



PARTS CATALOG

Robin

Generators

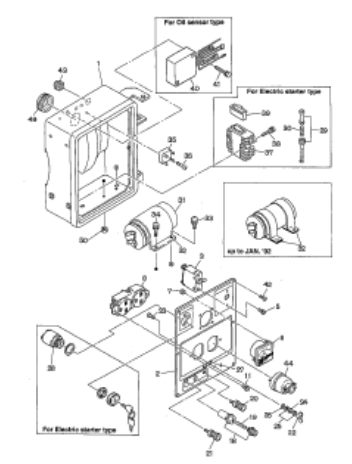
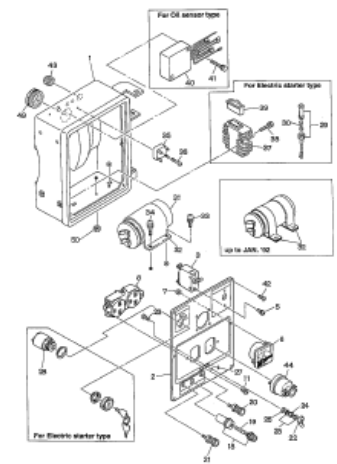
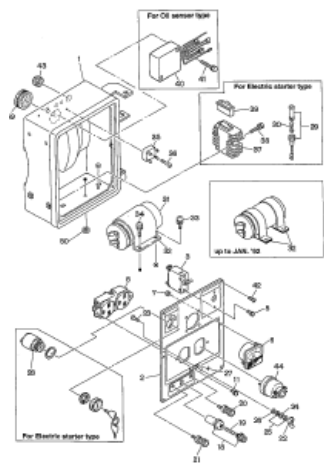
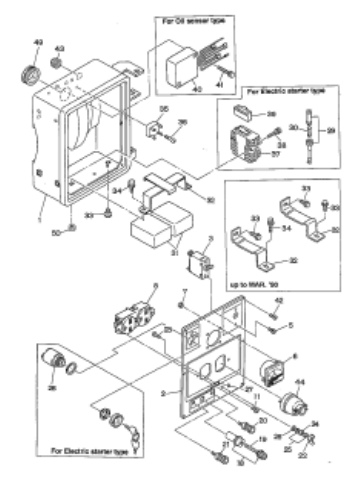
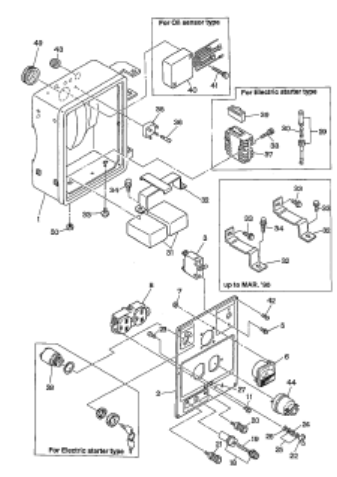
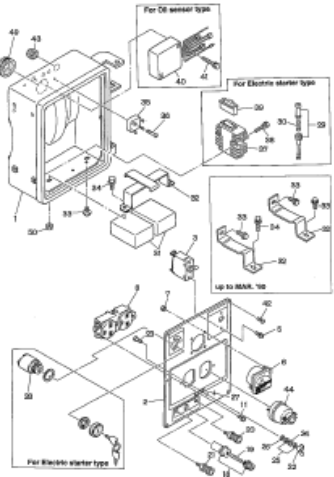
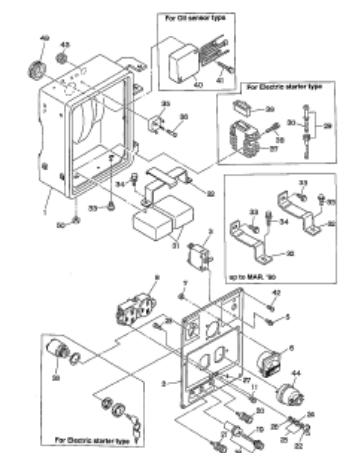
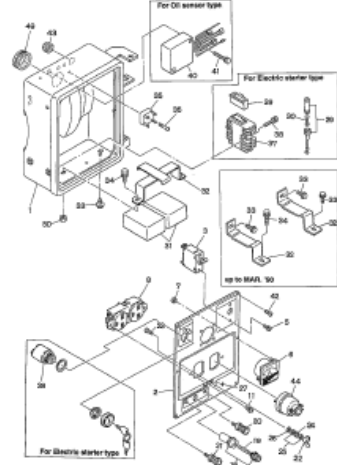
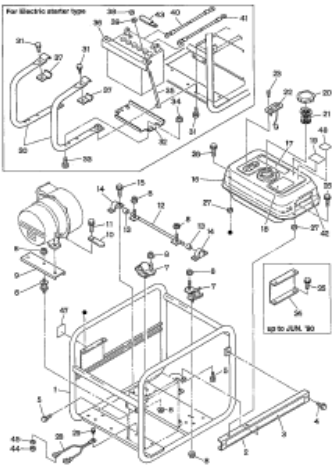
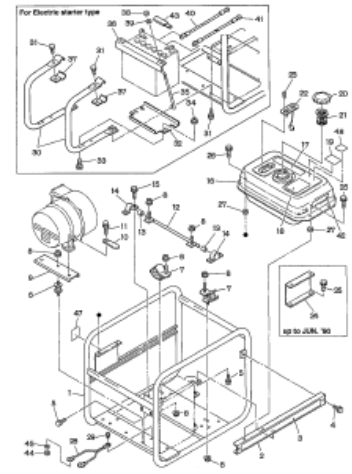
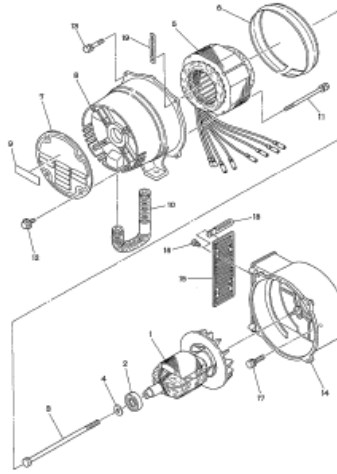
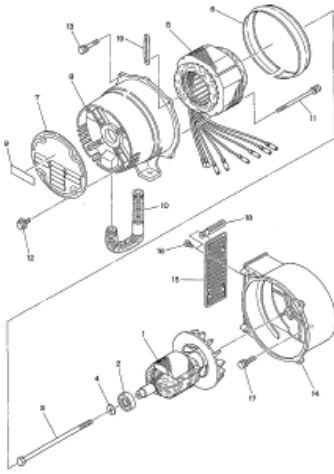
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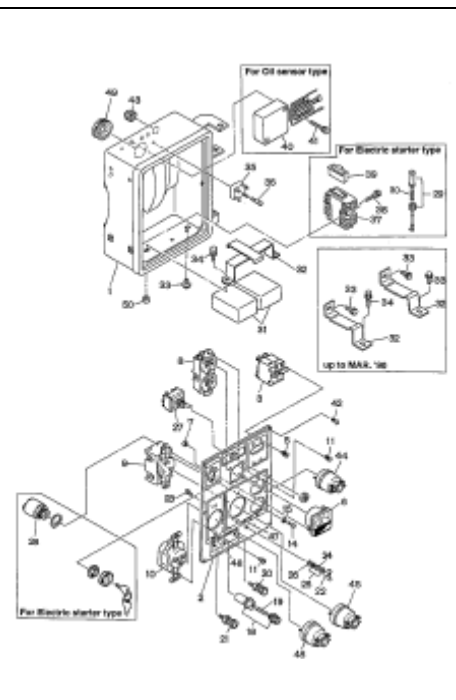
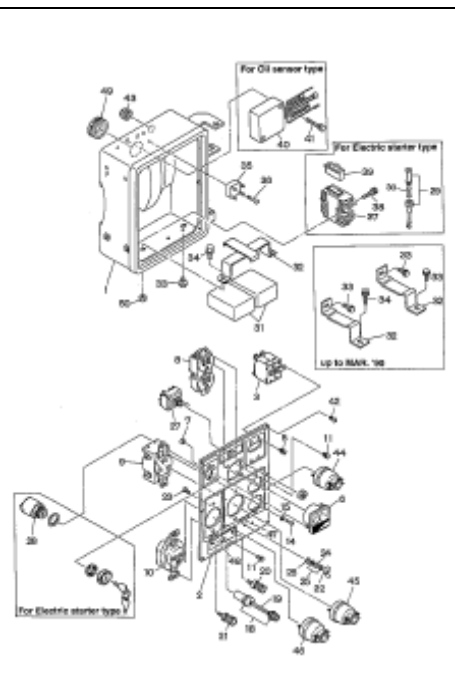
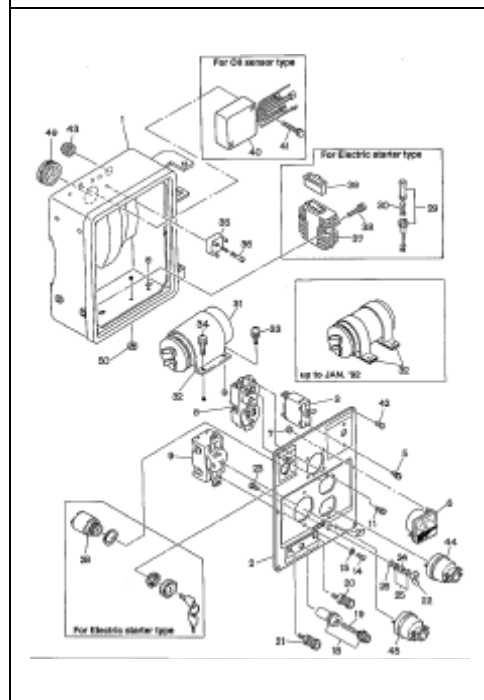
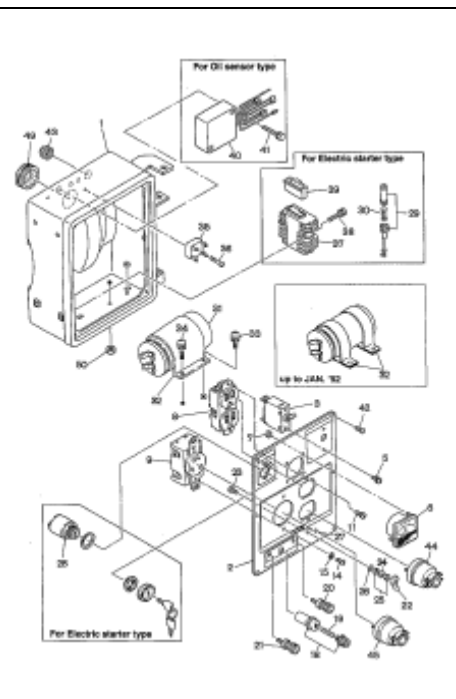
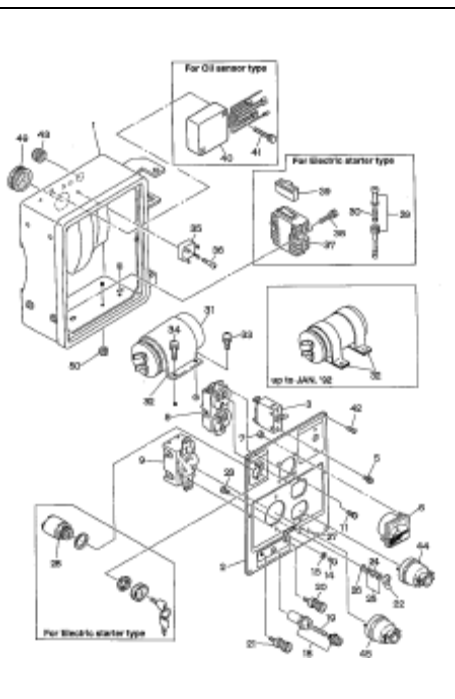
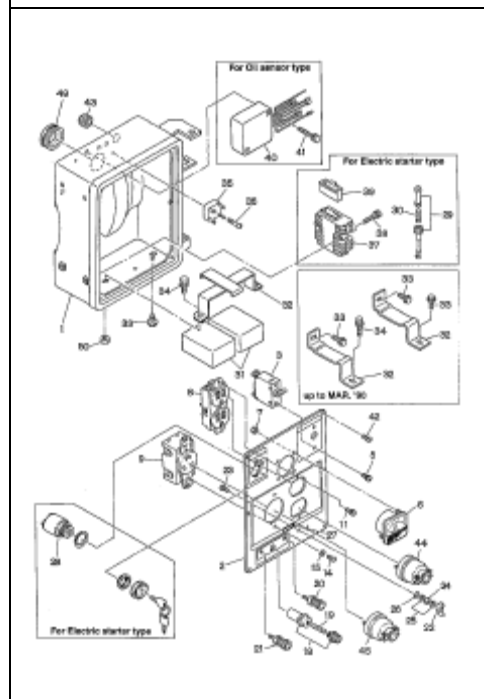
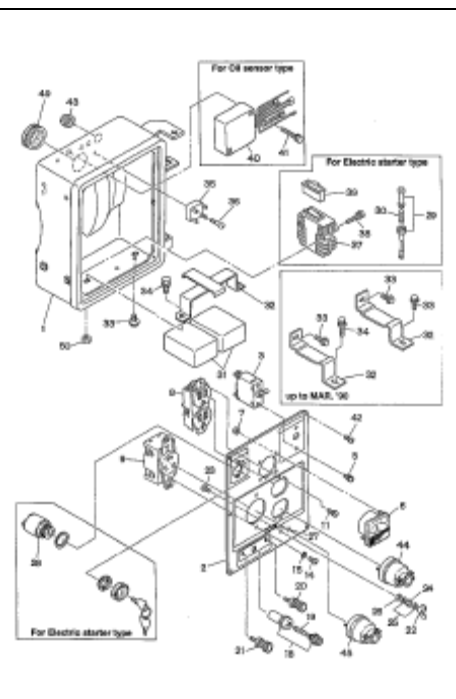
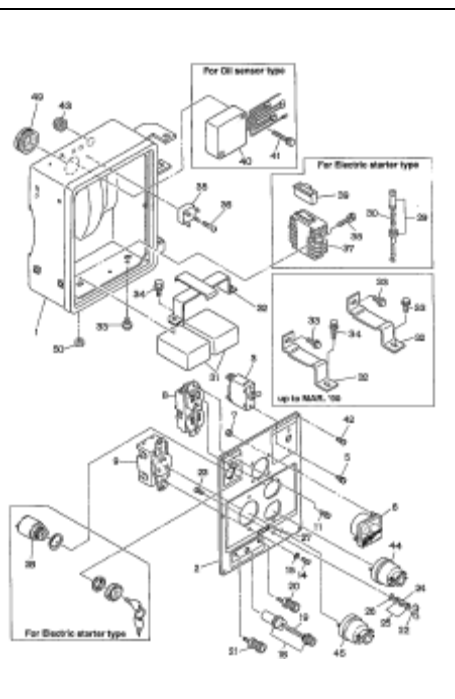
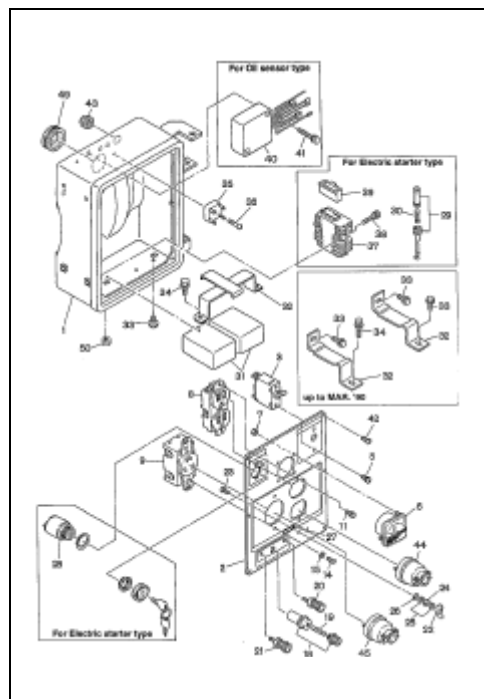
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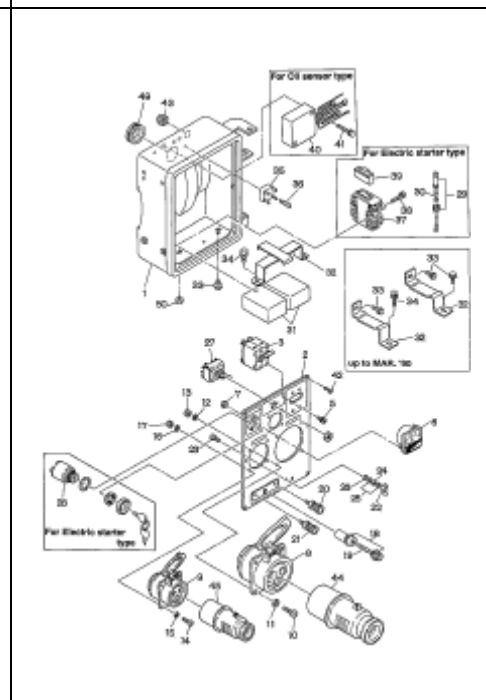
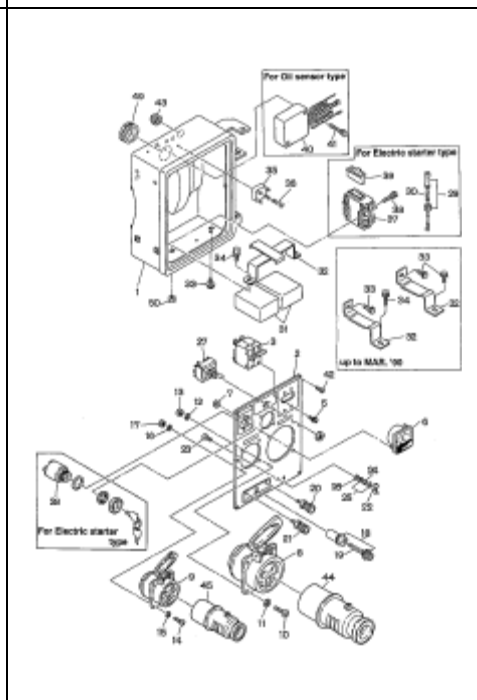
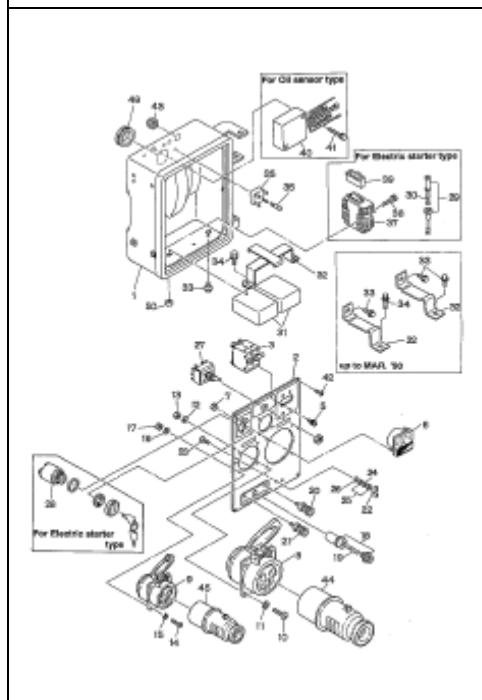
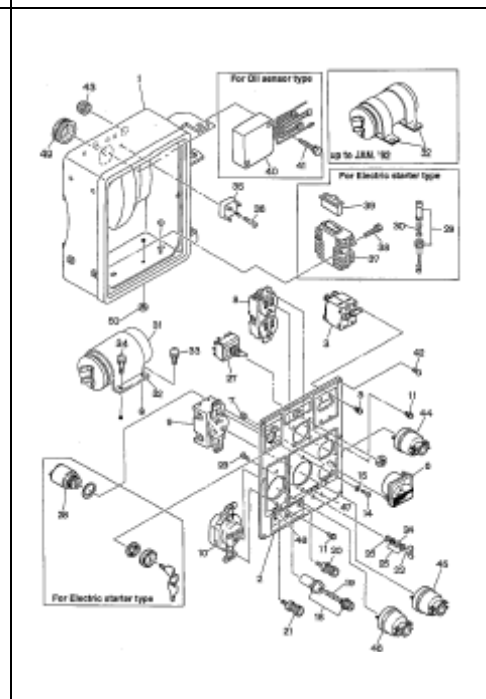
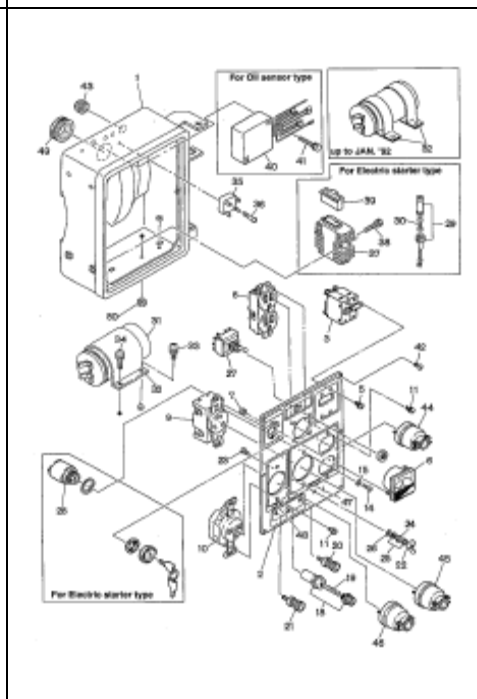
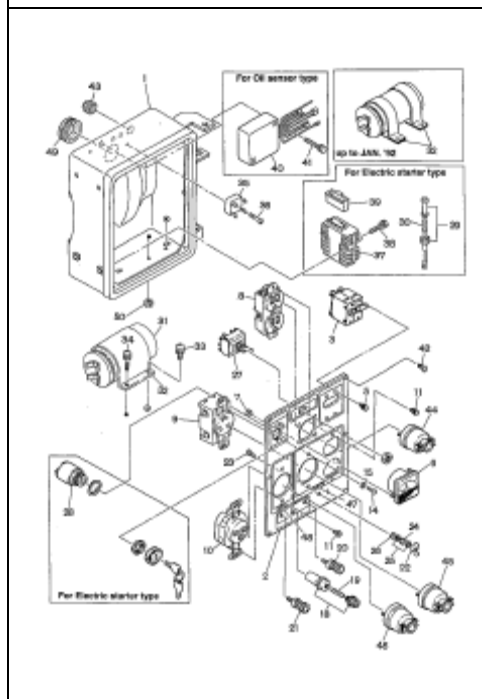
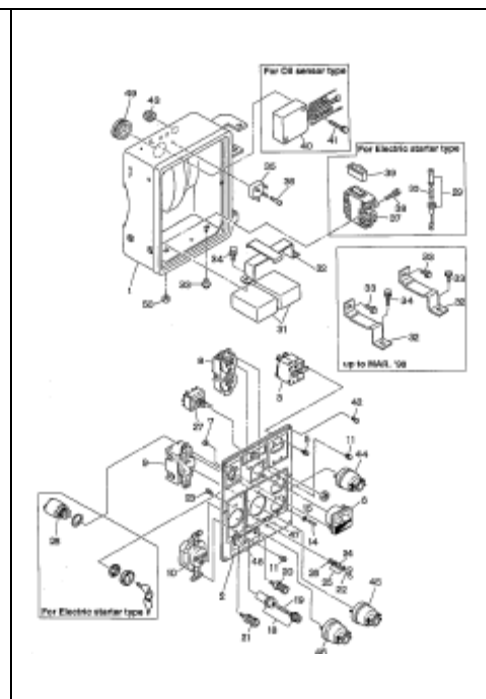
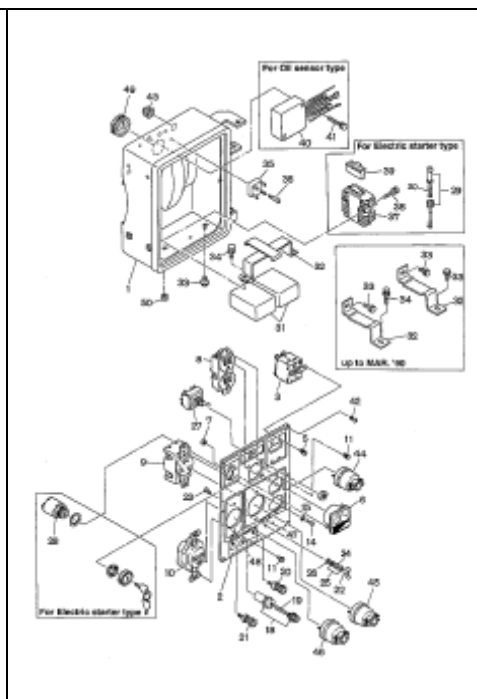
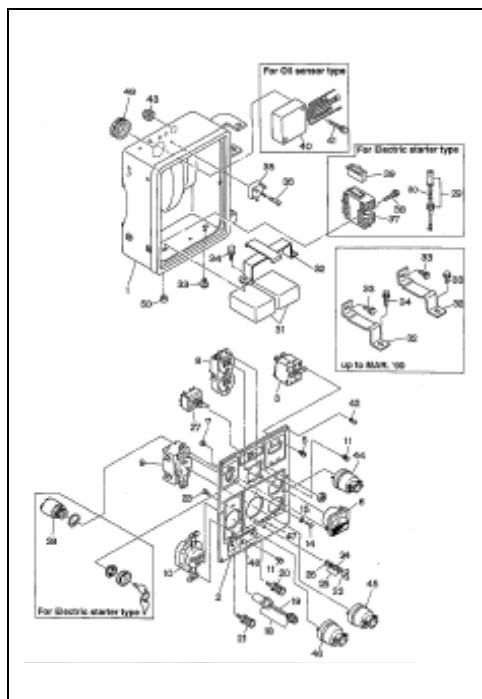
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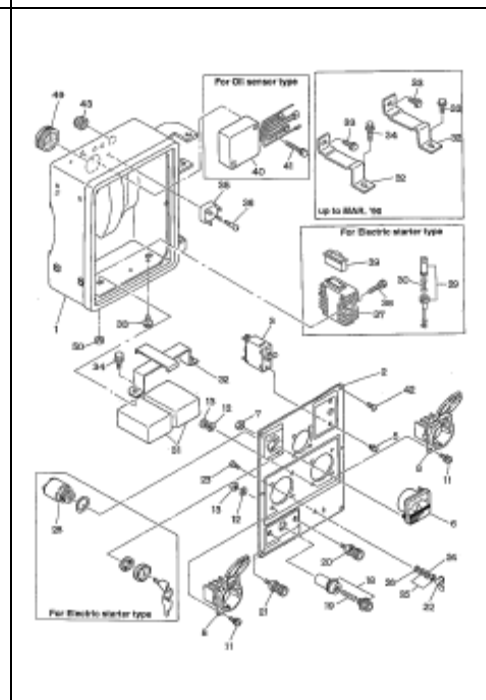
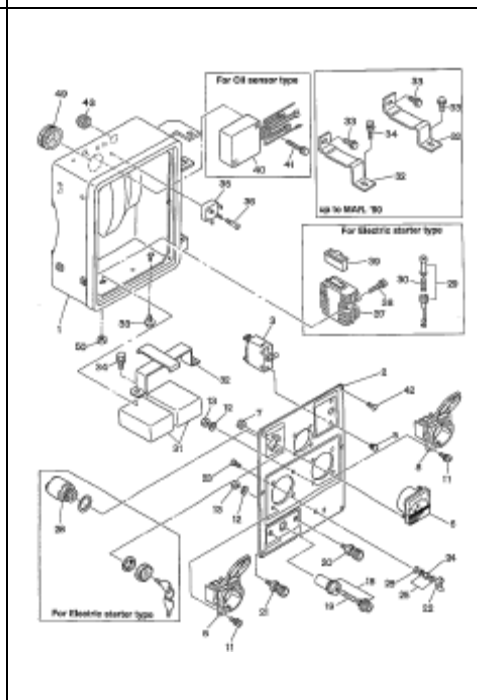
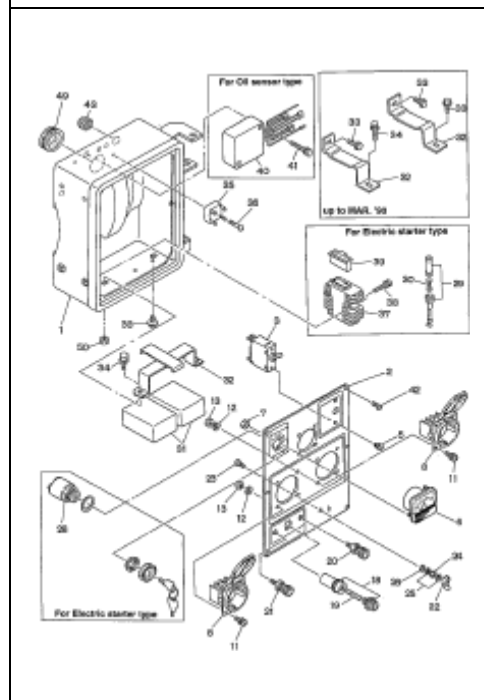
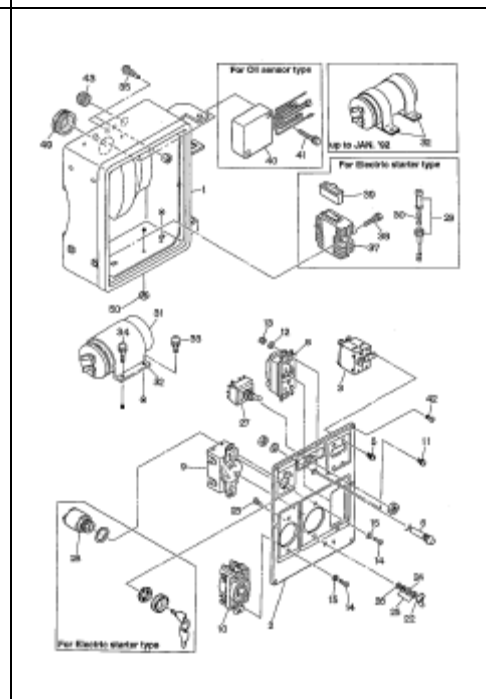
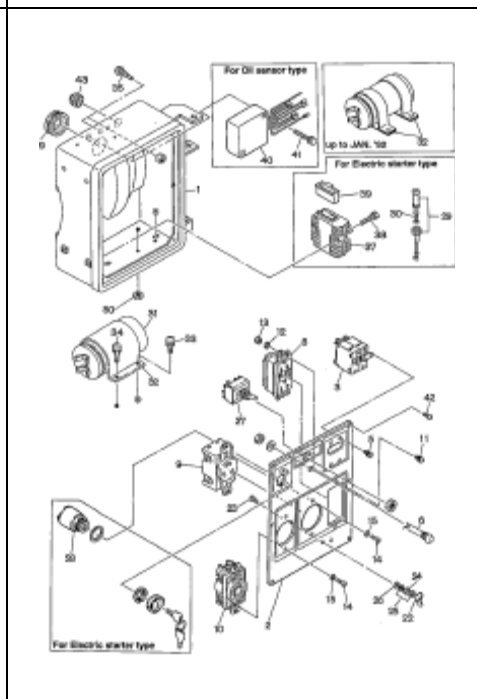
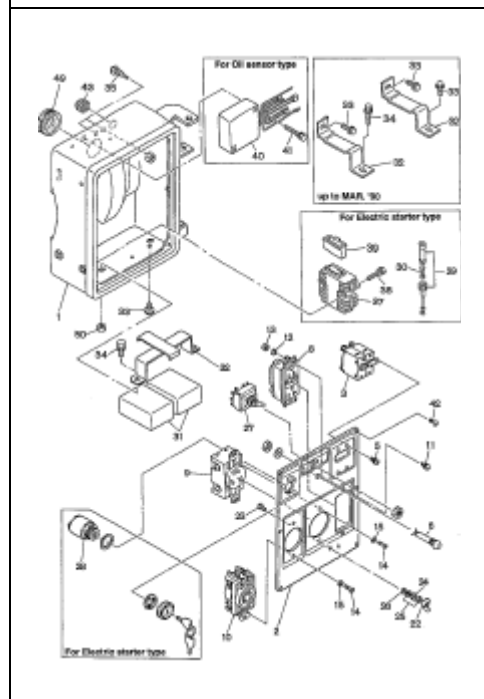
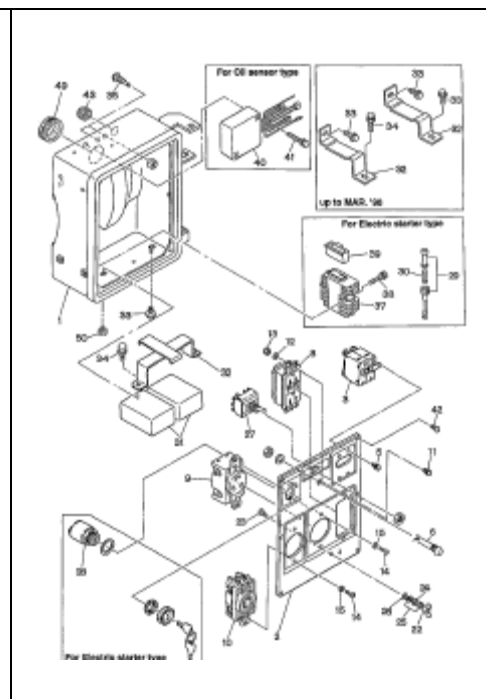
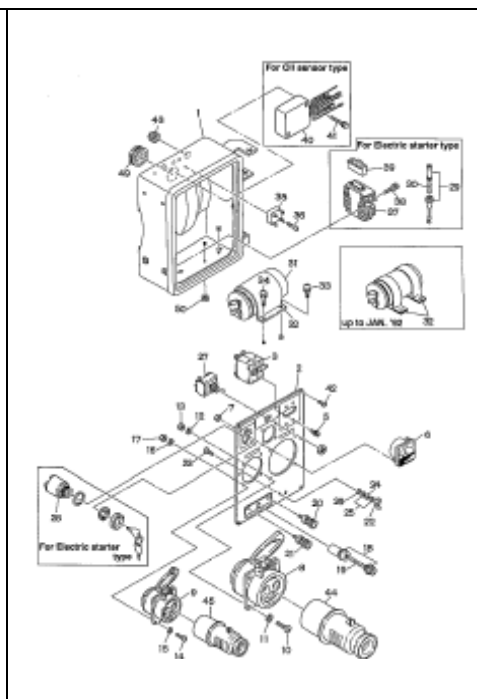
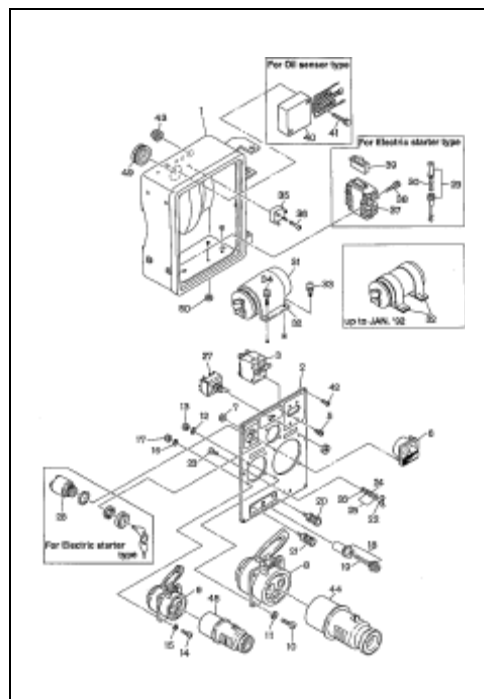
 **FUJI HEAVY INDUSTRIES LTD.**

