



---

**AVAILABLE ATTACHMENTS & ACCESSORIES**

**Attachments**

99945100010 Debris Deflector Shield

**Maintenance and Repair Kits**

90086 Cutting Head Assembly - 40"

**PARTS CATALOG**  
**HC-233 HEDGE**  
**CLIPPER**

**22.8cc**

**MODEL: SERIAL NUMBERS**

**HC-233: S/N 02001001 - 02999999**

---

***ECHO, INCORPORATED***

400 Oakwood Road Lake Zurich, Illinois 60047 USA

WWW.ECHO-USA.COM



# Table of Contents

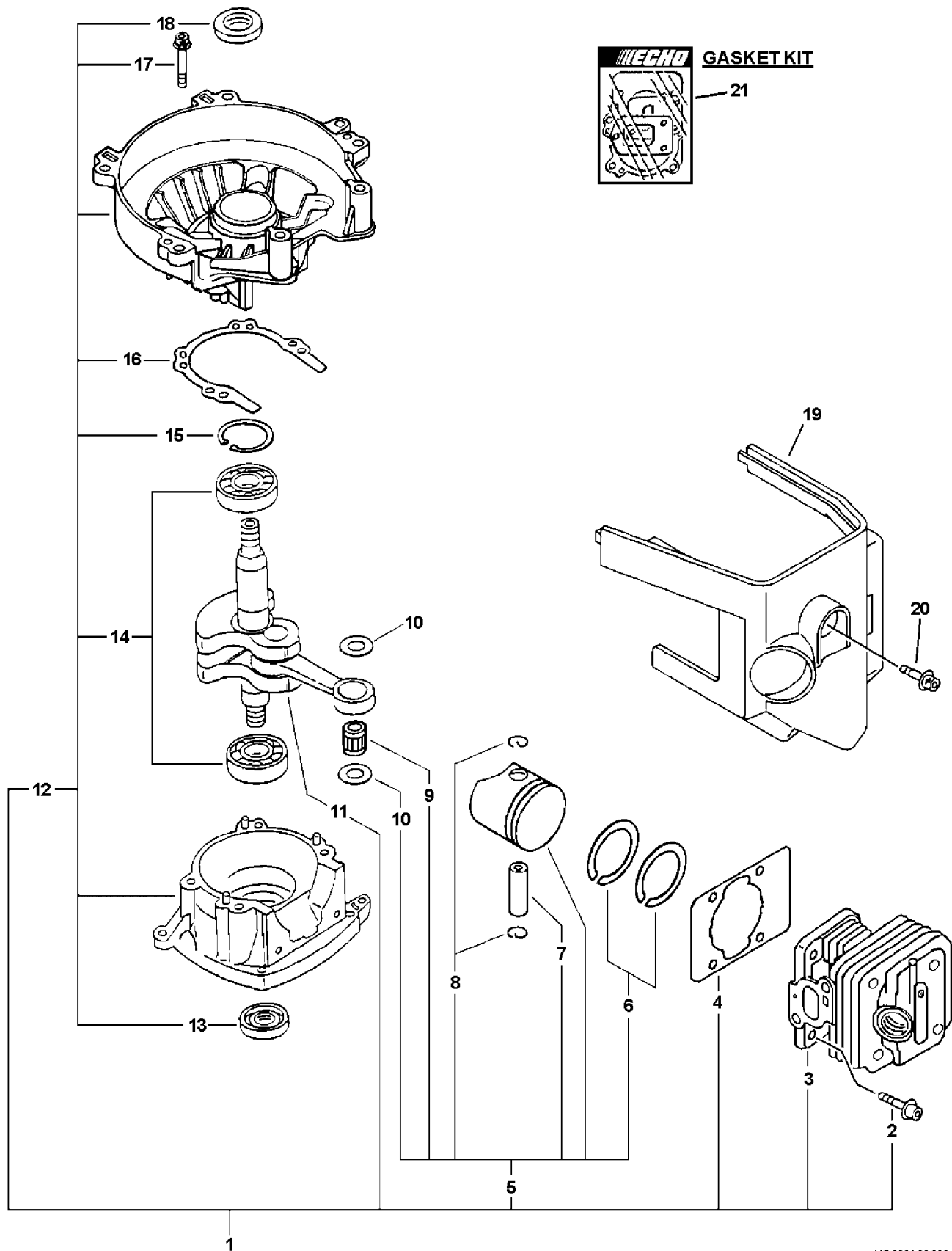
---

Click Any Diagram Description Below To View That Diagram.

## **HC-233 S/N 02001001 - 02999999**

|                                            |    |
|--------------------------------------------|----|
| Engine, Short Block, Cylinder Cover.....   | 4  |
| Fan Case, Ignition, Clutch.....            | 6  |
| Fuel System.....                           | 8  |
| Intake, Exhaust.....                       | 10 |
| Carburetor -- WYJ-258.....                 | 12 |
| Handle, Stop Switch, Throttle Cable.....   | 14 |
| Blades, Gear Case, Side Handle, Tools..... | 16 |
| <br>                                       |    |
| Part Number Index.....                     | 18 |
| Part Description Index.....                | 19 |
| Service Publications.....                  | 3  |

***This Page Intentionally Left Blank***



HC 0001 00 000

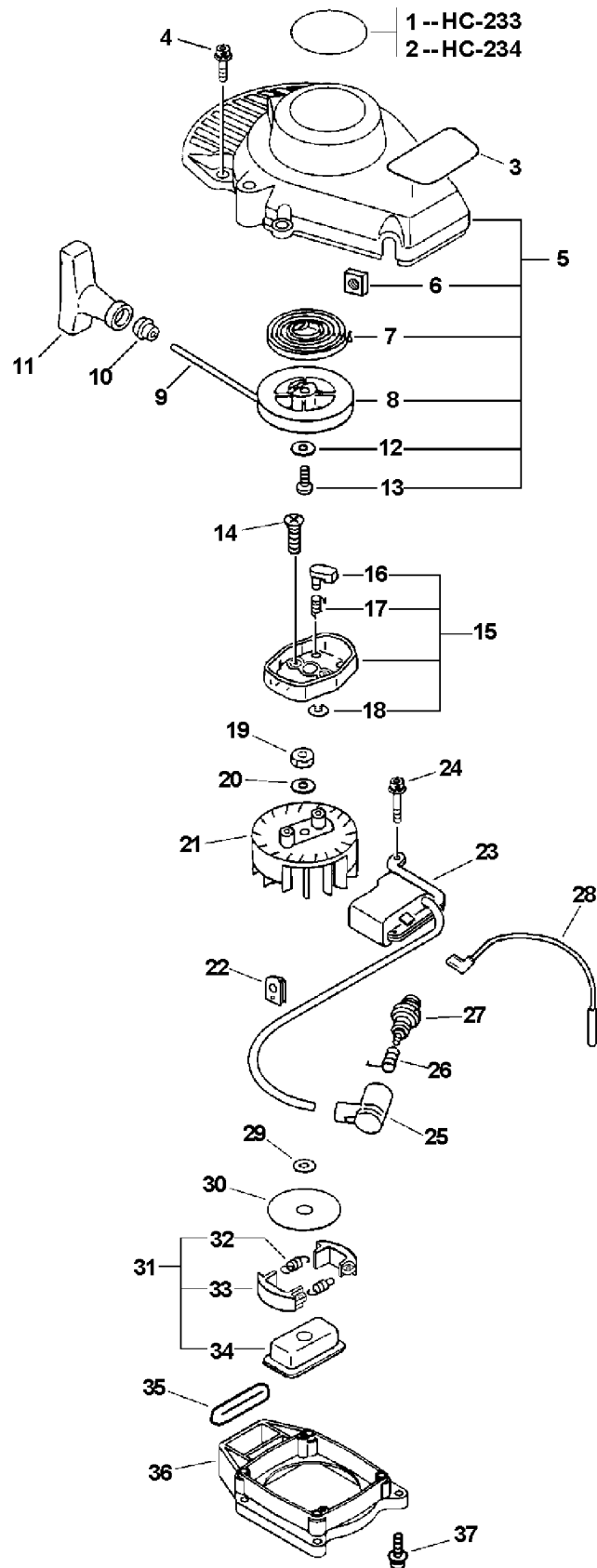
**HC-233 HEDGE CLIPPER**
**Engine, Short Block, Cylinder Cover**

