                |
| 95        | 508473         | V-BELT, A-37                 | 1           |                |
| 100       | 18941-004      | SOCKET SET SCREW 1/4-20 x1/4 | 4           |                |
| 101       | 06500-008      | CAP SCREW 5/16-18 x 1        | 4           |                |
| 106       | 07030-012      | FLATWASHER 3/4               | 1           |                |
| 107       | 530256         | GUARD                        | 1           |                |

## HONDA GX160K1HX2 ENGINE — CYLINDER HEAD ASSY.

CYLINDER HEAD ASSY.



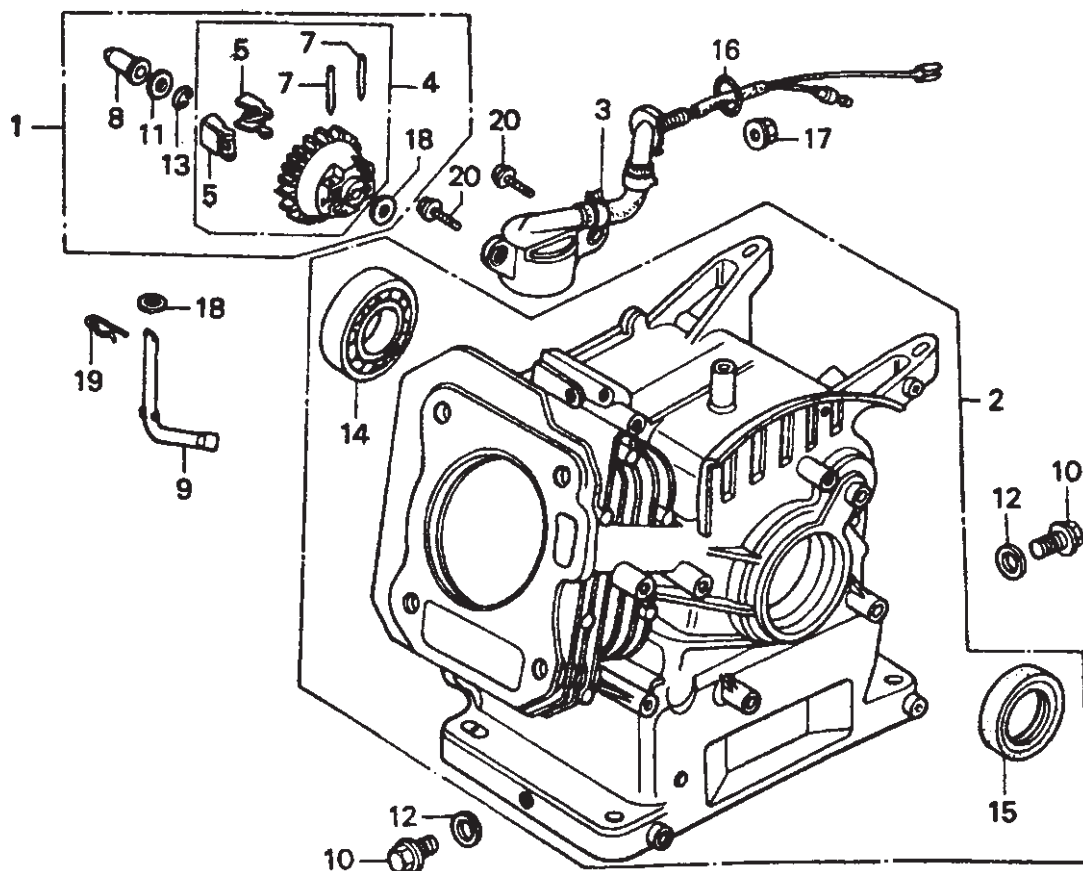
## HONDA GX160K1HX2 ENGINE — CYLINDER HEAD ASSY.

### CYLINDER HEAD ASSY.

| <u>NO</u> | <u>PART NO</u> | <u>PART NAME</u>             | <u>QTY.</u> | <u>REMARKS</u>     |
|-----------|----------------|------------------------------|-------------|--------------------|
| 1         | 12210ZH8000    | CYLINDER HEAD, COMP .....    | 1 .....     | INCLUDES ITEMS W/★ |
| 2★        | 12204ZE1306    | GUIDE, IN. VALVE (OVER SIZE) | 1           |                    |
| 3★        | 12205ZE1315    | GUIDE, EX. VALVE (OS)        | 1           |                    |
| 4         | 12216ZE5300    | CLIP, VALVE GUIDE            | 1           |                    |
| 5         | 12251ZF1800    | GASKET, CYLINDER HEAD        | 1           |                    |
| 6         | 12310ZE1010    | COVER COMP, HEAD             | 1           |                    |
| 7         | 12391ZE1000    | GASKET, CYLINDER HEAD COVER  | 1           |                    |
| 8         | 15721ZH8000    | TUBE, BREATHER               | 1           |                    |
| 9         | 90016ZE1000    | BOLT, FLANGE 6X13            | 4           |                    |
| 10        | 90043ZE1020    | BOLT, STUD 6X109             | 2           |                    |
| 11        | 90047ZE1000    | BOLT, STUD 8X32              | 2           |                    |
| 12        | 9430110160     | PIN A, DOWEL 10X16           | 2           |                    |
| 14        | 957230806000   | BOLT, FLANGE 8X60            | 4           |                    |
| 15        | 9807956846     | PLUG, SPARK (BPR6ES NGK)     | 1           |                    |
|           | 9807956855     | PLUG, SPARK (W20EPR-U ND)    | 1           |                    |

## HONDA GX160K1HX2 ENGINE — CYLINDER BARREL ASSY.

CYLINDER BARREL ASSY.



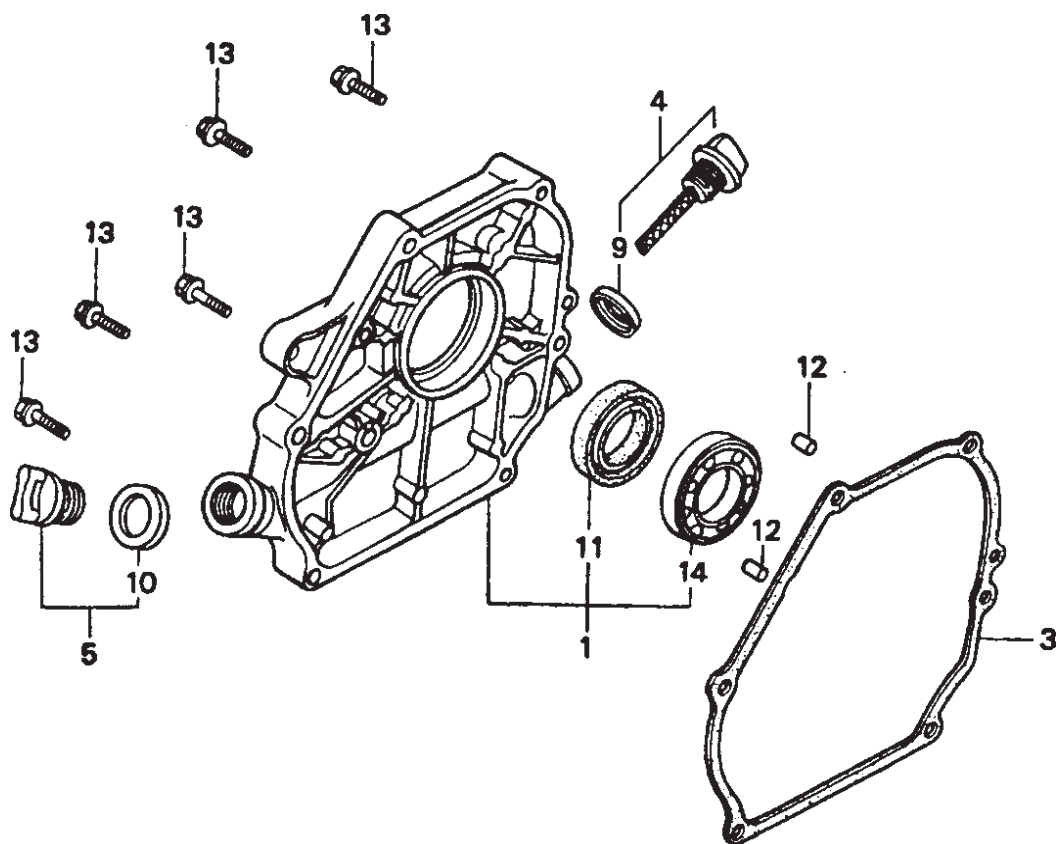
# HONDA GX160K1HX2 ENGINE — CYLINDER BARREL ASSY.

