



**Robin Engines**

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**Model EC12**  
**for WEBER**  
**PARTS CATALOG**

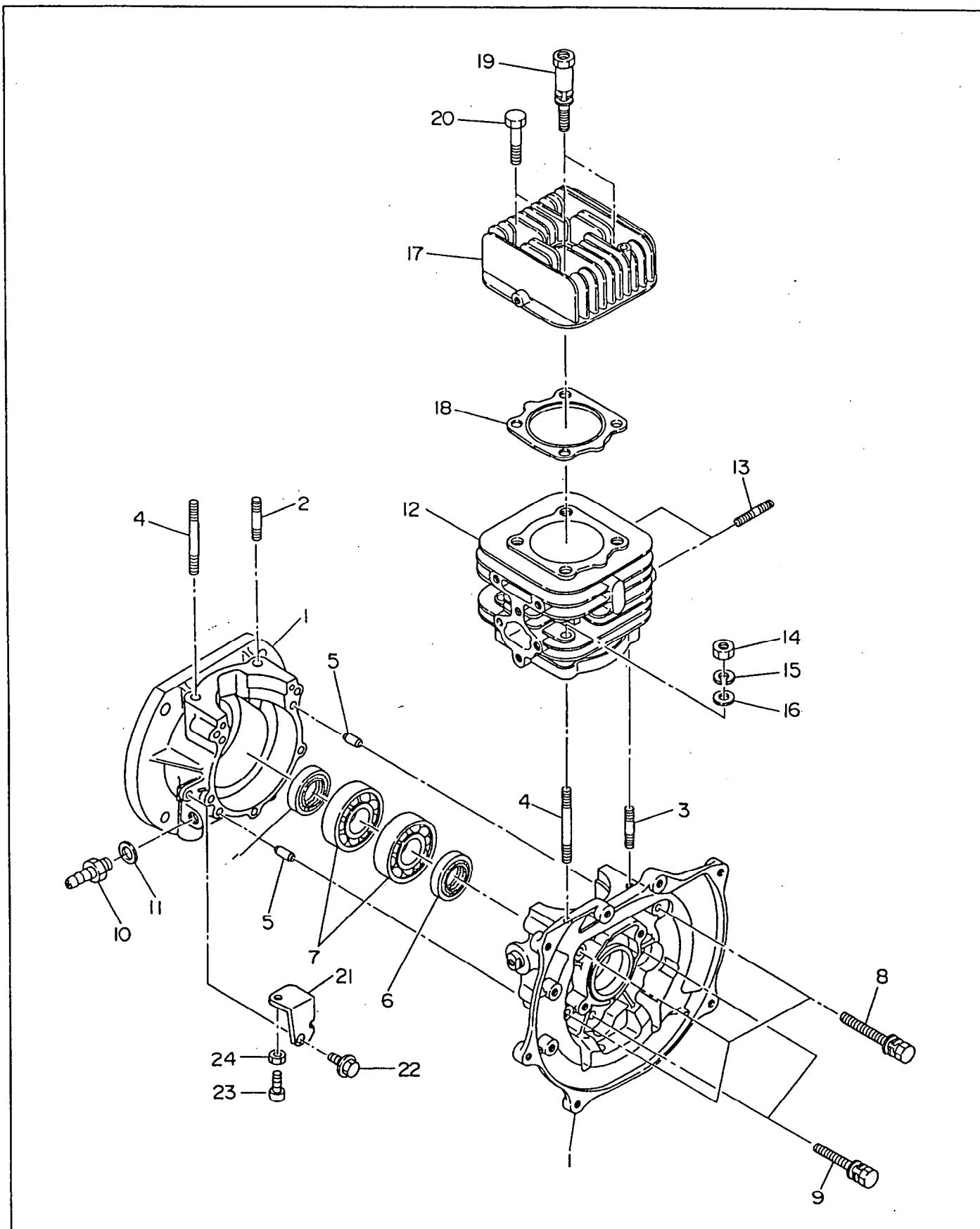