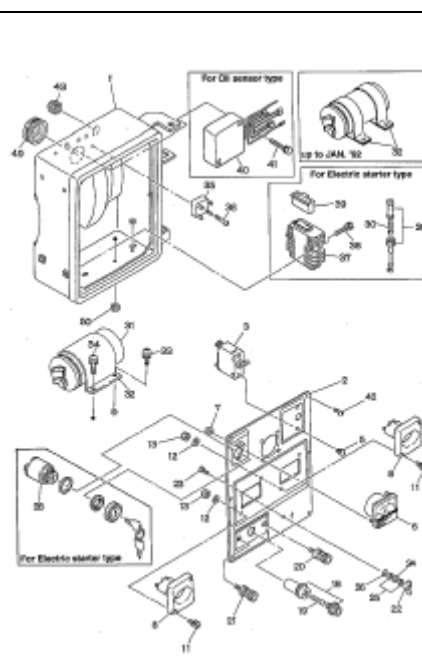
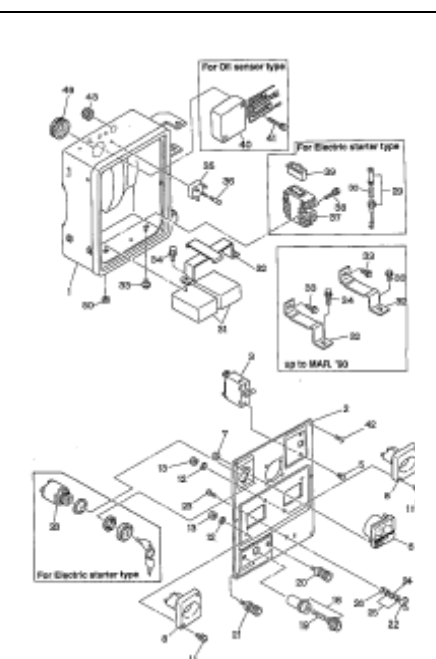
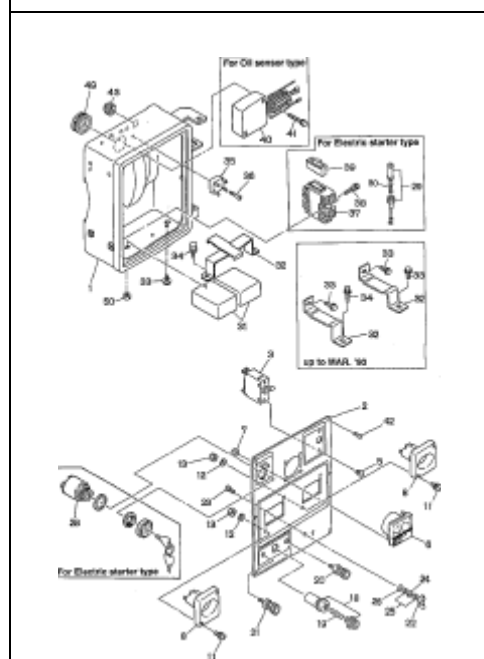
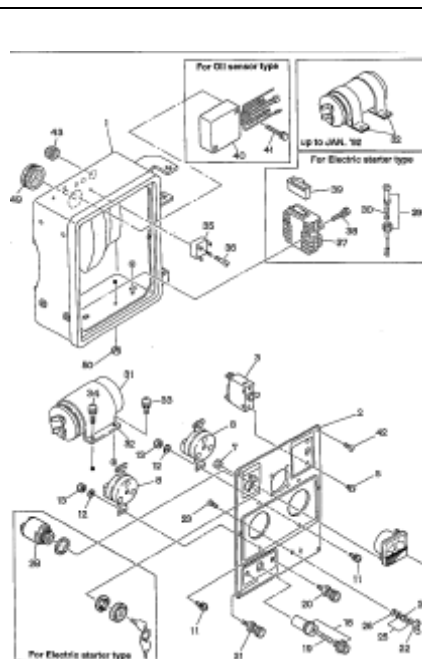
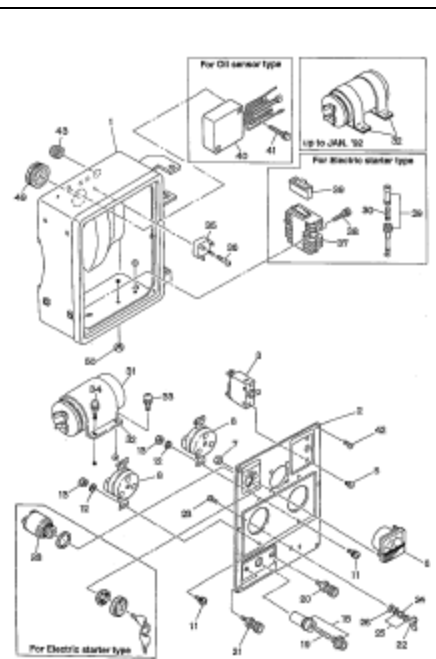
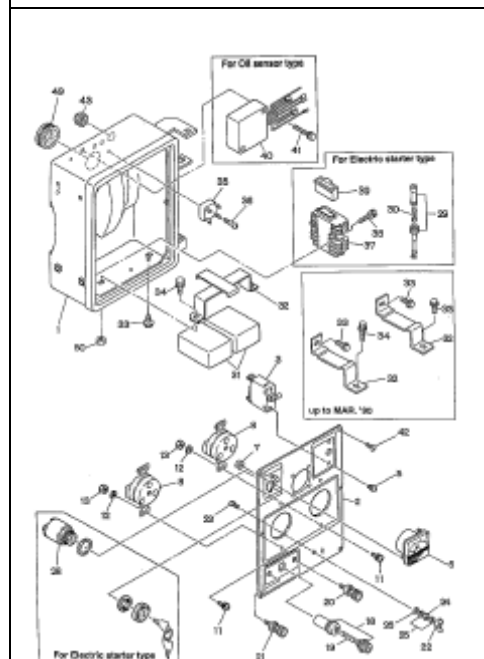
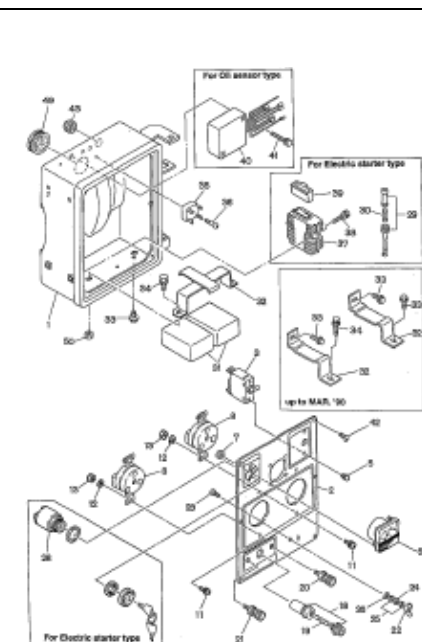
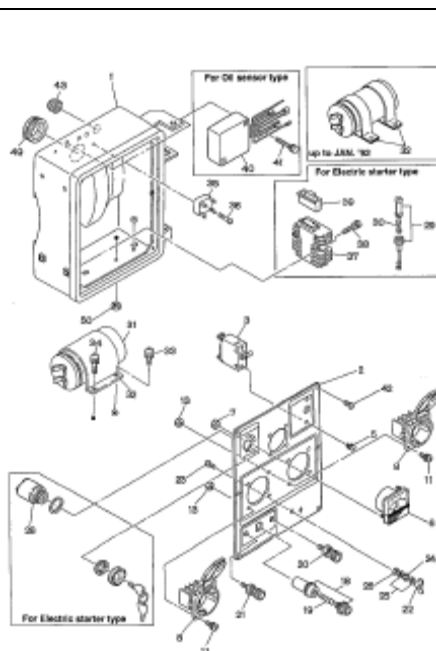
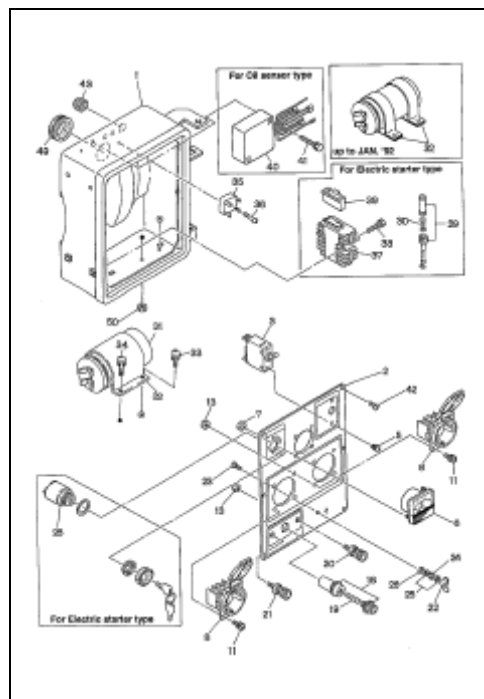
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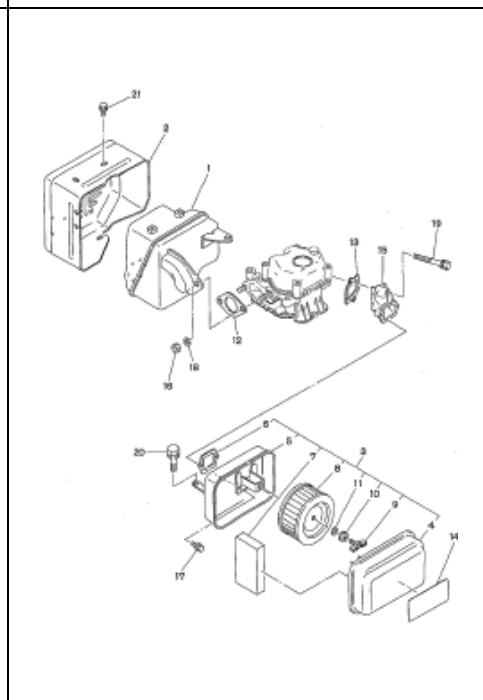
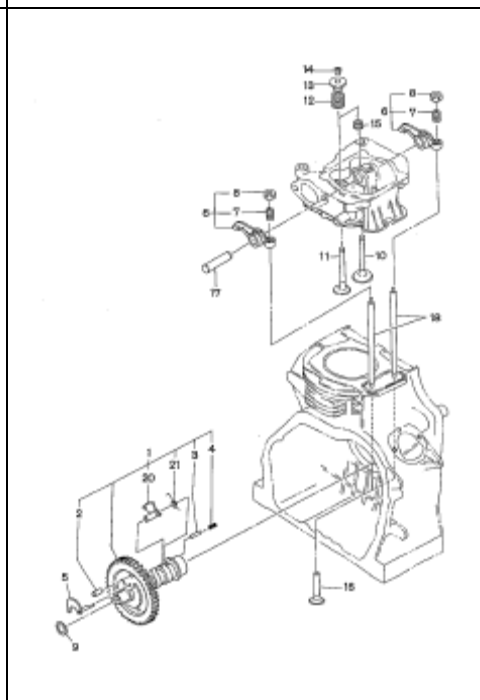
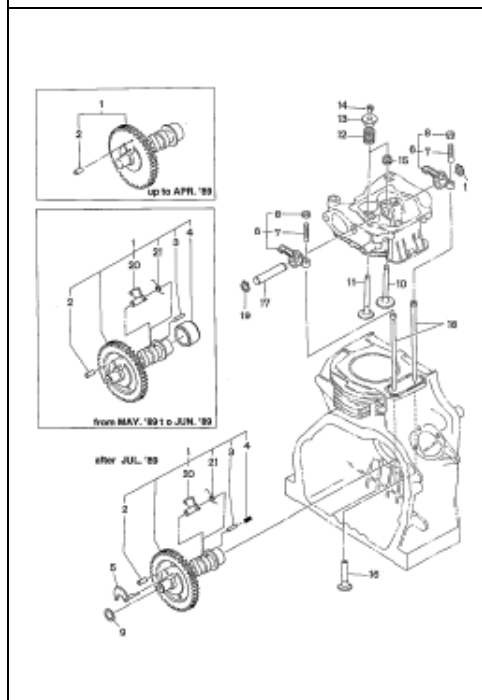
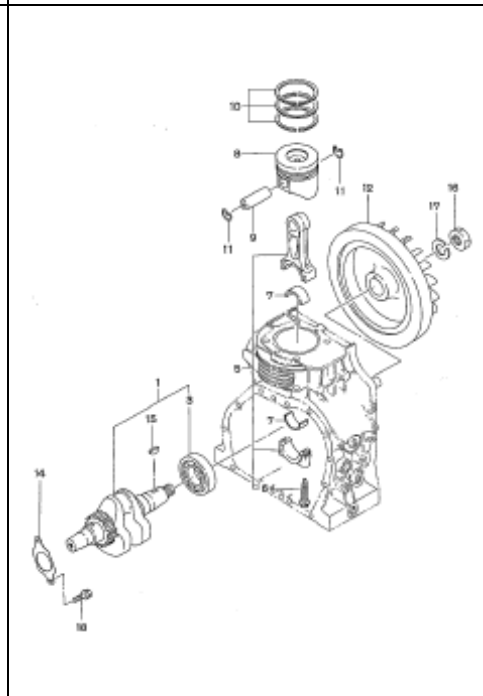
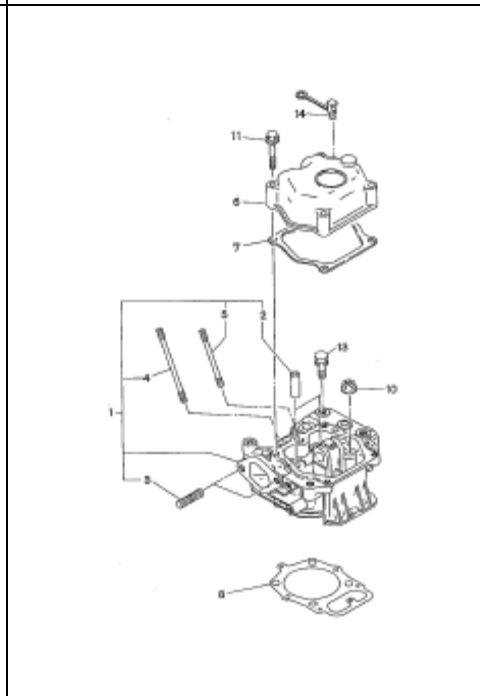
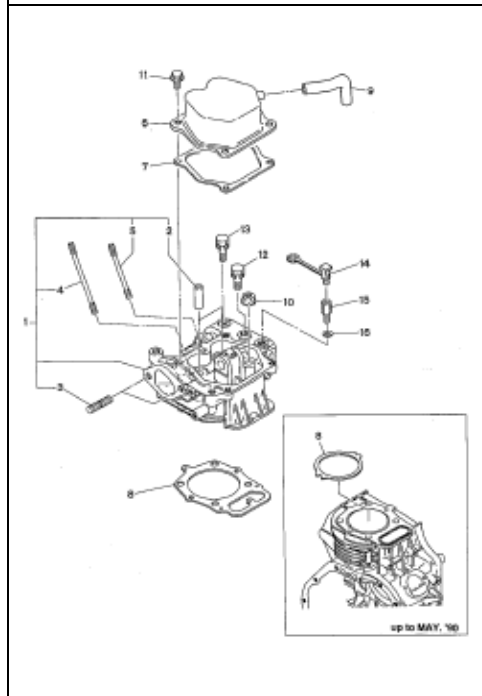
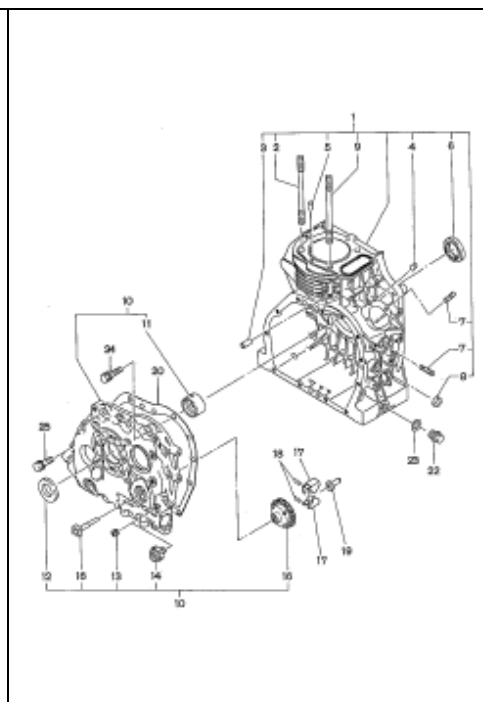
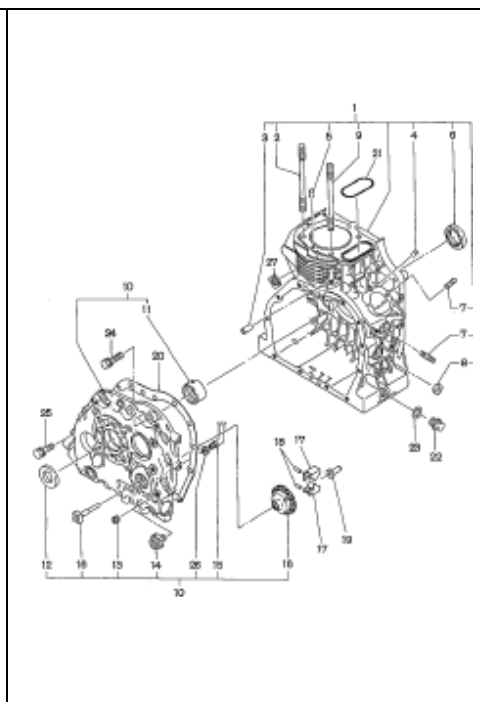
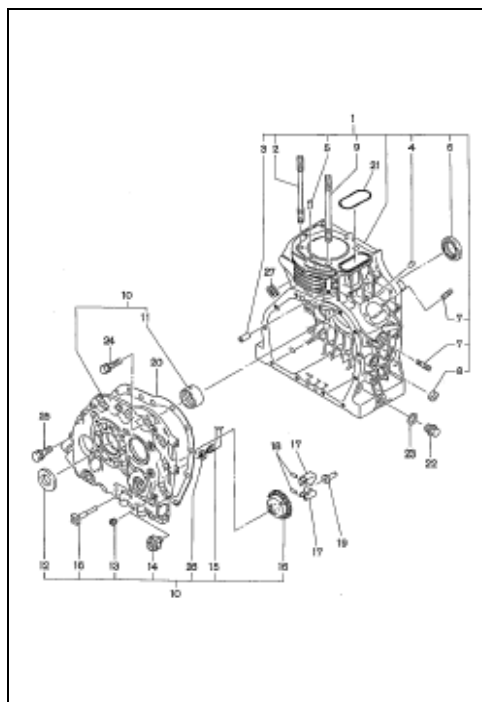