## CYLINDER BARREL ASSY.

| <u>NO</u> | <u>PART NO</u> | <u>PART NAME</u>                      | <u>QTY.</u> | <u>REMARKS</u>     |
|-----------|----------------|---------------------------------------|-------------|--------------------|
| 1         | 06165ZE1000    | GOVERNOR KIT .....                    | 1 .....     | INCLUDES ITEMS W/* |
| 2         | 12000ZH8811    | CYLINDER ASSY. BARREL OIL ALERT ..... | 1 .....     | INCLUDES ITEMS W%  |
| 3         | 15510ZE1023    | SWITCH ASSY. OIL LEVEL                | 1           |                    |
| 4*        | 16510ZE1000    | GOVERNOR ASSY. ....                   | 1 .....     | INCLUDES ITEMS/W#  |
| 5*#       | 16511ZE1000    | WEIGHT, GOVERNOR                      | 2           |                    |
| 7*#       | 16513ZE1000    | PIN, GOVERNOR WEIGHT                  | 2           |                    |
| 8*        | 16531ZE1000    | SLIDER, GOVERNOR                      | 1           |                    |
| 9         | 16541ZE1000    | SHAFT, GOVERNOR ARM                   | 1           |                    |
| 10        | 90131ZE1000    | BOLT, DRAIN PLUG                      | 2           |                    |
| 11*       | 90451ZE1000    | WASHER, THRUST 6MM                    | 1           |                    |
| 12        | 90601ZE1000    | WASHER, DRAIN PLUG 10.2MM             | 2           |                    |
| 13*       | 90602ZE1000    | CLIP, GOVERNOR HOLDER                 | 1           |                    |
| 14%       | 91001ZF1003    | BEARING, RADIAL BALL(6205)            | 1           |                    |
| 15%       | 91202883005    | OIL SEAL 25x41x6                      | 1           |                    |
| 16        | 91353671003    | O-RING 14MM ARAI                      | 1           |                    |
| 17        | 9405010000     | NUT, FLANGE 10MM                      | 1           |                    |
| 18,*      | 9410106800     | WASHER, PLAIN, 6MM                    | 2           |                    |
| 19        | 9425108000     | PIN, LOCK, 8MM                        | 1           |                    |
| 20        | 957010601200   | BOLT, FLANGE 6 x 12                   | 2           |                    |

## HONDA GX160K1HX2 ENGINE — CRANKCASE COVER ASSY.

CRANKCASE COVER ASSY.



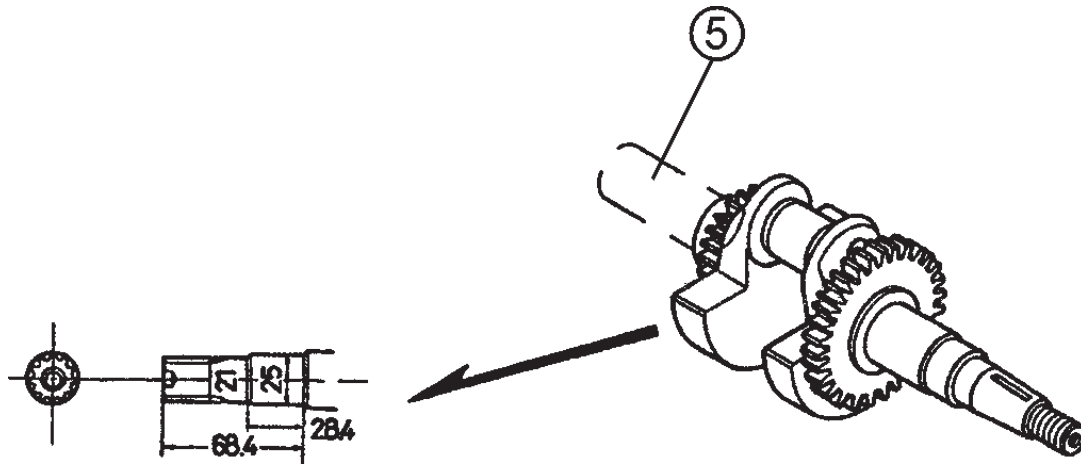
# HONDA GX160K1HX2 ENGINE — CRANKCASE COVER ASSY.

## CRANKCASE COVER ASSY.

| <b>NO</b> | <b>PART NO</b> | <b>PART NAME</b>                   | <b>QTY.</b> | <b>REMARKS</b>     |
|-----------|----------------|------------------------------------|-------------|--------------------|
| 1         | 11300ZE1633    | COVER ASSY, CRANKCASE (W TYPE) ... | 1           | INCLUDES ITEMS W/★ |
| 3         | 11381ZH8801    | GASKET CASE COVER                  | 1           |                    |
| 4         | 15600ZE1003    | CAP ASSY, OIL FILLER .....         | 1           | INCLUDES ITEMS W/# |
| 5         | 15600ZG4003    | CAP ASSY, OIL FILLER .....         | 1           | INCLUDES ITEMS W/% |
| 9#        | 15625ZE1003    | GASKET, OIL FILLER CAP             | 1           |                    |
| 10%       | 15625ZE1003    | GASKET, OIL FILLER CAP             | 1           |                    |
| 11★       | 91202883005    | OIL SEAL, 25X41X6                  | 1           |                    |
| 12        | 9430108140     | PIN A, DOWEL 8X14                  | 2           |                    |
| 13        | 957010803200   | BOLT, FLANGE 8X32                  | 6           |                    |
| 14★       | 961006205010   | BEARING, RADIAL BALL, 6205         | 1           |                    |

## HONDA GX160K1HX2 ENGINE — CRANKSHAFT ASSY.

CRANKSHAFT ASSY.



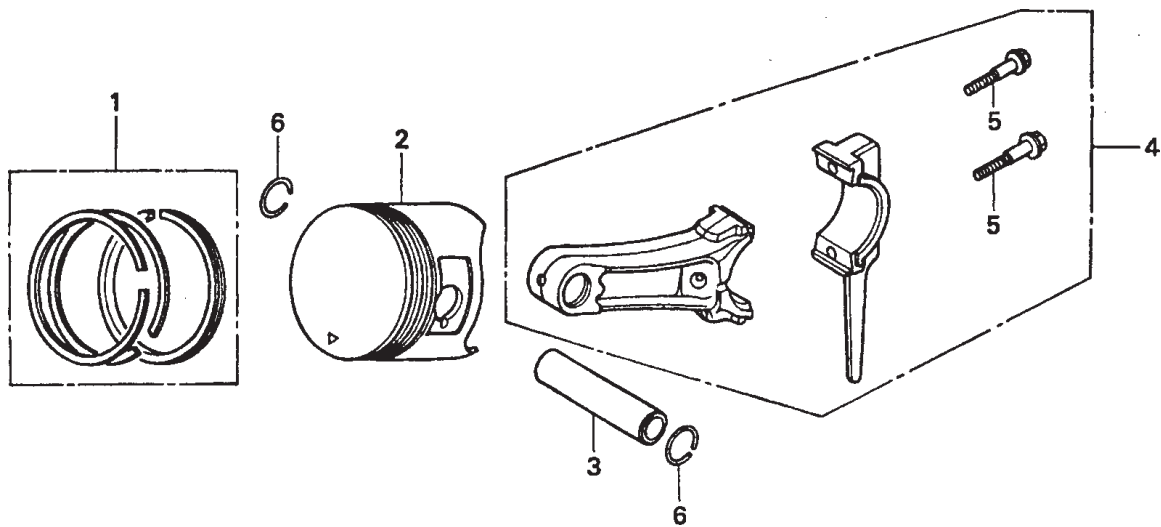
## HONDA GX160K1HX2 ENGINE — CRANKSHAFT ASSY.

CRANKSHAFT ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>     | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|----------------------|-------------|----------------|
| 5          | 13310ZE1621     | CRANKSHAFT (H- TYPE) | 1           |                |

## HONDA GX160K1HX2 ENGINE — PISTON ASSY.

PISTON ASSY.



