

FIG. 21

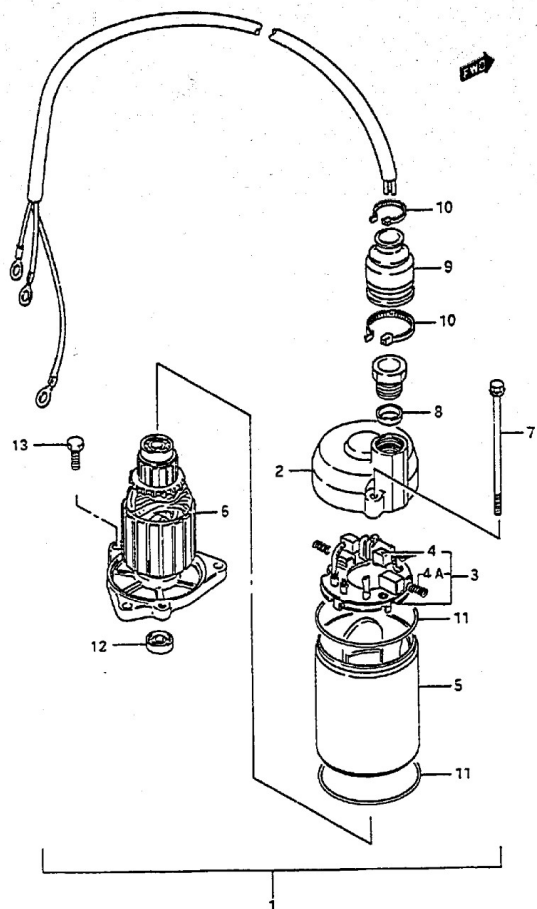


FIG. 21 ( E- 4) PTT MOTOR (DT90:MODEL:89,90/DT100:MODEL:89)

| REF. NO. | PART NO.        | DESCRIPTION         | Q'TY | REMARKS |
|----------|-----------------|---------------------|------|---------|
| 1        | 38100-87E10-OED | MOTOR ASSY, PTT     | 1    |         |
| 2        | 31170-87D50-OED | .COVER, UPPER       | 1    |         |
| 3        | 31173-87D52     | .BRUSH HOLDER ASSY  | 1    |         |
| 4        | 31133-87D51     | ..BRUSH             | 2    |         |
| 4A       | 31135-87D50     | ..SPRING            | 2    |         |
| 5        | 31110-87D51-OED | .YOKE ASSY          | 1    |         |
| 6        | 31311-87D51     | .ARMATURE           | 1    |         |
| 7        | 31281-87D50     | .BOLT               | 2    |         |
| 8        | 31179-87D50     | .PACKING, PTT CABLE | 1    |         |
| 9        | 33899-95500     | .SEAL, PTT CABLE    | 1    |         |
| 10       | 09407-25402     | .CLAMP              | 2    |         |
| 11       | 09280-70010     | .O RING             | 2    |         |
| 12       | 33799-94610     | .SEAL, OIL          | 1    |         |
| 13       | 09117-06031     | BOLT                | 3    |         |

COLOR : OED (GRAY)

REFER TO FIG. 22 (E-5) FOR DT90:MODEL:91~97 DT100:MODEL:90~99

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E 4

This exploded view diagram illustrates the assembly of a vacuum cleaner motor unit. The components are numbered as follows:

- 1**: Main motor housing (left side)
- 2**: Motor base / lower housing
- 2 A**: Motor base (bottom view)
- 2 B**: Motor base (side view)
- 3**: Two small screws securing the base
- 4**: Motor winding assembly
- 5**: Upper motor housing / bellows
- 6**: Motor cover / fan guard
- 7**: Screw for the upper housing
- 8**: O-ring / gasket for the base
- 9**: Bolt for the upper housing
- 10**: Nut for the upper housing
- 11**: Power cord plug
- 12**: Power cord plug (alternative type)

The diagram shows the motor assembly (4) being inserted into the base (2). The upper housing (5) is shown above the motor, with a fan guard (6) positioned between them. The power cord (11/12) is shown extending from the base. The exploded view indicates the relative positions and assembly sequence of these components.

| REF.NO. | PART NO.        | DESCRIPTION     | QTY | REMARKS |
|---------|-----------------|-----------------|-----|---------|
| 1       | 38100-87E20-OED | MOTOR ASSY, PTT | 1   |         |
| 2       | 31173-87E00     | .HOLDER, BRUSH  | 1   |         |
| 2A      | 31133-87D00     | ..BRUSH         | 1   |         |
| 2B      | 31136-87D00     | ..BREAKER       | 1   |         |
| 3       | 31135-87D60     | ..SPRING        | 2   |         |
| 4       | 31311-87D60     | .ARMATURE       | 1   |         |
| 5       | 31110-87D60-OED | .YOKE           | 1   |         |
| 6       | 31123-87D60     | .O RING         | 1   |         |
| 7       | 31111-87D60     | .SCREW          | 3   |         |
| 8       | 33799-94610     | .SEAL, OIL      | 1   |         |
| 9       | 48862-87D00     | BOLT            | 3   |         |
| 10      | 48863-87D00     | SPACER          | 3   |         |
| 11      | 09404-06434     | CLAMP           | 1   |         |
| 12      | 02162-06127     | BOLT            | 1   |         |

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