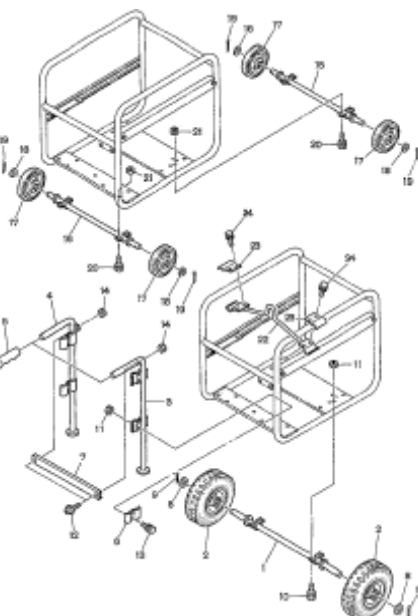
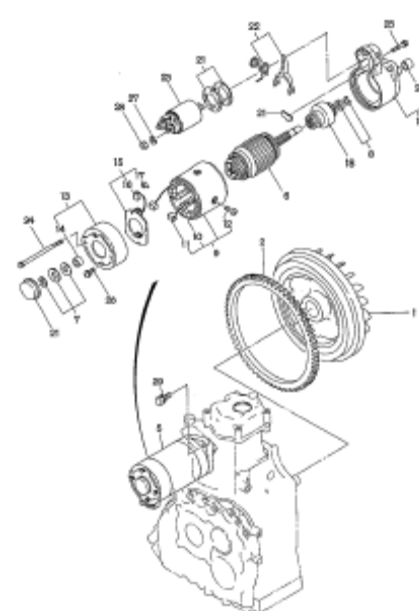
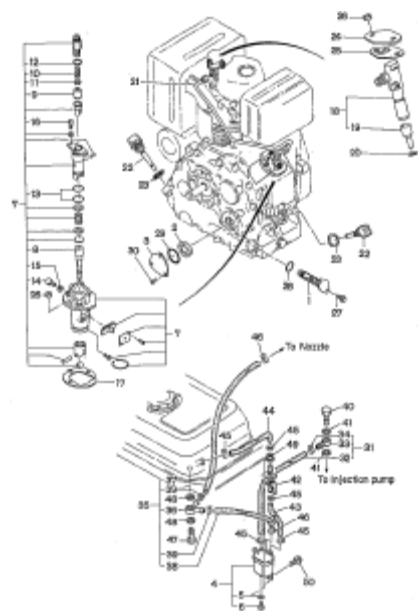
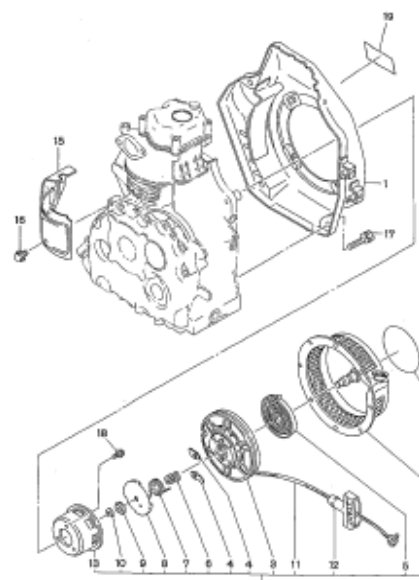
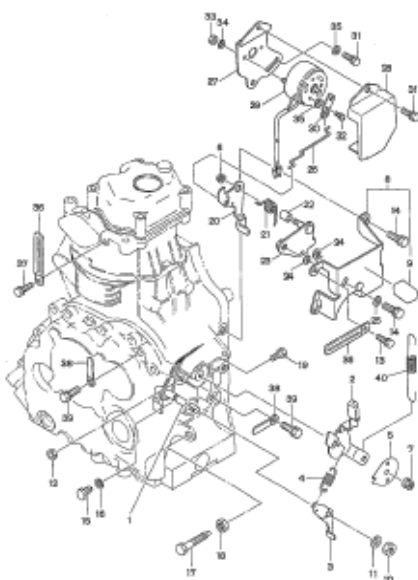


FIG. 1 GENERATOR

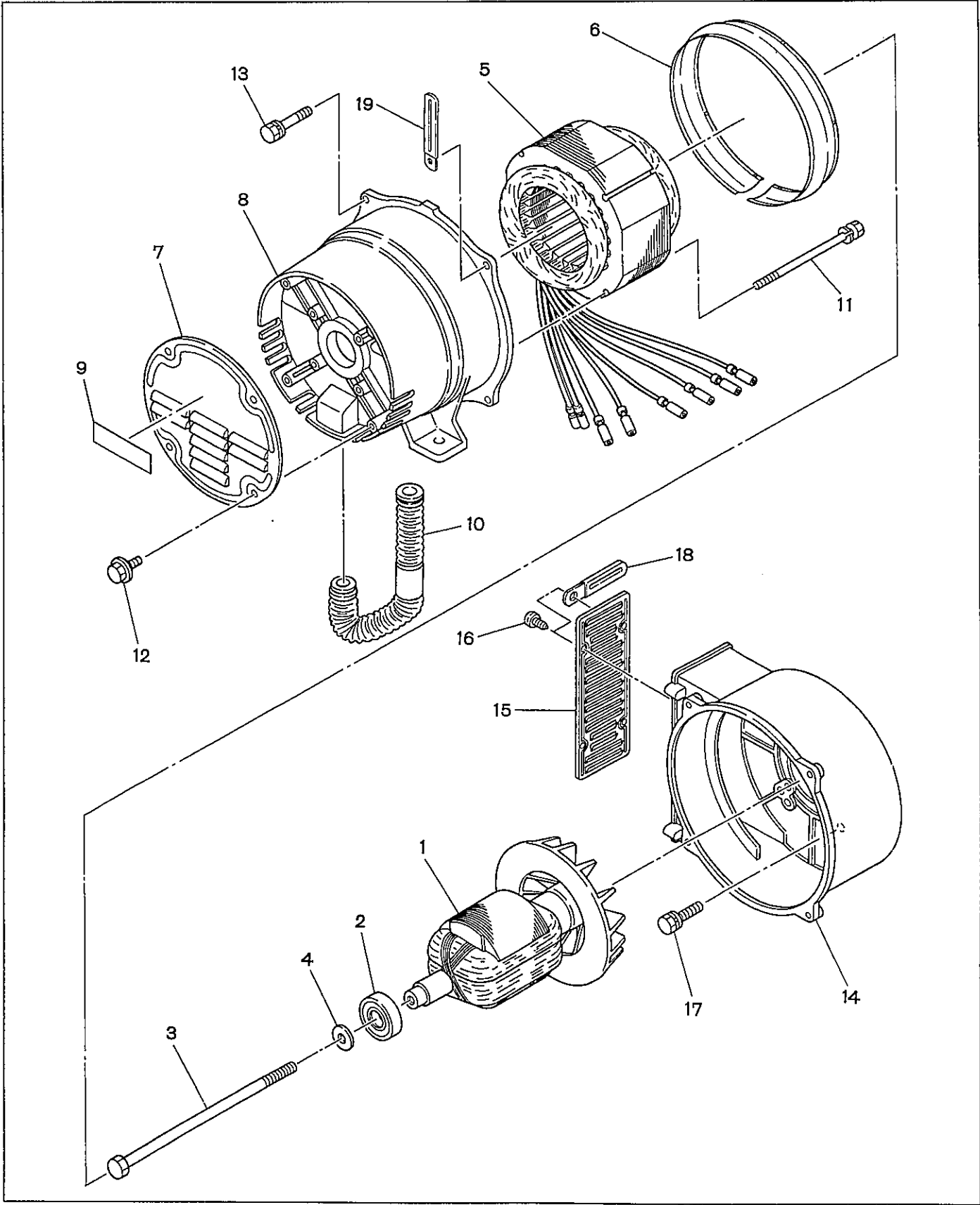


FIG. 1 GENERATOR

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
* 1	392 - 21000 - 11	ROTOR,compl. Include item 2	1	X	
* 1	392 - 21000 - 01	ROTOR,compl. Include item 2	1		
2	353 - 58208 - 08	BALL BEARING (6203ZZ)	1		
3	392 - 25100 - 03	THROUGH BOLT	1		
4	003 - 11100 - 00	WASHER	1		
4	020 - 01001 - 70	WASHER	1		
5	392 - 21100 - 21	STATOR,compl. For 50Hz - 110V,220V,110V/220V	1		
5	392 - 21100 - 11	STATOR,compl. For 50Hz - 110V,220V,110V/220V	1		
5	392 - 21100 - 01	STATOR,compl. For 50Hz - 110V,220V,110V/220V	1		
5	392 - 21200 - 21	STATOR,compl. For 50Hz - 240V	1		
5	392 - 21200 - 11	STATOR,compl. For 50Hz - 240V	1		
5	392 - 21200 - 01	STATOR,compl. For 50Hz - 240V	1		
5	392 - 21300 - 21	STATOR,compl. For 60Hz - 110V,120V,220V,110V/220V,120V/240V	1		
5	392 - 21300 - 11	STATOR,compl. For 60Hz - 110V,120V,220V,110V/220V,120V/240V	1		
5	392 - 21300 - 01	STATOR,compl. For 60Hz - 110V,120V,220V,110V/220V,120V/240V	1		
5	392 - 21600 - 21	STATOR,compl. For 60Hz - 120V, U.S.A.	1		
5	392 - 21600 - 11	STATOR,compl. For 60Hz - 120V, U.S.A.	1		
5	392 - 21600 - 01	STATOR,compl. For 60Hz - 120V, U.S.A.	1		
6	388 - 54381 - 03	SUPPORT RING	1		
7	388 - 55001 - 13	END COVER	1		
8	388 - 54001 - 01	REAR COVER,compl.	1		
9	392 - 92012 - 03	LABEL,spec. For 50Hz - 110V	1		
9	392 - 92000 - 23	LABEL,spec. For 50Hz - 220V	1		
9	392 - 92000 - 13	LABEL,spec. For 50Hz - 220V	1		
9	392 - 92003 - 23	LABEL,spec. For 50Hz - 220V, FRANCE	1		
9	392 - 92003 - 13	LABEL,spec. For 50Hz - 220V, FRANCE	1		
9	392 - 92005 - 13	LABEL,spec. For 50Hz - 240V	1		
9	392 - 92006 - 13	LABEL,spec. For 50Hz - 110V/220V	1		
9	392 - 92013 - 03	LABEL,spec. For 50Hz - 110V/220V, SAUDI ARABIA	1		
9	392 - 92010 - 03	LABEL,spec. For 60Hz - 110V	1		
9	392 - 92011 - 03	LABEL,spec. For 60Hz - 120V	1		
9	392 - 92007 - 13	LABEL,spec. For 60Hz - 220V	1		
9	392 - 92007 - 03	LABEL,spec. For 60Hz - 220V	1		
9	392 - 92001 - 23	LABEL,spec. For 60Hz - 110V/220V	1		
9	392 - 92001 - 13	LABEL,spec. For 60Hz - 110V/220V	1		
9	392 - 92014 - 03	LABEL,spec. For 60Hz - 120V/240V	1		
9	392 - 92002 - 23	LABEL,spec. For 60Hz - 120V/240V, U.S.A.	1		
9	392 - 92002 - 13	LABEL,spec. For 60Hz - 120V/240V, U.S.A.	1		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

FIG. 1 GENERATOR

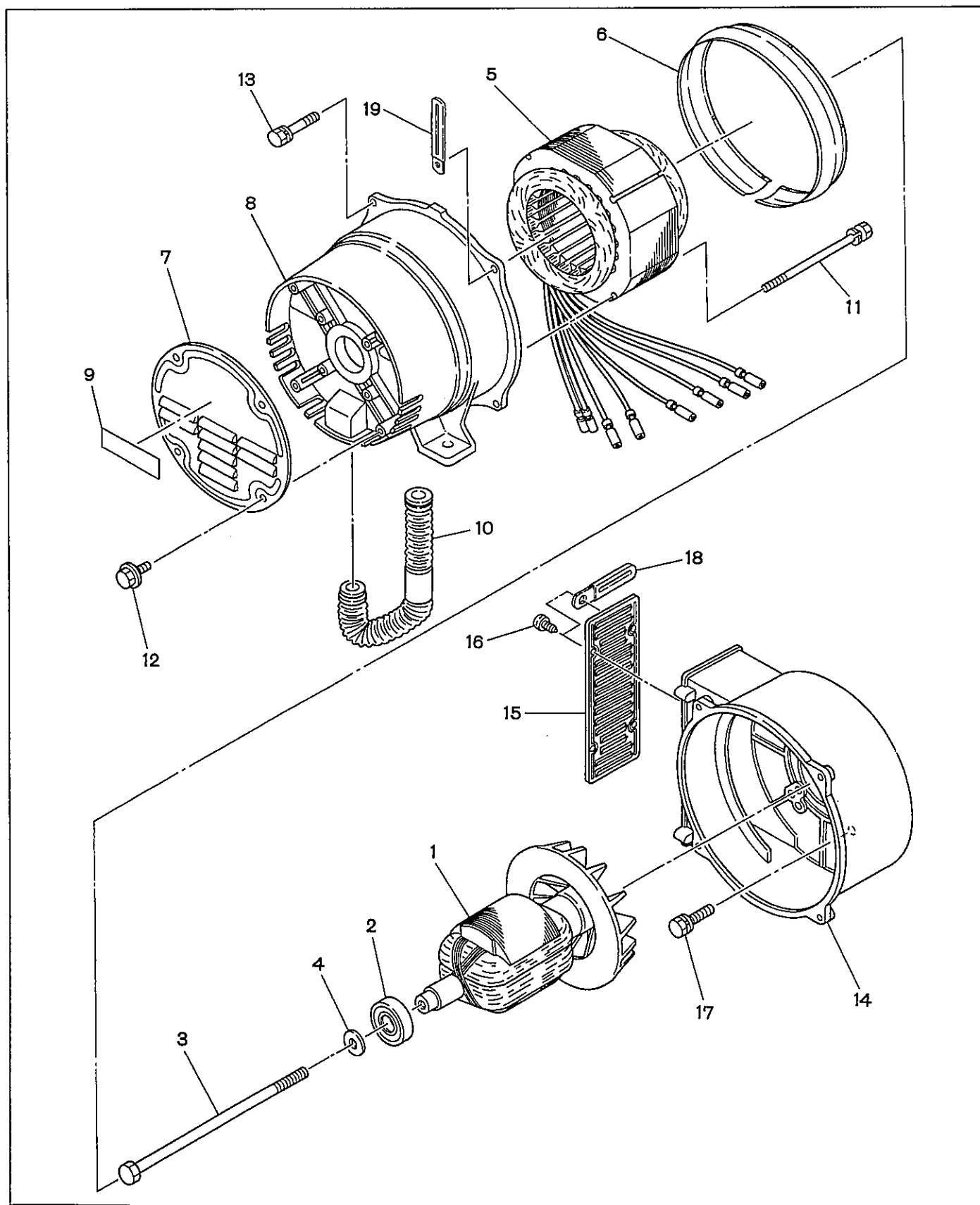


FIG. 1 GENERATOR

[illegible]