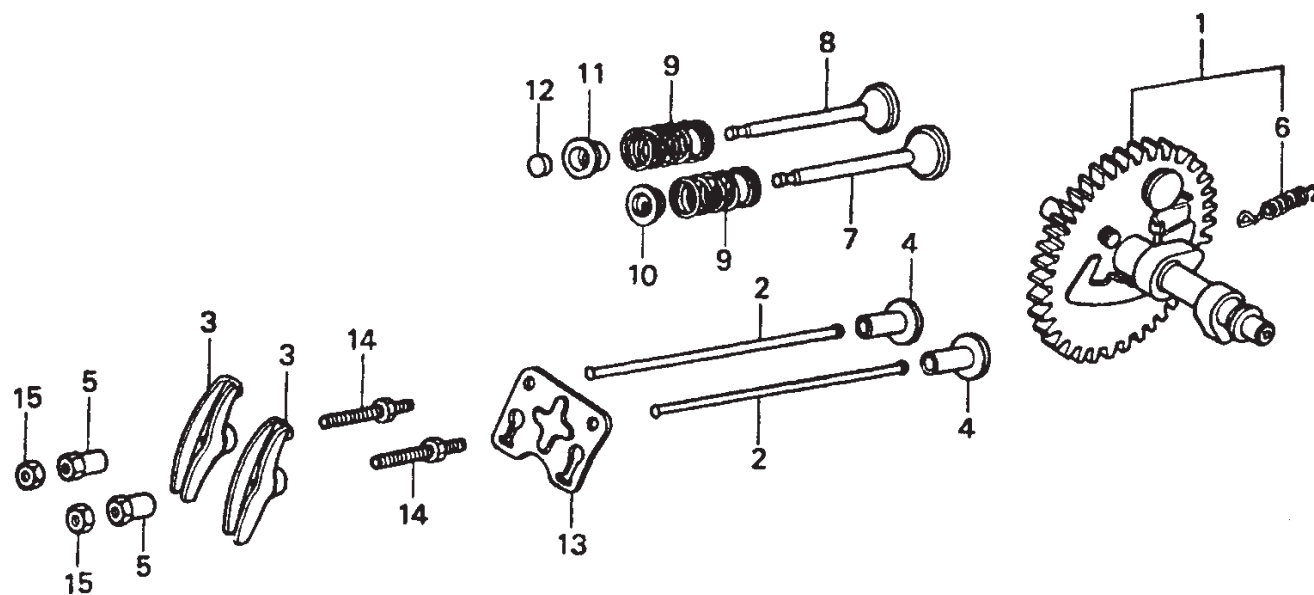
# HONDA GX160K1HX2 ENGINE — PISTON ASSY.

## PISTON ASSY.

| <u>NO</u> | <u>PART NO</u> | <u>PART NAME</u>           | <u>QTY.</u> | <u>REMARKS</u>     |
|-----------|----------------|----------------------------|-------------|--------------------|
| 1         | 13010ZF1023    | RING SET, PISTON (STD)     | 1           |                    |
| 1         | 13011ZF1023    | RING SET, PISTON (0.25)    | 1           |                    |
| 1         | 13012ZF1023    | RING SET, PISTON (0.50)    | 1           |                    |
| 1         | 13013ZF1023    | RING SET, PISTON (0.75)    | 1           |                    |
| 2         | 13101ZH8000    | PISTON (STD)               | 1           |                    |
| 2         | 13102ZH8000    | PISTON (0.25)              | 1           |                    |
| 2         | 13103ZH8000    | PISTON (0.50)              | 1           |                    |
| 2         | 13104ZH8000    | PISTON (0.75)              | 1           |                    |
| 3         | 13111ZE1000    | PIN, PISTON                | 1           |                    |
| 4         | 132A0ZE1000    | ROD ASSY, CONNECTING ..... | 1           | INCLUDES ITEMS W/* |
| 5*        | 90001ZE1000    | BOLT, CONNECTING ROD       | 2           |                    |
| 6         | 90551ZE1000    | CLIP, PISTON PIN, 18MM     | 2           |                    |

## HONDA GX160K1HX2 ENGINE — CAMSHAFT ASSY.

CAMSHAFT ASSY.



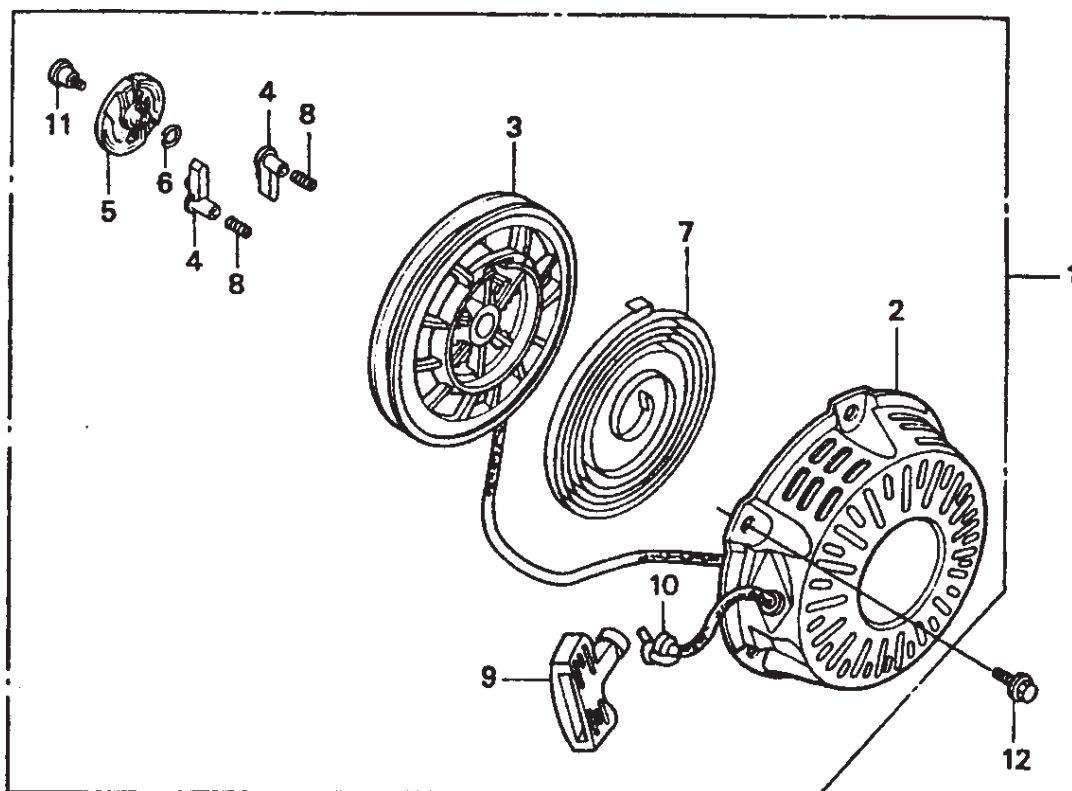
## HONDA GX160K1HX2 ENGINE — CAMSHAFT ASSY.

### CAMSHAFT ASSY.

| <u>NO</u> | <u>PART NO</u> | <u>PART NAME</u>           | <u>QTY.</u> | <u>REMARKS</u>     |
|-----------|----------------|----------------------------|-------------|--------------------|
| 1         | 14100ZE1812    | CAMSHAFT ASSY. ....        | 1           | INCLUDES ITEMS W/★ |
| 2         | 14410ZE1010    | ROD, PUSH                  | 2           |                    |
| 3         | 14431ZE1000    | ARM, VALVE ROCKER          | 2           |                    |
| 4         | 14441ZE1010    | LIFTER, VALVE              | 2           |                    |
| 5         | 14451ZE1013    | PIVOT, ROCKER ARM          | 2           |                    |
| 6★        | 14568ZE1000    | SPRING, WEIGHT RETURN      | 1           |                    |
| 7         | 14711ZF1000    | VALVE, IN.                 | 1           |                    |
| 8         | 14721ZF1000    | VALVE, EX.                 | 1           |                    |
| 9         | 14751ZF1000    | SPRING, VALVE              | 2           |                    |
| 10        | 14771ZE1000    | RETAINER, IN. VALVE SPRING | 1           |                    |
| 11        | 14773ZE1000    | RETAINER, EX. VALVE SPRING | 1           |                    |
| 12        | 14781ZE1000    | ROTATOR, VALVE             | 1           |                    |
| 13        | 14791ZE1010    | PLATE, PUSH ROD GUIDE      | 1           |                    |
| 14        | 90012ZE0010    | BOLT, PIVOT                | 2           |                    |
| 15        | 90206ZE1000    | NUT, PIVOT ADJUSTING       | 2           |                    |

## HONDA GX160K1HX2 ENGINE — RECOIL STARTER ASSY.

RECOIL STARTER ASSY.



