

**Robin Industrial Engines®**

# **OEM PARTS MANUAL**

**Model**

**EC10D MEIWA**

**(Spec: EC100DD1810)**

1193M313



**ROBIN AMERICA, INC.**  
**ROBIN TO WISCONSIN ROBIN**  
**ENGINE MODEL CROSS REFERENCE LIST**

**ROBIN**

**WISCONSIN ROBIN**

**SIDE VALVE**

|        |         |
|--------|---------|
| EY08   | W1-080  |
| EY15   | W1-145  |
| EY15V  | W1-145V |
| EY20   | W1-185  |
| EY20V  | W1-185V |
| EY23   | W1-230  |
| EY28   | W1-280  |
| EY35   | W1-340  |
| EY40   | W1-390  |
| EY45V  | W1-450V |
| EY21   | EY21W   |
| EY44   | EY44W   |
| EY18-3 | EY18-3W |
| EY25   | EY25W   |
| EY27   | EY27W   |

**OVERHEAD VALVE**

|       |          |
|-------|----------|
| EH11  | WO1-115  |
| EH12  | WO1-120  |
| EH15  | WO1-150  |
| EH17  | WO1-170  |
| EH21  | WO1-210  |
| EH25  | WO1-250  |
| EH30  | WO1-300  |
| EH30V | WO1-300V |
| EH34  | WO1-340  |
| EH34V | WO1-340V |
| EH43V | WO1-430V |

**TWO CYCLE**

|       |          |
|-------|----------|
| EC13V | WT1-125V |
|-------|----------|

**DIESEL**

|      |          |
|------|----------|
| DY23 | WRD1-230 |
| DY27 | WRD1-270 |
| DY30 | WRD1-300 |
| DY35 | WRD1-350 |
| DY41 | WRD1-410 |

# Engine Model EC10D for MEIWA

Specification EC100DD1870

## Introduction

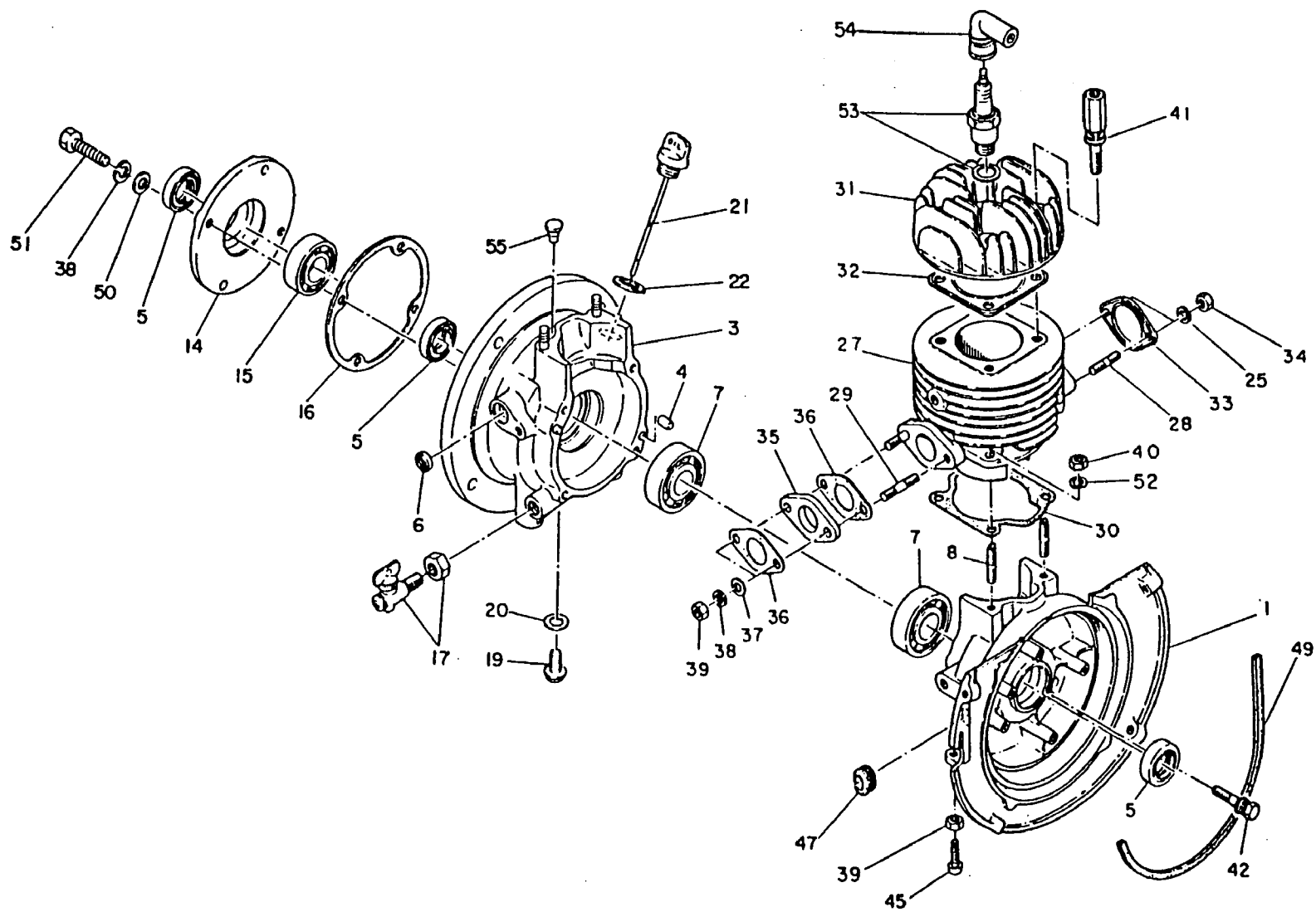
This catalog is designed to identify **Robin Engine** parts.

When ordering parts, it is always advisable to list the engine model, specification number and serial number. With this information, we can check your order for any incorrect part numbers. Use your Service Parts List to ensure proper part number and nomenclature identification.

**ROBIN AMERICA INC.** reserves the right to modify, alter and improve engines and parts. Part numbers and the structure of parts may change from those shown in this catalog.

