

---

**MIKUNI PREHEATER**

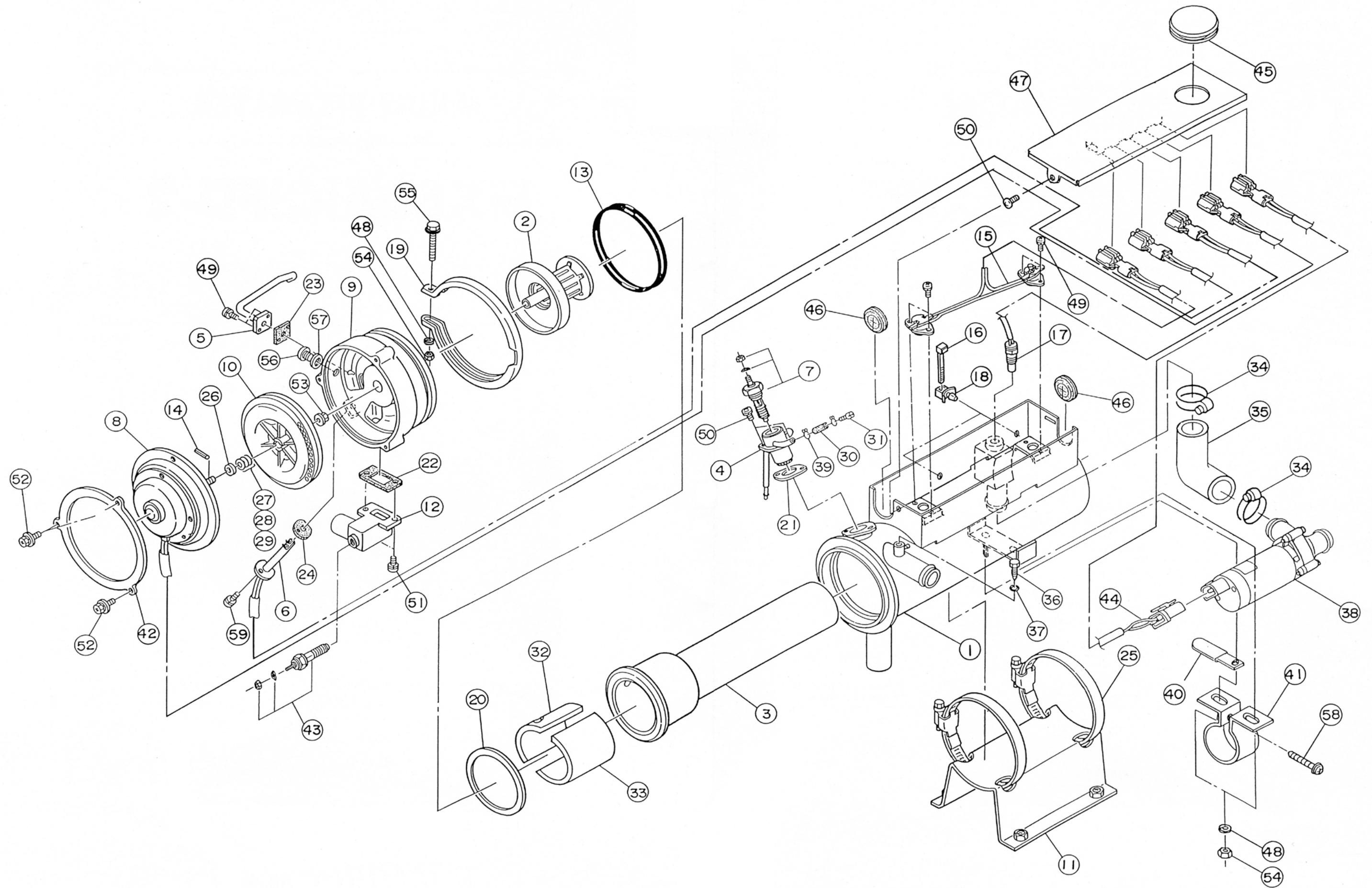
---

**MX60A(C)FD-2**

**PARTS LIST**

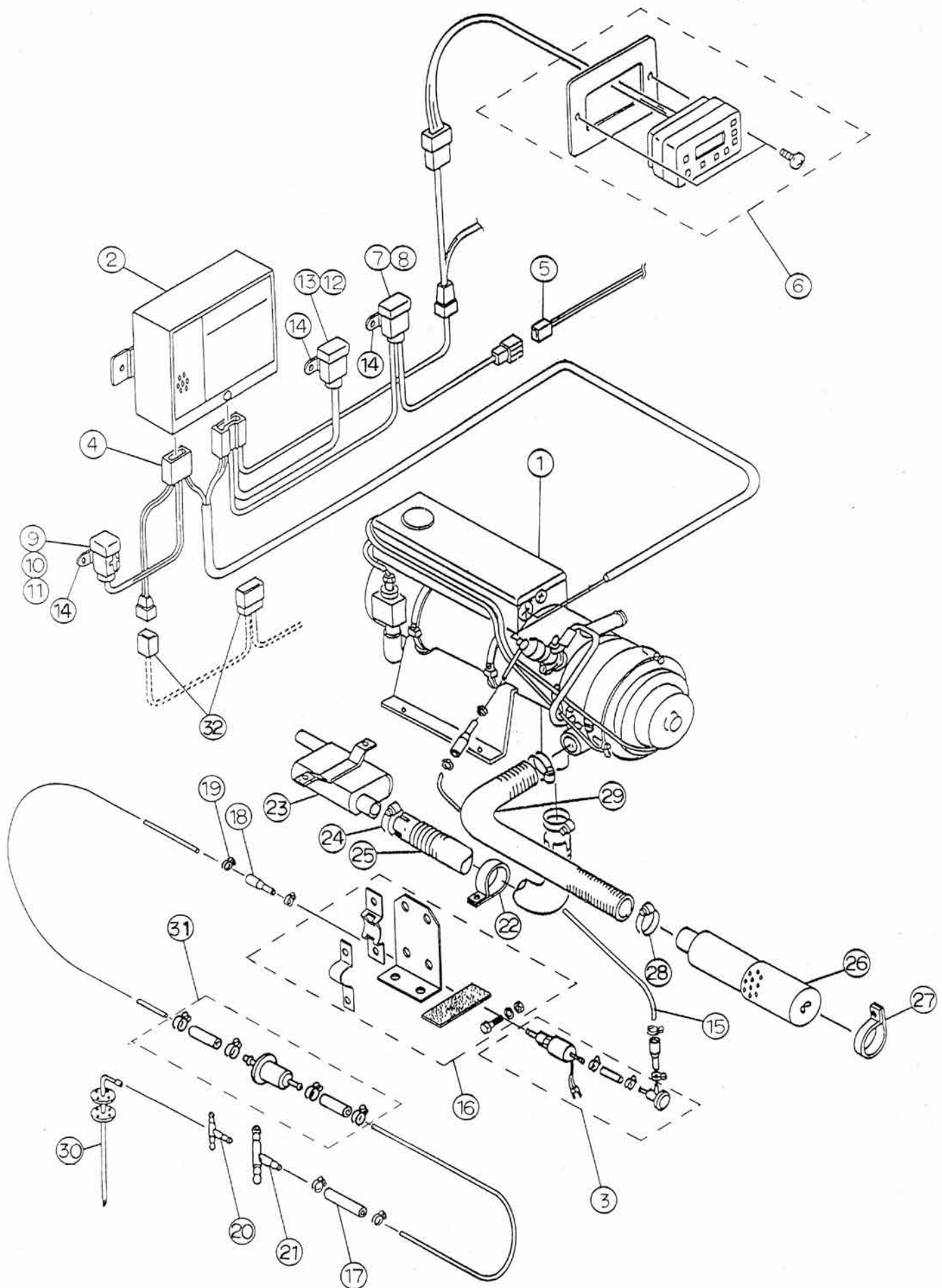
---

# ■PREHEATER



| Ref. No.                    | Description           | Part Number  | Ref. No.                                         | Description                    | Part Number |
|-----------------------------|-----------------------|--------------|--------------------------------------------------|--------------------------------|-------------|
| <b>PREHEATER (24V TYPE)</b> |                       |              | 38                                               | Water pump                     | 504 091A    |
| 1                           | Heat exchanger ass'y  | 533 857      | 39                                               | Spring clip                    | 007 124     |
| 2                           | Pipe ass'y            | 533 576D     | 40                                               | Clamp                          | 007 035     |
| 3                           | Burner tube           | 533 586B     | 41                                               | Holder                         | 541 607     |
| 4                           | Glow plug boss ass'y  | 533 588E     | 42                                               | Plate                          | 533 399     |
| 5                           | Pipe ass'y            | 533 593A     | 43                                               | Glow resistor ass'y (24V only) | 060 197     |
| 6                           | Flame sensor ass'y    | 059 253      | 44                                               | Cable ass'y                    | 063 1126    |
| 7                           | Glow plug ass'y       | 061 121      | 45                                               | Grommet                        | 018 033     |
| 8                           | Motor ass'y           | 054 405      | 46                                               | Grommet                        | 018 100     |
| 9                           | Housing               | 533 554      | 47                                               | Cover ass'y                    | 533 869     |
| 10                          | Blower                | 035 001      | 48                                               | Spring washer                  | W4-06       |
| 11                          | Support               | 533 871      | 49                                               | Screw                          | CW2=0306    |
| 12                          | Air inlet             | 533 874      | 50                                               | Screw                          | CW2=0408    |
| 13                          | O-ring                | 010 068A     | 51                                               | Screw                          | CW2=0510    |
| 14                          | Spring pin            | 021 021      | 52                                               | Bolt                           | BW3=0516    |
| 15                          | Thermostat ass'y      | 059 252      | 53                                               | U nut                          | 002 115     |
| 16                          | Band                  | 007 038      | 54                                               | Nut                            | N1-06       |