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

FIG. 2 PIPE FRAME and FUEL TANK

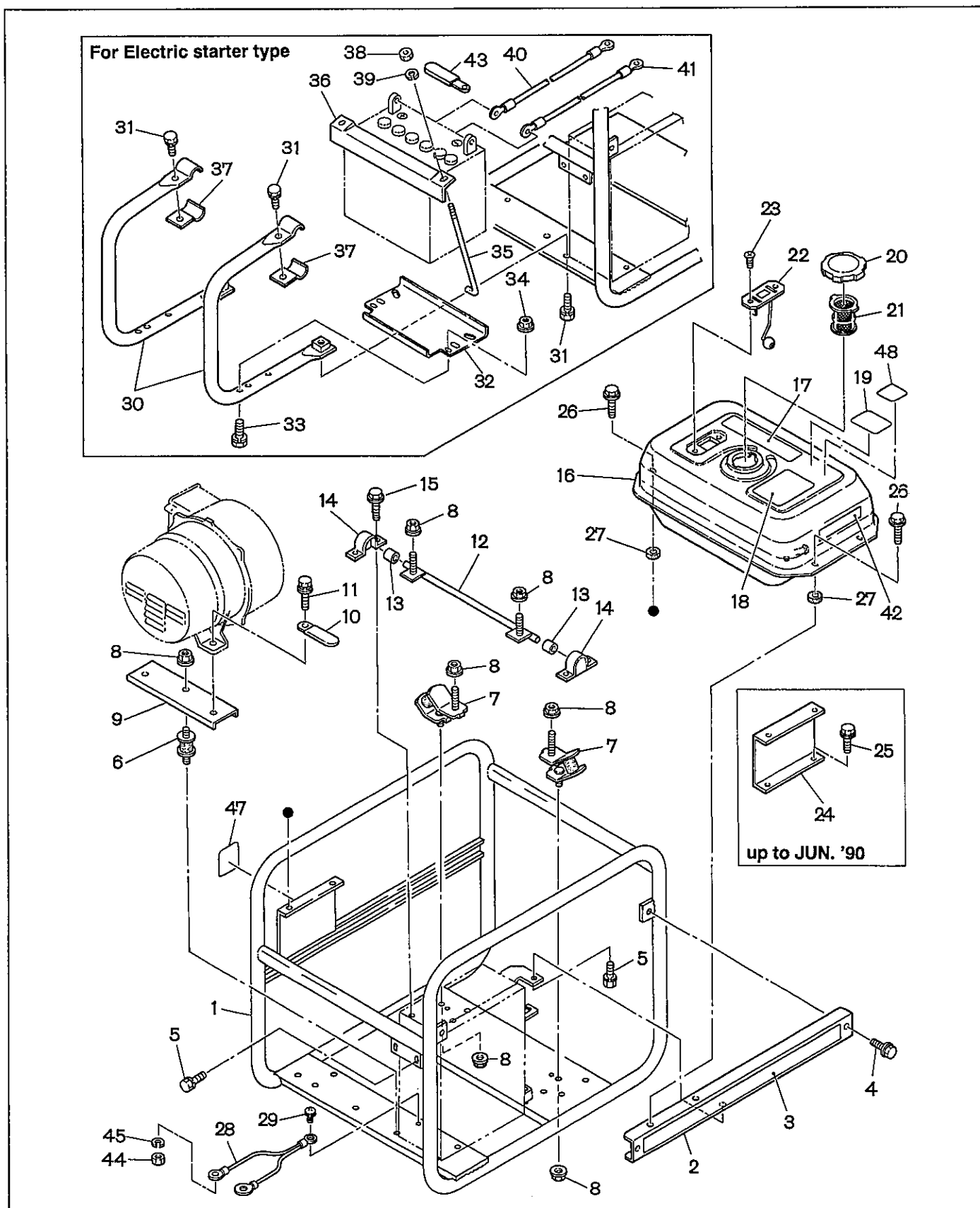


FIG. 2 PIPE FRAME and FUEL TANK

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
1	391 - 31000 - 21	PIPE FRAME,compl.	1	✗	
1	391 - 31000 - 11	PIPE FRAME,compl.	1		
1	391 - 31001 - 21	PIPE FRAME,compl. For U.S.A.	1		
1	391 - 31001 - 11	PIPE FRAME,compl. For U.S.A.	1		
2	391 - 31100 - 11	SIDE PLATE A,compl.	1	✗	
2	391 - 31100 - 01	SIDE PLATE A,compl.	1		
2	391 - 31101 - 11	SIDE PLATE A,compl. For U.S.A.	1		
2	391 - 31101 - 01	SIDE PLATE A,compl. For U.S.A.	1		
3	392 - 91000 - 03	LABEL (RGD3300)	1	✗	
3	392 - 91002 - 03	LABEL (RGD3300) For U.S.A.	1		
4	011 - 00600 - 80	FLANGE BOLT	2		
5	001 - 14061 - 60	BOLT and WASHER ASS'Y	3		
6	391 - 37101 - 01	MOUNT,compl,generator side	1	✗	
7	391 - 37001 - 21	MOUNT,compl,engine side	2		
7	391 - 37001 - 11	MOUNT,compl,engine side	2		
7	391 - 37001 - 01	MOUNT,compl,engine side	2		
8	002 - 38080 - 00	FLANGE NUT	7	✗	
9	391 - 37500 - 21	GENERATOR BASE,compl.	1		
9	391 - 37500 - 11	GENERATOR BASE,compl.	1		
9	391 - 37500 - 01	GENERATOR BASE,compl.	1		
10	055 - 60001 - 70	CLAMP	1	✗	
11	001 - 14082 - 50	BOLT and WASHER ASS'Y	2		
12	391 - 38000 - 01	SHAFT,stopper,compl.	1		
13	391 - 38001 - 03	RUBBER	2		
14	391 - 38500 - 01	STOPPER,compl.	2	✗	
15	001 - 14061 - 60	BOLT and WASHER ASS'Y	4		
16	243 - 60201 - 01	FUEL TANK,compl.	1		
17	377 - 92500 - 03	LABEL,caution	1		
17	377 - 92502 - 03	LABEL,caution For FRANCE	1	✗	
18	391 - 94002 - 03	LABEL,fuel only	1		
18	391 - 94003 - 03	LABEL,fuel only For FRANCE	1		
19	243 - 92005 - 03	LABEL,recoil caution	1		up to DEC. '89
20	043 - 04300 - 15	FUEL TANK CAP,compl.	1	✗	
21	064 - 13600 - 10	FUEL FILTER	1		
22	064 - 80007 - 00	FUEL GAUGE,compl.	1		
23	014 - 50500 - 40	SCREW,counter head	2		
24	391 - 32000 - 01	BRACKET,tank,compl.	1	✗	up to JUN. '90
25	011 - 00600 - 20	FLANGE BOLT	2		up to JUN. '90
26	011 - 00602 - 20	FLANGE BOLT	4		
26	011 - 00601 - 80	FLANGE BOLT	4		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

FIG. 2 PIPE FRAME and FUEL TANK

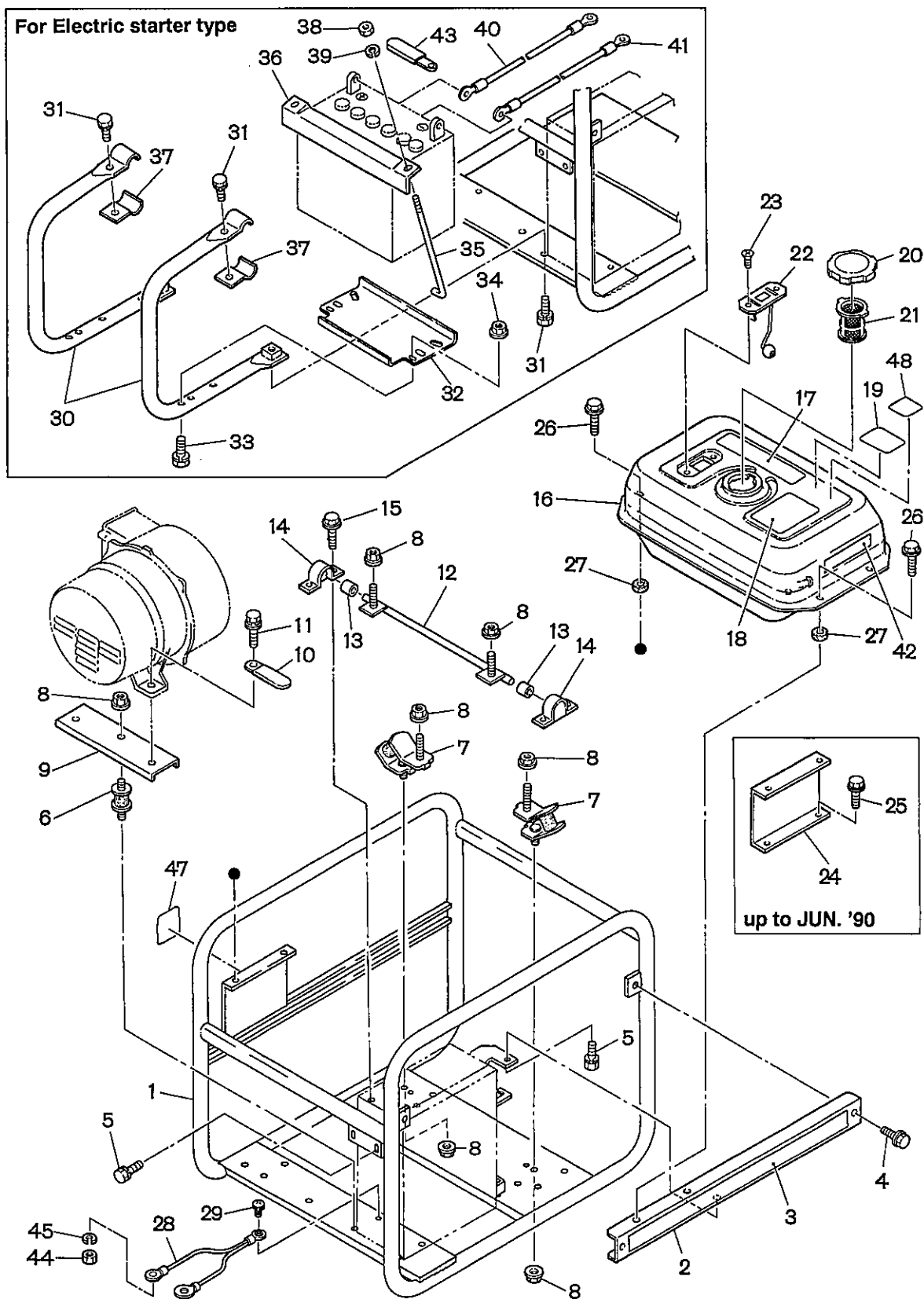
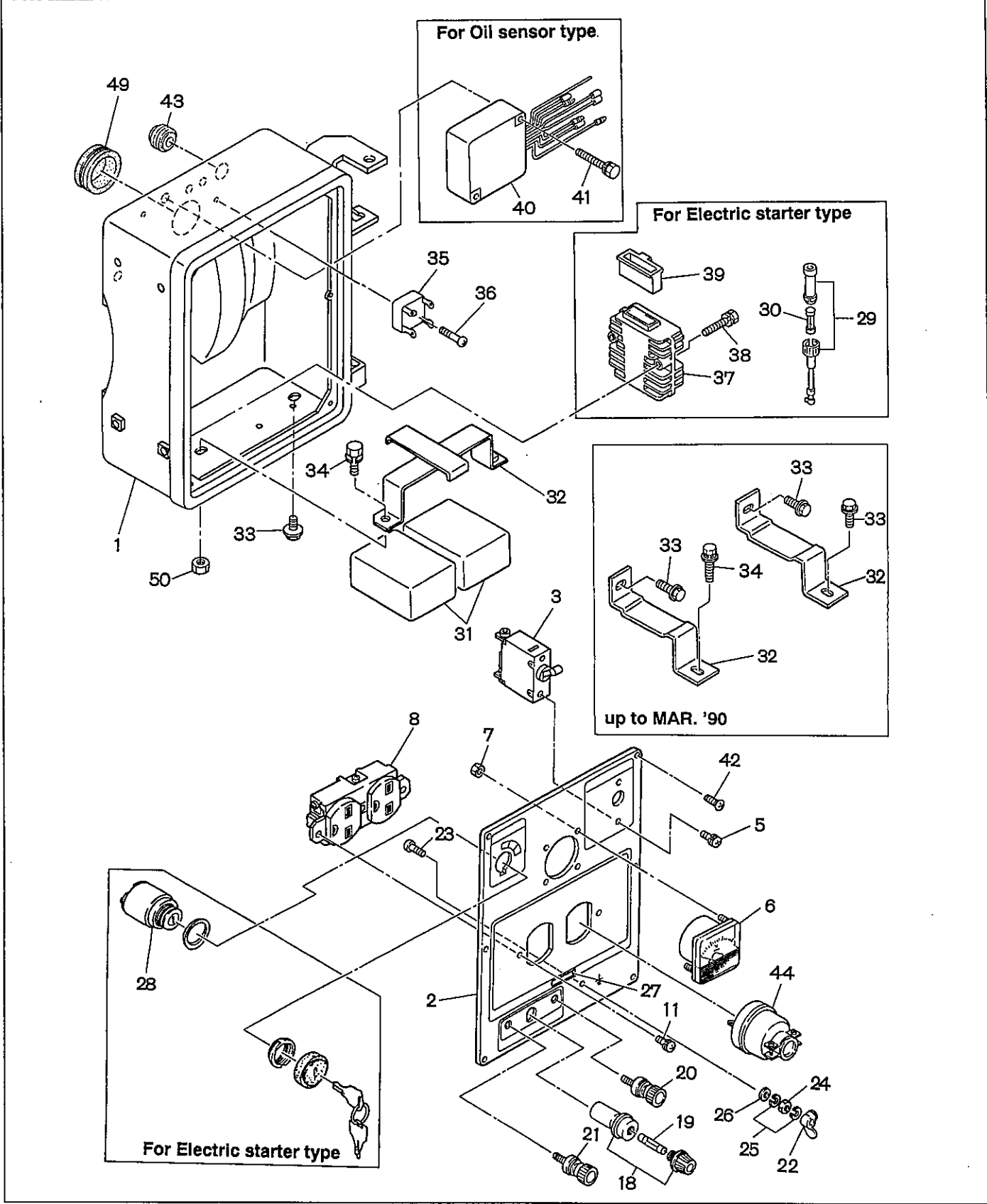


FIG. 2 PIPE FRAME and FUEL TANK

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
27	391 - 39000 - 13	RUBBER WASHER	4	✗	
27	391 - 39000 - 03	RUBBER WASHER	4		
28	391 - 39001 - 21	EARTH WIRE,compl.	1	✗	
28	391 - 39001 - 11	EARTH WIRE,compl.	1		
28	391 - 39001 - 01	EARTH WIRE,compl.	1		
29	376 - 39100 - 01	SCREW and WASHER ASS'Y	1		
30	391 - 33001 - 21	BATTERY FRAME,compl. For Electric starter type	2	✗	
30	391 - 33001 - 11	BATTERY FRAME,compl. For Electric starter type	2		
31	001 - 15082 - 00	BOLT and WASHER ASS'Y For Electric starter type	4		
32	391 - 33005 - 21	BATTERY BASE,compl. For Electric starter type	1	○	
32	391 - 33005 - 11	BATTERY BASE,compl. For Electric starter type	1		
33	001 - 13064 - 00	BOLT and WASHER ASS'Y For Electric starter type	4		
34	002 - 38060 - 00	FLANGE NUT For Electric starter type	4		
35	391 - 33004 - 11	BATTERY BOLT,compl. For Electric starter type	2		
36	391 - 33003 - 21	BATTERY STAY,compl. For Electric starter type	1	○	
36	391 - 33003 - 11	BATTERY STAY,compl. For Electric starter type	1		
37	391 - 33002 - 21	CATCHER,compl. For Electric starter type	2	✗	
37	391 - 33002 - 11	CATCHER,compl. For Electric starter type	2		
38	002 - 17060 - 00	NUT For Electric starter type	2		
39	003 - 20060 - 00	SPRING WASHER For Electric starter type	2		
40	391 - 39002 - 13	BATTERY CORD (+) For Electric starter type	1		
41	391 - 39003 - 13	BATTERY CORD (-) For Electric starter type	1		
42	391 - 94001 - 03	LABEL,brushless For U.S.A.	1		
43	056 - 60001 - 70	CLAMP For Electric starter type	1		
44	002 - 19040 - 00	NUT	1	✗	
44	002 - 19060 - 00	NUT	1		
44	391 - 49002 - 03	NUT	1		
45	003 - 20040 - 00	SPRING WASHER	1	✗	
45	003 - 20060 - 00	SPRING WASHER	1		
47	073 - 20035 - 00	LABEL,noise - level For EUROPE	1		
48	391 - 93012 - 03	LABEL,warning For U.S.A.	1		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-1 CONTROL BOX(220V, 240V)
(UP TO OCT. '91)**

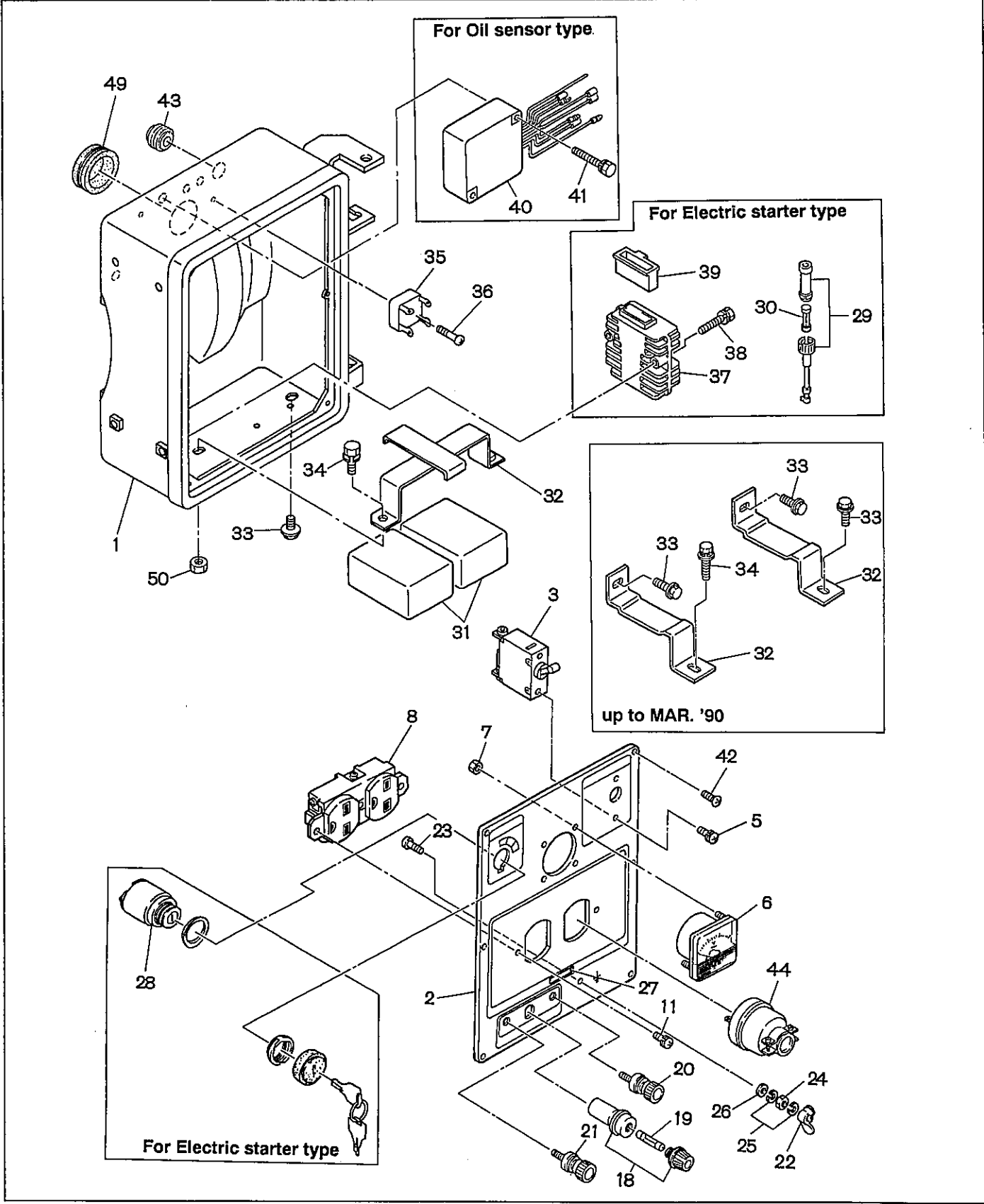


**FIG. 3-1 CONTROL BOX(220V, 240V)
(UP TO OCT. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
* 1	392 - 40001 - 20	CONTROL BOX ASS'Y For 50Hz - 220V, STD. Includes items 1 thru 26,31 thru 36,42,43,49 and 50	1	○	
* 1	392 - 40001 - 10	CONTROL BOX ASS'Y For 50Hz - 220V, STD. Includes items 1 thru 26, 31 thru 36,42 and 43	1	←	
* 1	392 - 40001 - 00	CONTROL BOX ASS'Y For 50Hz - 220V, STD. Includes items 1 thru 26, 31 thru 36 and 42	1	←	
* 1	392 - 40022 - 10	CONTROL BOX ASS'Y For 50Hz - 220V, Electric starter type Includes items 1 thru 26,28 thru 39,42,43,49 and 50	1	○	
* 1	392 - 40022 - 00	CONTROL BOX ASS'Y For 50Hz - 220V, Electric starter type Includes items 1 thru 26, 28 thru 39, 42 and 43	1	←	
* 1	392 - 40023 - 00	CONTROL BOX ASS'Y For 50Hz - 220V, Oil sensor type Includes items 1 thru 26,31 thru 36 and 40 thru 43	1		
* 1	392 - 40024 - 20	CONTROL BOX ASS'Y For 50Hz - 220V, Electric starter type with Oil sensor Includes items 1 thru 26,28 thru 43,49 and 50	1	○	
* 1	392 - 40024 - 10	CONTROL BOX ASS'Y For 50Hz - 220V, Electric starter type with Oil sensor Includes items 1 thru 26 and 28 thru 43	1	←	
* 1	392 - 40024 - 00	CONTROL BOX ASS'Y For 50Hz - 220V, Electric starter type with Oil sensor Includes items 1 thru 26 and 28 thru 43	1	←	
* 1	392 - 40025 - 10	CONTROL BOX ASS'Y For 50Hz - 240V, STD. Includes items 1 thru 27, 31 thru 36, 42 and 43	1	←	
* 1	392 - 40025 - 00	CONTROL BOX ASS'Y For 50Hz - 240V, STD. Includes items 1 thru 27, 31 thru 36 and 42	1	←	
* 1	392 - 40026 - 00	CONTROL BOX ASS'Y For 50Hz - 240V, Electric starter type Includes items 1 thru 39, 42 and 43	1		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-1 CONTROL BOX(220V, 240V)
(UP TO OCT. '91)**