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1. CRANKCASE & CYLINDER

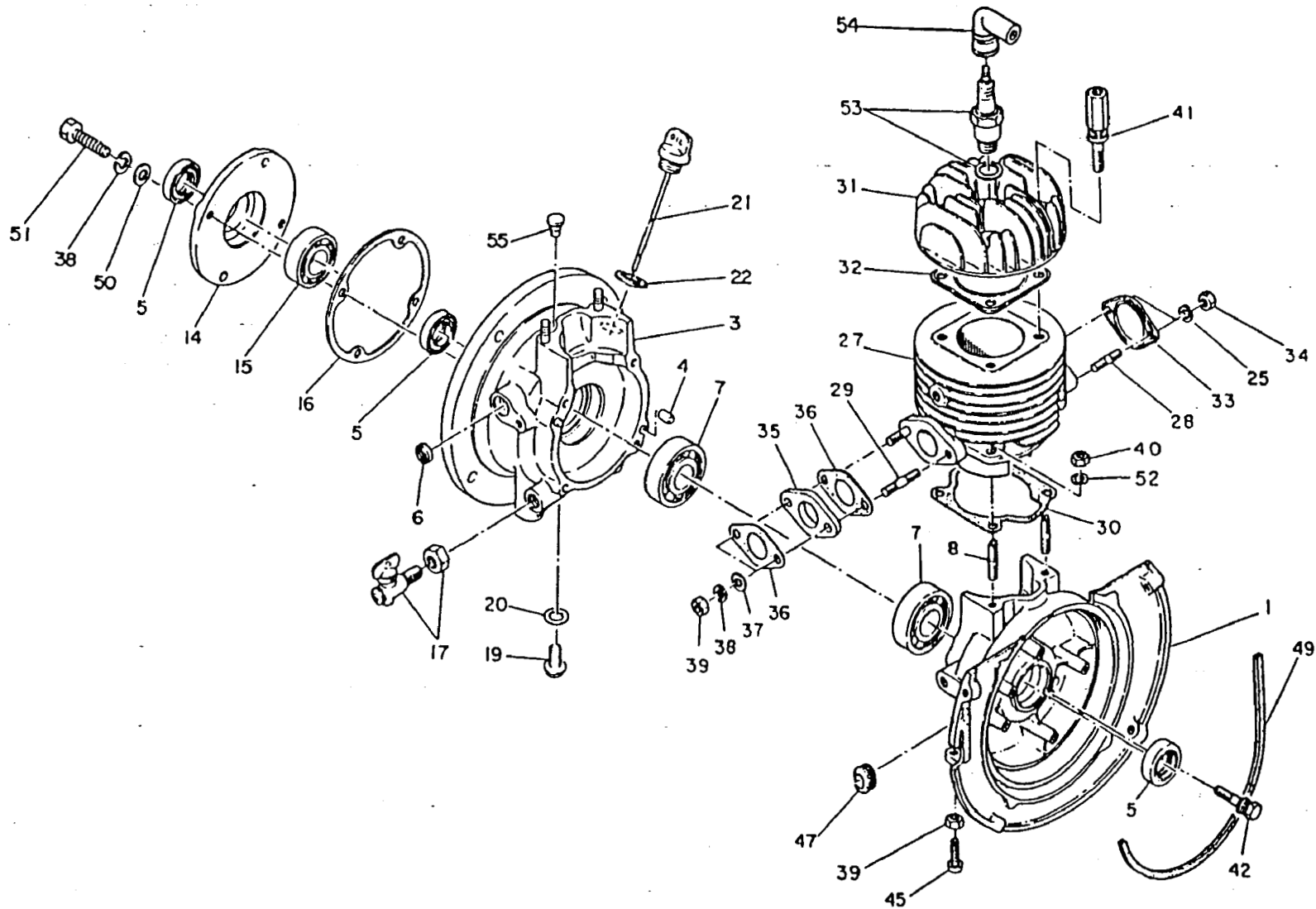
EC10D(ME1WA;RT-15,RT-10) JUN' 82 1.

1. CRANKCASE & CYLINDER

Ref. to Fig. EC10D (MEIWA:RT-75, RT-70) JUN'82 1.

1

| Ref.<br>No. | Part Name              | Part Number  | EC10D |   | Q'ty | Q'ty | Q'ty | Q'ty | Remarks      | Price |
|-------------|------------------------|--------------|-------|---|------|------|------|------|--------------|-------|
|             |                        |              | Q'ty  |   |      |      |      |      |              |       |
| * 1         | CRANKCASE COMPL.       | 106 10801 11 | 1     | X |      |      |      |      | Incl.3~8,42  |       |
| * 1         | CRANKCASE COMPL.       | 106 10801 01 | 1     | X |      |      |      |      | Incl.3~8,42  |       |
| * 1         | CRANKCASE 1 COMPL.     | 106 10101 17 | 1     | X |      |      |      |      | Incl.5,7,8   |       |
| * 1         | CRANKCASE 1 COMPL.     | 106 10101 07 | 1     | X |      |      |      |      | Incl.5,7,8   |       |
| * 3         | CRANKCASE 2 COMPL.     | 106 10801 17 | 1     | X |      |      |      |      | Incl.4,5,7,8 |       |
| * 3         | CRANKCASE 2 COMPL.     | 106 10801 07 | 1     | X |      |      |      |      | Incl.4,5,7,8 |       |
| 4           | DOWEL PIN              | 031 00600 10 | 2     |   |      |      |      |      |              |       |
| 5           | OIL SEAL               | 044 02000 10 | 3     |   |      |      |      |      | TB20328      |       |
| 6           | OIL SEAL               | 044 00800 10 | 1     |   |      |      |      |      | VC8144       |       |
| 7           | BALL BEARING           | 060 02000 20 | 2     |   |      |      |      |      |              |       |
| 8           | STUD                   | 010 50700 10 | 4     | X |      |      |      |      |              |       |
| 8           | STUD                   | 010 50600 90 | 4     | X |      |      |      |      |              |       |
| * 14        | CRANKCASE COVER COMPL. | 106 12201 01 | 1     |   |      |      |      |      | Incl.5,15    |       |
| 15          | BALL BEARING           | 060 02000 10 | 1     |   |      |      |      |      |              |       |
| 16          | GASKET (case cover)    | 106 15005 03 | 1     |   |      |      |      |      |              |       |
| 17          | DRAIN COCK             | 064 30001 00 | 1     |   |      |      |      |      |              |       |
| 19          | PLUG                   | 040 10800 10 | 1     |   |      |      |      |      |              |       |
| 20          | GASKET                 | 021 00800 10 | 1     |   |      |      |      |      |              |       |
| 21          | OIL LEVEL GAUGE COMPL. | 106 63601 01 | 1     |   |      |      |      |      |              |       |
| 22          | GASKET                 | 021 01600 10 | 1     |   |      |      |      |      |              |       |
| 25          | SPRING WASHER          | 003 20080 00 | 2     |   |      |      |      |      |              |       |
| * 27        | CYLINDER COMPL.        | 106 12405 11 | 1     | X |      |      |      |      | Incl.28,29   |       |
| * 27        | CYLINDER COMPL.        | 106 12405 01 | 1     | X |      |      |      |      | Incl.28,29   |       |
| 28          | STUD                   | 001 31083 01 | 2     |   |      |      |      |      |              |       |
| 29          | STUD                   | 001 31063 01 | 2     |   |      |      |      |      |              |       |



1. CRANKCASE & CYLINDER

EC10D(ME1WA:RT-15,RT-70) JUN' 82 I.