**Spec.No.EC120D47130**

**【Revised】**

 **FUJI HEAVY INDUSTRIES LTD.**

**ISSUE EMD-EP5475**

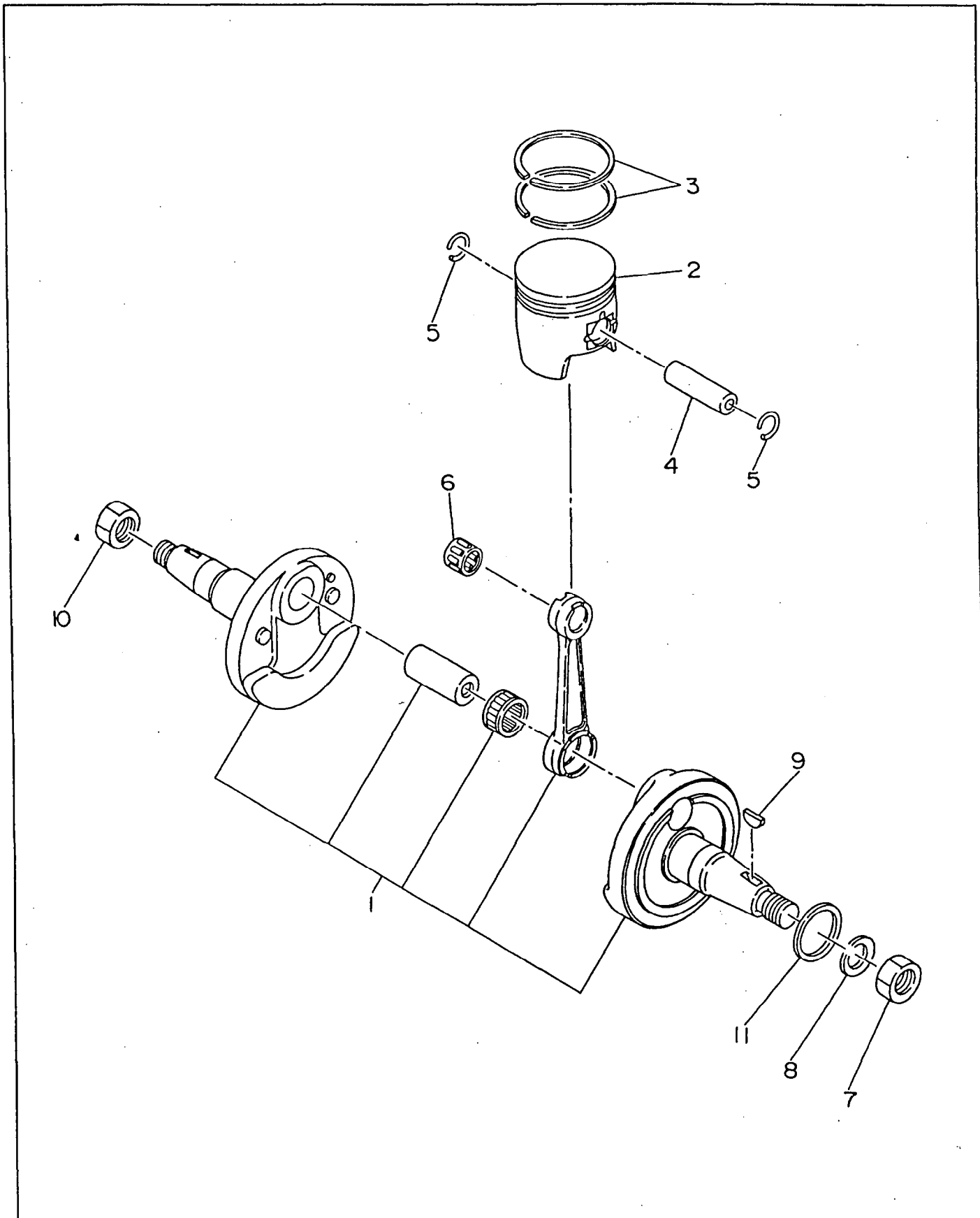
FIG. 1 CRANKCASE and CYLINDER HEAD