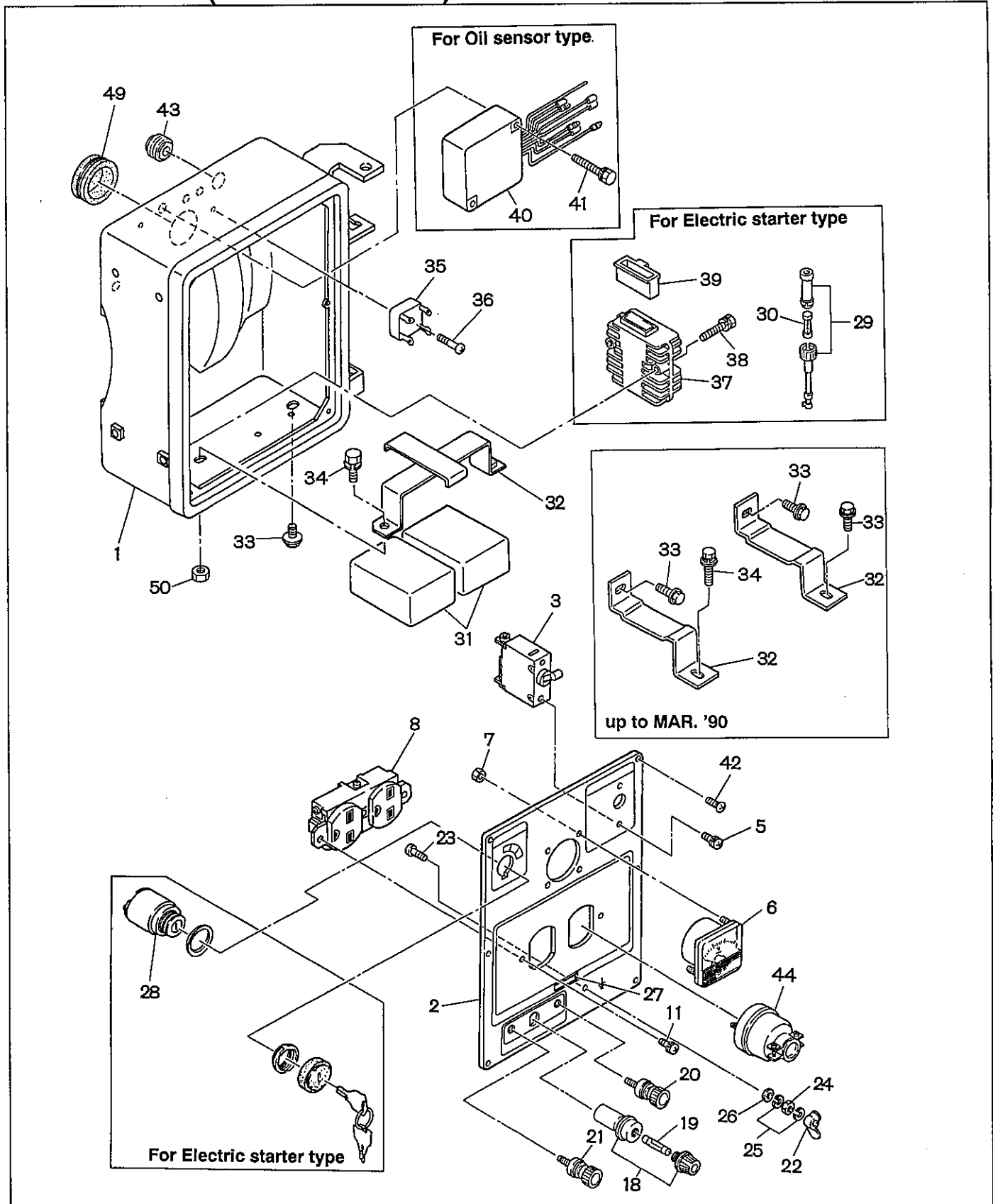


**FIG. 3-1 CONTROL BOX(220V, 240V)
(UP TO OCT. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
* 1	392 - 40010 - 20	CONTROL BOX ASS'Y For 50Hz - 240V, Oil sensor type Includes items 1 thru 27, 31 thru 36, 40 thru 43, 49 and 50	1	○	
* 1	392 - 40010 - 10	CONTROL BOX ASS'Y For 50Hz - 240V, Oil sensor type Includes items 1 thru 27, 31 thru 36 and 40 thru 43	1	×	
* 1	392 - 40010 - 00	CONTROL BOX ASS'Y For 50Hz - 240V, Oil sensor type Includes items 1 thru 27, 31 thru 36 and 40 thru 43	1	○	
* 1	392 - 40011 - 20	CONTROL BOX ASS'Y For 50Hz - 240V, Electric starter type with Oil sensor Includes items 1 thru 43, 49 and 50	1	○	
* 1	392 - 40011 - 10	CONTROL BOX ASS'Y For 50Hz - 240V, Electric starter type with Oil sensor Includes items 1 thru 43	1	×	
* 1	392 - 40011 - 00	CONTROL BOX ASS'Y For 50Hz - 240V, Electric starter type with Oil sensor Includes items 1 thru 43	1	○	
* 1	392 - 40018 - 20	CONTROL BOX ASS'Y For 60Hz - 220V, STD Includes items 1 thru 26, 31 thru 36, 42, 43, 49 and 50	1	○	
* 1	392 - 40018 - 10	CONTROL BOX ASS'Y For 60Hz - 220V, STD. Includes items 1 thru 26, 31 thru 36, 42 and 43	1	×	
* 1	392 - 40018 - 00	CONTROL BOX ASS'Y For 60Hz - 220V, STD. Includes items 1 thru 26, 31 thru 36 and 42	1	○	
* 1	392 - 40027 - 00	CONTROL BOX ASS'Y For 60Hz - 220V, Electric starter type Includes items 1 thru 26, 28 thru 39, 42 and 43	1	○	
* 1	392 - 40028 - 00	CONTROL BOX ASS'Y For 60Hz - 220V, Oil sensor type Includes items 1 thru 26, 31 thru 36 and 40 thru 43	1	○	
* 1	392 - 40029 - 00	CONTROL BOX ASS'Y For 60Hz - 220V, Electric starter type with Oil sensor Includes items 1 thru 26 and 28 thru 43	1	○	
1	391 - 40001 - 21	CONTROL BOX, compl. For STD.	1	×	
1	391 - 40001 - 11	CONTROL BOX, compl. For STD.	1	×	
1	391 - 40001 - 01	CONTROL BOX, compl. For STD.	1	×	

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-1 CONTROL BOX(220V, 240V)
(UP TO OCT. '91)**

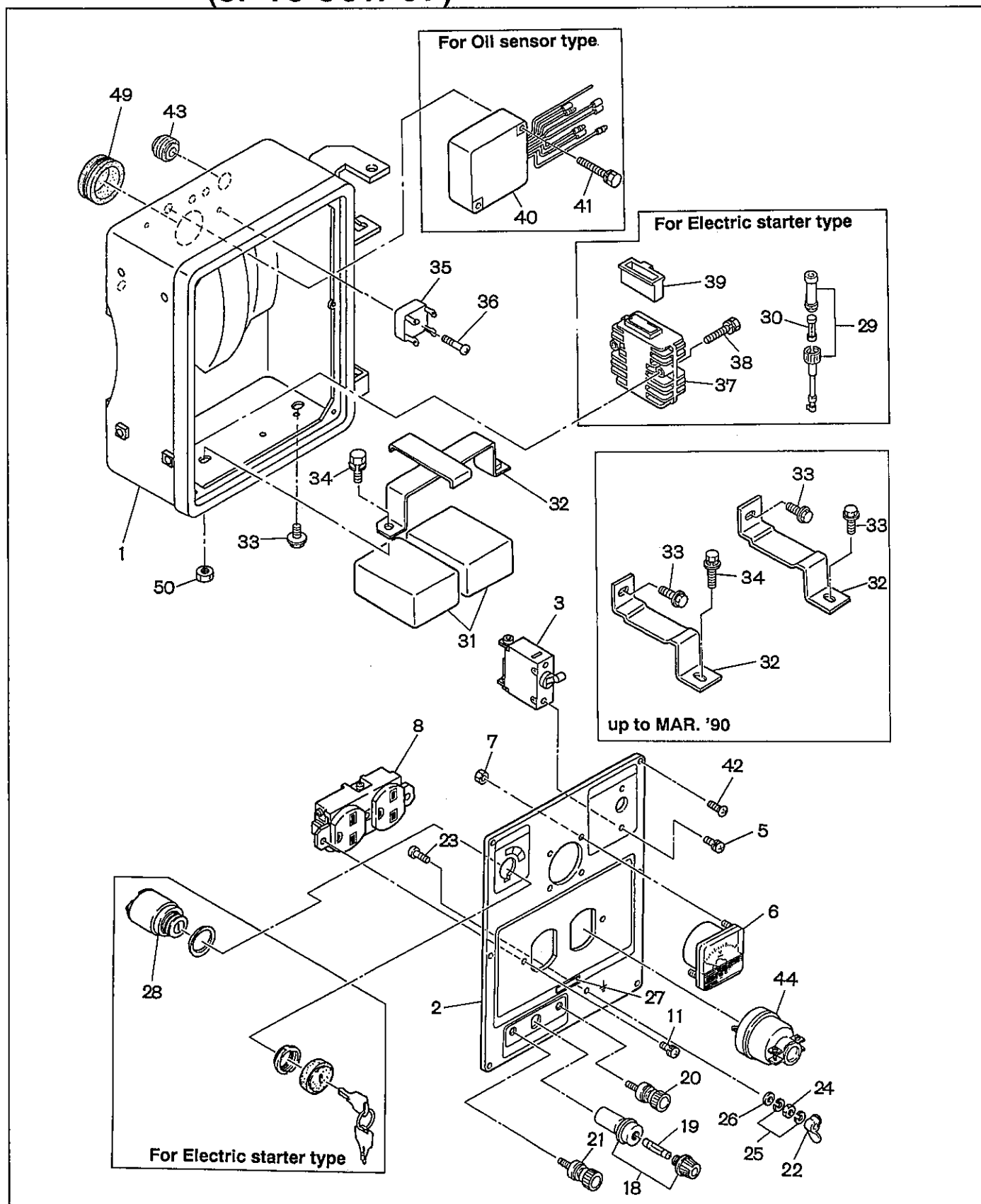


**FIG. 3-1 CONTROL BOX(220V, 240V)
(UP TO OCT. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
1	391 - 40001 - 21	CONTROL BOX, compl. For Oil sensor type or Electric starter type For Electric starter type with Oil sensor	1	↙	
1	391 - 40001 - 11	CONTROL BOX, compl. For Oil sensor type or Electric starter type For Electric starter type with Oil sensor	1	↙	
1	391 - 40004 - 01	CONTROL BOX, compl. For Oil sensor type or Electric starter type For Electric starter type with Oil sensor	1	↙	
* 2	392 - 41001 - 10	CONTROL PANEL ASS'Y For 50Hz - 220V, STD. or Oil sensor type Includes items 2 thru 26	1	↙	
* 2	392 - 41001 - 00	CONTROL PANEL ASS'Y For 50Hz - 220V, STD. or Oil sensor type Includes items 2 thru 26	1	↙	
* 2	392 - 41022 - 10	CONTROL PANEL ASS'Y For 50Hz - 220V, Electric starter type For Electric starter type with Oil sensor Includes items 2 thru 26 and 28 thru 30	1	↙	
* 2	392 - 41022 - 00	CONTROL PANEL ASS'Y For 50Hz - 220V, Electric starter type For Electric starter type with Oil sensor Includes items 2 thru 26 and 28 thru 30	1	↙	
* 2	392 - 41010 - 10	CONTROL PANEL ASS'Y For 50Hz - 240V,STD. or Oil sensor type Includes items 2 thru 27	1	↙	
* 2	392 - 41010 - 00	CONTROL PANEL ASS'Y For 50Hz - 240V,STD. or Oil sensor type Includes items 2 thru 27	1	↙	
* 2	392 - 41011 - 10	CONTROL PANEL ASS'Y For 50Hz - 240V, Electric starter type with Oil sensor Includes items 2 thru 30	1	↙	
* 2	392 - 41011 - 00	CONTROL PANEL ASS'Y For 50Hz - 240V, Electric starter type with Oil sensor Includes items 2 thru 30	1	↙	
* 2	392 - 41018 - 10	CONTROL PANEL ASS'Y For 60Hz - 220V, STD. or Oil sensor type Includes items 2 thru 26	1	↙	
* 2	392 - 41018 - 00	CONTROL PANEL ASS'Y For 60Hz - 220V, STD. or Oil sensor type Includes items 2 thru 26	1	↙	

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-1 CONTROL BOX(220V, 240V)
(UP TO OCT. '91)**

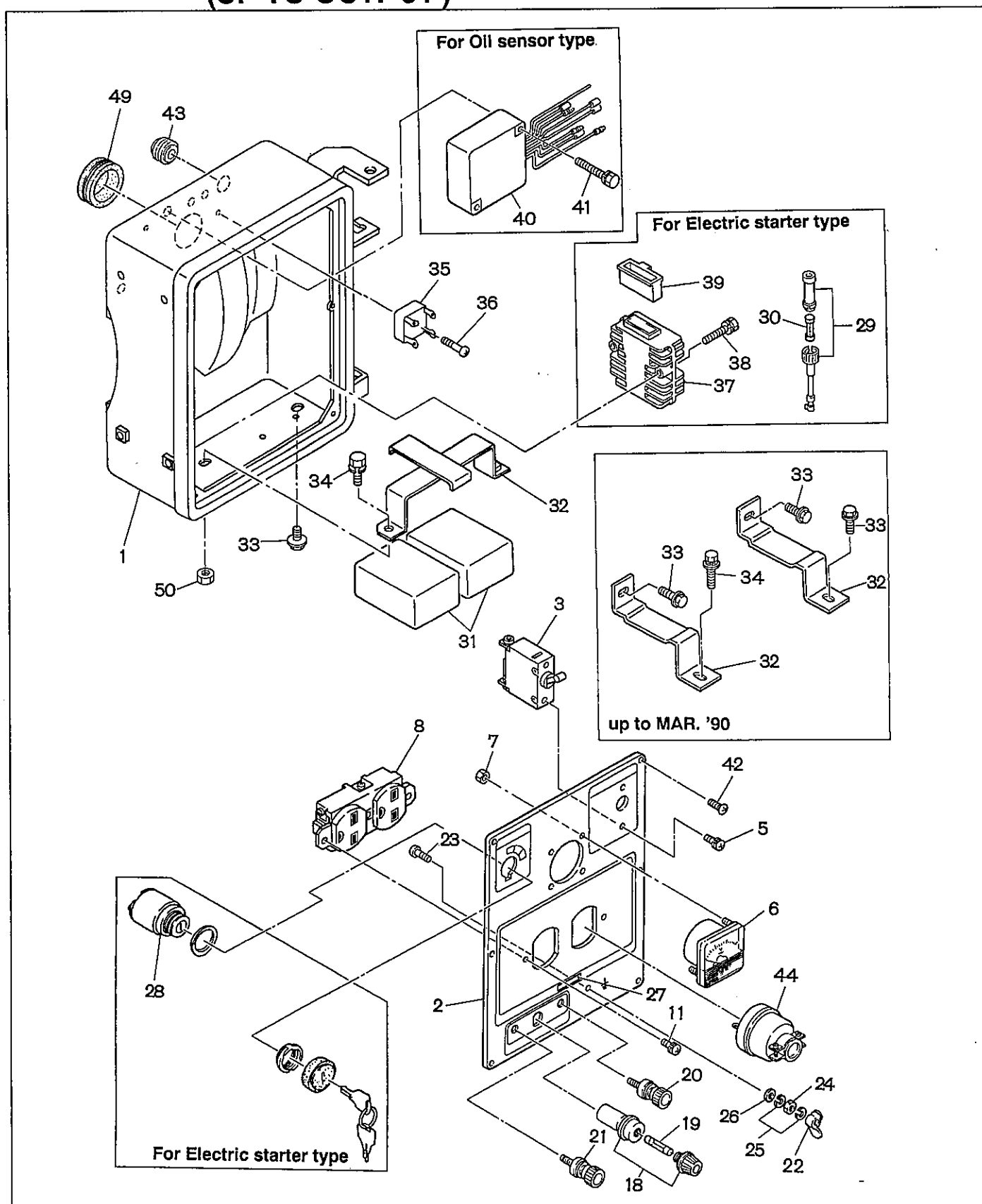


**FIG. 3-1 CONTROL BOX(220V, 240V)
(UP TO OCT. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
* 2	392 - 41027 - 00	CONTROL PANEL ASS'Y For 60Hz - 220V, Electric starter type For Electric starter type with Oil sensor Includes items 2 thru 26 and 28 thru 30	1		
2	391 - 41001 - 01	CONTROL PANEL,compl. For STD. or Oil sensor type	1		
2	391 - 41015 - 01	CONTROL PANEL,compl. For Electric starter type For Electric starter type with Oil sensor	1		
3	392 - 43001 - 03	NO - FUSE BREAKER (12A) For 50Hz	1		
3	392 - 43006 - 03	NO - FUSE BREAKER (14A) For 60Hz	1		
5	004 - 35030 - 60	SCREW and WASHER ASS'Y	2		
6	391 - 47900 - 01	AC VOLTMETER (240V)	1		
6	350 - 40611 - 08	AC VOLTMETER (300V)	1		
7	002 - 17030 - 00	NUT	2		
7	341 - 00231 - 08	NUT	4		
8	378 - 45736 - 08	AC RECEPTACLE (250V - 15A)	1		
11	004 - 35041 - 00	SCREW and WASHER ASS'Y	2		
18	320 - 59855 - 08	FUSE HOLDER (DC)	1		
19	008 - 02103 - 00	FUSE (10A)	1		
20	363 - 45701 - 08	TERMINAL BOLT (Color : RED)	1		
21	363 - 45700 - 08	TERMINAL BOLT (Color : BLACK)	1		
22	353 - 49901 - 08	WING NUT	1		
23	356 - 49907 - 08	SCREW	1		
24	353 - 49902 - 08	NUT	1		
25	332 - 00050 - 08	SPRING WASHER	2		
26	353 - 49903 - 08	WASHER	1		
27	376 - 92201 - 03	LABEL (AC 240V) For 50Hz - 240V	1		
28	066 - 00001 - 11	SWITCH For Electric starter type	1		
29	385 - 45517 - 08	FUSE HOLDER For Electric starter type	1		
30	385 - 45518 - 08	FUSE (15A) For Electric starter type	1		
31	376 - 22000 - 03	CONDENSER (10 μ F)	2		
32	387 - 45002 - 01	CONDENSER BRACKET,compl.	1		after APR. '90
32	391 - 45000 - 01	CONDENSER BRACKET,compl.	2		
33	011 - 00600 - 10	FLANGE BOLT	1		
33	011 - 00600 - 10	FLANGE BOLT	3		
34	391 - 49001 - 03	BOLT and WASHER ASS'Y	1		
35	353 - 45804 - 08	DIODE STACK ASS'Y	1		
36	015 - 00400 - 70	TAPPING SCREW	1		
36	004 - 36042 - 00	SCREW and WASHER ASS'Y	1		
37	228 - 71920 - 01	REGULATOR,compl. For Electric starter type	1		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-1 CONTROL BOX(220V, 240V)
(UP TO OCT. '91)**

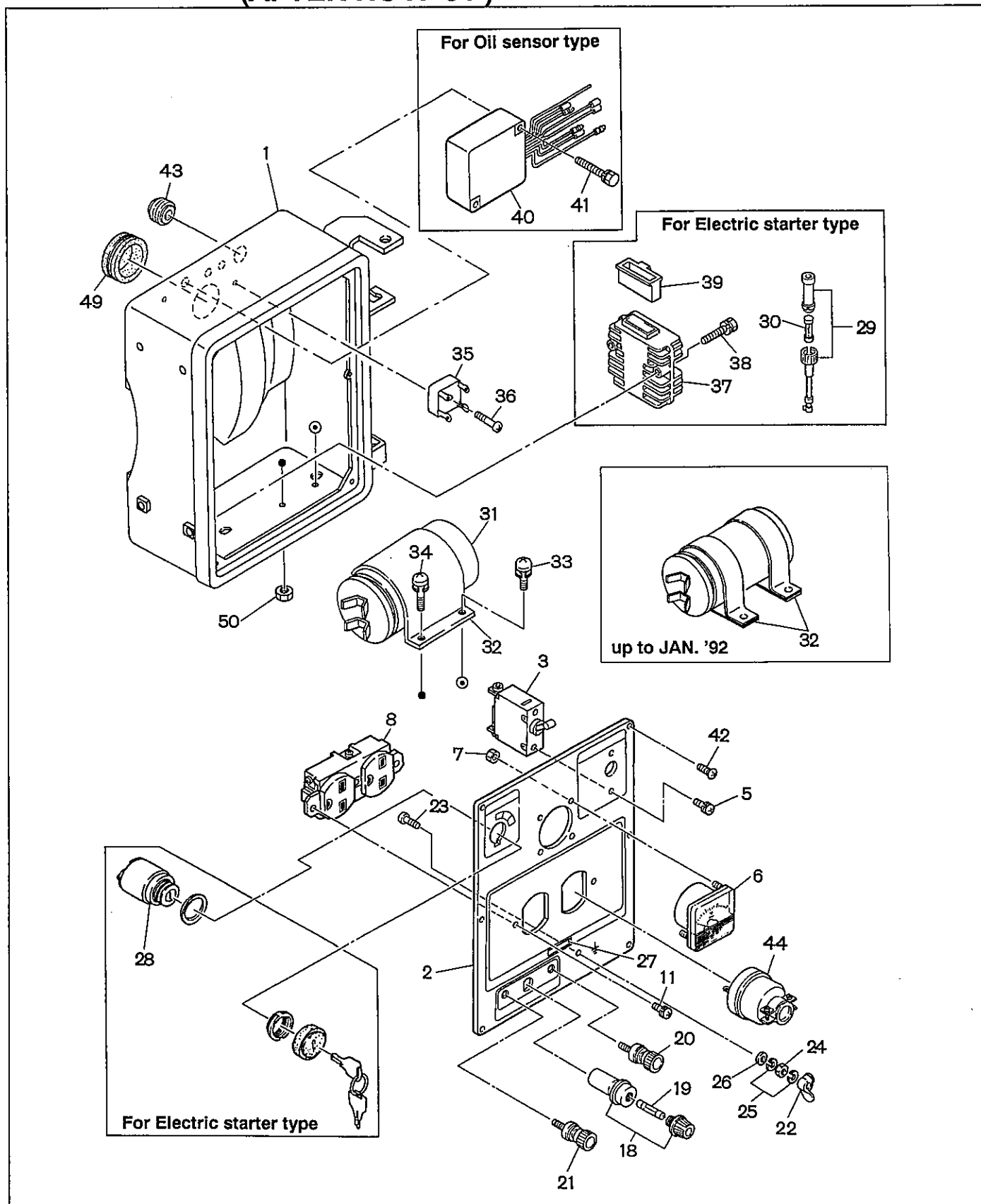


**FIG. 3-1 CONTROL BOX(220V,240V)
(UP TO OCT. '91)**

[illegible]

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-2 CONTROL BOX(220V, 240V)
(AFTER NOV. '91)**