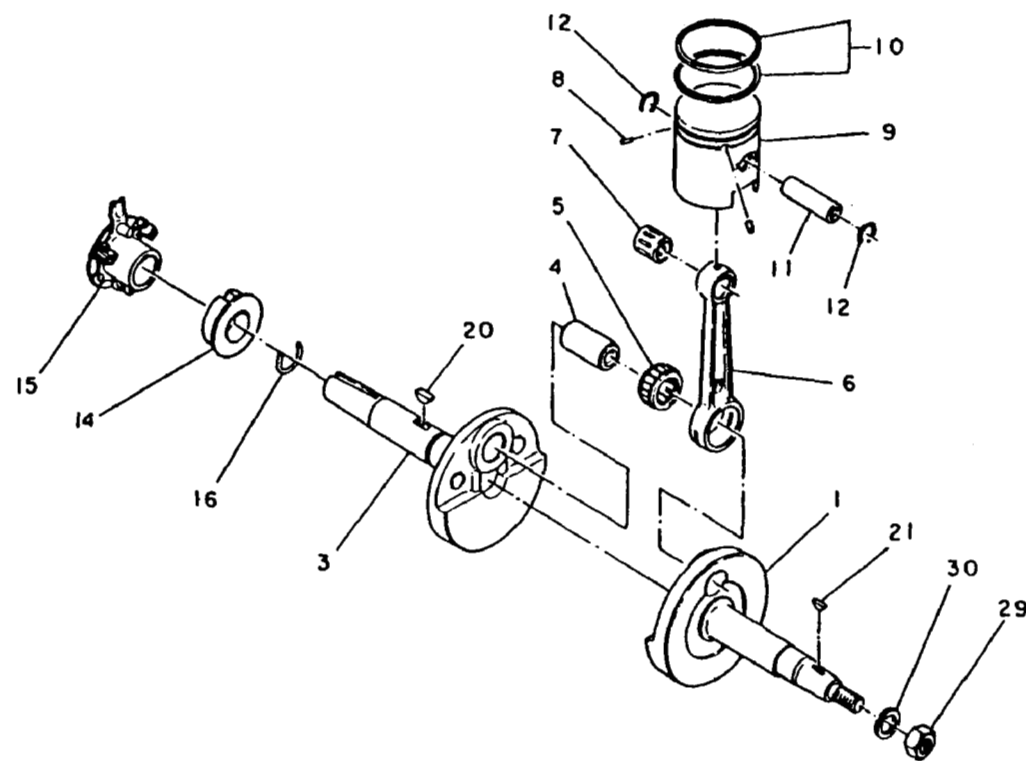
Flange Mount type for  
EC10D (MEIWA SEISAKUSHO LTD.)

## 1. CRANKCASE & CYLINDER

Ref. to Fig. EC10D (MEIWA;RT-75, RT-70) JUN'82 1.

2

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2. CRANKSHAFT & PISTON

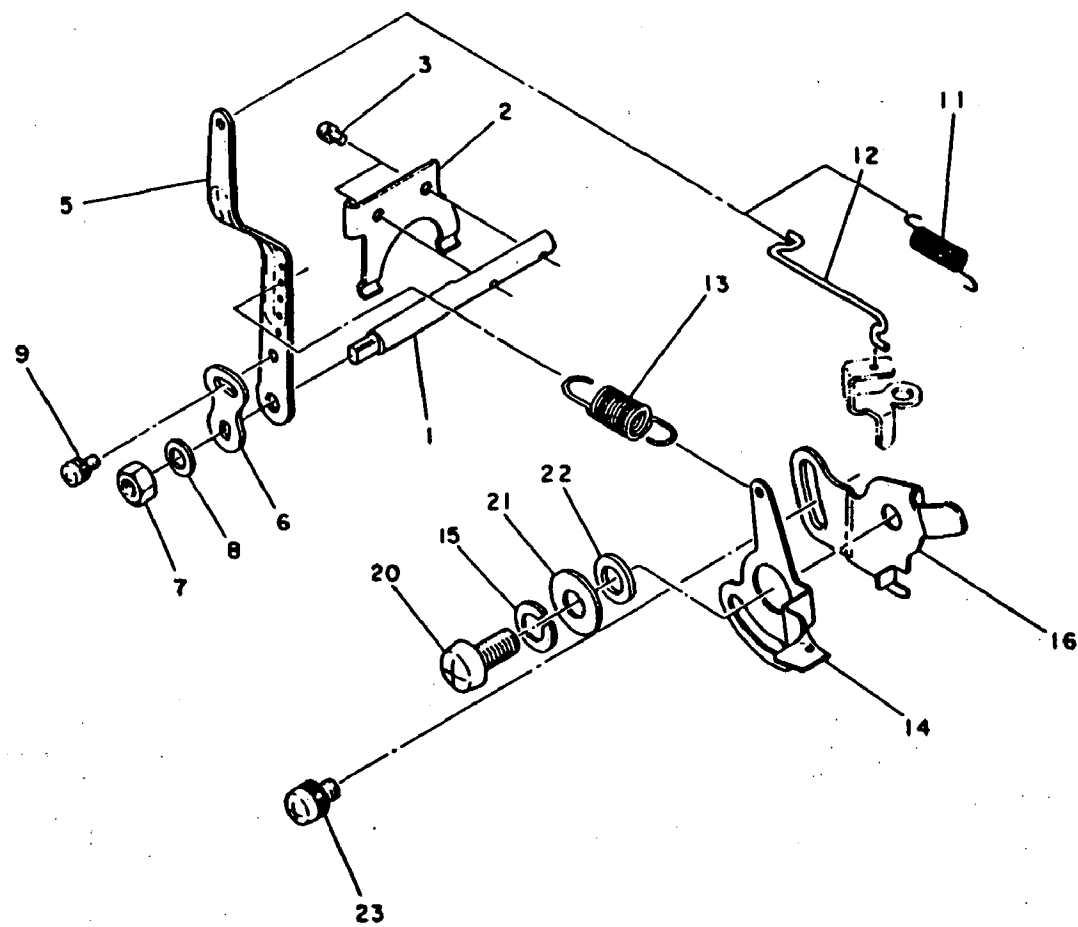
Flange Mount type for  
EC10D (MEIWA SEISAKUSHO LTD.)