| ITEM | PART NUMBER | QTY | DESCRIPTION                    | REMARKS              |
|------|-------------|-----|--------------------------------|----------------------|
| 1    | SB1046      | 1   | SHORT BLOCK <sup>1</sup>       | INCLUDES ITEM 2-18   |
| 2    | 90016205022 | 4   | BOLT 5X22                      |                      |
| 3    | A130000074  | 1   | CYLINDER                       |                      |
| 4    | V100000010  | 1   | GASKET, CYLINDER <sup>2</sup>  |                      |
| 5    | P021001080  | 1   | PISTON KIT                     | INCLUDES ITEMS 6-10  |
| 6    | A101000000  | 2   | RING, PISTON                   |                      |
| 7    | 10001311520 | 1   | PIN, PISTON                    |                      |
| 8    | 10001504630 | 2   | CIRCLIP, PISTON PIN            |                      |
| 9    | 10001255930 | 1   | BEARING, NEEDLE                |                      |
| 10   | 10001455930 | 2   | SPACER, PISTON PIN             |                      |
| 11   | A011000060  | 1   | CRANKSHAFT ASY                 |                      |
| 12   | P021001090  | 1   | CRANKCASE KIT                  | INCLUDES ITEMS 13-18 |
| 13   | 10021305530 | 1   | OIL SEAL                       |                      |
| 14   | 90080036001 | 2   | BEARING, BALL                  |                      |
| 15   | 90070200028 | 1   | CIRCLIP 28                     |                      |
| 16   | 10024255930 | 1   | GASKET, CRANKCASE <sup>2</sup> |                      |
| 17   | 90016205025 | 4   | BOLT, 5X25                     |                      |
| 18   | 10021228230 | 1   | OIL SEAL                       |                      |
| 19   | A160000080  | 1   | COVER, CYLINDER                |                      |
| 20   | 9111005016  | 1   | BOLT 5X16                      |                      |
| 21   | P021002240  | 1   | GASKET KIT                     |                      |