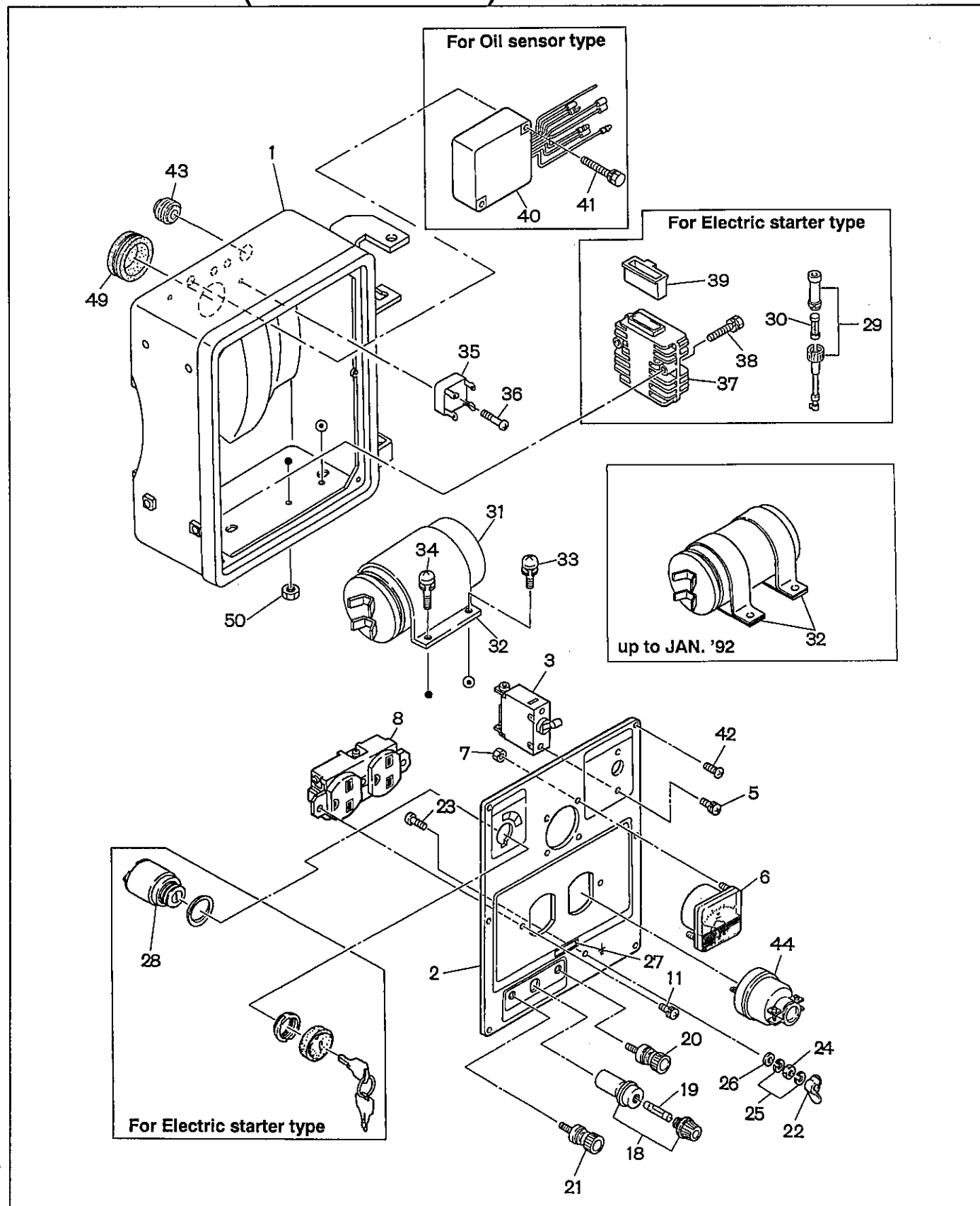


**FIG. 3-2 CONTROL BOX(220V, 240V)
(AFTER NOV. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
* 1	392 - 40001 - 30	CONTROL BOX ASS'Y For 50Hz - 220V, STD. Includes items 1 thru 26,31 thru 36,42,43,49 and 50	1		
* 1	392 - 40022 - 20	CONTROL BOX ASS'Y For 50Hz - 220V, Electric starter type Includes items 1 thru 26,28 thru 39,42,43,49 and 50	1		
* 1	392 - 40023 - 10	CONTROL BOX ASS'Y For 50Hz - 220V, Oil sensor type Includes items 1 thru 26,31 thru 36,40 thru 43,49 and 50	1		
* 1	392 - 40024 - 30	CONTROL BOX ASS'Y For 50Hz - 220V, Electric starter type with oil sensor Includes items 1 thru 26 and 28 thru 43	1		
* 1	392 - 40025 - 20	CONTROL BOX ASS'Y For 50Hz - 240V, STD. Includes items 1 thru 27,31 thru 36,42,43,49 and 50	1		
* 1	392 - 40026 - 00	CONTROL BOX ASS'Y For 50Hz - 240V, Electric starter type Includes items 2 thru 39, 42 and 43	1		
* 1	392 - 40010 - 30	CONTROL BOX ASS'Y For 50Hz - 240V, Oil sensor type Includes items 1 thru 27,31 thru 36,40 thru 43,49 and 50	1		
* 1	392 - 40011 - 30	CONTROL BOX ASS'Y For 50Hz - 240V, Electric starter type with Oil sensor Includes items 1 thru 43, 49 and 50	1		
* 1	392 - 40018 - 30	CONTROL BOX ASS'Y For 60Hz - 220V, STD. Includes items 1 thru 26,31 thru 36,42,43,49 and 50	1		
* 1	392 - 40027 - 00	CONTROL BOX ASS'Y For 60Hz - 220V, Electric starter type Includes items 1 thru 26,28 thru 39,42,43,49 and 50	1		
* 1	392 - 40028 - 00	CONTROL BOX ASS'Y For 60Hz - 220V, Oil sensor type Includes items 1 thru 26,31 thru 36,40 thru 43,49 and 50	1		
* 1	392 - 40029 - 00	CONTROL BOX ASS'Y For 60Hz - 220V, Electric starter type with Oil sensor Includes items 1 thru 26,28 thru 43,49 and 50	1		
1	391 - 40001 - 31	CONTROL BOX, compl.	1		
* 2	392 - 41001 - 10	CONTROL PANEL ASS'Y For 50Hz - 220V, STD. or Oil sensor type Includes items 2 thru 26	1		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-2 CONTROL BOX(220V, 240V)
(AFTER NOV. '91)**

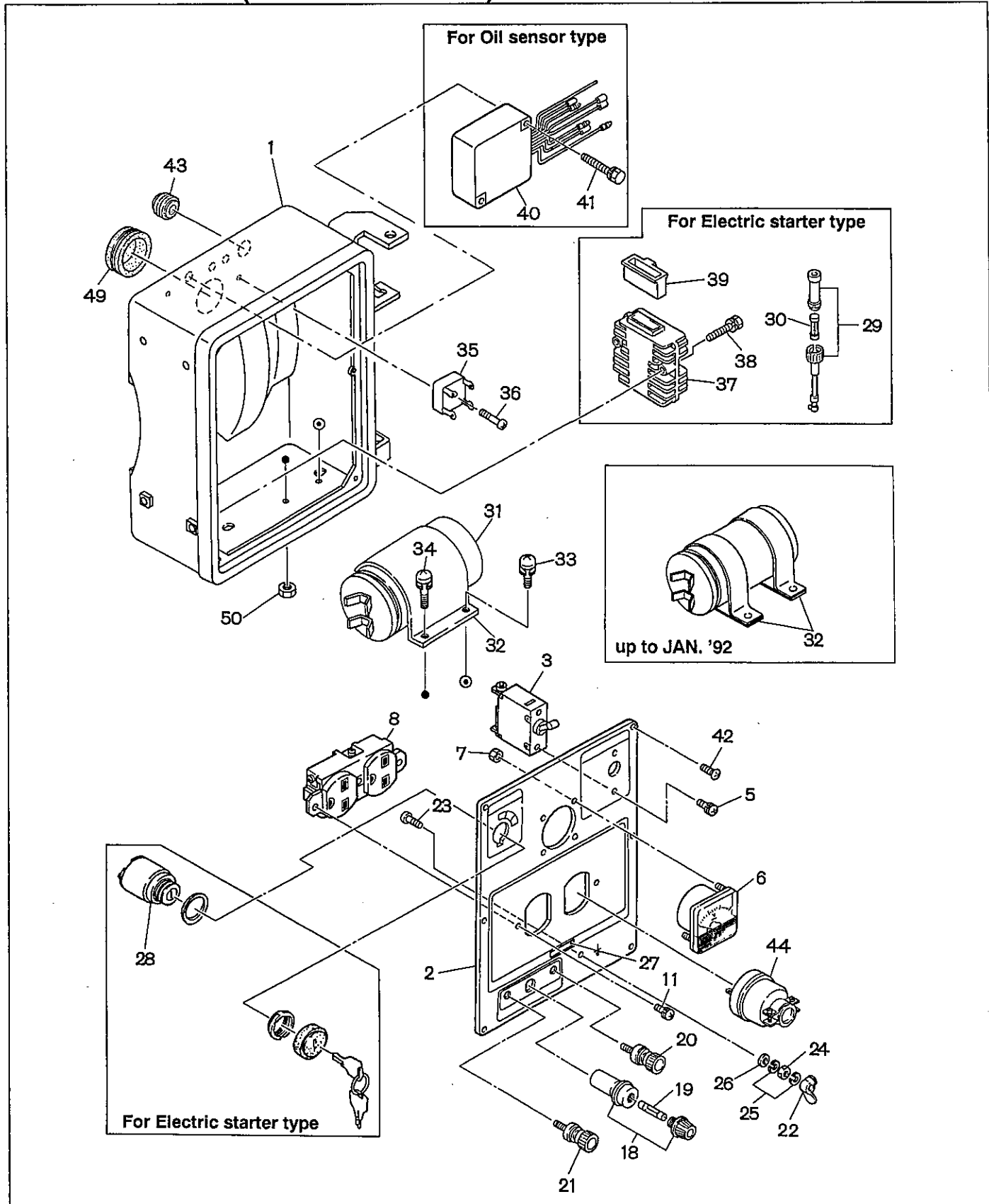


**FIG. 3-2 CONTROL BOX(220V, 240V)
(AFTER NOV. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
				↓	Execution
* 2	392 - 41022 - 10	CONTROL PANEL ASS'Y For 50Hz - 220V, Electric starter type For Electric starter type with Oil sensor Includes items 2 thru 26 and 28 thru 30	1		
* 2	392 - 41010 - 10	CONTROL PANEL ASS'Y For 50Hz - 240V, STD. or Oil sensor type Includes items 2 thru 27	1		
* 2	392 - 41011 - 00	CONTROL PANEL ASS'Y For 50Hz - 240V, Electric starter type For Electric starter type with Oil sensor Includes items 2 thru 30	1		
* 2	392 - 41018 - 10	CONTROL PANEL ASS'Y For 60Hz - 220V, STD. or Oil sensor type Includes items 2 thru 26	1		
* 2	392 - 41027 - 00	CONTROL PANEL ASS'Y For 60Hz - 220V, Electric starter type For Electric starter type with Oil sensor Includes items 2 thru 26 and 28 thru 30	1		
2	391 - 41001 - 01	CONTROL PANEL, compl. For STD. or Oil sensor type	1		
2	391 - 41015 - 01	CONTROL PANEL, compl. For Electric starter type For Electric starter type with Oil sensor	1		
3	392 - 43001 - 03	NO - FUSE BREAKER (12A) For 50Hz	1		
3	392 - 43006 - 03	NO - FUSE BREAKER (14A) For 60Hz	1		
5	004 - 35030 - 60	SCREW and WASHER ASS'Y	2		
6	391 - 47900 - 01	AC VOLTMETER (240V)	1		
7	002 - 17030 - 00	NUT	2		
8	378 - 45736 - 08	AC RECEPTACLE (250V - 15A)	1		
11	004 - 35041 - 00	SCREW and WASHER ASS'Y	2		
18	320 - 59855 - 08	FUSE HOLDER (DC)	1		
19	008 - 02103 - 00	FUSE (10A)	1		
20	363 - 45701 - 08	TERMINAL BOLT (Color : RED)	1		
21	363 - 45700 - 08	TERMINAL BOLT (Color : BLACK)	1		
22	353 - 49901 - 08	WING NUT	1		
23	356 - 49907 - 08	SCREW	1		
24	353 - 49902 - 08	NUT	1		
25	332 - 00050 - 08	SPRING WASHER	2		
26	353 - 49903 - 08	WASHER	1		
27	376 - 92201 - 03	LABEL (AC 240V) For 50Hz - 240V	1		
28	066 - 00001 - 11	SWITCH For Electric starter type	1		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-2 CONTROL BOX(220V, 240V)
(AFTER NOV. '91)**

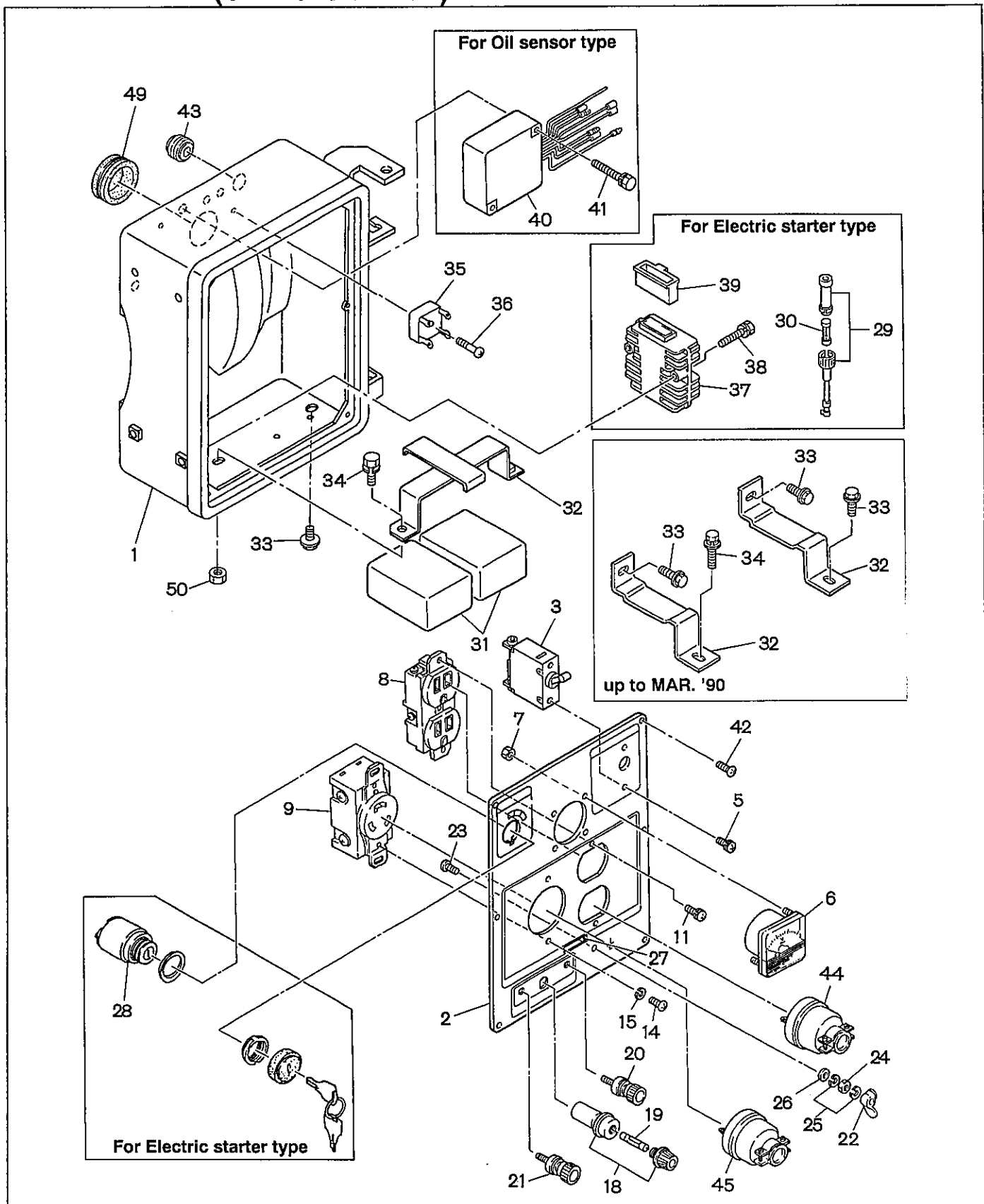


**FIG. 3-2 CONTROL BOX(220V, 240V)
(AFTER NOV. '91)**

[illegible]

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-3 CONTROL BOX(110V, 120V)
(UP TO OCT. '91)**



**FIG. 3-3 CONTROL BOX(110V,120V)
(UP TO OCT. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
* 1	392 - 40030 - 00	CONTROL BOX ASS'Y For 50Hz - 110V, STD. Includes items 1 thru 27,31 thru 36,42 and 43	1	X ↔	
* 1	392 - 40031 - 00	CONTROL BOX ASS'Y For 50Hz, - 110V, Electric starter type Includes items 1 thru 39,42 and 43	1		
* 1	392 - 40032 - 00	CONTROL BOX ASS'Y For 50Hz - 110V, Oil sensor type Includes items 1 thru 27,31 thru 36,42 and 43	1		
* 1	392 - 40033 - 00	CONTROL BOX ASS'Y For 50Hz - 110V, Electric starter type with oil sensor Includes items 1 thru 43	1		
* 1	392 - 40034 - 10	CONTROL BOX ASS'Y For 60Hz - 110V, STD. Includes items 1 thru 27,31 thru 36,42,43,49 and 50	1		
* 1	392 - 40034 - 00	CONTROL BOX ASS'Y For 60Hz - 110V, STD. Includes items 1 thru 27,31 thru 36,42 and 43	1		
* 1	392 - 40035 - 00	CONTROL BOX ASS'Y For 60Hz - 110V, Electric starter type Includes items 1 thru 39,42 and 43	1		
* 1	392 - 40036 - 00	CONTROL BOX ASS'Y For 60Hz - 110V, Oil sensor type Includes items 1 thru 27,31 thru 36 and 40 thru 43	1		
* 1	392 - 40037 - 00	CONTROL BOX ASS'Y For 60Hz - 110V, Electric starter type with oil sensor Includes items 1 thru 43	1		
* 1	392 - 40038 - 00	CONTROL BOX ASS'Y For 60Hz - 120V, STD. Includes items 1 thru 27,31 thru 36,42 and 43	1		
* 1	392 - 40039 - 00	CONTROL BOX ASS'Y For 60Hz - 120V, Electric starter type Includes items 1 thru 39,42 and 43	1		
* 1	392 - 40040 - 00	CONTROL BOX ASS'Y For 60hz - 120V, Oil sensor type Includes items 1 thru 27,31 thru 36 and 40 thru 43	1		
* 1	392 - 40041 - 00	CONTROL BOX ASS'Y For 60Hz - 120V, Electric starter type with Oil sensor Includes items 1 thru 43	1		

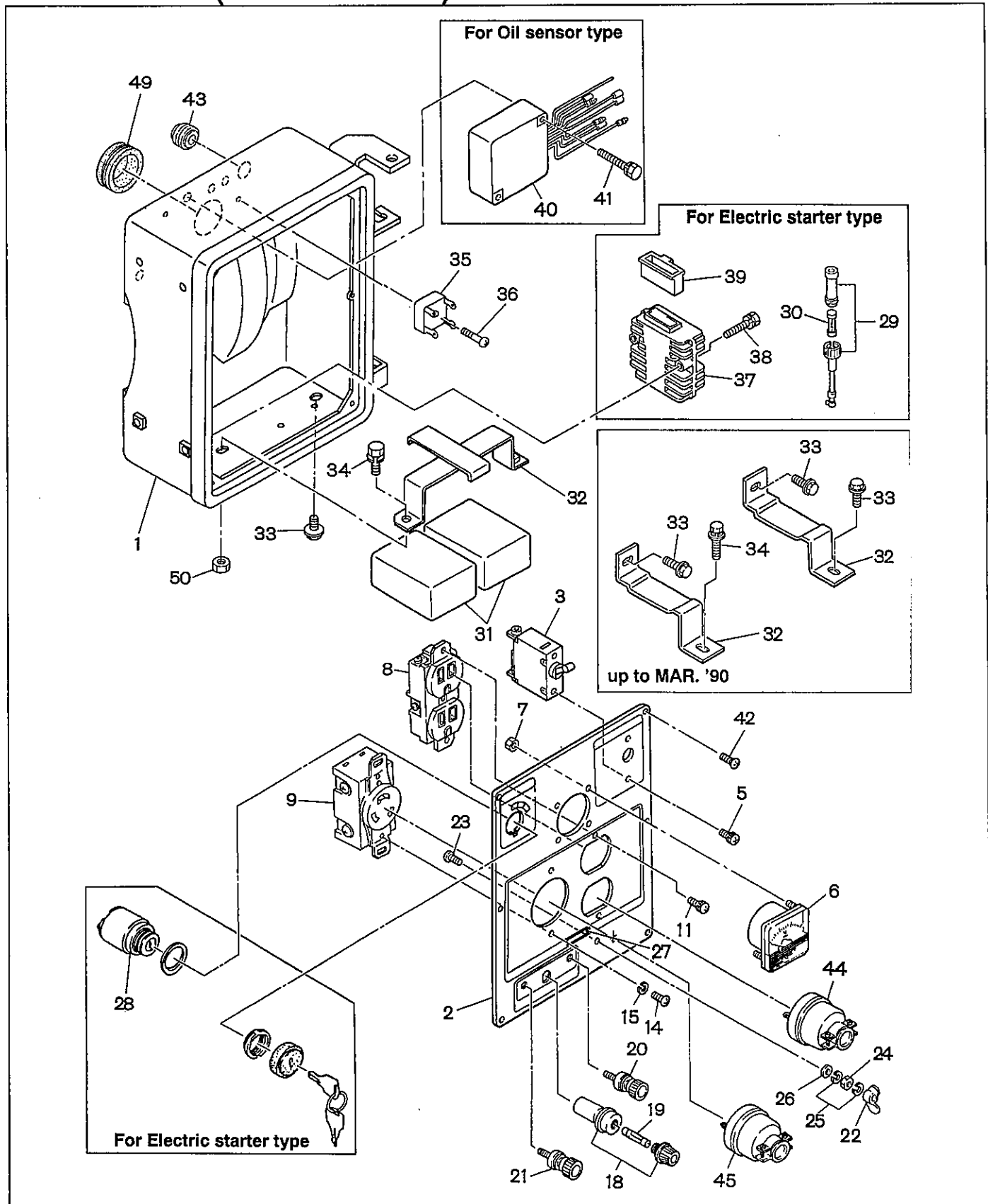
When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-3 CONTROL BOX(110V,120V)
(UP TO OCT. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	Execution
1	391 - 40001 - 21	CONTROL BOX, compl. For STD.	1	↙	
1	391 - 40001 - 11	CONTROL BOX, compl. For STD.	1	↙	
1	391 - 40001 - 01	CONTROL BOX, compl. For STD.	1	↙	
1	391 - 40001 - 21	CONTROL BOX, compl. For Oil sensor type or Electric starter type For Electric starter type with Oil sensor	1	↙	
1	391 - 40001 - 11	CONTROL BOX, compl. For Oil sensor type or Electric starter type For Electric starter type with Oil sensor	1	↙	
1	391 - 40004 - 01	CONTROL BOX, compl. For Oil sensor type or Electric starter type For Electric starter type with Oil sensor	1	↙	
* 2	392 - 41030 - 00	CONTROL PANEL ASS'Y For 50Hz - 110V, STD. or Oil sensor type Includes items 2 thru 27	1		
* 2	392 - 41031 - 00	CONTROL PANEL ASS'Y For 50Hz - 110V, Electric starter type For Electric starter type with Oil sensor Includes items 2 thru 30	1		
* 2	392 - 41034 - 10	CONTROL PANEL ASS'Y For 60Hz - 110V, STD. or Oil sensor type Includes items 2 thru 27	1	↙	
* 2	392 - 41034 - 00	CONTROL PANEL ASS'Y For 60Hz - 110V, STD. or Oil sensor type Includes items 2 thru 27	1	↙	
* 2	392 - 41035 - 00	CONTROL PANEL ASS'Y For 60Hz - 110V, Electric starter type For Electric starter type with Oil sensor Includes itmes 2 thru 30	1		
* 2	392 - 41038 - 00	CONTROL PANEL ASS'Y For 60Hz - 120V, STD. or Oil sensor type Includes items 2 thru 27	1		
* 2	392 - 41039 - 00	CONTROL PANEL ASS'Y For 60Hz - 120V, Electric starter type For Electric starter type with Oil sensor Includes items 2 thru 30	1		
2	391 - 41017 - 01	CONTROL PANEL, compl. For STD. or Oil sensor type	1		
2	391 - 41028 - 01	CONTROL PANEL, compl. For Electric starter type For Electric starter type with Oil sensor	1		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-3 CONTROL BOX(110V, 120V)
(UP TO OCT. '91)**