## 2. CRANKSHAFT & PISTON

Ref. to Fig. EC10D (MEIWA;RT-75, RT-70) JUN'82 2.

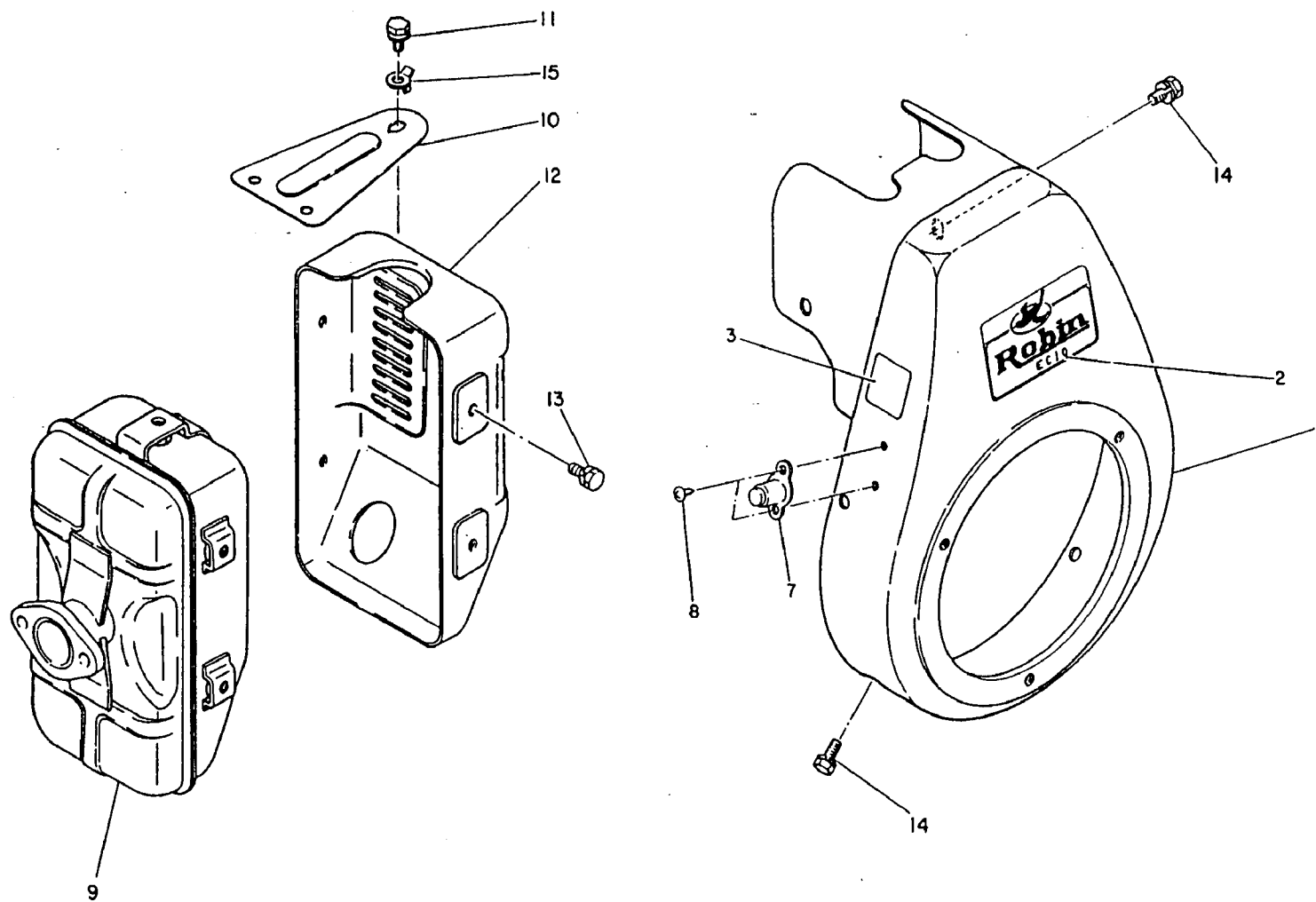
3

[illegible]



### 3. GOVERNOR

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4. BLOWER HOUSING & MUFFLER ECI0D(ME1WA;RT-75,RT-70) JUN' 82 4.