### └ Interchangeability

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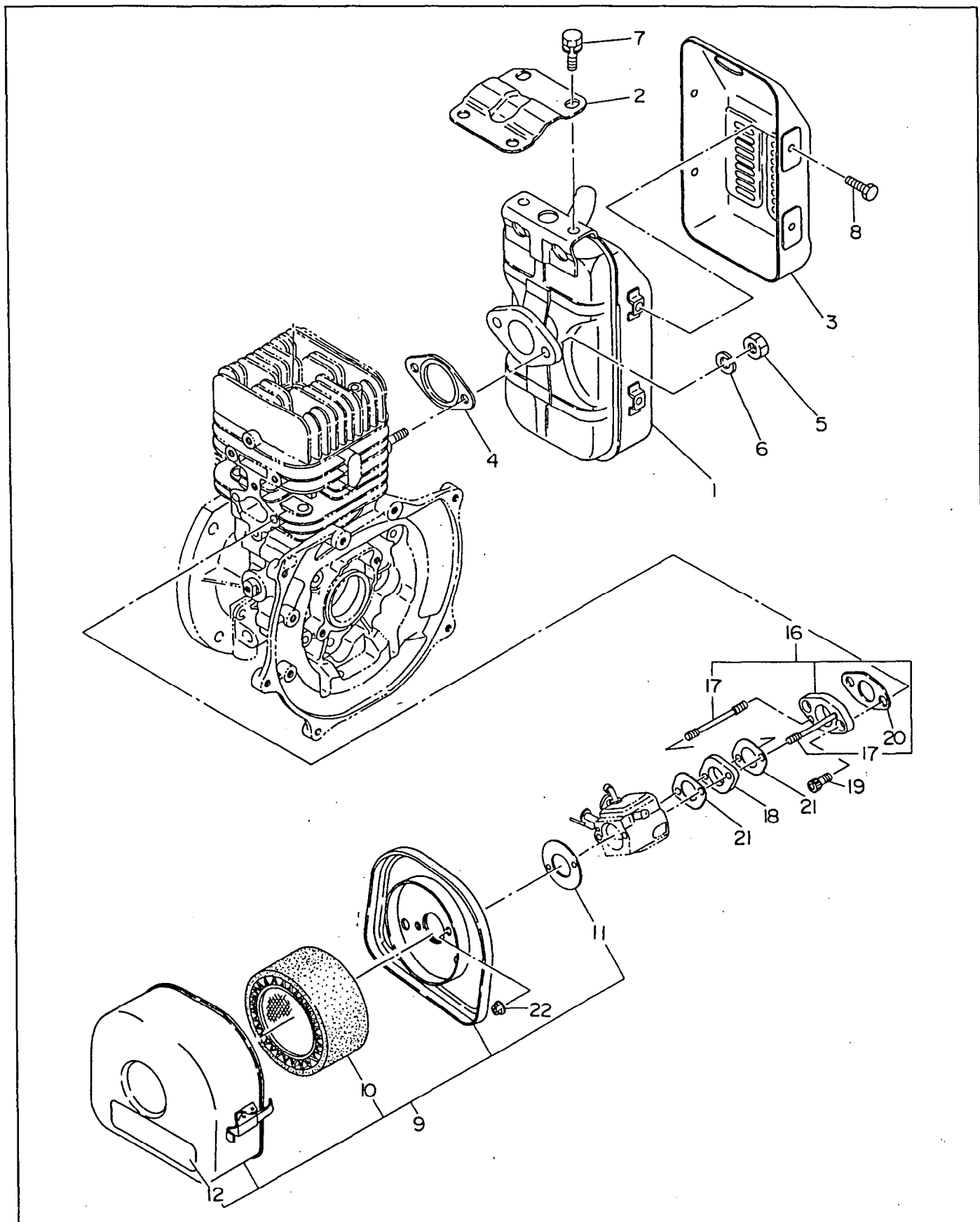
FIG. 2 CRANKSHAFT and PISTON