| 17                          | Thermistor            | 042 170A     | 55                                               | Bolt                           | BW3=0635    |
| 18                          | Clamp                 | 007 280      | 56                                               | Screw                          | 001 130     |
| 19                          | Band                  | 007 287      | 57                                               | Packing                        | 011 103     |
| 20                          | Seat                  | 011 098A     | 58                                               | Screw                          | CW2=0530    |
| 21                          | Packing               | 011 099      | 59                                               | Screw                          | CW2=0308    |
| 22                          | Packing               | 011 100      |                                                  |                                |             |
| 23                          | Packing               | 011 101      |                                                  |                                |             |
| 24                          | Packing               | 011 102      |                                                  |                                |             |
| 25                          | Clamp                 | 007 016      | <b>PREHEATER (12V TYPE)</b>                      |                                |             |
| 26                          | Washer                | 003 081      | Different parts from 24V TYPE are shown in below |                                |             |
| 27                          | Shim (for adjustment) | 003 083      | 8                                                | Motor ass'y                    | 054 406     |
| 28                          | Shim (for adjustment) | 003 084      | 12                                               | Air inlet                      | 533 878     |
| 29                          | Shim (for adjustment) | 003 085      | 38                                               | Water pump                     | 504 090A    |
| 30                          | Hose                  | 016 184      |                                                  |                                |             |
| 31                          | Jet                   | N102 221-210 |                                                  |                                |             |
| 32                          | Wick A                | 533 669      |                                                  |                                |             |
| 33                          | Wick B                | 533 668      |                                                  |                                |             |
| 34                          | Clamp                 | 007 272      |                                                  |                                |             |
| 35                          | Elbow                 | 009 049      |                                                  |                                |             |
| 36                          | Air release valve     | 001 041      |                                                  |                                |             |
| 37                          | O-ring                | 010 014      |                                                  |                                |             |