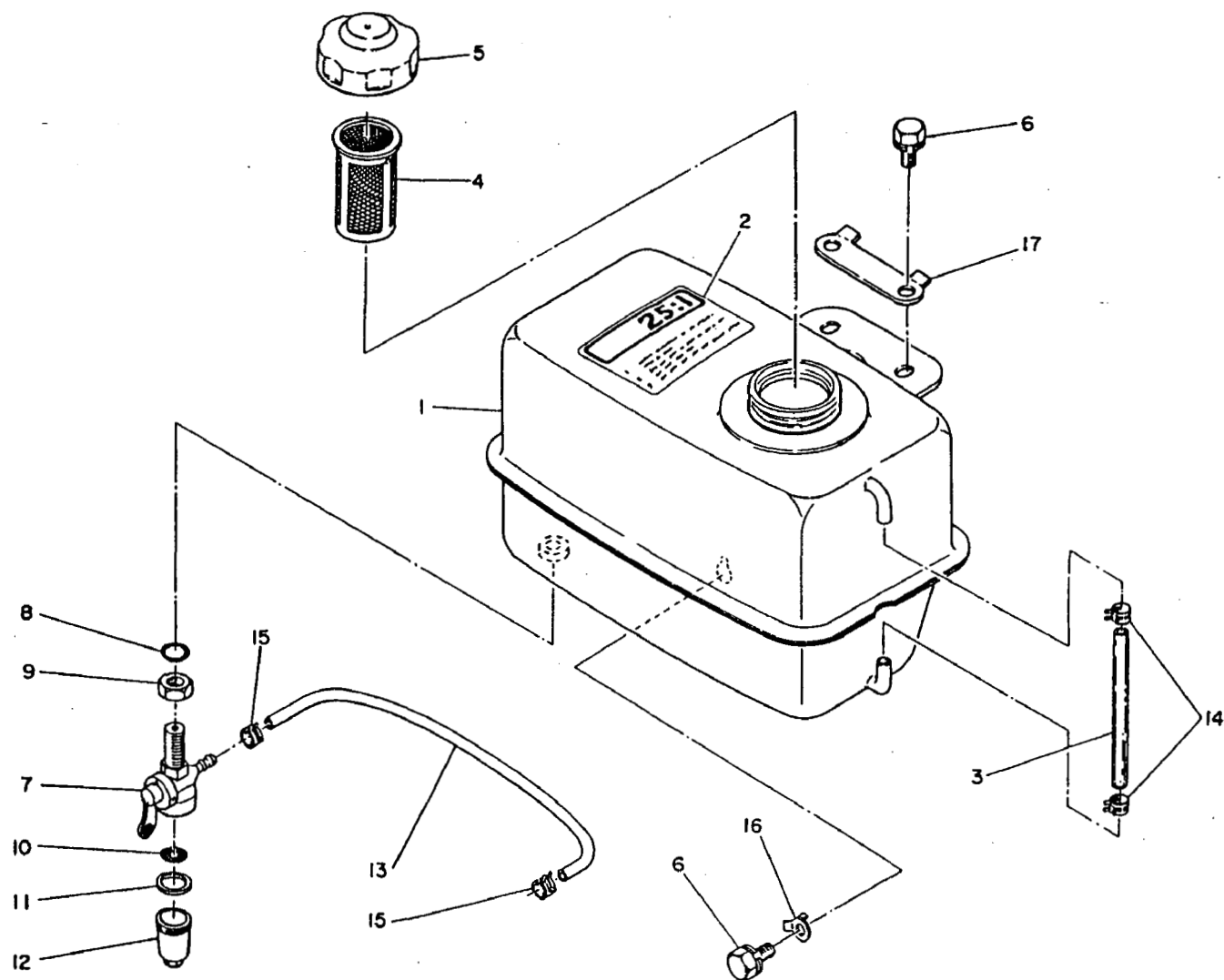
Flange Mount type for  
EC10D (MEIWA SEISAKUSHO LTD.)

#### 4. BLOWER HOUSING & MUFFLER

Ref. to Fig. EC10D (MEIWA:RT-75, RT-70) JUN'82 4.

5

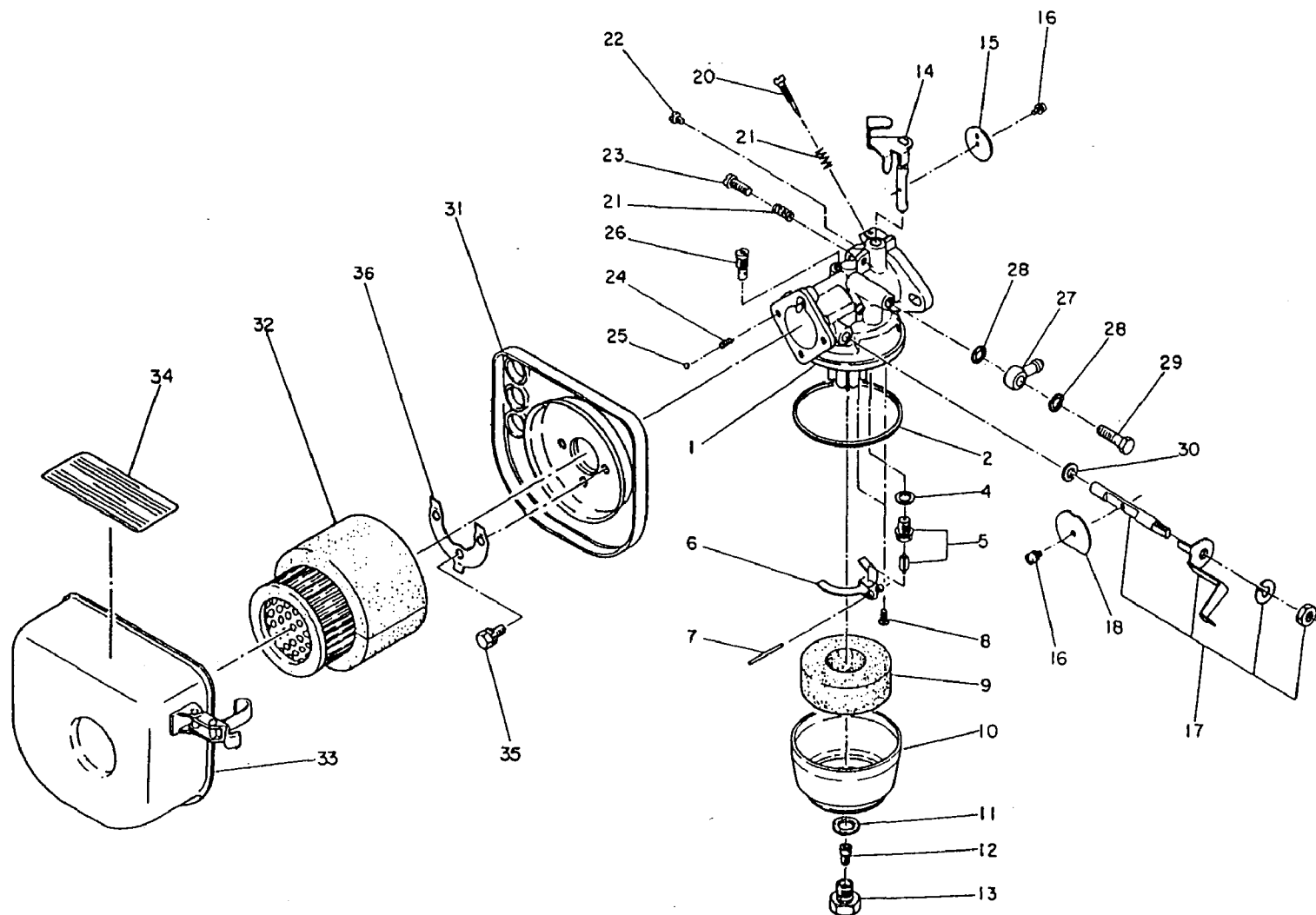
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1. FUEL TANK