### └ Interchangeability

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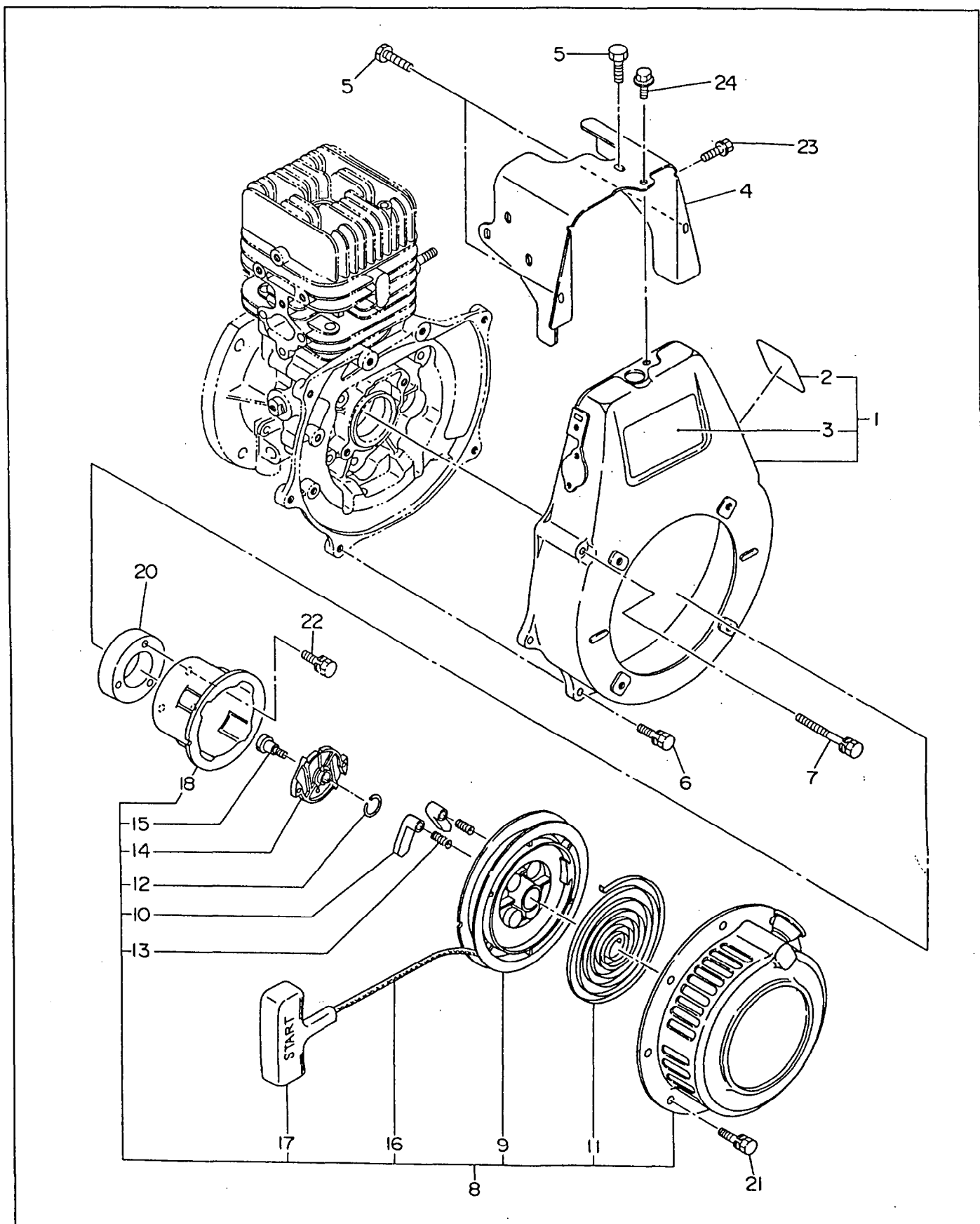
FIG. 3 MUFFLER and AIR CLEANER



### Interchangeability

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FIG. 4 BLOWER HOUSING and RECOIL STARTER