**Footnotes**

**1:** OPTIONAL ENGINE REPOWER

**2:** Also Included In GASKET KIT



HC 0003 00 000

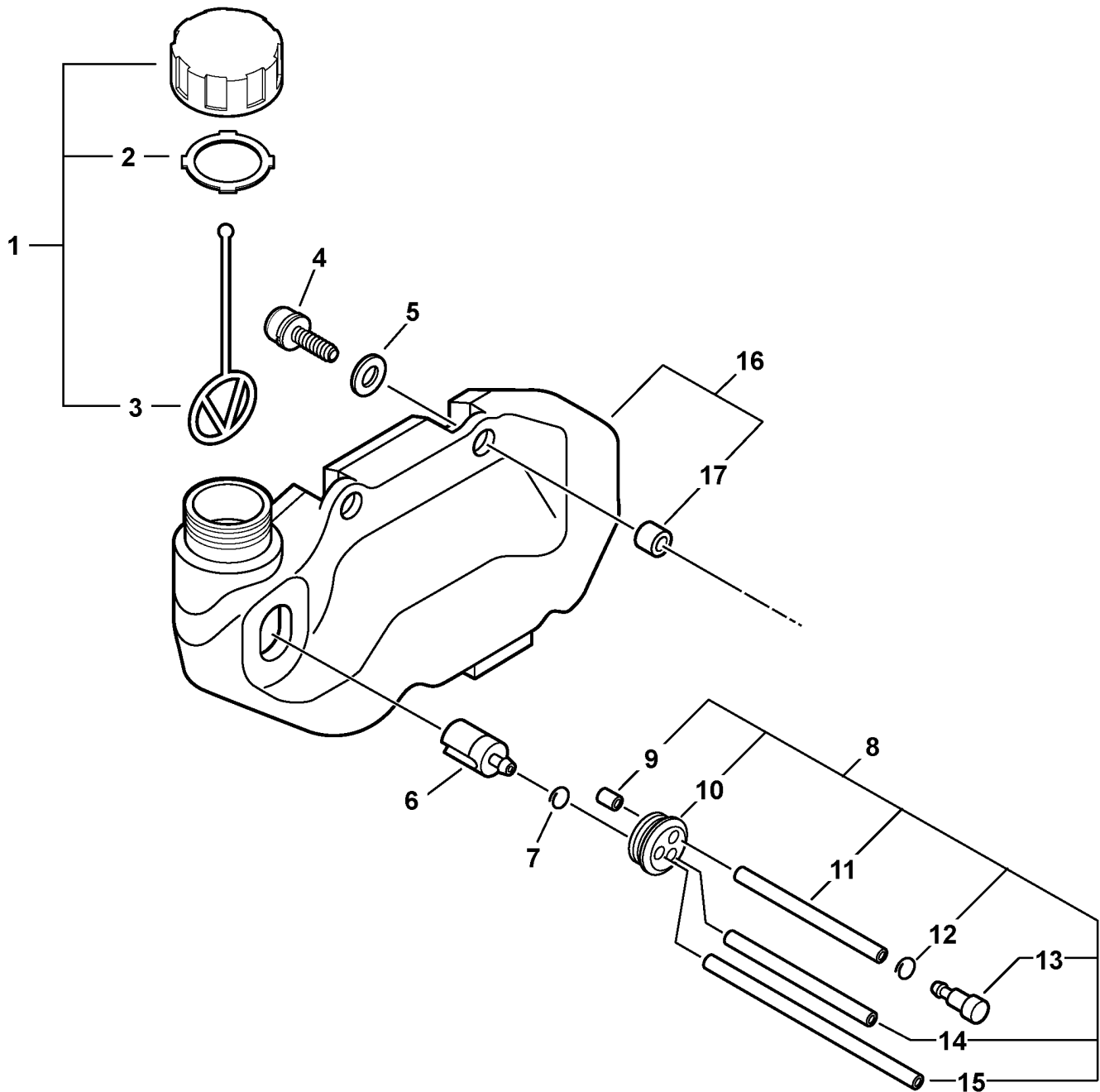
## HC-233 HEDGE CLIPPER

## Fan Case, Ignition, Clutch

| ITEM | PART NUMBER | QTY | DESCRIPTION                           | REMARKS              |
|------|-------------|-----|---------------------------------------|----------------------|
| 1    | X503001610  | 1   | LABEL, MODEL -- HC-233                |                      |
| 2    | X503001620  | 1   | LABEL, MODEL -- HC-234                |                      |
| 3    | X505000280  | 1   | LABEL, CAUTION                        |                      |
| 4    | 90016205016 | 4   | BOLT, 5X16                            |                      |
| 5    | A051000020  | 1   | STARTER ASY                           | INCLUDES ITEMS 6-13  |
| 6    | 90056500005 | 1   | SQUARE NUT                            |                      |
| 7    | 17722040630 | 1   | SPRING, REWIND                        |                      |
| 8    | 17721540630 | 1   | DRUM, STARTER                         |                      |
| 9    | 17722610120 | 1   | ROPE, STARTER - 3X1000mm <sup>1</sup> |                      |
| 10   | 17722742030 | 1   | GUIDE, ROPE                           |                      |
| 11   | 17722827030 | 1   | GRIP, STARTER                         |                      |
| 12   | 17721442030 | 1   | WASHER                                |                      |
| 13   | 17723644330 | 1   | SCREW                                 |                      |
| 14   | 90021206014 | 2   | SCREW 6X14                            |                      |
| 15   | A052000000  | 1   | STARTER PAWL ASY                      | INCLUDES ITEMS 16-18 |
| 16   | 17721840630 | 1   | PAWL, STARTER                         |                      |
| 17   | 17723411410 | 1   | SPRING, RETURN                        |                      |
| 18   | 90070000004 | 1   | E-RING 4                              |                      |
| 19   | 90051200008 | 1   | NUT 8                                 |                      |
| 20   | 90060000008 | 1   | WASHER 8                              |                      |
| 21   | A409000020  | 1   | FLYWHEEL                              |                      |
| 22   | 15611240630 | 1   | GROMMET                               |                      |
| 23   | A411000010  | 1   | COIL, IGNITION                        |                      |
| 24   | 90016205016 | 2   | BOLT 5X16                             |                      |
| 25   | 15901203433 | 1   | CAP, SPARK PLUG                       |                      |
| 26   | 15901103432 | 1   | COIL, SPARK PLUG CAP                  |                      |
| 27   | 99944500071 | 1   | PLUG, SPARK -- BPM-7Y                 |                      |
| 28   | 16201056430 | 1   | LEAD, GROUND                          |                      |
| 29   | 17521410130 | 1   | WASHER                                |                      |
| 30   | 17501904920 | 1   | PLATE, CLUTCH                         |                      |
| 31   | 17500002962 | 1   | CLUTCH ASY                            | INCLUDES ITEMS 32-34 |
| 32   | 17501805960 | 2   | SPRING, CLUTCH                        |                      |
| 33   | 17500905131 | 2   | SHOE, CLUTCH                          |                      |
| 34   | 17501607330 | 1   | HUB, CLUTCH                           |                      |
| 35   | 13192061830 | 1   | CUSHION, FUEL TANK                    |                      |
| 36   | A570000020  | 1   | CASE, CLUTCH                          |                      |
| 37   | 90016204014 | 4   | BOLT 4X14                             |                      |

## Footnotes

1: BULK OPTION: 99944440000



002 0001 A00

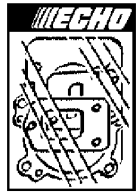


**HC-233 HEDGE CLIPPER**
**Fuel System**

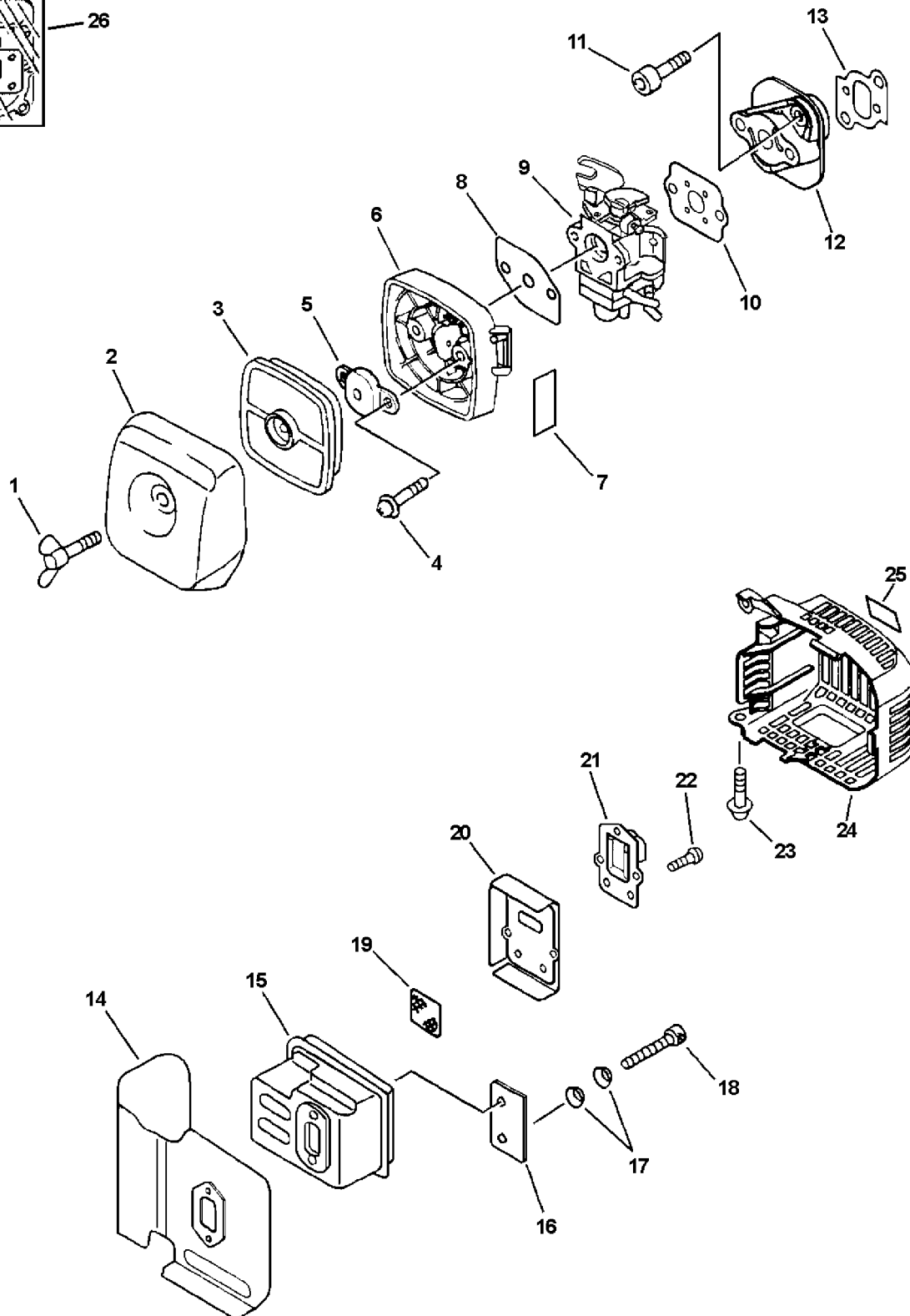
| ITEM | PART NUMBER | QTY | DESCRIPTION                           | REMARKS             |
|------|-------------|-----|---------------------------------------|---------------------|
| 1    | 13100455530 | 1   | FUEL TANK CAP ASY                     | INCLUDES ITEM 2-3   |
| 2    | 13101655830 | 1   | GASKET, FUEL CAP                      |                     |
| 3    | 13105156030 | 1   | CONNECTOR, FUEL CAP                   |                     |
| 4    | 90016205016 | 2   | BOLT 5X16                             |                     |
| 5    | 90060300005 | 2   | WASHER 5                              |                     |
| 6    | 13120519830 | 1   | FILTER, FUEL                          |                     |
| 7    | 13201309820 | 1   | CLIP                                  |                     |
| 8    | A034000000  | 1   | FUEL PIPE KIT                         | INCLUDES ITEMS 9-15 |
| 9    | 13201761830 | 2   | COLLAR 3                              |                     |
| 10   | 13211561830 | 1   | GROMMET, PIPE                         |                     |
| 11   | V471000150  | 1   | PIPE, VENT - 3X5X65mm <sup>1</sup>    |                     |
| 12   | 13011100530 | 1   | CLIP                                  |                     |
| 13   | A356000030  | 1   | VALVE, CHECK                          |                     |
| 14   | V471000131  | 1   | PIPE, RETURN - 3X5X170mm <sup>1</sup> |                     |
| 15   | V471000140  | 1   | PIPE, FUEL - 3X5X275mm <sup>1</sup>   |                     |
| 16   | A350000014  | 1   | TANK, FUEL                            | INCLUDES ITEM 17    |
| 17   | 13104528230 | 2   | COLLAR                                |                     |