## 5. FUEL TANK

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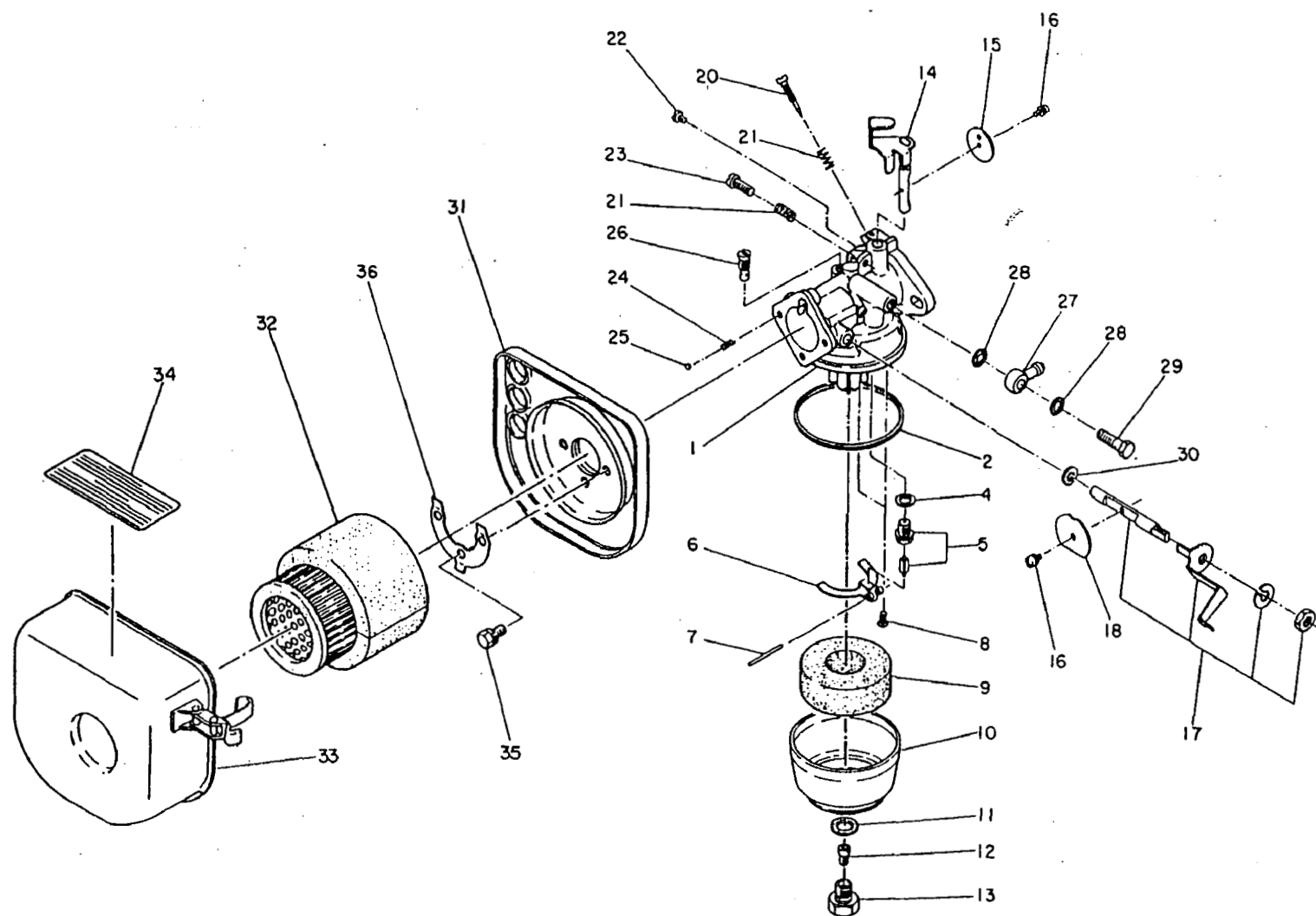
6. CARBURETOR & AIR CLEANER EC10D(ME1WA:RT-75,RT-70) JUN' 82 6.

Flange Mount type for  
EC10D (MEIWA SEISAKUSHO LTD.)

6. CARBURETOR & AIR CLEANER

Ref. to Fig. EC10D (MEIWA;RT-75, RT-70) JUN'82 6

| Ref.<br>No. | Part Name               | Part Number  | EC10D |  |      |  |      |  | Remarks    | Price |
|-------------|-------------------------|--------------|-------|--|------|--|------|--|------------|-------|
|             |                         |              | Q'ty  |  | Q'ty |  | Q'ty |  |            |       |
| * 1         | CARBURETOR ASSY         | 106 62516 00 | 1     |  |      |  |      |  | Incl. 2~30 |       |
| 2           | PACKING (float chamber) | 106 62547 08 | 1     |  |      |  |      |  |            |       |
| 4           | PACKING                 | 106 62381 08 | 1     |  |      |  |      |  |            |       |
| 5           | NEEDLE VALVE (1.50IA)   | 128 62500 08 | 1     |  |      |  |      |  |            |       |
| 6           | FLOAT ARM               | 106 62511 08 | 1     |  |      |  |      |  |            |       |
| 7           | PIN (float)             | 106 62516 08 | 1     |  |      |  |      |  |            |       |
| 8           | SCREW                   | 130 62358 08 | 1     |  |      |  |      |  |            |       |
| 9           | FLOAT                   | 106 62508 08 | 1     |  |      |  |      |  |            |       |
| 10          | FLOAT CHAMBER           | 106 62389 08 | 1     |  |      |  |      |  |            |       |
| 11          | PACKING (main jet)      | 206 62431 08 | 1     |  |      |  |      |  |            |       |
| 12          | REVERSE MAIN JET        | 207 62403 08 | 1     |  |      |  |      |  |            |       |
| 13          | GUIDE HOLDER            | 206 62350 08 | 1     |  |      |  |      |  |            |       |
| 14          | SHAFT ASSY (throttle)   | 106 62534 08 | 1     |  |      |  |      |  |            |       |
| 15          | THROTTLE VALVE          | 106 62538 08 | 1     |  |      |  |      |  |            |       |
| 16          | SCREW AND WASHER        | 209 62351 08 | 2     |  |      |  |      |  |            |       |
| 17          | SHAFT ASSY. (choke)     | 106 62553 08 | 1     |  |      |  |      |  |            |       |
| 18          | CHOKE VALVE             | 106 62554 08 | 1     |  |      |  |      |  |            |       |
| 20          | PILOT SCREW             | 106 62436 08 | 1     |  |      |  |      |  |            |       |
| 21          | SPRING                  | 206 62446 08 | 2     |  |      |  |      |  |            |       |
| 22          | GUIDE SCREW             | 106 62357 08 | 1     |  |      |  |      |  |            |       |
| 23          | SCREW                   | 106 62358 08 | 1     |  |      |  |      |  |            |       |
| 24          | CHOKE SPRING            | 209 62446 08 | 1     |  |      |  |      |  |            |       |
| 25          | STEEL BALL              | 209 62353 08 | 1     |  |      |  |      |  |            |       |
| 26          | PILOT JET               | 207 62420 08 | 1     |  |      |  |      |  |            |       |
| 27          | BANJO                   | 052 10601 00 | 1     |  |      |  |      |  |            |       |