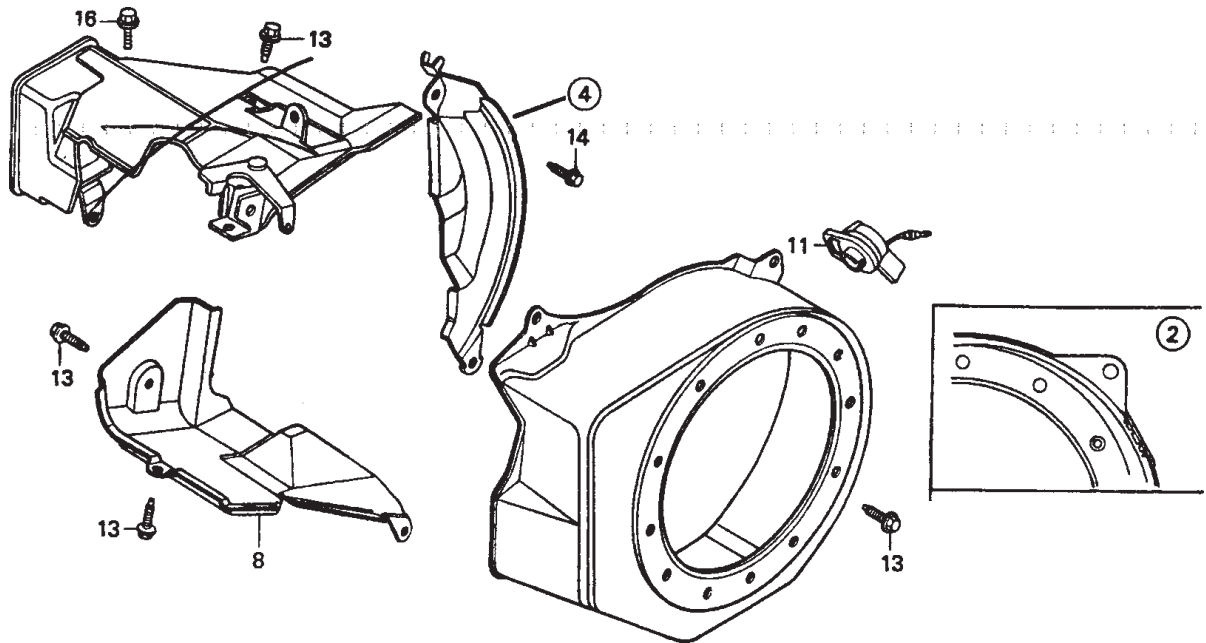
## HONDA GX160K1HX2 ENGINE — RECOIL STARTER ASSY.

### RECOIL STARTER ASSY.

| <b>NO</b> | <b>PART NO</b> | <b>PART NAME</b>                    | <b>QTY.</b> | <b>REMARKS</b>     |
|-----------|----------------|-------------------------------------|-------------|--------------------|
| 1         | 28400ZH8013ZB  | STARTER ASSY, RECOIL NH1(BLACK) ... | 1           | INCLUDES ITEMS W/★ |
| 2★        | 28410ZH8003ZB  | CASE COMP., RECOIL STARTER          | 1           |                    |
| 3★        | 28420ZH8013    | REEL, RECOIL STARTER                | 1           |                    |
| 4★        | 28422ZH8013    | RATCHET, STARTER                    | 2           |                    |
| 5★        | 28433ZH8003    | GUIDE, RATCHET                      | 1           |                    |
| 6★        | 28441ZH8003    | SPRING, FRICTION                    | 1           |                    |
| 7★        | 28442ZH8003    | SPRING, RECOIL STARTER              | 1           |                    |
| 8★        | 28443ZH8003    | SPRING, RETURN                      | 2           |                    |
| 9★        | 28461ZH8003    | KNOB, RECOIL STARTER                | 1           |                    |
| 10★       | 28462ZH8003    | ROPE, RECOIL STARTER                | 1           |                    |
| 11★       | 90003ZH8003    | SCREW, SETTING                      | 1           |                    |
| 12        | 957010600800   | BOLT, FLANGE 6X8                    | 3           |                    |

## HONDA GX160K1HX2 ENGINE — FAN COVER ASSY.

FAN COVER ASSY.



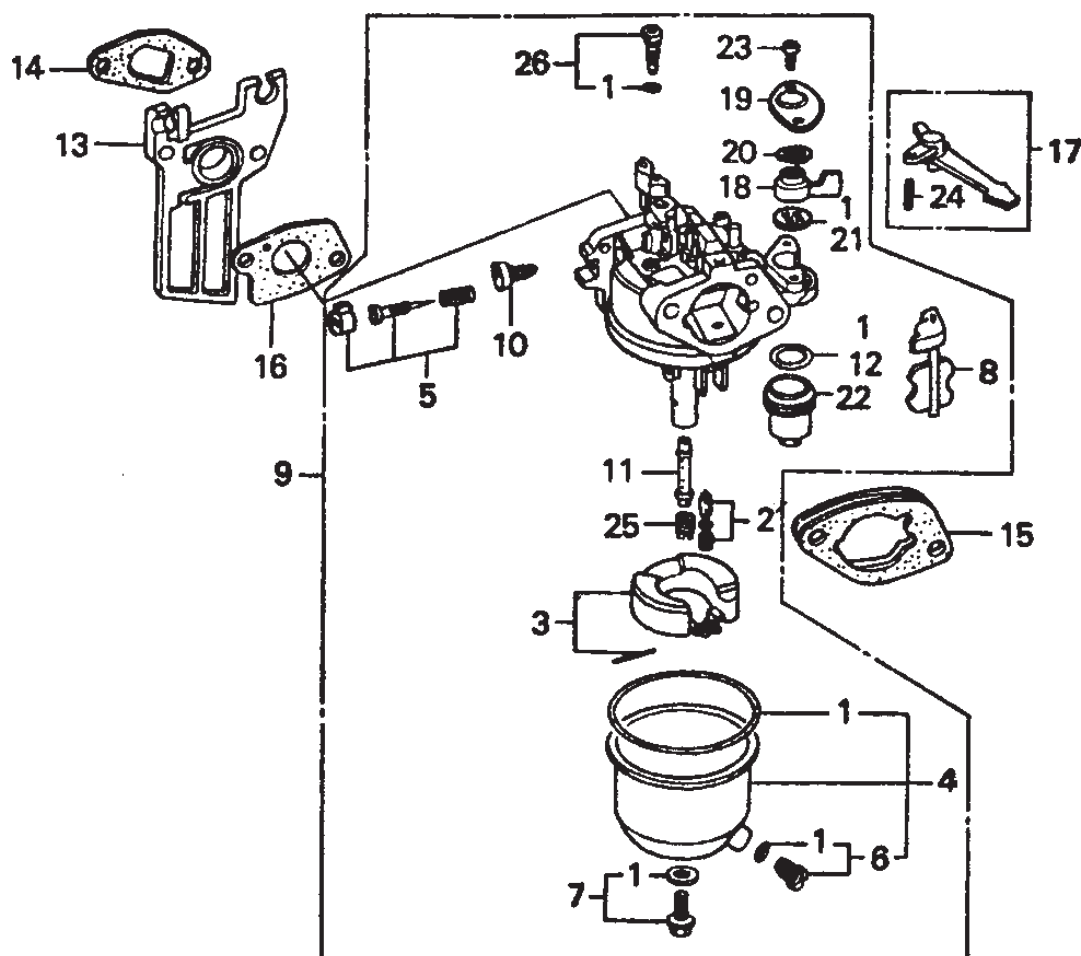
## HONDA GX160K1HX2 ENGINE — FAN COVER ASSY.