**Footnotes**

**1:** BULK OPTION: 90014



**GASKET KIT**



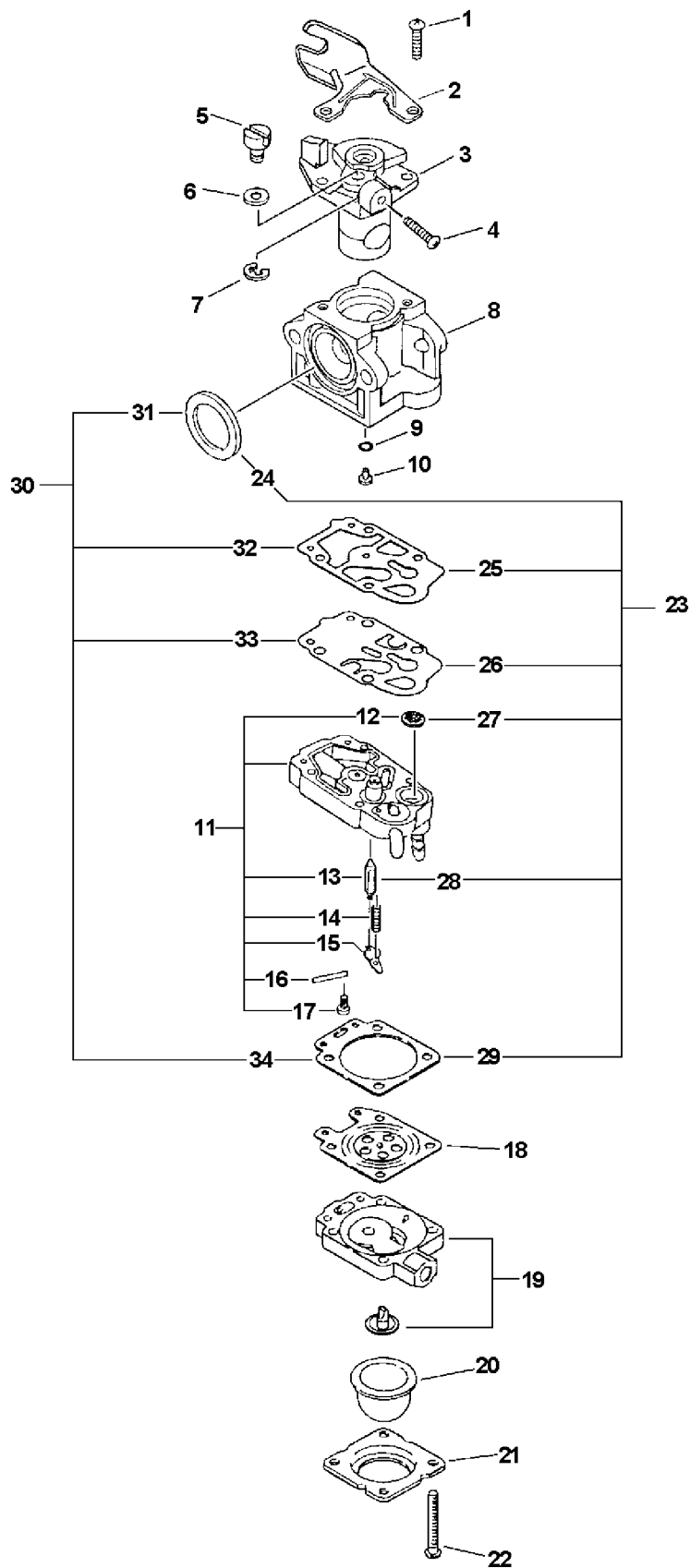
HC0006 00 000

**HC-233 HEDGE CLIPPER**
**Intake, Exhaust**

| ITEM | PART NUMBER | QTY | DESCRIPTION                  | REMARKS |
|------|-------------|-----|------------------------------|---------|
| 1    | 21041752730 | 1   | WING BOLT                    |         |
| 2    | 13031306563 | 1   | LID, AIR CLEANER             |         |
| 3    | 13031054130 | 1   | FILTER, AIR                  |         |
| 4    | 90024205060 | 2   | SCREW 5X60                   |         |
| 5    | 12901152730 | 1   | PLATE, PREVENT               |         |
| 6    | P021000991  | 1   | CASE, AIR CLEANER            |         |
| 7    | 89012152730 | 1   | LABEL, CHOKE                 |         |
| 8    | V103000060  | 1   | GASKET, INTAKE <sup>1</sup>  |         |
| 9    | A021000160  | 1   | CARBURETOR -- WYJ-258        |         |
| 10   | V103000010  | 1   | GASKET, INTAKE               |         |
| 11   | 90016205025 | 2   | BOLT 5X25                    |         |
| 12   | A200000010  | 1   | INSULATOR, INTAKE            |         |
| 13   | 13001055930 | 1   | GASKET, INTAKE <sup>1</sup>  |         |
| 14   | V104000060  | 1   | SHIELD, MUFFLER <sup>1</sup> |         |
| 15   | A300000141  | 1   | MUFFLER                      |         |
| 16   | V150000371  | 1   | PLATE, EYE                   |         |
| 17   | V347000000  | 4   | WASHER, CONICAL              |         |
| 18   | 90010505055 | 2   | BOLT 5X55                    |         |
| 19   | 14586240630 | 1   | SCREEN, MUFFLER              |         |
| 20   | V104000360  | 1   | GASKET, EXHAUST <sup>1</sup> |         |
| 21   | A313000130  | 1   | GUIDE, EXHAUST               |         |
| 22   | 9136704010  | 5   | SCREW                        |         |
| 23   | 90010605012 | 2   | BOLT 5X12                    |         |
| 24   | A320000001  | 1   | COVER, MUFFLER               |         |
| 25   | 89016006361 | 1   | LABEL, CAUTION               |         |
| 26   | P021002240  | 1   | GASKET KIT                   |         |