6. CARBURETOR & AIR CLEANER EC10D(ME1WA;RT-15,RT-70) JUN' 82 8.

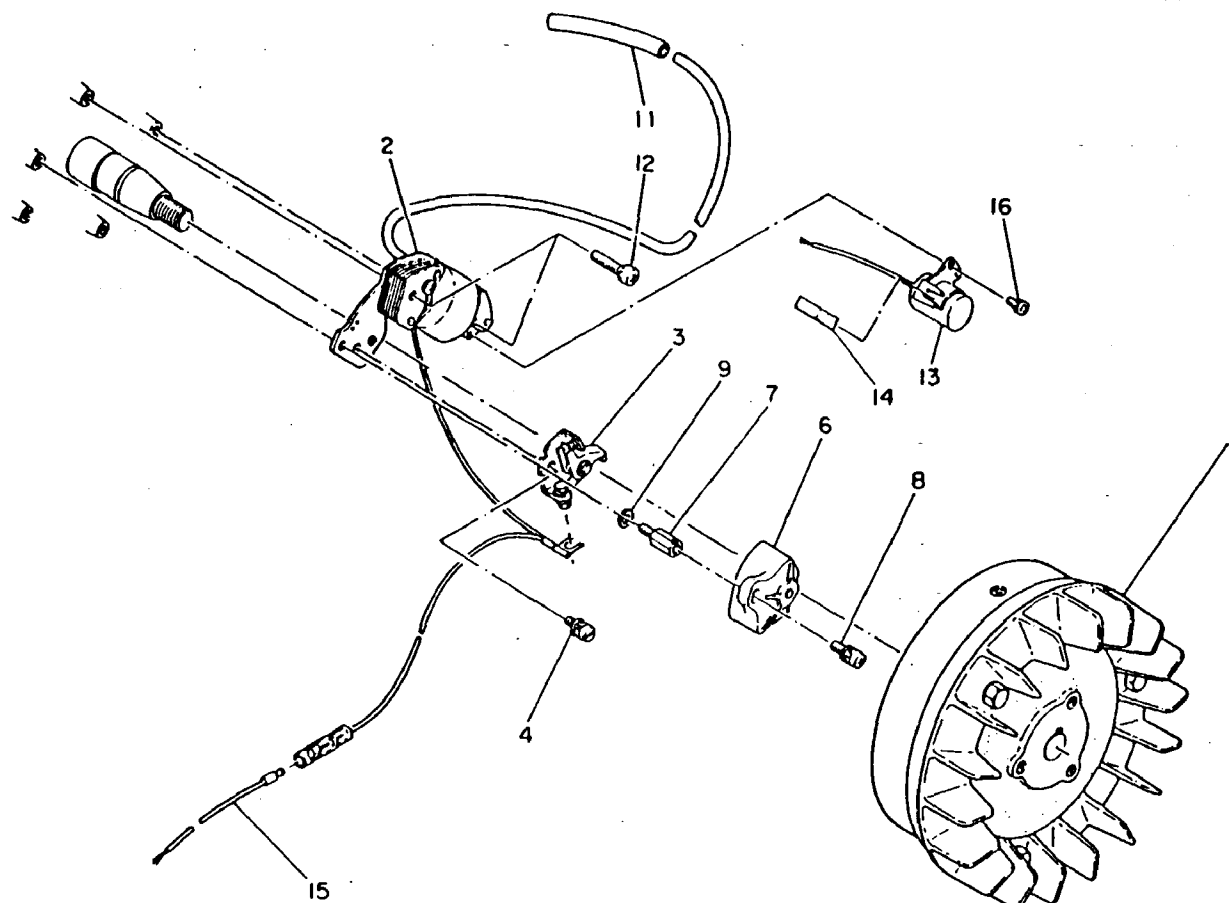
Flange Mount type for  
EC10D (MEIWA SEISAKUSHO LTD.)

## 6. CARBURETOR & AIR CLEANER

Ref. to Fig. EC10D (MEIWA:RT-75, RT-70) JUN'82 6.

8

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7. MAGNETO

EC180(ME1WA:RT-15,RT-10) JUN' 82 1.