FAN COVER ASSY.

| <u>NO</u> | <u>PART NO</u> | <u>PART NAME</u>            | <u>QTY.</u> | <u>REMARKS</u> |
|-----------|----------------|-----------------------------|-------------|----------------|
| 2         | 19610ZE1000ZC  | COVER COMP., FAN NH1(BLACK) | 1           |                |
| 4         | 19612ZH8810    | PLATE, SIDE (STD)           | 1           |                |
| 7         | 90601ZH7013    | CLIP, HARNESS               | 1           |                |
| 8         | 19630ZH8000    | SHROUD COMP.                | 1           |                |
| 10        | 32197ZH8003    | SUB-HARNESS                 | 1           |                |
| 11        | 36100ZE1015    | SWITCH ASSY., ENGINE        | 1           |                |
| 14        | 90022888010    | BOLT, FLANGE 6X20           | 1           |                |

# HONDA GX160K1HX2 ENGINE — CARBURETOR ASSY.

CARBURETOR ASSY.



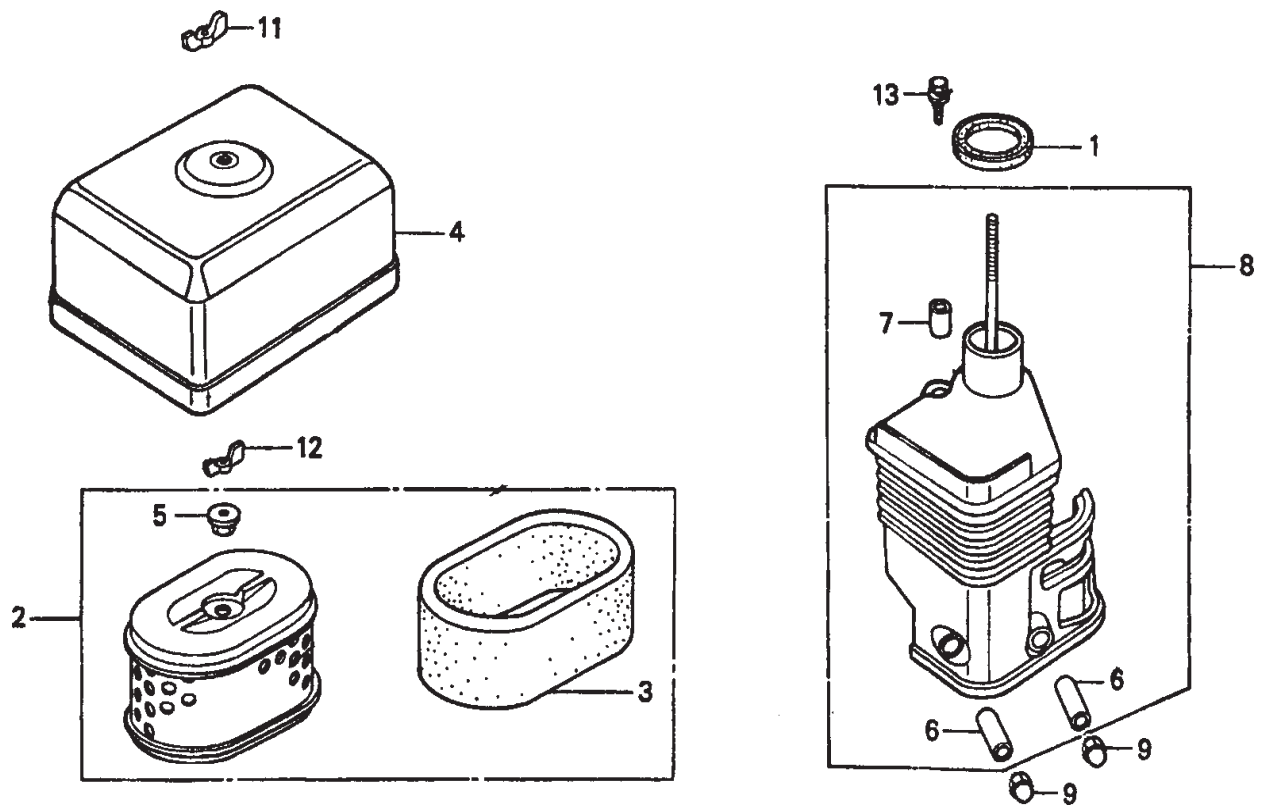
# HONDA GX160K1HX2 ENGINE — CARBURETOR ASSY.

## CARBURETOR ASSY.

| <u>NO</u> | <u>PART NO</u> | <u>PART NAME</u>               | <u>QTY.</u> | <u>REMARKS</u>     |
|-----------|----------------|--------------------------------|-------------|--------------------|
| 1*        | 16010ZE1812    | GASKET SET                     | 1           |                    |
| 2*        | 16011ZE0005    | VALVE SET, FLOAT               | 1           |                    |
| 3*        | 16013ZE0005    | FLOAT SET                      | 1           |                    |
| 4*        | 16015ZE0831    | CHAMBER SET, FLOAT .....       | 1           | INCLUDES ITEMS W/% |
| 5*        | 16016ZH7W01    | SCREW SET                      | 1           |                    |
| 6*%       | 16024ZE1811    | SCREW SET DRAIN                | 1           |                    |
| 7*        | 16028ZE0005    | SCREW SET B                    | 1           |                    |
| 8*        | 16044ZE0005    | CHOKE SET                      | 1           |                    |
| 9         | 16100ZH8W51    | CARBURETOR ASSY (BE65B) .....  | 1           | INCLUDES ITEMS W/* |
| 10*       | 16124ZE0005    | SCREW, THROTTLE STOP           | 1           |                    |
| 11*       | 16166ZH8W50    | NOZZLE, MAIN                   | 1           |                    |
| 12*       | 16955283000    | GASKET, FULL STRAINER CUP      | 1           |                    |
| 13        | 162111ZE1000   | INSULATOR CARBURETOR           | 1           |                    |
| 14        | 16212ZH8800    | GASKET, INSULATOR              | 1           |                    |
| 15        | 16220ZE1020    | SPACER COMP. CARBURETOR        | 1           |                    |
| 16        | 16221ZH8801    | GASKET CARBURETOR              | 1           |                    |
| 17        | 16610ZE1000    | LEVER COMP., CHOKE (STD) ..... | 1           | INCLUDES ITEMS W/# |
| 18*       | 16953ZE1406    | LEVER VALVE                    | 1           |                    |
| 19*       | 16954ZE1812    | PLATE LEVER SETTING            | 1           |                    |
| 20*       | 16956ZE1811    | SPRING, PETCOCK LEVER          | 1           |                    |
| 21*       | 16957ZE1812    | GASKET, PETCOCK                | 1           |                    |
| 22*       | 16967ZE0811    | CUP, FUEL STRAINER             | 1           |                    |
| 23*       | 93500030060H   | SCREW, PAN 3X6                 | 2           |                    |
| 24#       | 9430520122     | PIN, SPRING 2X12               | 1           |                    |
| 25*       | 99101ZH70650   | JET, MAIN #65                  | 1           |                    |
| 25*       | 99101ZH70680   | JET, MAIN #68                  | 1           |                    |
| 25*       | 99101ZH70700   | JET, MAIN #70                  | 1           |                    |
| 26*       | 99204ZE00350   | JET SET, PILOT #35             | 1           |                    |

## HONDA GX160K1HX2 ENGINE — AIR CLEANER ASSY.

AIR CLEANER ASSY.



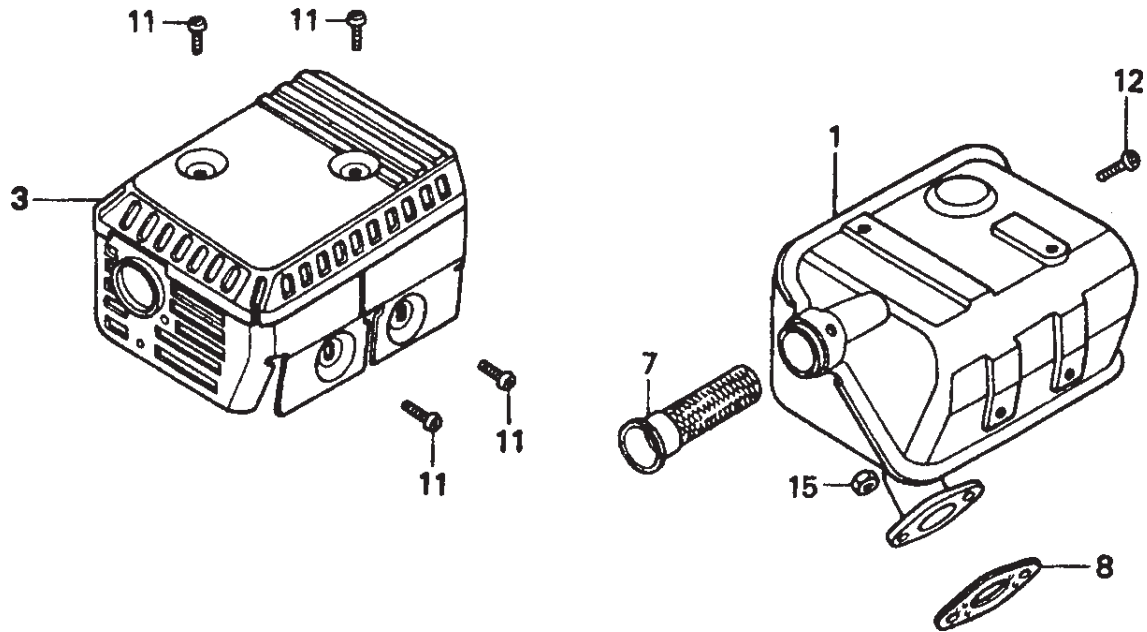
## HONDA GX160K1HX2 ENGINE — AIR CLEANER ASSY.