**Footnotes**

**1:** Also Included In GASKET KIT



WYJ\_258 002\_3\_4

| ITEM      | PART NUMBER | QTY | DESCRIPTION                     | REMARKS              |
|-----------|-------------|-----|---------------------------------|----------------------|
|           | A021000370  | 1   | CARBURETOR -- WYJ-258           |                      |
| <b>1</b>  | 12311440630 | 2   | SCREW, CABLE BRACKET            |                      |
| <b>2</b>  | P003000180  | 1   | BRACKET CABLE                   |                      |
| <b>3</b>  | -----       | 1   | THROTTLE VALVE ASY <sup>1</sup> |                      |
| <b>4</b>  | 12313440030 | 1   | SCREW, IDLE ADJUST              |                      |
| <b>5</b>  | 12317245130 | 1   | SWIVEL                          |                      |
| <b>6</b>  | 12314954230 | 1   | WASHER                          |                      |
| <b>7</b>  | 12317307930 | 1   | CLIP                            |                      |
| <b>8</b>  | -----       | 1   | BODY, CARBURETOR <sup>1</sup>   |                      |
| <b>9</b>  | 12318340630 | 1   | O-RING                          |                      |
| <b>10</b> | P003000270  | 1   | JET                             |                      |
| <b>11</b> | P003000290  | 1   | PUMP BODY ASY                   | INCLUDES ITEMS 12-17 |
| <b>12</b> | -----       | 1   | SCREEN, INLET                   |                      |
| <b>13</b> | -----       | 1   | VALVE, INLET NEEDLE             |                      |
| <b>14</b> | 12312205560 | 1   | SPRING, METERING LEVER          |                      |
| <b>15</b> | 12312303930 | 1   | LEVER, METERING                 |                      |
| <b>16</b> | 12313803930 | 1   | PIN, METERING LEVER             |                      |
| <b>17</b> | 12313905560 | 1   | SCREW, METERING LEVER PIN       |                      |
| <b>18</b> | P003000090  | 1   | METERING, DIAPHRAGM             |                      |
| <b>19</b> | 12318005560 | 1   | BODY, AIR PURGE                 |                      |
| <b>20</b> | 12318140630 | 1   | PUMP, PRIMER                    |                      |
| <b>21</b> | 12314205560 | 1   | COVER, PRIMER PUMP              |                      |
| <b>22</b> | 12311005560 | 4   | SCREW, PUMP COVER               |                      |
| <b>23</b> | P003000190  | 1   | REPAIR KIT                      | INCLUDES ITEMS 24-29 |
| <b>24</b> | -----       | 1   | RING, PACKING                   |                      |
| <b>25</b> | -----       | 1   | GASKET, PUMP                    |                      |
| <b>26</b> | -----       | 1   | DIAPHRAGM, PUMP                 |                      |
| <b>27</b> | -----       | 1   | SCREEN, INLET                   |                      |
| <b>28</b> | -----       | 1   | VALVE, INLET NEEDLE             |                      |
| <b>29</b> | -----       | 1   | GASKET, METERING DIAPHRAGM      |                      |
| <b>30</b> | P003000200  | 1   | DIAPHRAGM/GASKET KIT            | INCLUDES ITEMS 31-34 |
| <b>31</b> | -----       | 1   | RING, PACKING                   |                      |
| <b>32</b> | -----       | 1   | GASKET, PUMP                    |                      |
| <b>33</b> | -----       | 1   | DIAPHRAGM, PUMP                 |                      |
| <b>34</b> | -----       | 1   | GASKET, METERING DIAPHRAGM      |                      |