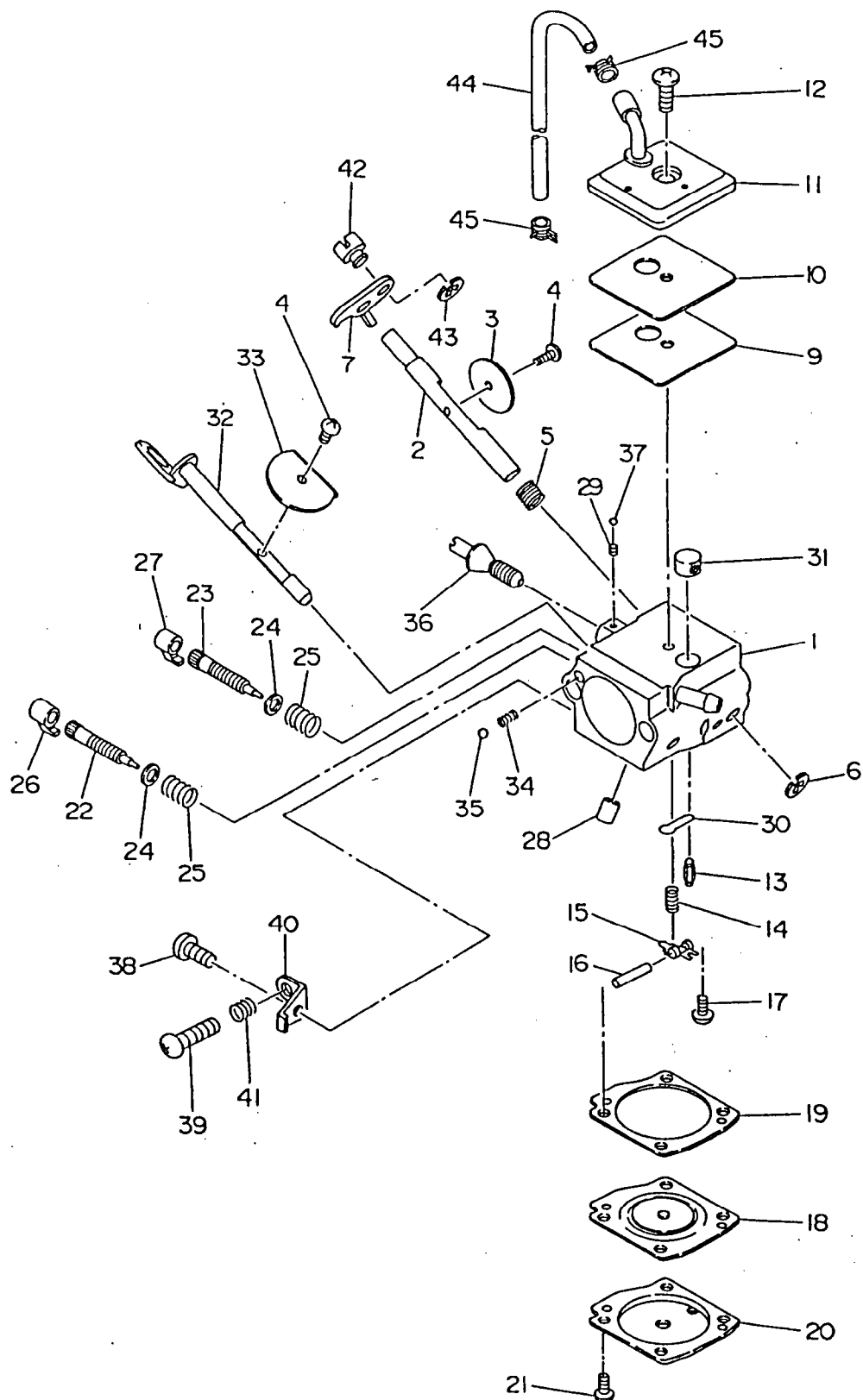


### └ Interchangeability

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**FIG. 5-1 CARBURETOR(serial No. less than #1021419)**

"ZAMA" Carburetor installed on the engines with serial numbers less than # 1021419.