### AIR CLEANER ASSY.

| <u>NO</u> | <u>PART NO</u> | <u>PART NAME</u>               | <u>QTY.</u> | <u>REMARKS</u>     |
|-----------|----------------|--------------------------------|-------------|--------------------|
| 1         | 16271ZE1000    | GASKET ELBOW                   | 1           |                    |
| 2         | 17210ZE1505    | AIR CLEANER ELEMENT DUAL ..... | 1 .....     | INCLUDES ITEMS W/# |
| 3#        | 17218ZE1821    | FILTER OUTER                   | 1           |                    |
| 4         | 17230ZE1820    | COVER AIR CLEANER DUAL         | 1           |                    |
| 5#        | 17232891000    | GROMMET, AIR CLEANER           | 1           |                    |
| 6*        | 17238ZE7010    | COLLAR, AIR CLEANER            | 1           |                    |
| 7*        | 17239ZE1000    | COLLAR B, AIR CLEANER          | 1           |                    |
| 8         | 17410ZE1020    | ELBOW COMP. AIR CLEANER .....  | 1 .....     | INCLUDES ITEMS W/* |
| 9         | 90201415000    | NUT CAP 6MM                    | 2           |                    |
| 11        | 90325044000    | NUT WING TOOL BOX SETTING      | 1           |                    |
| 12        | 90325044000    | NUT WING TOOL BOX SETTING      | 1           |                    |
| 13        | 957010602000   | BOLT FLANGE 6 x 20             | 1           |                    |

## HONDA GX160K1HX2 ENGINE — MUFFLER ASSY.

MUFFLER ASSY.



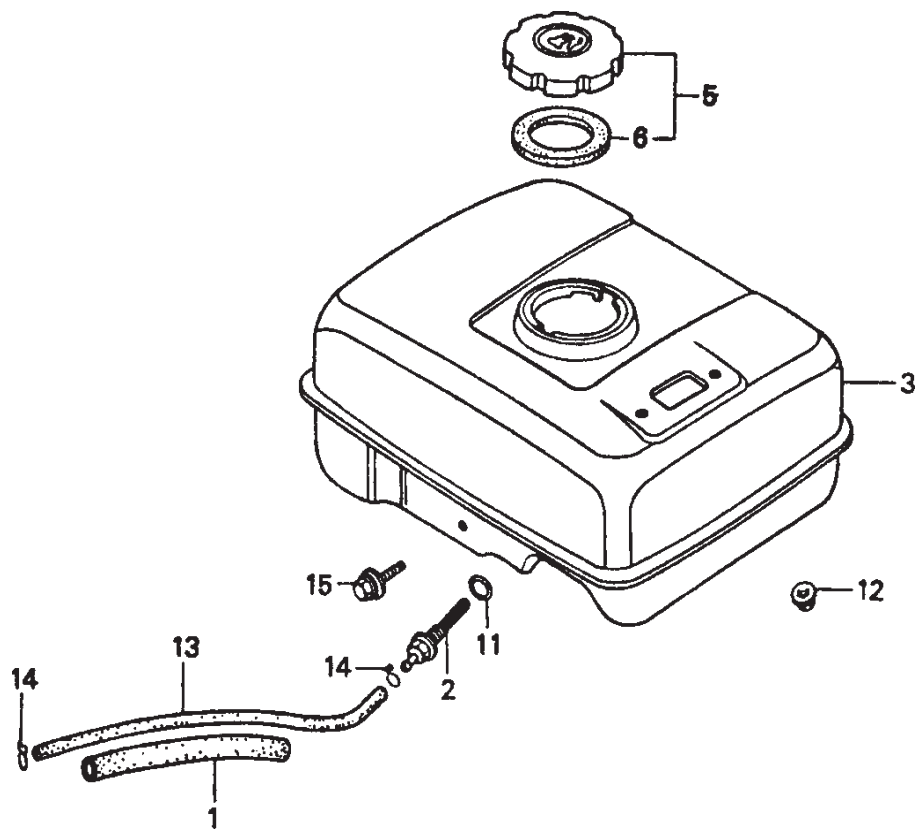
## HONDA GX160K1HX2 ENGINE — MUFFLER ASSY.

### MUFFLER ASSY.

| <u>NO</u> | <u>PART NO</u> | <u>PART NAME</u>   | <u>QTY.</u> | <u>REMARKS</u> |
|-----------|----------------|--------------------|-------------|----------------|
| 1         | 18310ZH8810    | MUFFLER COMP.      | 1           |                |
| 3         | 18320ZF1H01    | PROTECTOR, MUFFLER | 1           |                |
| 7         | 18355ZE1000    | ARRESTER, SPARK    | 1           |                |
| 8         | 18381ZH8800    | GASKET, MUFFLER    | 1           |                |
| 11        | 90050ZE1000    | SCREW, TAPPING 5X8 | 4           |                |
| 12        | 90055ZE1000    | SCREW, TAPPING 4X6 | 1           |                |
| 15        | 94001080000S   | NUT, HEX (8MM)     | 2           |                |

## HONDA GX160K1HX2 ENGINE — FUEL TANK ASSY.

FUEL TANK ASSY.



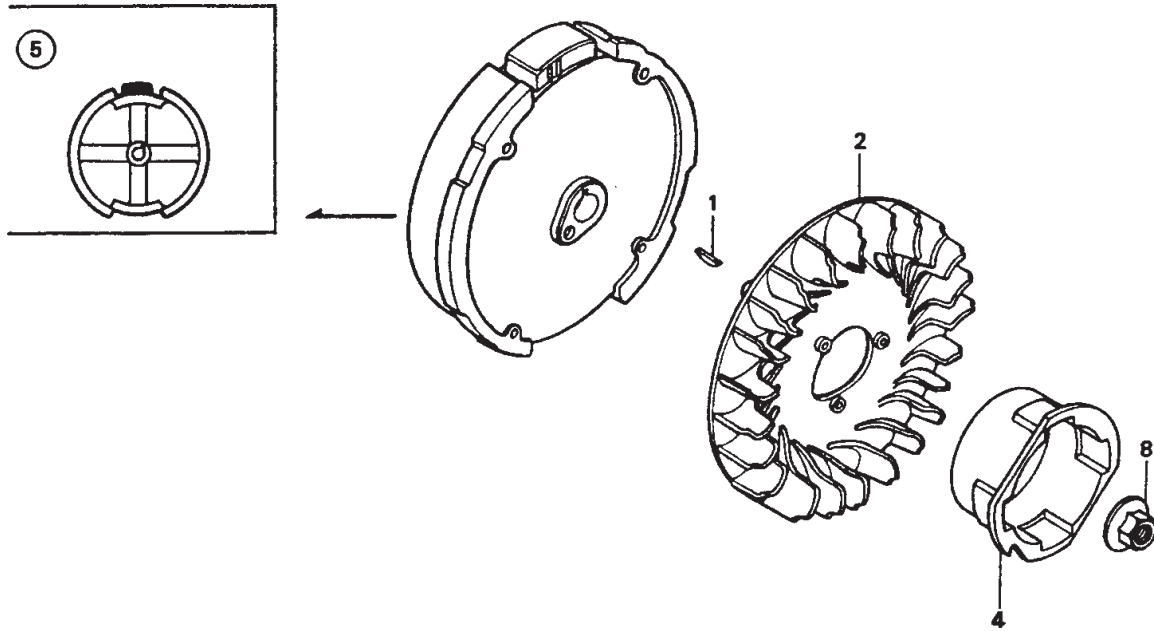
## HONDA GX160K1HX2 ENGINE — FUEL TANK ASSY.