**Footnotes**

**1:** NOT AVAILABLE SEPARATELY

HC-230: 05001001-05003400

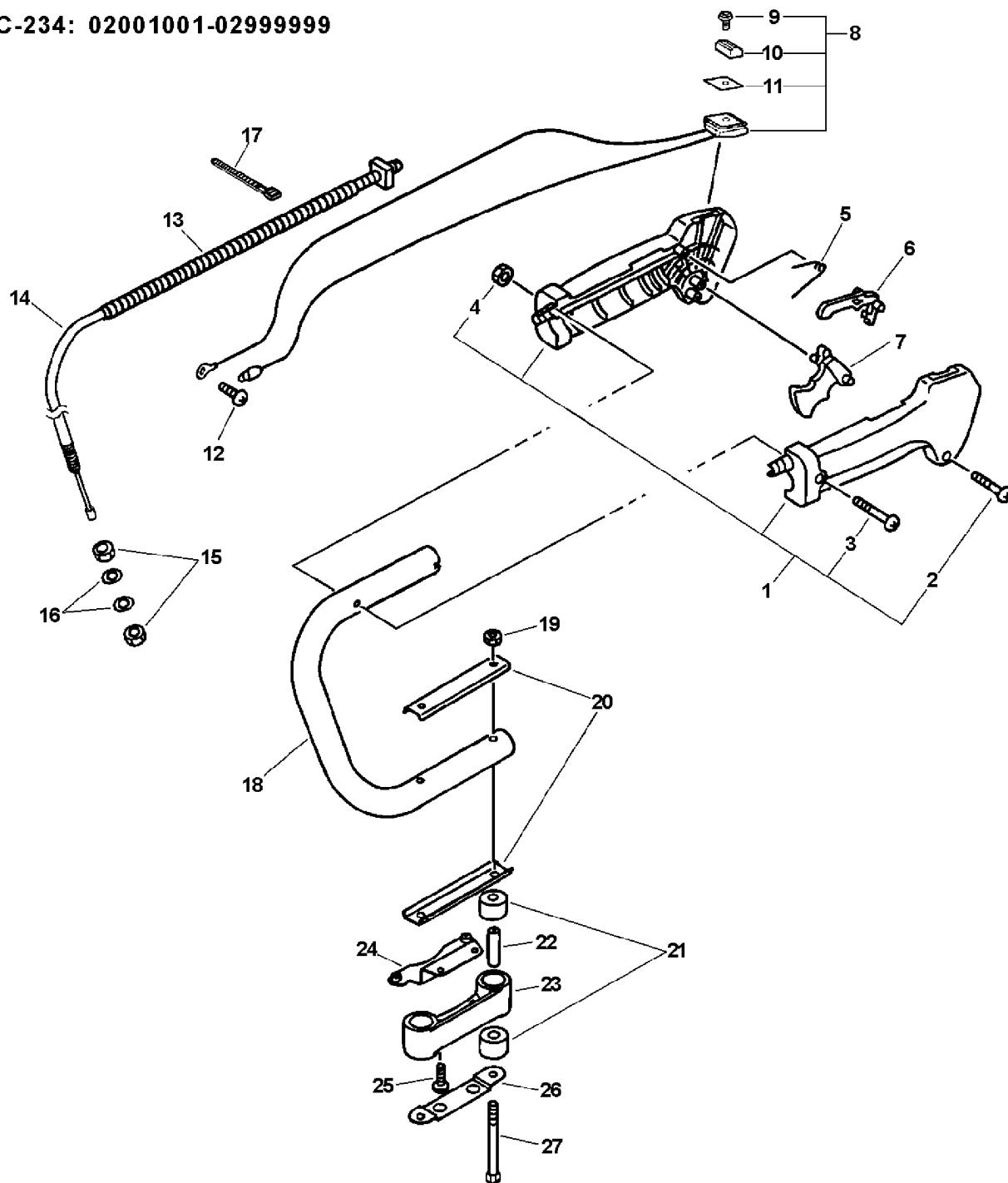
HC-231: 05001001-05002450

HC-233: 02001001-02999999

HC-233: 06001001-06002600

HC-234: 06001001-06001299

HC-234: 02001001-02999999



HC0008 00 000

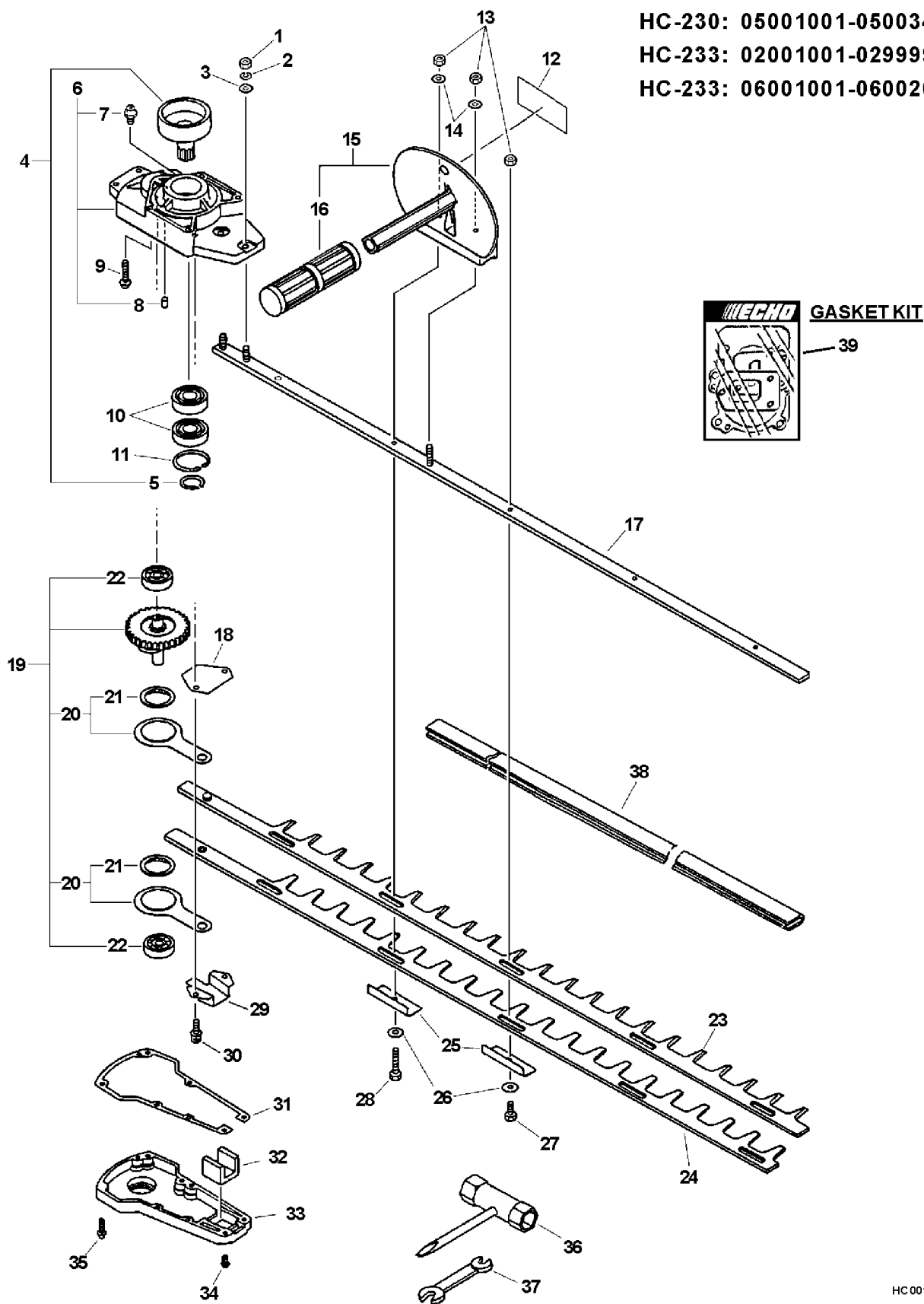
**HC-233 HEDGE CLIPPER**
**Handle, Stop Switch, Throttle Cable**

| ITEM | PART NUMBER | QTY | DESCRIPTION           | REMARKS                     |
|------|-------------|-----|-----------------------|-----------------------------|
| 1    | 35110247530 | 1   | FRONT HANDLE GRIP ASY | INCLUDES ITEMS 2-4          |
| 2    | 90024603025 | 4   | SCREW 3X25            |                             |
| 3    | 90022005030 | 1   | SCREW 5X30            |                             |
| 4    | 90050000005 | 1   | NUT 5                 |                             |
| 5    | 17801335631 | 1   | SPRING, THROTTLE LOCK |                             |
| 6    | 17801205960 | 1   | LOCKOUT, THROTTLE     |                             |
| 7    | 17801005960 | 1   | TRIGGER, THROTTLE     |                             |
| 8    | A440000121  | 1   | SWITCH, IGNITION      | INCLUDES ITEMS 9-11         |
| 9    | 9154503010  | 1   | SCREW                 |                             |
| 10   | 16341049231 | 1   | KNOB, SWITCH          |                             |
| 11   | 89015712330 | 1   | LABEL - STOP          |                             |
| 12   | 90024205010 | 1   | SCREW 5X10            |                             |
| 13   | V475000840  | 1   | TUBE                  |                             |
| 14   | V430000090  | 1   | CABLE, THROTTLE       |                             |
| 15   | 90050200006 | 2   | NUT 6                 |                             |
| 16   | 90060000006 | 2   | WASHER                | S/N: 02001001-02999999 ONLY |
| 17   | V495000300  | 1   | BAND                  |                             |
| 18   | 35120508961 | 1   | HANDLE, REAR          |                             |
| 19   | 90056000005 | 2   | LOCKNUT 5             |                             |
| 20   | 35124301260 | 2   | BRACKET, HANDLE       |                             |
| 21   | 35122801260 | 4   | CUSHION               |                             |
| 22   | 35124101260 | 2   | SPACER                |                             |
| 23   | 35121705960 | 1   | SUPPORTER, HANDLE     |                             |
| 24   | 61043801260 | 1   | PLATE                 |                             |
| 25   | 90023805016 | 2   | SCREW 5X16            |                             |
| 26   | 35124201261 | 1   | PLATE, CUSHION        |                             |
| 27   | 90010505060 | 2   | BOLT 5X60             |                             |