**FIG. 5-1 CARBURETOR(serial No. less than #1021419)**

Interchangeability

| Ref. No. | Parts Number     | Description                               | Q'ty | Execution |
|----------|------------------|-------------------------------------------|------|-----------|
| * 1      | 161 - 62402 - 10 | CARBURETOR ASS'Y Includes items 2 thru 41 | 1    |           |
| 2        | 161 - 62495 - 08 | SHAFT ASS'Y (throttle)                    | 1    |           |
| 3        | 106 - 62498 - 08 | VALVE (throttle)                          | 1    |           |
| 4        | 106 - 62497 - 08 | SCREW                                     | 2    |           |
| 5        | 161 - 62494 - 08 | SPRING (throttle return)                  | 1    |           |
| 6        | 161 - 62493 - 08 | E - RING (throttle shaft)                 | 1    |           |
| 9        | 106 - 62492 - 08 | DIAPHRAGM (pump)                          | 1    |           |
| 10       | 106 - 62491 - 08 | GASKET (pump)                             | 1    |           |
| 11       | 161 - 62498 - 08 | COVER ASS'Y (pump)                        | 1    |           |
| 12       | 106 - 62489 - 08 | SCREW                                     | 1    |           |
| 13       | 106 - 62488 - 08 | VALVE (inlet needle)                      | 1    |           |
| 14       | 106 - 62487 - 08 | SPRING (metering lever)                   | 1    |           |
| 15       | 161 - 62497 - 08 | LEVER (metering)                          | 1    |           |
| 16       | 106 - 62485 - 08 | PIN                                       | 1    |           |
| 17       | 106 - 62484 - 08 | SCREW (pin)                               | 1    |           |
| 18       | 106 - 62483 - 08 | DIAPHRAGM ASS'Y (metering)                | 1    |           |
| 19       | 106 - 62482 - 08 | GASKET                                    | 1    |           |
| 20       | 106 - 62481 - 08 | COVER (metering)                          | 1    |           |
| 21       | 106 - 62480 - 08 | SCREW                                     | 4    |           |
| 22       | 106 - 62479 - 08 | SCREW (main mixture)                      | 1    |           |
| 23       | 106 - 62478 - 08 | SCREW (idle mixture)                      | 1    |           |
| 24       | 106 - 62477 - 08 | WASHER                                    | 2    |           |
| 25       | 106 - 62476 - 08 | SPRING (adjust screw)                     | 2    |           |
| 26       | 106 - 62475 - 08 | LIMITER (main mixture)                    | 1    |           |
| 27       | 106 - 62474 - 08 | LIMITER (idle mixture)                    | 1    |           |
| 28       | 106 - 62473 - 08 | NOZZLE ASS'Y                              | 1    |           |
| 29       | 106 - 62472 - 08 | PIECE                                     | 1    |           |
| 30       | 106 - 62471 - 08 | PLUG                                      | 1    |           |
| 31       | 106 - 62470 - 08 | STRAINER                                  | 1    |           |
| 32       | 161 - 62496 - 08 | SHAFT ASS'Y (choke)                       | 1    |           |
| 33       | 106 - 62468 - 08 | VALVE (choke)                             | 1    |           |
| 34       | 106 - 62467 - 08 | SPRING                                    | 1    |           |
| 35       | 106 - 62466 - 08 | BALL (steel)                              | 1    |           |
| 36       | 106 - 62465 - 08 | SCREW (adjust)                            | 1    |           |
| 37       | 106 - 62464 - 08 | BALL (plastic)                            | 1    |           |
| 38       | 161 - 62491 - 08 | SCREW                                     | 1    |           |
| 39       | 161 - 62490 - 08 | SCREW (throttle adjust)                   | 1    |           |
| 40       | 161 - 62492 - 08 | LEVER (throttle adjust)                   | 1    |           |
| 41       | 106 - 62476 - 08 | SPRING (adjust spring)                    | 1    |           |
| 42       | 161 - 62489 - 08 | POST                                      | 1    |           |
| 43       | 161 - 62493 - 08 | E - RING                                  | 1    |           |
| 44       | 085 - 10400 - 00 | RUBBER PIPE (4.5D x 9D x 210 ℓ)           | 1    |           |
| 45       | 056 - 10800 - 20 | HOSE CLAMP                                | 2    |           |

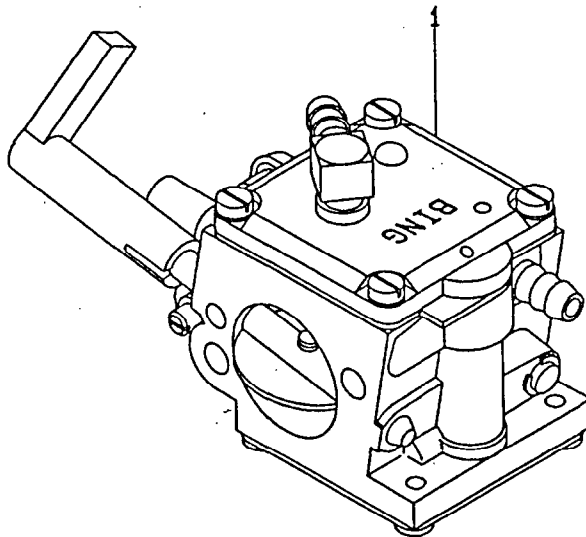
**FIG. 5-2 CARBURETOR(serial No. 1021420 and after)**