### FUEL TANK ASSY.

| <u>NO</u> | <u>PART NO</u> | <u>PART NAME</u>                     | <u>QTY.</u> | <u>REMARKS</u>     |
|-----------|----------------|--------------------------------------|-------------|--------------------|
| 1         | 16854ZH8000    | RUBBER, SUPPORTER                    | 1           |                    |
| 2         | 16955ZE1000    | JOINT, FUEL TANK                     | 1           |                    |
| 3         | 17510ZE1020ZF  | TANK COMP., FUEL NH1 (BLACK)         | 1           |                    |
| 5         | 17620ZH7013    | CAP COMP., FUEL FILLER .....         | 1           | INCLUDES ITEMS W/# |
| 6#        | 17631ZH7003    | GASKET, FUEL FILLER CAP              | 1           |                    |
| 11        | 91353671003    | O-RING (14MM) ARAI                   | 1           |                    |
| 12        | 9405006000     | NUT, FLANGE (6MM)                    | 2           |                    |
| 13        | 950014500840M  | BULK HOSE, FUEL (4.5X8000) (4.5X140) | 1           |                    |
| 14        | 9500202080     | CLIP, TUBE (B8)                      | 2           |                    |
| 15        | 957010602500   | BOLT, FLANGE (6X25)                  | 1           |                    |

## HONDA GX160K1HX2 ENGINE — FLYWHEEL ASSY.

FLYWHEEL ASSY.



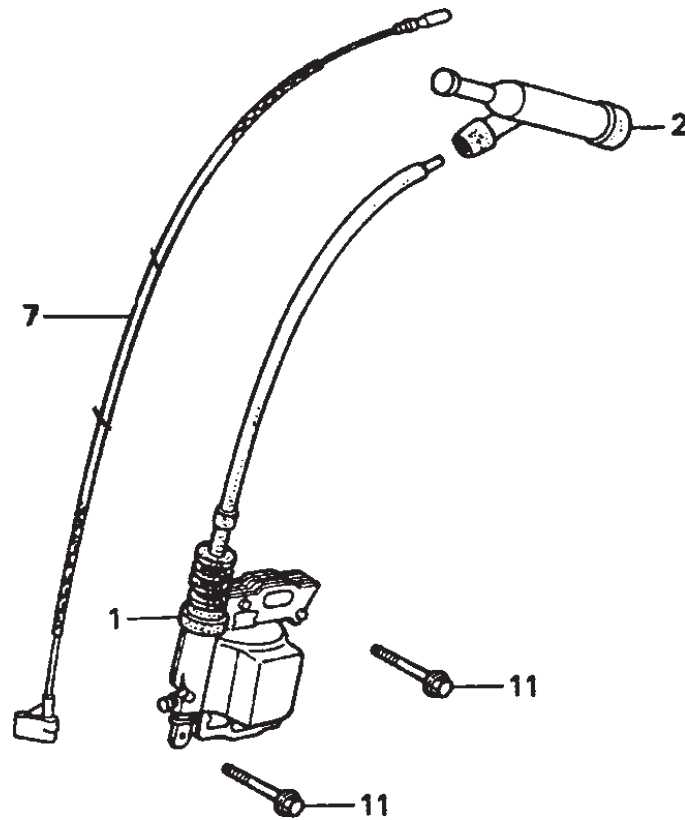
## HONDA GX160K1HX2 ENGINE — FLYWHEEL ASSY.

FLYWHEEL ASSY.

| <u>NO</u> | <u>PART NO</u> | <u>PART NAME</u>              | <u>QTY.</u> | <u>REMARKS</u> |
|-----------|----------------|-------------------------------|-------------|----------------|
| 1         | 13331357000    | KEY, SPECIAL WOOD RUFF, 25X18 | 1           |                |
| 2         | 19511ZE1000    | FAN, COOLING                  | 1           |                |
| 4         | 28451ZH8003    | PULLEY STARTER                | 1           |                |
| 5         | 31100ZE1000    | FLYWHEEL COMP.                | 1           |                |
| 8         | 90201878003    | NUT, SPECIAL, 14MM            | 1           |                |

## HONDA GX160K1HX2 ENGINE — IGNITION COIL ASSY.

IGNITION COIL ASSY.



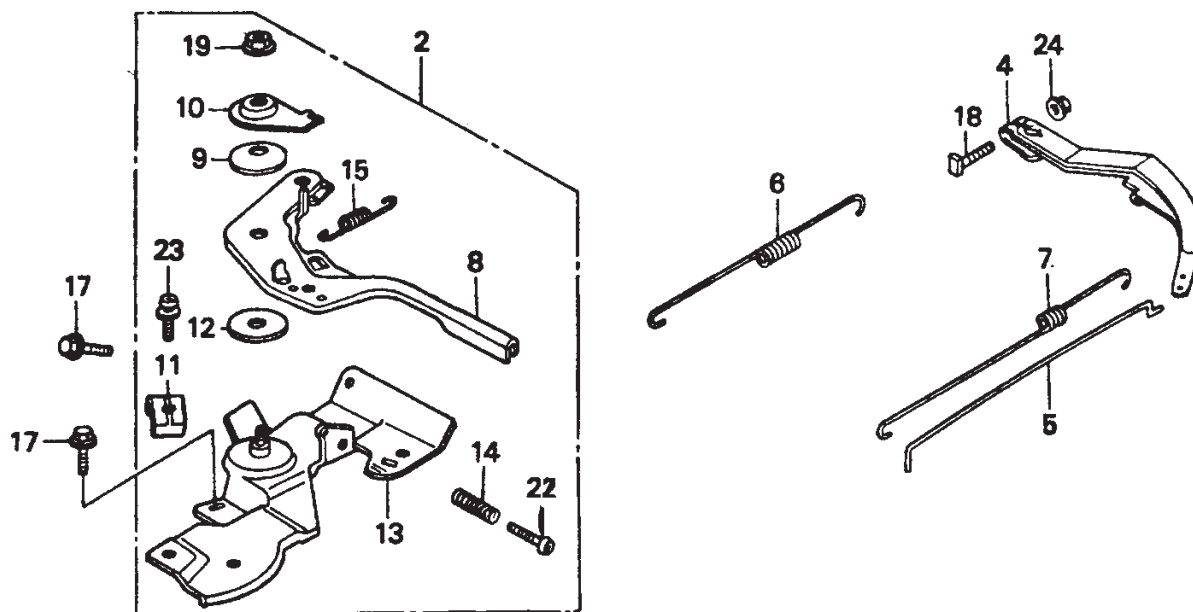
## HONDA GX160K1HX2 ENGINE — IGNITION COIL ASSY.

IGNITION COIL ASSY.

| <u>NO</u> | <u>PART NO</u> | <u>PART NAME</u>            | <u>QTY.</u> | <u>REMARKS</u> |
|-----------|----------------|-----------------------------|-------------|----------------|
| 1         | 30500ZE1033    | COIL ASSY., IGNITION        | 1           |                |
| 2         | 30700ZE1013    | CAP ASSY., NOISE SUPPRESSOR | 1           |                |
| 7         | 36101ZE1010    | WIRE, STOP SWITCH (370MM)   | 1           |                |
| 11        | 90121952000    | BOLT, FLANGE, 6X25          | 2           |                |

## HONDA GX160K1HX2 ENGINE — CONTROL ASSY.

CONTROL ASSY.