HC-230: 05001001-05003400

HC-233: 02001001-02999999

HC-233: 06001001-06002600



HC001100000



## HC-233 HEDGE CLIPPER

Blades, Gear Case, Side Handle, Tools

| ITEM | PART NUMBER | QTY | DESCRIPTION               | REMARKS              |
|------|-------------|-----|---------------------------|----------------------|
| 1    | 90050000006 | 2   | NUT 6                     |                      |
| 2    | 90060500006 | 2   | SPRING WASHER 6           |                      |
| 3    | 90060000006 | 2   | WASHER 6                  |                      |
| 4    | 17500301261 | 1   | CLUTCH DRUM KIT           | INCLUDES ITEM 5      |
| 5    | 90070100016 | 1   | CIRCLIP 19                |                      |
| 6    | 61040708561 | 1   | GEAR CASE                 | INCLUDES ITEMS 7-8   |
| 7    | 88011010860 | 1   | NIPPLE, GREASE            |                      |
| 8    | 10021503930 | 2   | DOWEL PIN                 |                      |
| 9    | 90016205030 | 4   | BOLT 5X30                 |                      |
| 10   | 90080206003 | 2   | BEARING, BALL 6003        |                      |
| 11   | 90070200035 | 1   | CIRCLIP 35                |                      |
| 12   | X505000270  | 1   | LABEL, CAUTION            |                      |
| 13   | 43302206460 | 6   | NUT                       |                      |
| 14   | 90060300006 | 2   | WASHER 6                  |                      |
| 15   | 35120002060 | 1   | FRONT HANDLE ASY          | INCLUDES ITEM 16     |
| 16   | 35101201260 | 1   | GRIP, HANDLE              |                      |
| 17   | X425000100  | 1   | SUPPORT, CUTTER           |                      |
| 18   | 61044008960 | 1   | GUIDE, CUTTER             |                      |
| 19   | 61030209661 | 1   | GEAR ASY                  | INCLUDES ITEMS 20-22 |
| 20   | 61030701261 | 2   | CONNECTING ROD ASY        | INCLUDES ITEM 21     |
| 21   | 61032701261 | 2   | BEARING, NEEDLE           |                      |
| 22   | 90081006200 | 2   | BEARING, BALL 6200        |                      |
| 23   | X411000080  | 1   | CUTTER - UPPER            |                      |
| 24   | X411000090  | 1   | CUTTER - LOWER            |                      |
| 25   | 69921302062 | 5   | INSULATOR                 |                      |
| 26   | 69911801261 | 5   | WASHER                    |                      |
| 27   | 69911502062 | 4   | BOLT                      |                      |
| 28   | 35102702060 | 1   | BOLT                      |                      |
| 29   | 61044108960 | 1   | GUIDE, CUTTER             |                      |
| 30   | 90016205014 | 2   | BOLT 5X14                 |                      |
| 31   | 61041401260 | 1   | GASKET, GEAR <sup>1</sup> |                      |
| 32   | 61042601260 | 1   | SEAL                      |                      |
| 33   | 61043108960 | 1   | LID, GEAR CASE            |                      |
| 34   | 90024204014 | 4   | SCREW 4X14                |                      |
| 35   | 90024204022 | 2   | SCREW 4X22                |                      |
| 36   | 89541006960 | 1   | WRENCH, W/SCREWDRIVER     |                      |
| 37   | 89511200330 | 1   | SPANNER 8X10              |                      |
| 38   | 89852302961 | 1   | COVER, BLADE              |                      |
| 39   | P021002240  | 1   | GASKET KIT                |                      |
| 39   | P021003880  | 1   | GASKET KIT                |                      |

## Footnotes

1: Also Included In GASKET KIT



# Part Number Index

Click The Page Number After Any Part Number To View The Diagram Containing That Part.

| Part Number | Page | Part Number | Page   | Part Number | Page      |
|-------------|------|-------------|--------|-------------|-----------|
| -----       | 13   | 43302206460 | 17     | A350000014  | 9         |
| 10001255930 | 5    | 61030209661 | 17     | A356000030  | 9         |
| 10001311520 | 5    | 61030701261 | 17     | A409000020  | 7         |
| 10001455930 | 5    | 61032701261 | 17     | A411000010  | 7         |
| 10001504630 | 5    | 61040708561 | 17     | A440000121  | 15        |
| 10021228230 | 5    | 61041401260 | 17     | A570000020  | 7         |
| 10021305530 | 5    | 61042601260 | 17     | P003000090  | 13        |
| 10021503930 | 17   | 61043108960 | 17     | P003000180  | 13        |
| 10024255930 | 5    | 61043801260 | 15     | P003000190  | 13        |
| 12311005560 | 13   | 61044008960 | 17     | P003000200  | 13        |
| 12311440630 | 13   | 61044108960 | 17     | P003000270  | 13        |
| 12312205560 | 13   | 69911502062 | 17     | P003000290  | 13        |
| 12312303930 | 13   | 69911801261 | 17     | P021000991  | 11        |
| 12313440030 | 13   | 69921302062 | 17     | P021001080  | 5         |
| 12313803930 | 13   | 88011010860 | 17     | P021001090  | 5         |
| 12313905560 | 13   | 89012152730 | 11     | P021002240  | 5, 11, 17 |
| 12314205560 | 13   | 89015712330 | 15     | P021003880  | 17        |
| 12314954230 | 13   | 89016006361 | 11     | SB1046      | 5         |
| 12317245130 | 13   | 89511200330 | 17     | V100000010  | 5         |
| 12317307930 | 13   | 89541006960 | 17     | V103000010  | 11        |
| 12318005560 | 13   | 89852302961 | 17     | V103000060  | 11        |
| 12318140630 | 13   | 90010505055 | 11     | V104000060  | 11        |
| 12318340630 | 13   | 90010505060 | 15     | V104000360  | 11        |
| 12901152730 | 11   | 90010605012 | 11     | V150000371  | 11        |
| 13001055930 | 11   | 90016204014 | 7      | V347000000  | 11        |
| 13011100530 | 9    | 90016205014 | 17     | V430000090  | 15        |
| 13031054130 | 11   | 90016205016 | 7, 9   | V471000131  | 9         |
| 13031306563 | 11   | 90016205022 | 5      | V471000140  | 9         |
| 13100455530 | 9    | 90016205025 | 5, 11  | V471000150  | 9         |
| 13101655830 | 9    | 90016205030 | 17     | V475000840  | 15        |
| 13104528230 | 9    | 90021206014 | 7      | V495000300  | 15        |
| 13105156030 | 9    | 90022005030 | 15     | X411000080  | 17        |
| 13120519830 | 9    | 90023805016 | 15     | X411000090  | 17        |
| 13192061830 | 7    | 90024204014 | 17     | X425000100  | 17        |
| 13201309820 | 9    | 90024204022 | 17     | X503001610  | 7         |
| 13201761830 | 9    | 90024205010 | 15     | X503001620  | 7         |
| 13211561830 | 9    | 90024205060 | 11     | X505000270  | 17        |
| 14586240630 | 11   | 90024603025 | 15     | X505000280  | 7         |
| 15611240630 | 7    | 90050000005 | 15     |             |           |
| 15901103432 | 7    | 90050000006 | 17     |             |           |
| 15901203433 | 7    | 90050200006 | 15     |             |           |
| 16201056430 | 7    | 90051200008 | 7      |             |           |
| 16341049231 | 15   | 90056000005 | 15     |             |           |
| 17500002962 | 7    | 90056500005 | 7      |             |           |
| 17500301261 | 17   | 90060000006 | 15, 17 |             |           |
| 17500905131 | 7    | 90060000008 | 7      |             |           |
| 17501607330 | 7    | 90060300005 | 9      |             |           |
| 17501805960 | 7    | 90060300006 | 17     |             |           |
| 17501904920 | 7    | 90060500006 | 17     |             |           |
| 17521410130 | 7    | 90070000004 | 7      |             |           |
| 17721442030 | 7    | 90070100016 | 17     |             |           |
| 17721540630 | 7    | 90070200028 | 5      |             |           |
| 17721840630 | 7    | 90070200035 | 17     |             |           |
| 17722040630 | 7    | 90080036001 | 5      |             |           |
| 17722610120 | 7    | 90080206003 | 17     |             |           |
| 17722742030 | 7    | 90081006200 | 17     |             |           |
| 17722827030 | 7    | 9111005016  | 5      |             |           |
| 17723411410 | 7    | 9136704010  | 11     |             |           |
| 17723644330 | 7    | 9154503010  | 15     |             |           |
| 17801005960 | 15   | 99944500071 | 7      |             |           |
| 17801205960 | 15   | A011000060  | 5      |             |           |
| 17801335631 | 15   | A021000160  | 11     |             |           |
| 21041752730 | 11   | A021000370  | 13     |             |           |
| 35101201260 | 17   | A034000000  | 9      |             |           |
| 35102702060 | 17   | A051000020  | 7      |             |           |
| 35110247530 | 15   | A052000000  | 7      |             |           |
| 35120002060 | 17   | A101000000  | 5      |             |           |
| 35120508961 | 15   | A130000074  | 5      |             |           |
| 35121705960 | 15   | A160000080  | 5      |             |           |
| 35122801260 | 15   | A200000010  | 11     |             |           |
| 35124101260 | 15   | A300000141  | 11     |             |           |
| 35124201261 | 15   | A313000130  | 11     |             |           |
| 35124301260 | 15   | A320000001  | 11     |             |           |



# Part Description Index

Click The Page Number After Any Part Description To View The Diagram Containing That Part.