# STRUCTURE & COMPONENT PARTS



# ACCESSORY PARTS LIST (STANDARD MODEL)

|                       |    |                      | 24 V        | 12 V | Q'ty | Remarks            |
|-----------------------|----|----------------------|-------------|------|------|--------------------|
| Heater set            |    |                      | MX60AFD2-01 |      | 1    |                    |
|                       | 1  | Heater body          | MX60AFD-2   |      | 1    |                    |
|                       | 2  | Control box          | 057550      |      | 1    |                    |
|                       | 3  | Fuel pump Assy       | 503252      |      | 1    |                    |
| Accessory Kit         |    |                      | 960A06      |      | 1    |                    |
| Electrical equipment  | 4  | Cable Assy           | 0631122     |      | 1    |                    |
|                       | 5  | Connector kit        | 990695      |      | 1    |                    |
|                       | 6  | Timer kit            | 990673      |      | 1    |                    |
|                       | 7  | Fuse holder          | 065101      |      | 1    |                    |
|                       | 8  | Fuse                 | 065102      |      | 1    | 30A                |
|                       | 9  | Fuse holder          | 065133      |      | 1    |                    |
|                       | 10 | Fuse                 | 065109      |      | 1    | 7.5A               |
|                       | 11 | Fuse                 | 065113      |      | 1    | 3A                 |
|                       | 12 | Fuse holder          | 065125      |      | 1    |                    |
|                       | 13 | Fuse                 | 065127      |      | 1    | 25A                |
|                       | 14 | Bracket              | 065087      |      | 3    |                    |
| Fuel system           | 15 | Fuel pipe            | 016343      |      | 1    | ø5 × ø3 L=7,000    |
|                       | 16 | Fuel pipe            | 990682A     |      | 1    |                    |
|                       | 17 | Rubber hose          | 016342      |      | 1    |                    |
|                       | 18 | Reducer              | 009027      |      | 3    |                    |
|                       | 19 | Clamp                | 007329      |      | 8    |                    |
|                       | 20 | T-joint              | 020339      |      | 2    | ø6 × ø6 × ø6       |
|                       | 21 | T-joint              | 020333A     |      | 2    | ø8 × ø8 × ø6       |
| Exhaust system        | 22 | Clamp                | 007344      |      | 1    |                    |
|                       | 23 | Muffler              | 533598A     |      | 1    |                    |
|                       | 24 | Clamp                | 007320A     |      | 2    |                    |
|                       | 25 | Flexile tube         | 005115A     |      | 1    | SUS ø27 × 1,000mm  |
| Combustion air system | 26 | Silencer             | 533722A     |      | 1    | For combustion air |
|                       | 27 | Clamp                | 007059      |      | 1    |                    |
|                       | 28 | Clamp                | 007272      |      | 1    | APK ø28 × 1,000mm  |
|                       | 29 | Air suction pipe     | 005116      |      | 2    |                    |
| Option                | 30 | Fuel extraction pipe | 501696A     |      | 1    | For fuel tank      |
|                       | 31 | Fuel filter kit      | 990750      |      | 1    |                    |
|                       | 32 | Relay kit            | 990683      |      | 1    | For heat exchanger |

**MIKUNI CORPORATION**

MIKUNI BLDG. 13-11, SOTOKANDA 6-CHOME  
CHIYODA-KU, TOKYO 101, JAPAN  
PHONE: +81(3)3833-2738 FACSIMILE: +81(3)3834-3977