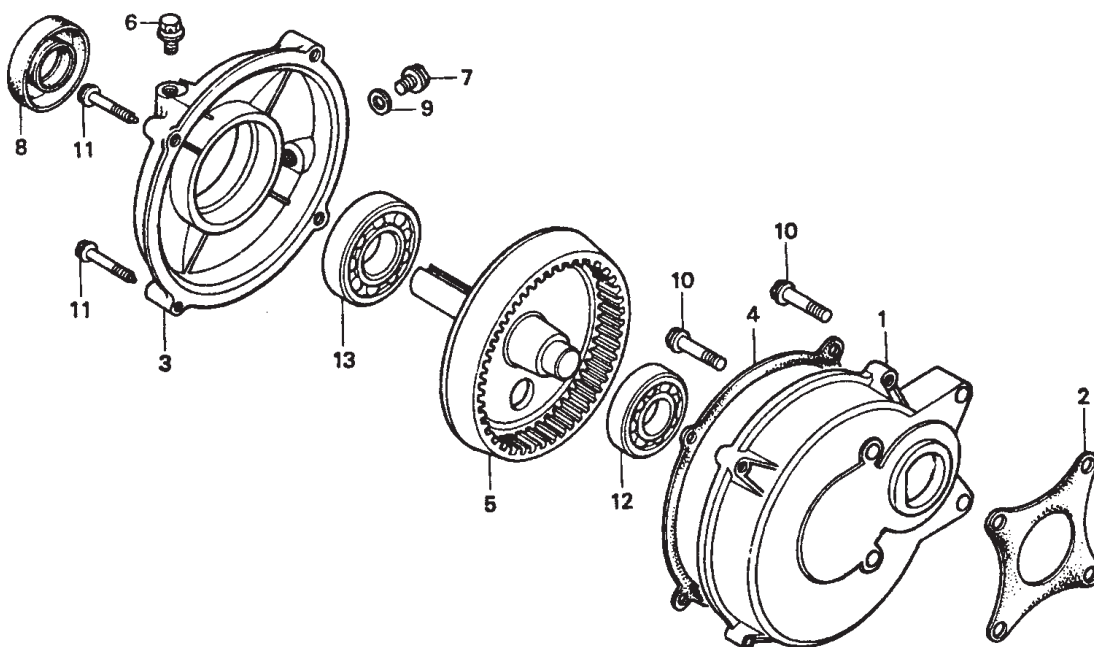
# HONDA GX160K1HX2 ENGINE — CONTROL ASSY.

## CONTROL ASSY.

| <u>NO</u> | <u>PART NO</u> | <u>PART NAME</u>            | <u>QTY.</u> | <u>REMARKS</u>     |
|-----------|----------------|-----------------------------|-------------|--------------------|
| 2         | 16500ZH8821    | CONTROL ASSY., REMOTE ..... | 1           | INCLUDES ITEMS W/★ |
| 4         | 16551ZE0010    | ARM, GOVERNOR               | 1           |                    |
| 5         | 16555ZE1000    | ROD, GOVERNOR               | 1           |                    |
| 6         | 16561ZE1020    | SPRING, GOVERNOR            | 1           |                    |
| 7         | 16562ZE1020    | SPRING, THROTTLE RETURN     | 1           |                    |
| 8★        | 16571ZH8000    | LEVER, CONTROL              | 1           |                    |
| 9★        | 16574ZE1000    | SPRING, LEVER               | 1           |                    |
| 10★       | 16575ZH8000    | WASHER, CONTROL LEVER       | 1           |                    |
| 11★       | 16576891000    | HOLDER, CABLE               | 1           |                    |
| 12★       | 16578ZE1000    | SPACER, CONTROL LEVER       | 1           |                    |
| 13★       | 16580ZH8811    | BASE COMP., CONTROL         | 1           |                    |
| 14★       | 16584883300    | SPRING, CONTROL ADJUSTING   | 1           |                    |
| 15★       | 16592ZE1810    | SPRING, CABLE RETURN        | 1           |                    |
| 17        | 90013883000    | BOLT, FLANGE (6X12)         | 2           |                    |
| 18        | 90015ZE5010    | BOLT, GOVERNOR ARM          | 1           |                    |
| 19★       | 90114SA0000    | NUT, SELF- LOCK (6MM)       | 1           |                    |
| 22★       | 93500050250H   | SCREW, PAN (5X25)           | 1           |                    |
| 23★       | 938930501600   | SCREW WASHER (5X16)         | 1           |                    |
| 24        | 9405006000     | NUT, FLANGE, 6MM            | 1           |                    |

## HONDA GX160K1HX2 ENGINE — GEAR REDUCTION ASSY.

GEAR REDUCTION ASSY.



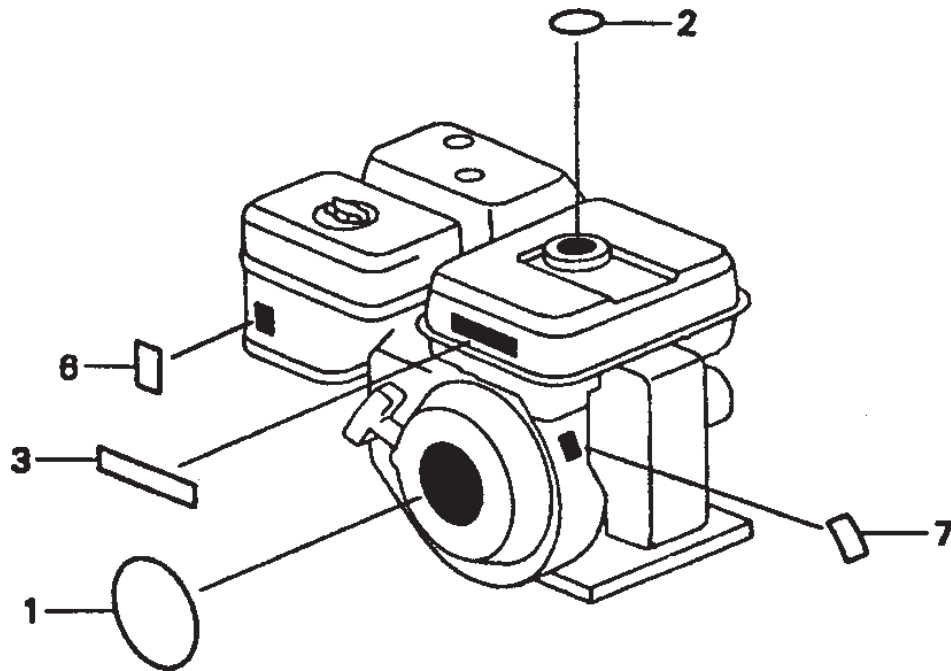
## HONDA GX160K1HX2 ENGINE — GEAR REDUCTION ASSY.

### GEAR REDUCTION ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>          | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|---------------------------|-------------|----------------|
| 1          | 21521883741     | CASE, REDUCTION           | 1           |                |
| 2          | 21591ZH8740     | GASKET, REDUCTION CASE    | 1           |                |
| 3          | 21621883741     | COVER, REDUCTION          | 1           |                |
| 4          | 21692ZH8800     | GASKET, REDUCTION COVER   | 1           |                |
| 5          | 23710883740     | SHAFT, P.T.O.             | 1           |                |
| 6          | 90002883740     | BOLT, BREATHING           | 1           |                |
| 7          | 90131883000     | BOLT, DRAIN PLUG          | 1           |                |
| 8          | 91202883005     | OIL SEAL, 25 x 41 x 6     | 1           |                |
| 9          | 9410912000      | WASHER, DRAIN PLUG        | 1           |                |
| 10         | 957010803208    | BOLT, FLANGE 8 x 32       | 1           |                |
| 11         | 957010803500    | BOLT, FLANGE 8 x 35       | 1           |                |
| 12         | 961006204000    | BEARING, RADIAL BALL 6204 | 1           |                |
| 13         | 961006305000    | BEARING, RADIAL BALL 6305 | 1           |                |

## HONDA GX160K1HX2 ENGINE — LABEL ASSY.

LABEL ASSY.



## HONDA GX160K1HX2 ENGINE — LABEL ASSY.

ENGINE LABELS ASSY.

| <u>NO.</u> | <u>PART NO.</u> | <u>PART NAME</u>                | <u>QTY.</u> | <u>REMARKS</u> |
|------------|-----------------|---------------------------------|-------------|----------------|
| 1          | 87521ZH8020     | ENBLEM 5.5                      | 1           |                |
| 3          | 87522ZH9000     | LABEL, CAUTION                  | 1           |                |
| 6          | 87528ZE1810     | MARK, CHOKE                     | 1           |                |
| 7          | 87530ZH8810     | LABEL, SPECIFICATION (EXTERNAL) | 1           |                |
| 8          | 87532ZH8810     | MARK, OIL ALERT (E)             | 1           |                |
| 15         | 887586ZH7W00    | LABEL, FUEL CAUTION             | 1           |                |