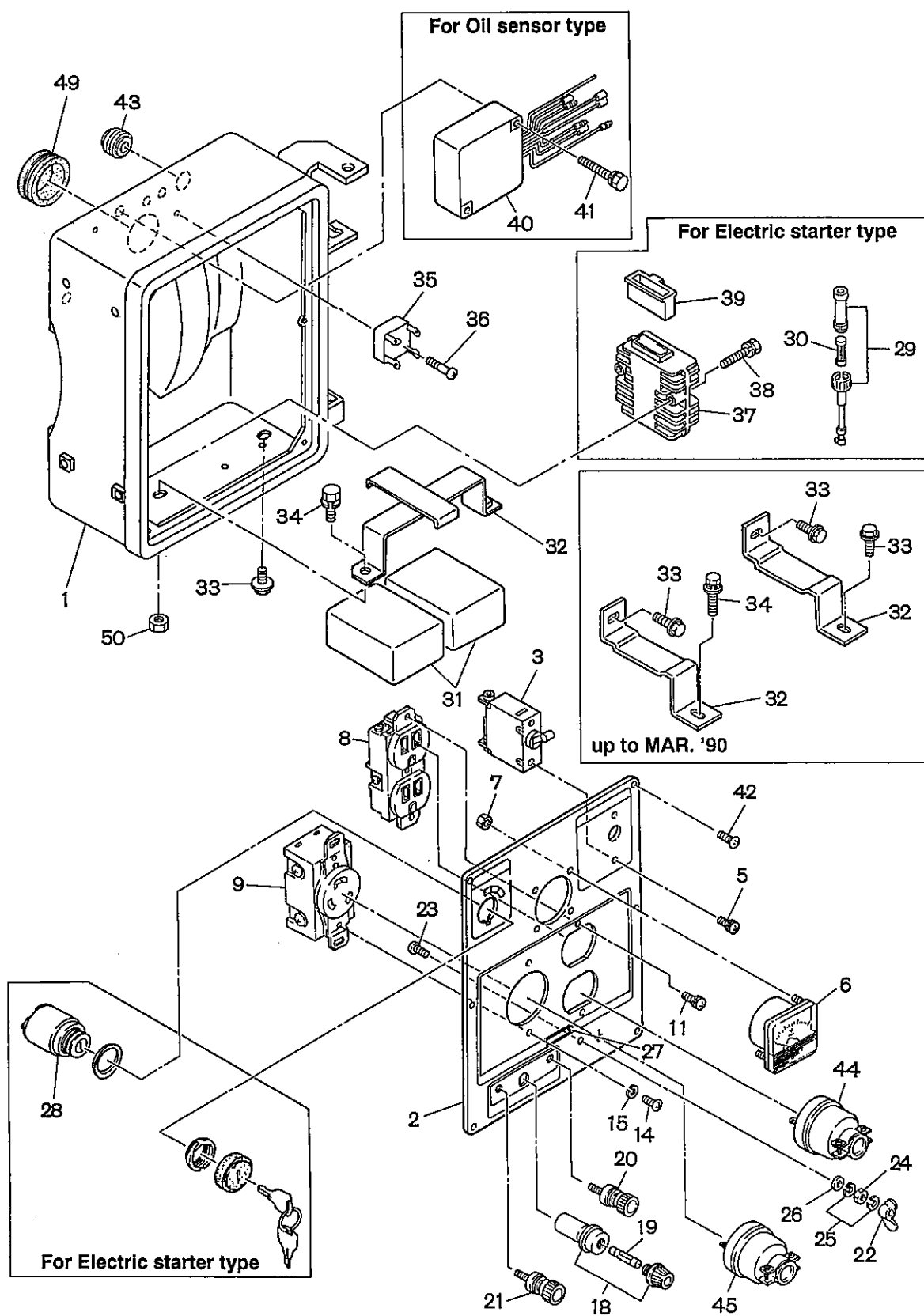


**FIG. 3-3 CONTROL BOX(110V, 120V)
(UP TO OCT. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
3	392 - 43007 - 03	NO - FUSE BREAKER (25A) For 50Hz - 110V	1	FOR TX	
3	392 - 43003 - 03	NO - FUSE BREAKER (27A) For 60Hz - 110V, 120V	1		
5	004 - 35030 - 60	SCREW and WASHER ASS'Y	2		
6	391 - 47800 - 01	AC VOLTMETER (150V)	1		
6	350 - 40610 - 08	AC VOLTMETER (150V)	1		
7	002 - 17030 - 00	NUT	2		
7	341 - 00231 - 08	NUT	4		
8	378 - 45737 - 08	AC RECEPTACLE (125V - 15A)	1		
9	353 - 45703 - 08	AC RECEPTACLE (125V - 30A, TWIST LOCK)	1		
11	004 - 35041 - 00	SCREW and WASHER ASS'Y	2		
14	353 - 49905 - 08	SCREW	2		
15	326 - 00335 - 08	SPRING WASHER	1		
18	320 - 59855 - 08	FUSE HOLDER (DC)	1		
19	008 - 02103 - 00	FUSE (10A)	1		
20	333 - 45701 - 08	TERMINAL BOLT (Color : RED)	1		
21	333 - 45700 - 08	TERMINAL BOLT (Color : BLACK)	1		
22	353 - 49901 - 08	WING NUT	1		
23	356 - 49907 - 08	SCREW	1		
24	353 - 49902 - 08	NUT	1		
25	332 - 00050 - 08	SPRING WASHER	2		
26	353 - 49903 - 08	WASHER	1		
27	376 - 92202 - 03	LABEL (AC 110V) For 110V	1		
27	376 - 92203 - 03	LABEL (AC 120V) For 120V	1		
28	066 - 00001 - 11	SWITCH For Electric starter type	1		
29	385 - 45517 - 08	FUSE HOLDER For Electric starter type	1		
30	385 - 45518 - 08	FUSE (15A) For Electric starter type	1		
31	376 - 22000 - 03	CONDENSER (10 μ F)	2		
32	387 - 45002 - 01	CONDENSER BRACKET, compl.	1	TX	after APR. '90
32	391 - 45000 - 01	CONDENSER BRACKET, compl.	2		
33	011 - 00600 - 10	FLANGE BOLT	1	TX	
33	011 - 00600 - 10	FLANGE BOLT	3		
34	391 - 49001 - 03	BOLT and WASHER ASS'Y	1	TX	
35	353 - 45804 - 08	DIODE STACK ASS'Y	1		
36	015 - 00400 - 70	TAPPING SCREW	1	TX	
36	004 - 36042 - 00	SCREW and WASHER ASS'Y	1		
37	228 - 71920 - 01	REGULATOR, compl. For Electric starter type	1		
38	001 - 11062 - 50	BOLT and WASHER ASS'Y For Electric starter type	2		
39	391 - 47700 - 03	CONNECTOR For Electric starter type	1		
40	228 - 76001 - 11	OIL SENSOR, compl. For Oil sensor type	1		
41	001 - 11063 - 50	BOLT and WASHER ASS'Y For Oil sensor type	2		
42	353 - 49904 - 08	SCREW	6		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-3 CONTROL BOX(110V, 120V)
(UP TO OCT. '91)**

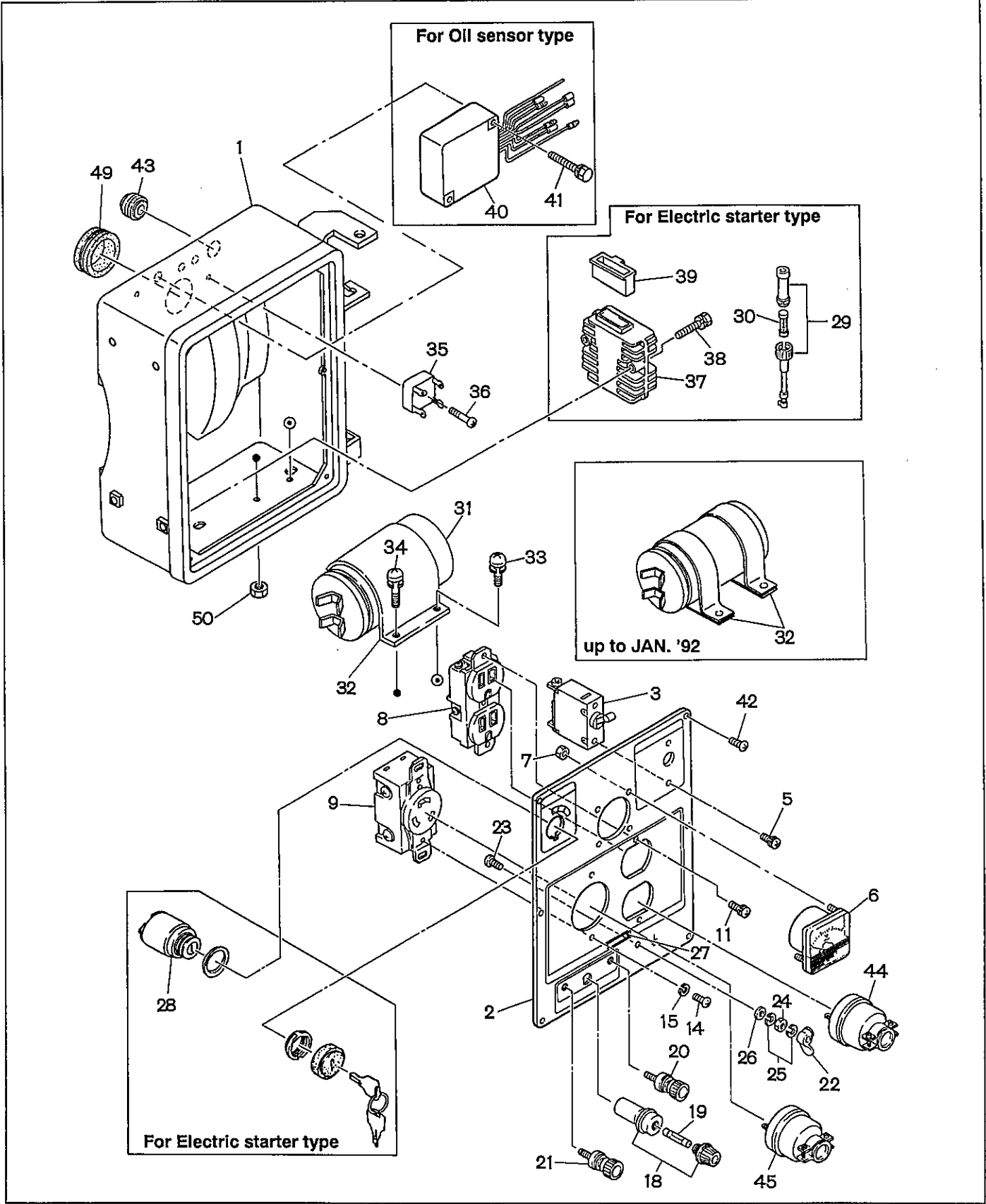


**FIG. 3-3 CONTROL BOX(110V, 120V)
(UP TO OCT. '91)**

[illegible]

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

FIG. 3-4 CONTROL BOX(110V,120V)
(AFTER NOV. '91)

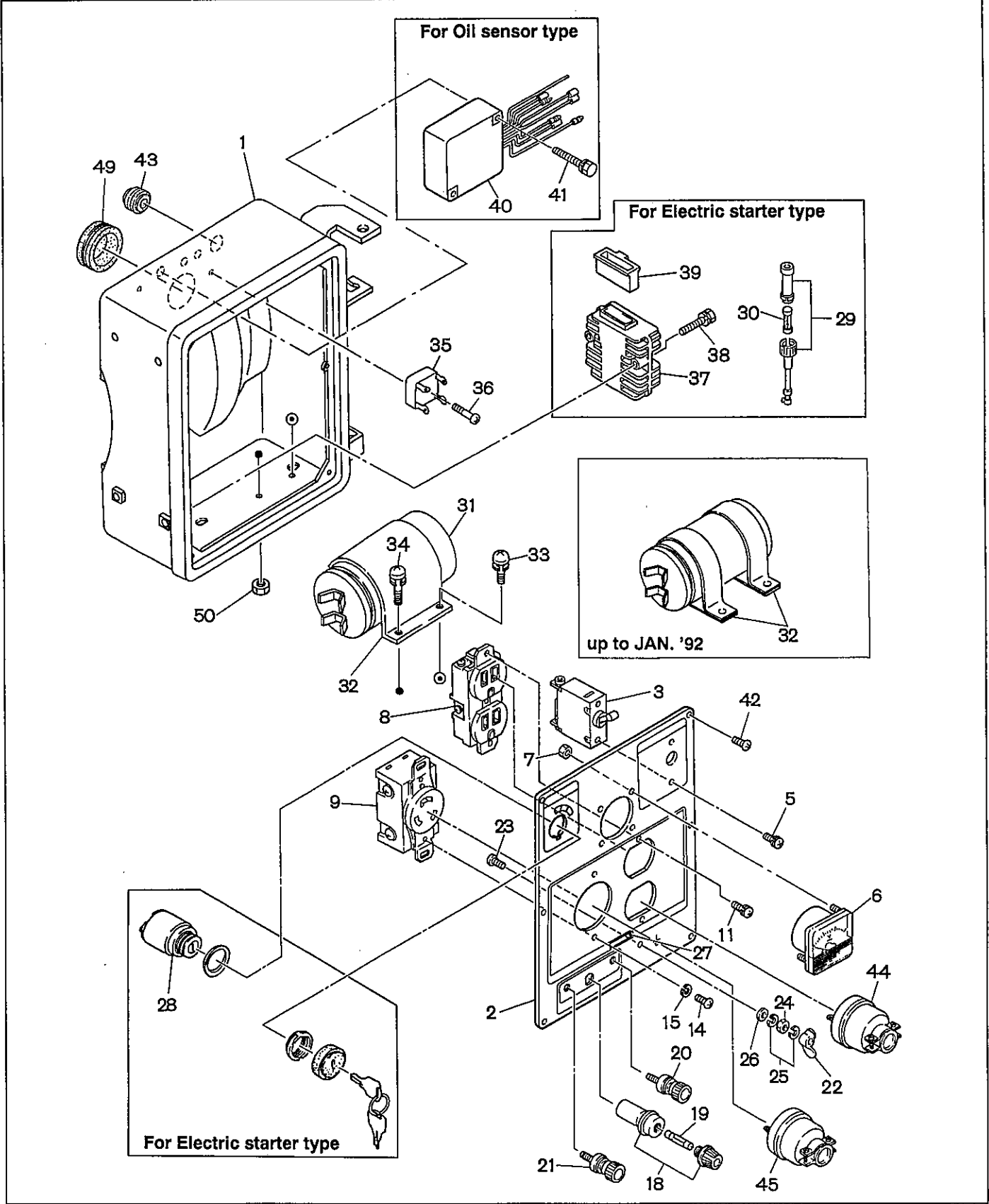


**FIG. 3-4 CONTROL BOX(110V, 120V)
(AFTER NOV. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
* 1	392 - 40030 - 00	CONTROL BOX ASS'Y For 50Hz - 110V, STD. Includes items 1 thru 27, 31 thru 36, 42 and 43	1		
* 1	392 - 40031 - 00	CONTROL BOX ASS'Y For 50Hz - 110V, Electric starter type Includes items 1 thru 26, 28 thru 39, 42 and 43	1		
* 1	392 - 40032 - 00	CONTROL BOX ASS'Y For 50Hz - 110V, Oil sensor type Includes items 1 thru 27, 31 thru 36 and 40 thru 43	1		
* 1	392 - 40033 - 00	CONTROL BOX ASS'Y For 50Hz - 110V, Electric starter type with Oil sensor Includes items 1 thru 26 and 28 thru 43	1		
* 1	392 - 40034 - 20	CONTROL BOX ASS'Y For 60Hz - 110V, STD. Includes items 1 thru 27, 31 thru 36, 42, 43, 49 and 50	1		
* 1	392 - 40035 - 00	CONTROL BOX ASS'Y For 60Hz - 110V, Electric starter type Includes items 1 thru 39, 42 and 43	1		
* 1	392 - 40036 - 00	CONTROL BOX ASS'Y For 60Hz - 110V, Oil sensor type Includes items 1 thru 27, 31 thru 36 and 40 thru 43	1		
* 1	392 - 40037 - 00	CONTROL BOX ASS'Y For 60Hz - 110V, Electric starter type with Oil sensor Includes items 1 thru 43	1		
* 1	392 - 40038 - 00	CONTROL BOX ASS'Y For 60Hz - 120V, STD. Includes items 1 thru 27, 31 thru 36, 42 and 43	1		
* 1	392 - 40039 - 00	CONTROL BOX ASS'Y For 60Hz - 120V, Electric starter type Includes items 1 thru 39, 42 and 43	1		
* 1	392 - 40040 - 00	CONTROL BOX ASS'Y For 60Hz - 120V, Oil sensor type Includes items 1 thru 27, 31 thru 36 and 40 thru 43	1		
* 1	392 - 40041 - 00	CONTROL BOX ASS'Y For 60Hz - 120V, Electric starter type with Oil sensor Includes items 1 thru 43	1		
1	391 - 40001 - 31	CONTROL BOX, compl.	1		
* 2	392 - 41030 - 00	CONTROL PANEL ASS'Y For 50Hz - 110V, STD. or Oil sensor type Includes items 2 thru 27	1		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

FIG. 3-4 CONTROL BOX(110V,120V)
(AFTER NOV. '91)

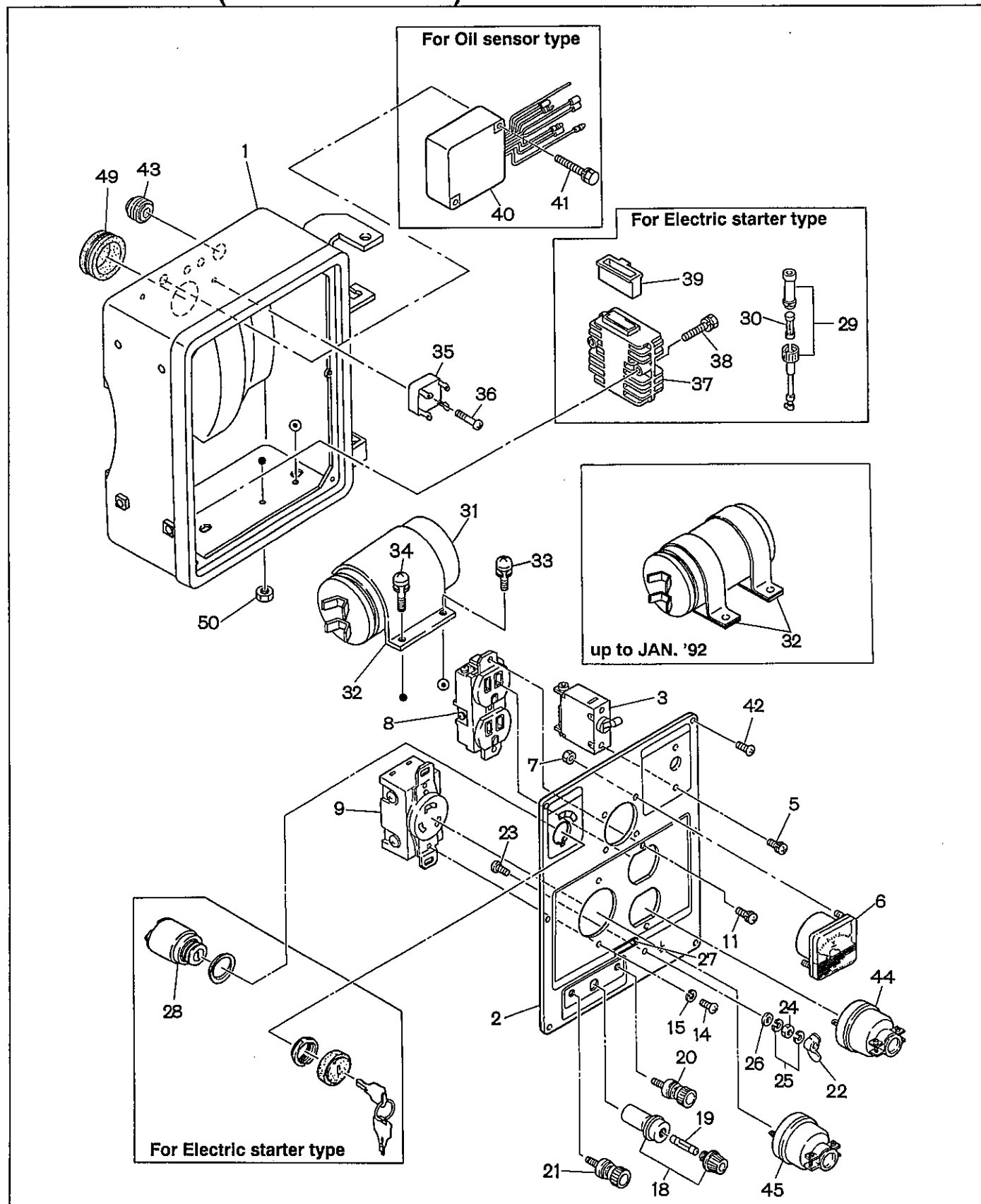


**FIG. 3-4 CONTROL BOX(110V, 120V)
(AFTER NOV. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
* 2	392 - 41031 - 00	CONTROL PANEL ASS'Y For 50Hz - 110V, Electric starter type For Electric starter type with Oil sensor Includes items 2 thru 30	1		
* 2	392 - 41034 - 10	CONTROL PANEL ASS'Y For 60Hz - 110V, STD. or Oil sensor type Includes items 2 thru 27	1		
* 2	392 - 41035 - 00	CONTROL PANEL ASS'Y For 60Hz - 110V, Electric starter type For Electric starter type with Oil sensor Includes items 2 thru 30	1		
* 2	392 - 41038 - 00	CONTROL PANEL ASS'Y For 60Hz - 120V, STD. or Oil sensor Includes items 2 thru 27	1		
* 2	392 - 41039 - 00	CONTROL PANEL ASS'Y For 60Hz - 120V, Electric starter type For Electric starter type with Oil sensor Includes items 2 thru 30	1		
2	391 - 41017 - 01	CONTROL PANEL, compl. For STD. or Oil sensor type	1		
2	391 - 41028 - 01	CONTROL PANEL, compl. For Electric starter type For Electric starter type with Oil sensor	1		
3	392 - 43007 - 03	NO - FUSE BREAKER (25A) For 50Hz - 110V	1		
3	392 - 43003 - 03	NO - FUSE BREAKER (27A) For 60Hz - 110V, 120V	1		
5	004 - 35030 - 60	SCREW and WASHER ASS'Y	2		
6	391 - 47800 - 01	AC VOLTMETER (150V)	1		
7	002 - 17030 - 00	NUT	2		
8	378 - 45737 - 08	AC RECEPTACLE (125V - 15A)	1		
9	353 - 45703 - 08	AC RECEPTACLE (125V - 30A, TWIST LOCK)	1		
11	004 - 35041 - 00	SCREW and WASHER ASS'Y	2		
14	353 - 49905 - 08	SCREW	2		
15	326 - 00335 - 08	SPRING WASHER	1		
18	320 - 59855 - 08	FUSE HOLDER (DC)	1		
19	008 - 02103 - 00	FUSE (10A)	1		
20	363 - 45701 - 08	TERMINAL BOLT (Color : RED)	1		
21	363 - 45700 - 08	TERMINAL BOLT (Color : BLACK)	1		
22	353 - 49901 - 08	WING NUT	1		
23	356 - 49907 - 08	SCREW	1		
24	353 - 49902 - 08	NUT	1		
25	332 - 00050 - 08	SPRING WASHER	2		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-4 CONTROL BOX(110V,120V)
(AFTER NOV. '91)**