P/No. 161 - 62500 - 00

(BING P/No. 49B104)

Component parts for "BING" carburetor are not available from FHL.

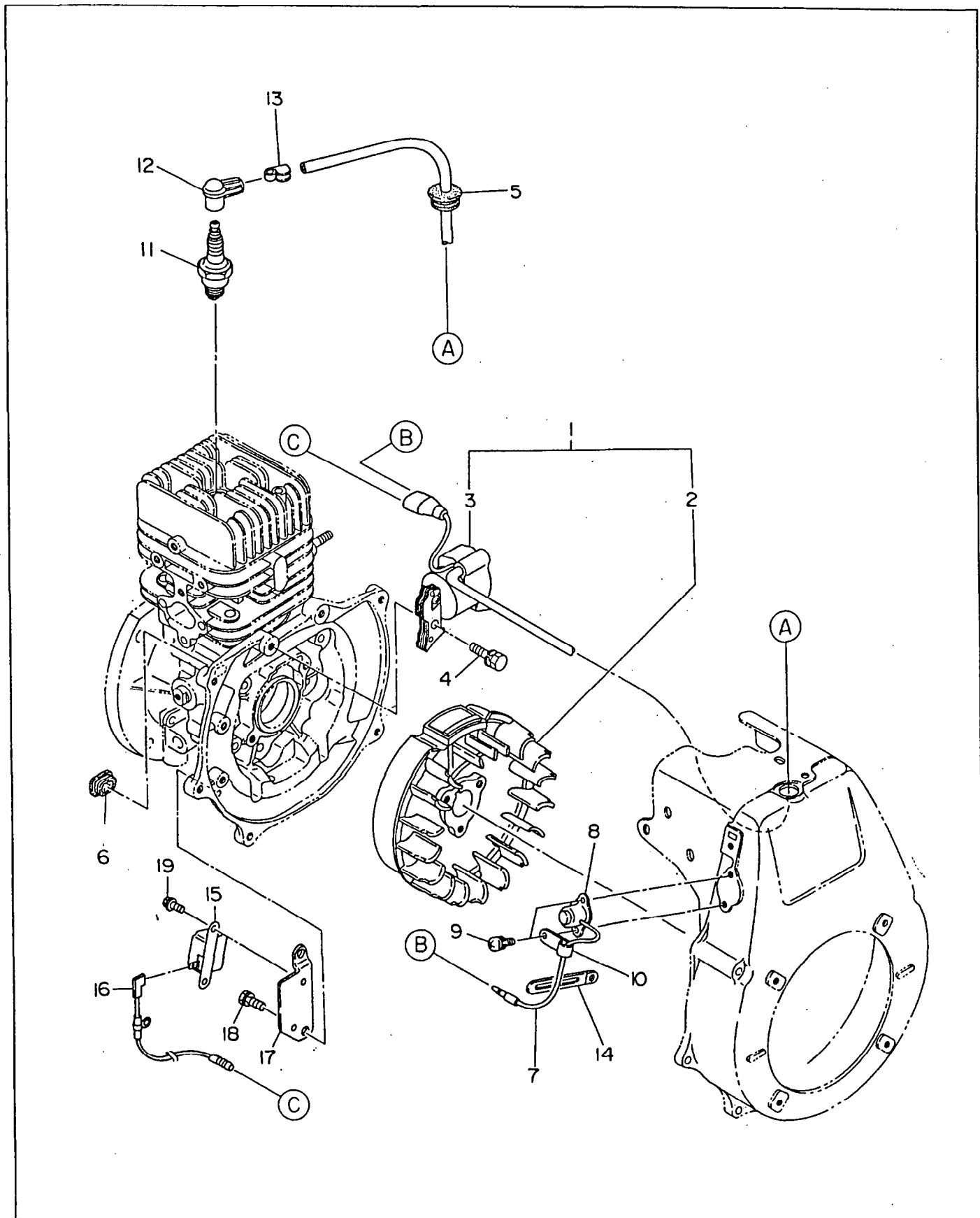
Please inquire of BING dealers.