## B

BAND.....15  
BEARING, BALL.....5  
BEARING, BALL 6003.....17  
BEARING, BALL 6200.....17  
BEARING, NEEDLE.....5, 17  
BODY, AIR PURGE.....13  
BODY, CARBURETOR.....13  
BOLT.....17  
BOLT 4X14.....7  
BOLT 5X12.....11  
BOLT 5X14.....17  
BOLT 5X16.....5, 7, 9  
BOLT 5X22.....5  
BOLT 5X25.....11  
BOLT 5X30.....17  
BOLT 5X55.....11  
BOLT 5X60.....15  
BOLT, 5X16.....7  
BOLT, 5X25.....5  
BRACKET CABLE.....13  
BRACKET, HANDLE.....15

## C

CABLE, THROTTLE.....15  
CAP, SPARK PLUG.....7  
CARBURETOR -- WYJ-258.....11, 13  
CASE, AIR CLEANER.....11  
CASE, CLUTCH.....7  
CIRCLIP 19.....17  
CIRCLIP 28.....5  
CIRCLIP 35.....17  
CIRCLIP, PISTON PIN.....5  
CLIP.....9, 13  
CLUTCH ASY.....7  
CLUTCH DRUM KIT.....17  
COIL, SPARK PLUG CAP.....7  
COIL, IGNITION.....7  
COLLAR.....9  
COLLAR 3.....9  
CONNECTING ROD ASY.....17  
CONNECTOR, FUEL CAP.....9  
COVER, BLADE.....17  
COVER, CYLINDER.....5  
COVER, MUFFLER.....11  
COVER, PRIMER PUMP.....13  
CRANKCASE KIT.....5  
CRANKSHAFT ASY.....5  
CUSHION.....15  
CUSHION, FUEL TANK.....7  
CUTTER - LOWER.....17  
CUTTER - UPPER.....17  
CYLINDER.....5

## D

DIAPHRAGM, PUMP.....13  
DIAPHRAGM/GASKET KIT.....13  
DOWEL PIN.....17  
DRUM, STARTER.....7

## E

E-RING 4.....7

## F

FILTER, AIR.....11  
FILTER, FUEL.....9  
FLYWHEEL.....7  
FRONT HANDLE ASY.....17  
FRONT HANDLE GRIP ASY.....15  
FUEL PIPE KIT.....9  
FUEL TANK CAP ASY.....9

## G

GASKET KIT.....5, 11, 17  
GASKET, CRANKCASE.....5  
GASKET, CYLINDER.....5  
GASKET, EXHAUST.....11  
GASKET, FUEL CAP.....9  
GASKET, GEAR.....17  
GASKET, INTAKE.....11  
GASKET, METERING DIAPHRAGM.....13  
GASKET, PUMP.....13  
GEAR ASY.....17  
GEAR CASE.....17  
GRIP, HANDLE.....17  
GRIP, STARTER.....7  
GROMMET.....7  
GROMMET, PIPE.....9  
GUIDE, CUTTER.....17  
GUIDE, EXHAUST.....11  
GUIDE, ROPE.....7

## H

HANDLE, REAR.....15  
HUB, CLUTCH.....7

## I

INSULATOR.....17  
INSULATOR, INTAKE.....11

## J

JET.....13

## K

KNOB, SWITCH.....15

## L

LABEL - STOP.....15  
LABEL, CAUTION.....11, 17  
LABEL, CHOKE.....11  
LABEL, MODEL -- HC-233.....7  
LABEL, MODEL -- HC-234.....7  
LABEL, CAUTION.....7  
LEAD, GROUND.....7  
LEVER, METERING.....13  
LID, AIR CLEANER.....11  
LID, GEAR CASE.....17  
LOCKNUT 5.....15  
LOCKOUT, THROTTLE.....15

## M

METERING, DIAPHRAGM.....13  
MUFFLER.....11

## N

NIPPLE, GREASE.....17  
NUT.....17  
NUT 5.....15  
NUT 6.....15, 17  
NUT 8.....7

## O

OIL SEAL.....5  
O-RING.....13

## P

PAWL, STARTER.....7  
PIN, METERING LEVER.....13  
PIN, PISTON.....5  
PIPE, FUEL - 3X5X275mm.....9  
PIPE, RETURN - 3X5X170mm.....9  
PIPE, VENT - 3X5X65mm.....9  
PISTON KIT.....5  
PLATE.....15  
PLATE, CLUTCH.....7  
PLATE, CUSHION.....15  
PLATE, EYE.....11  
PLATE, PREVENT.....11  
PLUG, SPARK -- BPM-7Y.....7  
PUMP BODY ASY.....13  
PUMP, PRIMER.....13

## R

REPAIR KIT.....13  
RING, PACKING.....13  
RING, PISTON.....5  
ROPE, STARTER - 3X1000mm.....7

## S

SCREEN, INLET.....13  
SCREEN, MUFFLER.....11  
SCREW.....7, 11, 15  
SCREW 3X25.....15  
SCREW 4X14.....17  
SCREW 4X22.....17  
SCREW 5X10.....15  
SCREW 5X16.....15  
SCREW 5X30.....15  
SCREW 5X60.....11  
SCREW 6X14.....7  
SCREW, CABLE BRACKET.....13  
SCREW, IDLE ADJUST.....13  
SCREW, METERING LEVER PIN.....13  
SCREW, PUMP COVER.....13  
SEAL.....17  
SHIELD, MUFFLER.....11  
SHOE, CLUTCH.....7  
SHORT BLOCK.....5  
SPACER.....15  
SPACER, PISTON PIN.....5  
SPANNER 8X10.....17  
SPRING WASHER 6.....17  
SPRING, CLUTCH.....7  
SPRING, METERING LEVER.....13  
SPRING, RETURN.....7  
SPRING, REWIND.....7  
SPRING, THROTTLE LOCK.....15



## Part Description Index (continued)

---

SQUARE NUT.....7  
STARTER ASY.....7  
STARTER PAWL ASY.....7  
SUPPORT, CUTTER.....17  
SUPPORTER, HANDLE.....15  
SWITCH, IGNITION.....15  
SWIVEL.....13

### T

TANK, FUEL.....9  
THROTTLE VALVE ASY.....13  
TRIGGER, THROTTLE.....15  
TUBE.....15

### V

VALVE, CHECK.....9  
VALVE, INLET NEEDLE.....13

### W

WASHER.....7, 13, 15, 17  
WASHER 8.....7  
WASHER 5.....9  
WASHER 6.....17  
WASHER, CONICAL.....11  
WING BOLT.....11  
WRENCH, W/SCREWDRIVER.....17

## ***NOTES***



ECHO, INCORPORATED

400 Oakwood Road  
Lake Zurich, IL 60047 USA

[WWW.ECHO-USA.COM](http://WWW.ECHO-USA.COM)

---