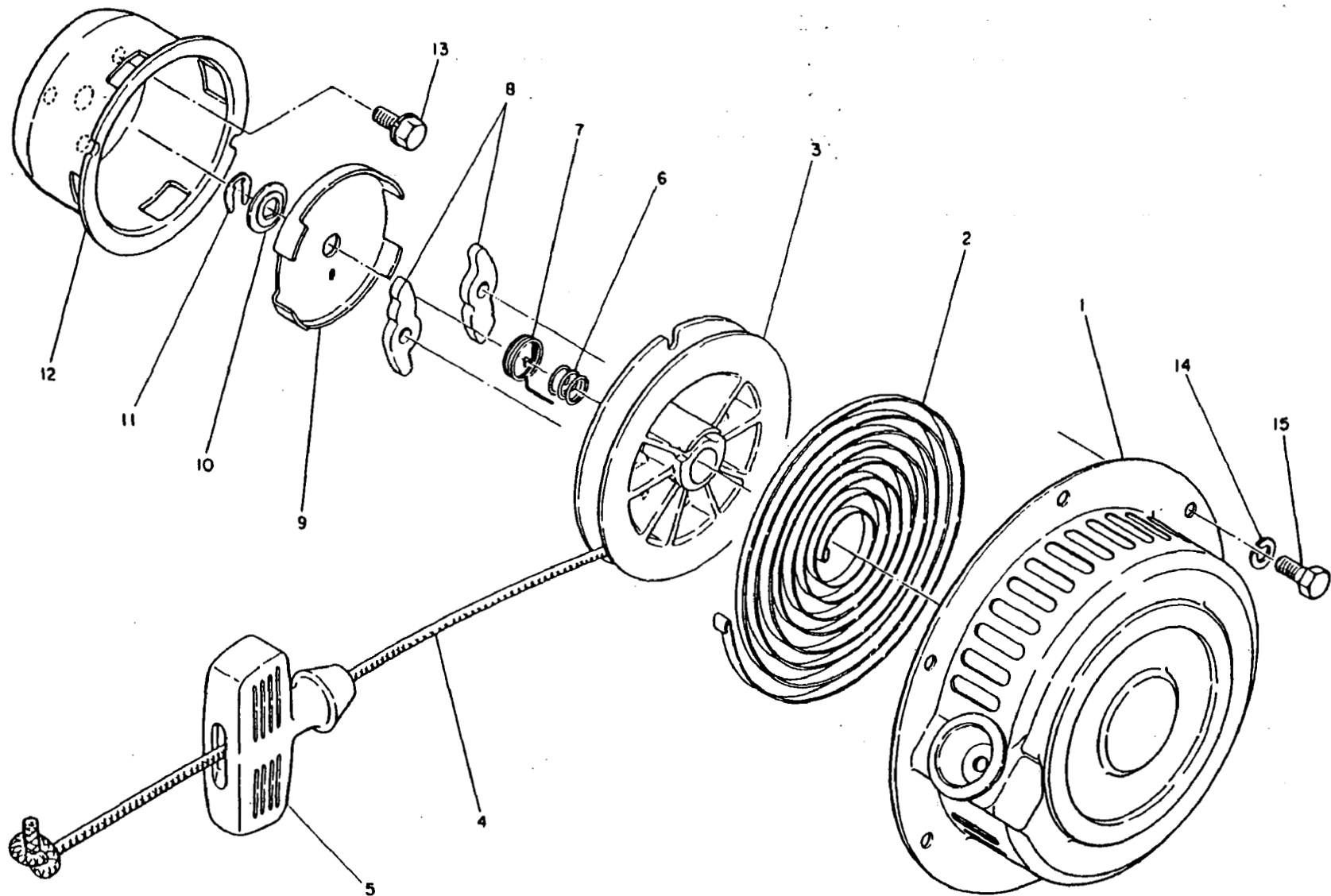
Flange Mount type for  
EC10D (MEIWA SEISAKUSHO LTD.)

## 7. MAGNETO

Ref. to Fig. EC10D (MEIWA;RT-75, RT-70) JUN'82 7.

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1. RECOIL STARTER

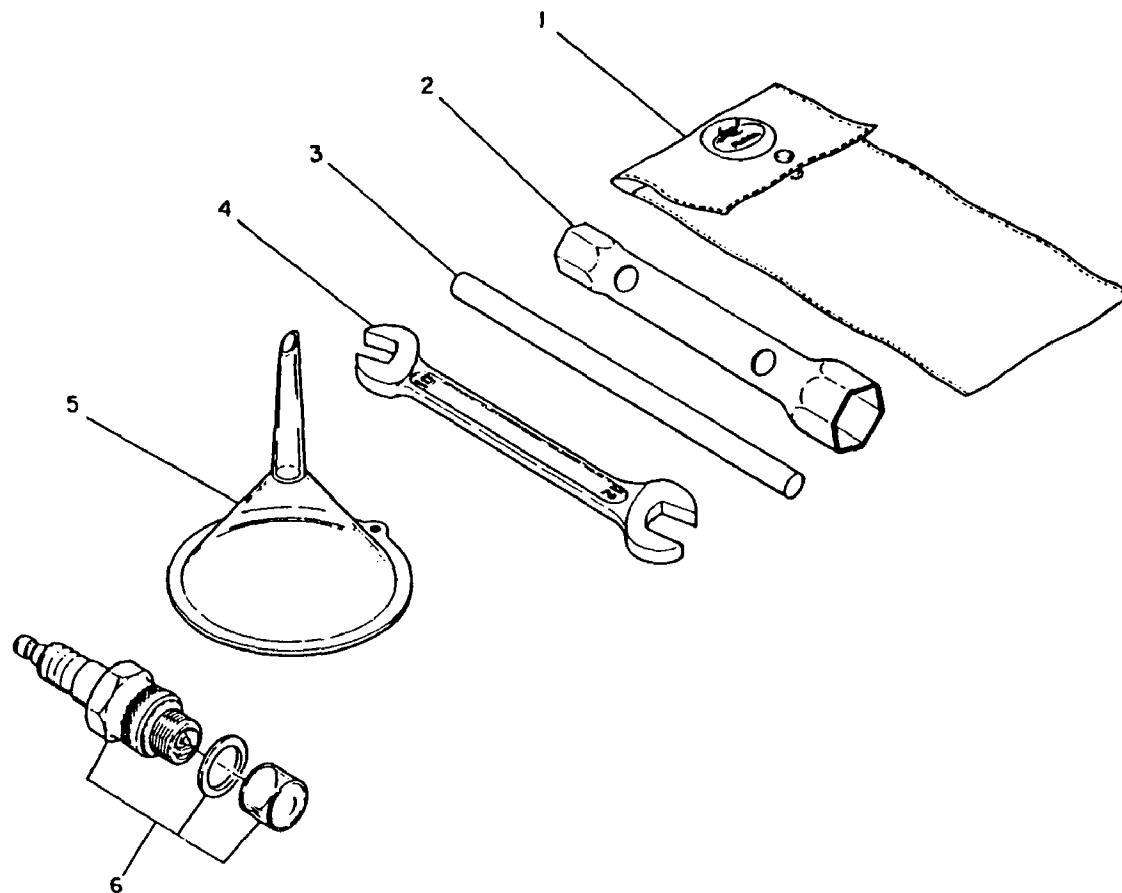
Flange Mount type for  
EC10D (MEIWA SEISAKUSHO LTD.)

## 8. RECOIL STARTER

Ref. to Fig. EC10D (MEIWA:RT-75, RT-70) JUN'82 8.

10

[illegible]



Flange Mount type for  
EC10D (MEIWA SEISAKUSHO LTD.)

## 9. ACCESSORIES

Ref. to Fig. EC10D (MEIWA;RT-75, RT-70) JUN'82 9.

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## NOTES



**Robin America, Inc.**

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