**FIG. 5-2 CARBURETOR(serial No. 1021420 and after)**

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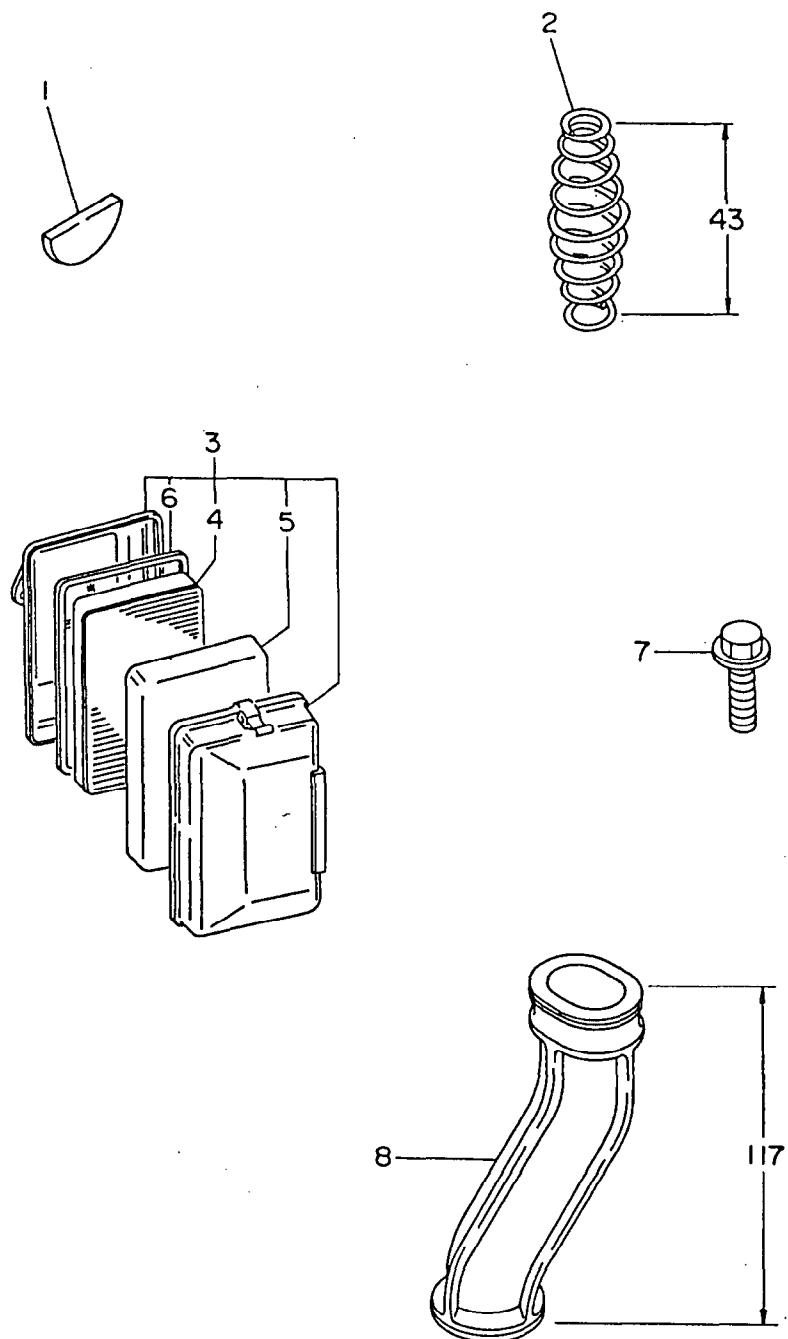
FIG. 6 ELECTRIC DEVICE



### └ Interchangeability

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FIG. 7 PARTS TO BE SHIPPED LOOSE



**FIG. 7 PARTS TO BE SHIPPED LOOSE**

[illegible]