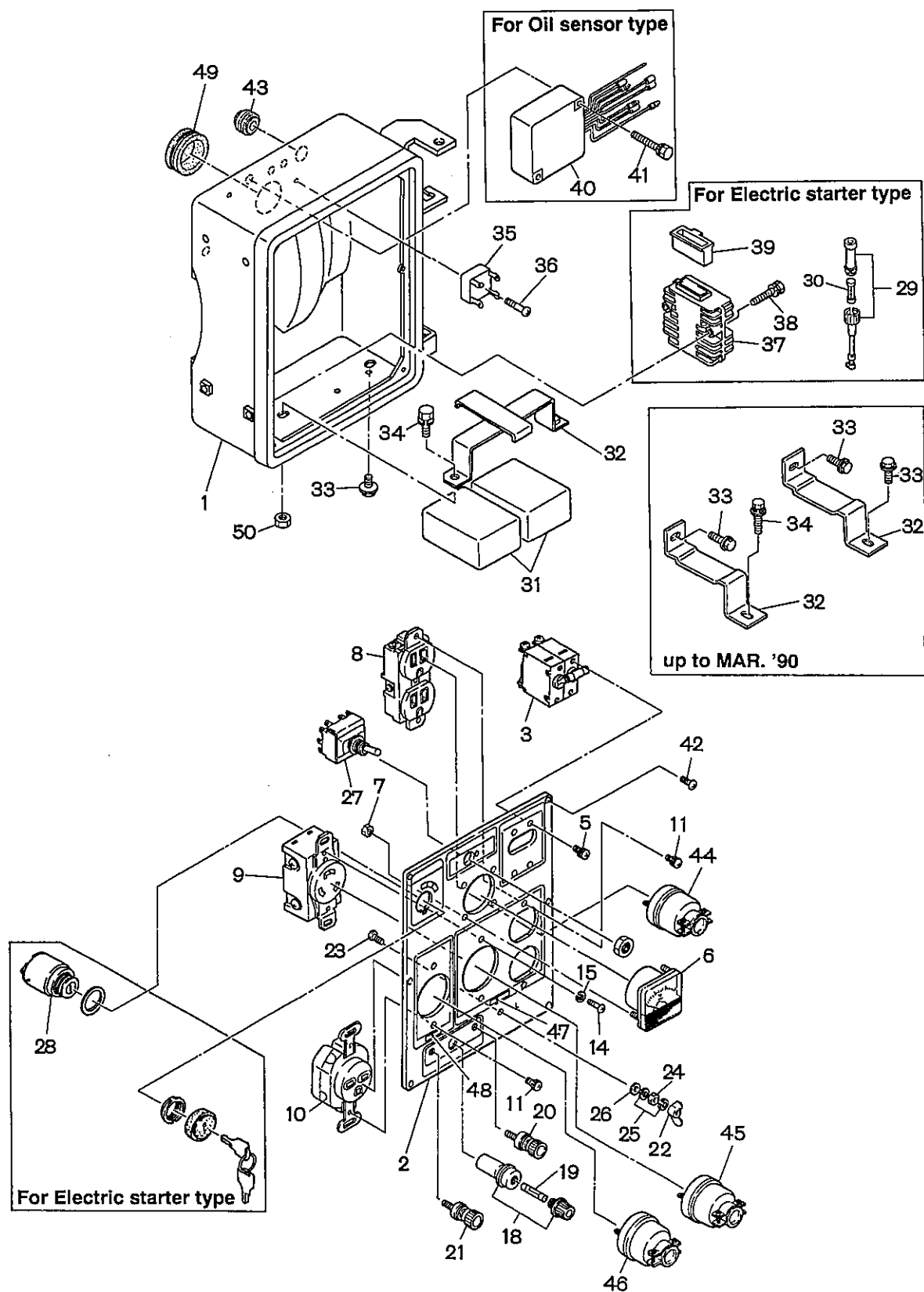


**FIG. 3-4 CONTROL BOX(110V, 120V)
(AFTER NOV. '91)**

[illegible]

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-5 CONTROL BOX(110V/220V, 120V/240V)
(UP TO OCT. '91)**

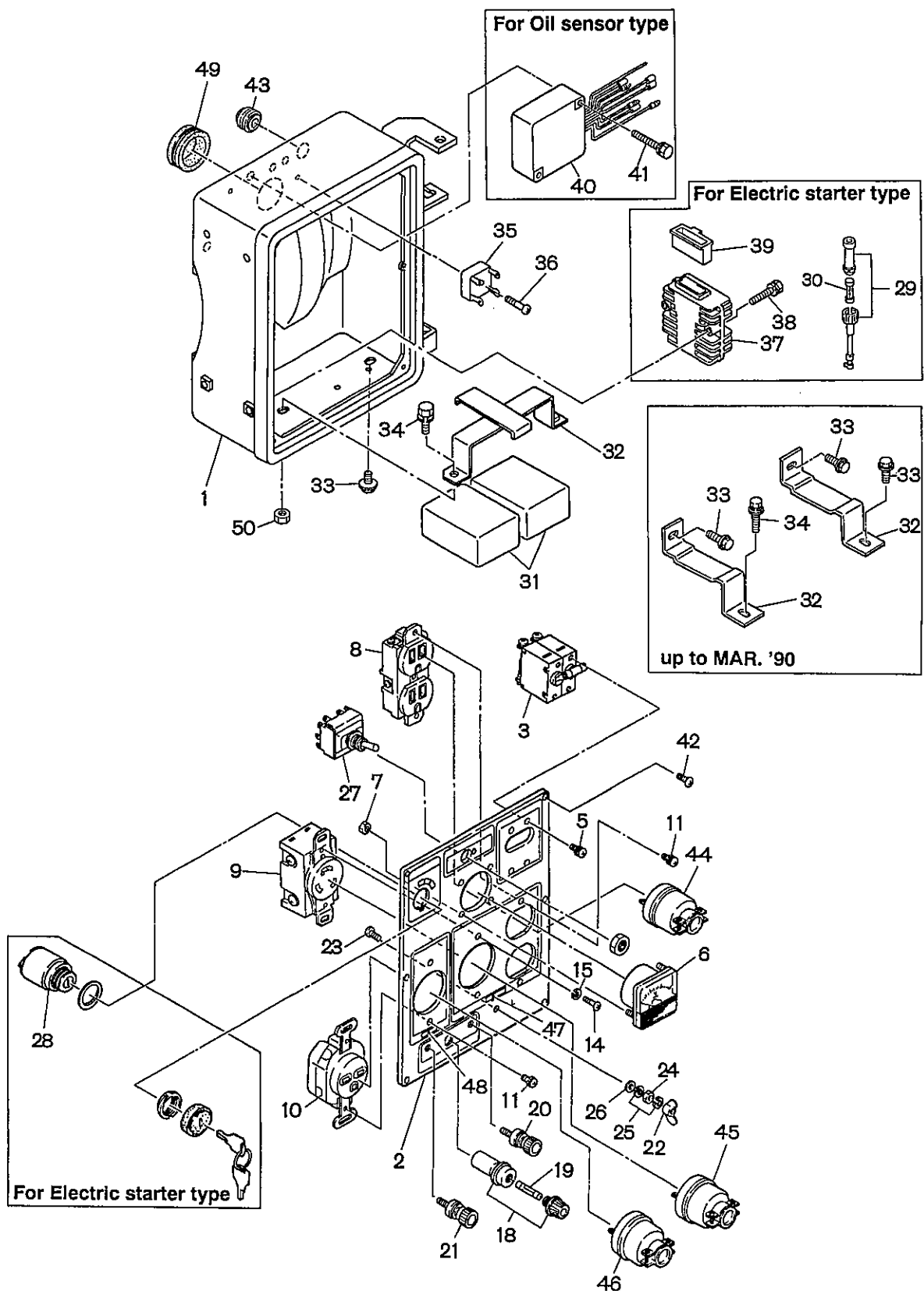


**FIG. 3-5 CONTROL BOX(110V/220V, 120V/240V)
(UP TO OCT. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
* 1	392 - 40042 - 10	CONTROL BOX ASS'Y For 50Hz - 110V/220V, STD. Includes items 1 thru 27,31 thru 36,42,43,49 and 50	1	○	
* 1	392 - 40042 - 00	CONTROL BOX ASS'Y For 50Hz - 110V/220V, STD. Includes items 1 thru 27, 31 thru 36 and 42	1	←	
* 1	392 - 40043 - 10	CONTROL BOX ASS'Y For 50Hz - 110V/220V, Electric starter type Includes items 1 thru 39, 42, 43, 49 and 50	1	○	
* 1	392 - 40043 - 00	CONTROL BOX ASS'Y For 50Hz - 110V/220V, Electric starter type Includes items 1 thru 39, 42 and 43	1	←	
* 1	392 - 40044 - 00	CONTROL BOX ASS'Y For 50Hz - 110V/220V, Oil sensor type Includes items 1 thru 27,31 thru 36 and 40 thru 43	1		
* 1	392 - 40045 - 00	CONTROL BOX ASS'Y For 50Hz-110V/220V, Electric starter type with Oil sensor Includes items 1 thru 43	1		
* 1	392 - 40002 - 20	CONTROL BOX ASS'Y For 60Hz - 110V/220V, STD. Includes items 1 thru 27,31 thru 36,42,43,49 and 50	1	○	
* 1	392 - 40002 - 10	CONTROL BOX ASS'Y For 60Hz - 110V/220V, STD. Includes items 1 thru 27,31 thru 36,42 and 43	1	←	
* 1	392 - 40002 - 00	CONTROL BOX ASS'Y For 60Hz - 110V/220V, STD. Includes items 1 thru 27,31 thru 36 and 42	1	←	
* 1	392 - 40046 - 10	CONTROL BOX ASS'Y For 60Hz - 110V/220V, Electric starter type Includes items 1 thru 39, 42, 43, 49 and 50	1	○	
* 1	392 - 40046 - 00	CONTROL BOX ASS'Y For 60Hz - 110V/220V, Electric starter type Includes items 1 thru 39, 42 and 43	1	←	
* 1	392 - 40047 - 10	CONTROL BOX ASS'Y For 60Hz - 110V/220V, Oil sensor type Includes items 1 thru 27,31 thru 36,40 thru 43,49 and 50	1	○	
* 1	392 - 40047 - 00	CONTROL BOX ASS'Y For 60Hz - 110V/220V, Oil sensor type Includes items 1 thru 27,31 thru 36 and 40 thru 43	1	←	

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-5 CONTROL BOX(110V/220V, 120V/240V)
(UP TO OCT. '91)**

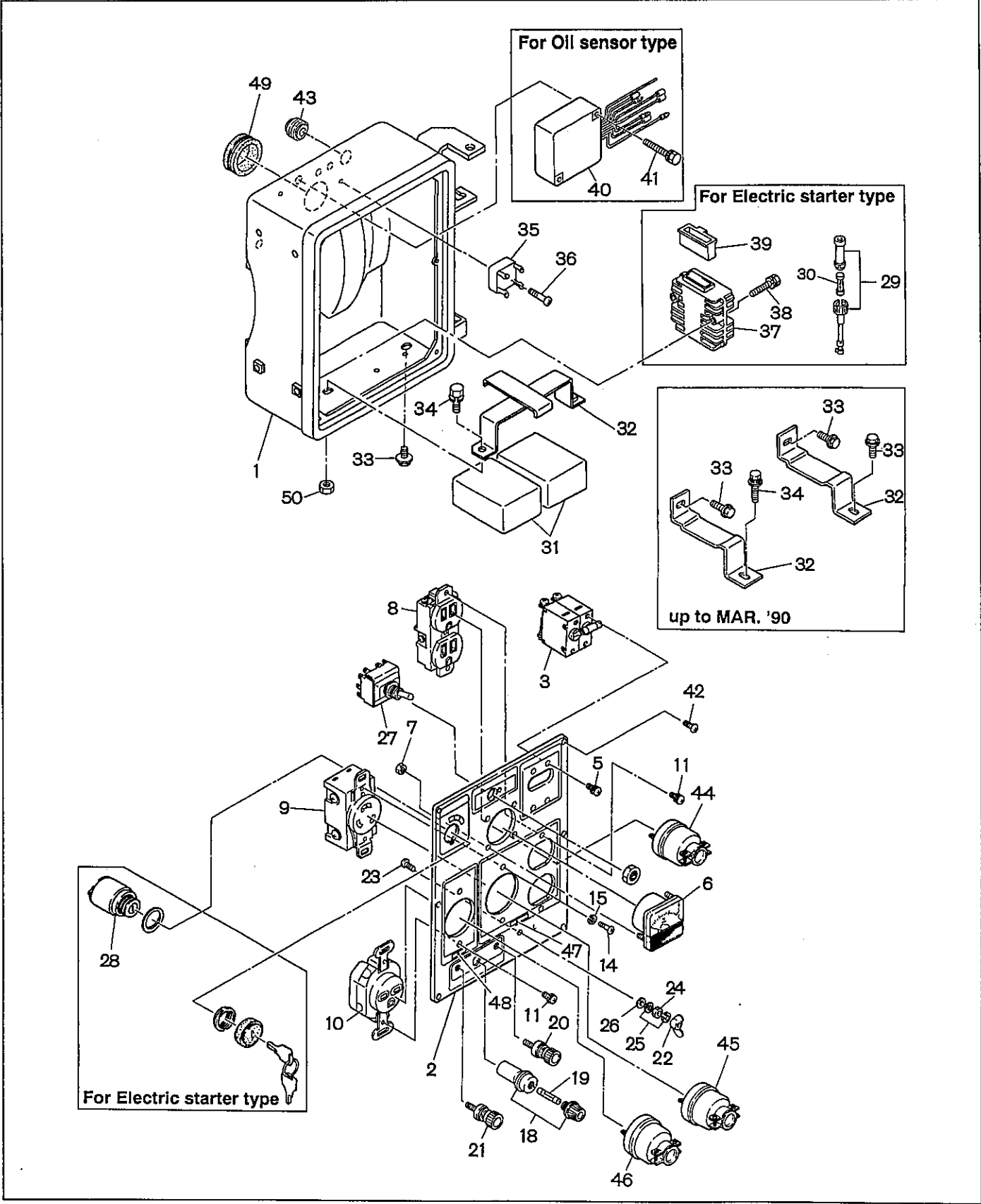


**FIG. 3-5 CONTROL BOX(110V/220V, 120V/240V)
(UP TO OCT. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
* 1	392 - 40048 - 20	CONTROL BOX ASS'Y For 60Hz-110V/220V, Electric starter type with Oil sensor Includes items 1 thru 43, 49 and 50	1	○	
* 1	392 - 40048 - 10	CONTROL BOX ASS'Y For 60Hz-110V/220V, Electric starter type with Oil sensor Includes items 1 thru 43	1	←	
* 1	392 - 40048 - 00	CONTROL BOX ASS'Y For 60Hz-110V/220V, Electric starter type with Oil sensor Includes items 1 thru 43	1	←	
* 1	392 - 40049 - 10	CONTROL BOX ASS'Y For 60Hz - 120V/240V, STD. Includes items 1 thru 27,31 thru 36,42,43,49 and 50	1	○	
* 1	392 - 40049 - 00	CONTROL BOX ASS'Y For 60Hz - 120V/240V,STD. Includes items 1 thru 27,31 thru 36,42,47 and 48	1	←	
* 1	392 - 40050 - 00	CONTROL BOX ASS'Y For 60Hz - 120V/240V, Electric starter type Includes items 1 thru 39, 42, 43, 47 and 48	1		
* 1	392 - 40051 - 00	CONTROL BOX ASS'Y For 60H - 120V/240V, Oil sensor type Includes items 1 thru 27,31 thru 36,40 thru 43,47 and 48	1		
* 1	392 - 40052 - 00	CONTROL BOX ASS'Y For 60Hz-120V/240V, Electric starter type with Oil sensor Includes items 1 thru 43, 47 and 48	1		
1	391 - 40001 - 21	CONTROL BOX, compl. For STD.	1	×	
1	391 - 40001 - 11	CONTROL BOX, compl. For STD.	1	×	
1	391 - 40001 - 01	CONTROL BOX, compl. For STD.	1	←	
1	391 - 40001 - 21	CONTROL BOX, compl. For Oil sensor type or Electric starter type For Electric starter type with Oil sensor	1	×	
1	391 - 40001 - 11	CONTROL BOX, compl. For Oil sensor type or Electric starter type For Electric starter type with Oil sensor	1	←	
1	391 - 40004 - 01	CONTROL BOX, compl. For Oil sensor type or Electric starter type For Electric starter type with Oil sensor	1	←	

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-5 CONTROL BOX(110V/220V, 120V/240V)
(UP TO OCT. '91)**

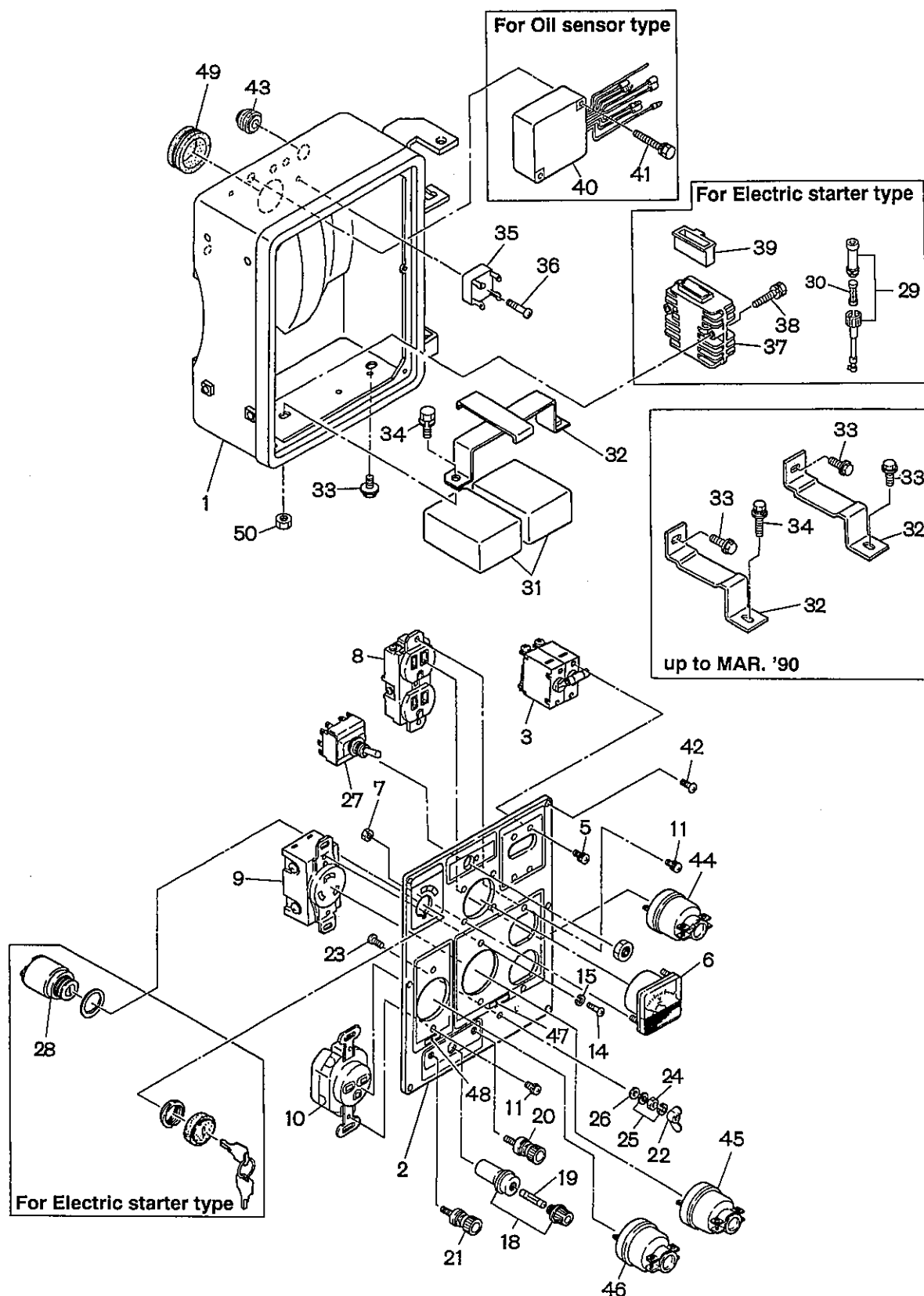


**FIG. 3-5 CONTROL BOX(110V/220V, 120V/240V)
(UP TO OCT. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability		Execution
* 2	392 - 41042 - 10	CONTROL PANEL ASS'Y For 50Hz - 110V/220V, STD. or Oil sensor type Includes items 2 thru 27	1		○	
* 2	392 - 41042 - 00	CONTROL PANEL ASS'Y For 50Hz - 110V/220V, STD. or Oil sensor type Includes items 2 thru 27	1	←		
* 2	392 - 41043 - 10	CONTROL PANEL ASS'Y For 50Hz - 110V/220V, Electric starter type For Electric starter type with Oil sensor Includes items 2 thru 30	1		○	
* 2	392 - 41043 - 00	CONTROL PANEL ASS'Y For 50Hz - 110V/220V, Electric starter type For Electric starter type with Oil sensor Includes items 2 thru 30	1	←		
* 2	392 - 41002 - 10	CONTROL PANEL ASS'Y For 60Hz - 110V/220V, STD. or Oil sensor type Includes items 2 thru 27	1		○	
* 2	392 - 41002 - 00	CONTROL PANEL ASS'Y For 60Hz - 110V/220V, STD. or Oil sensor type Includes items 2 thru 27	1	←		
* 2	392 - 41046 - 10	CONTROL PANEL ASS'Y For 60Hz - 110V/220V, Electric starter type For Electric starter type with Oil sensor Includes items 2 thru 30	1		○	
* 2	392 - 41046 - 00	CONTROL PANEL ASS'Y For 60Hz - 110V/220V, Electric starter type For Electric starter type with Oil sensor Includes items 2 thru 30	1	←		
* 2	392 - 41049 - 10	CONTROL PANEL ASS'Y For 60Hz - 120V/240V, STD. or Oil sensor type Includes items 2 thru 27	1		○	
* 2	392 - 41049 - 00	CONTROL PANEL ASS'Y For 60Hz - 120V/240V, STD. or Oil sensor type Includes items 2 thru 27	1	←		
* 2	392 - 41050 - 00	CONTROL PANEL ASS'Y For 60Hz - 120V/240V, Electric starter type For Electric starter type with Oil sensor Includes items 2 thru 30	1			
2	391 - 41002 - 01	CONTROL PANEL, compl. For 60Hz - 110V/220V, STD. or Oil sensor type	1			

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-5 CONTROL BOX(110V/220V, 120V/240V)
(UP TO OCT. '91)**

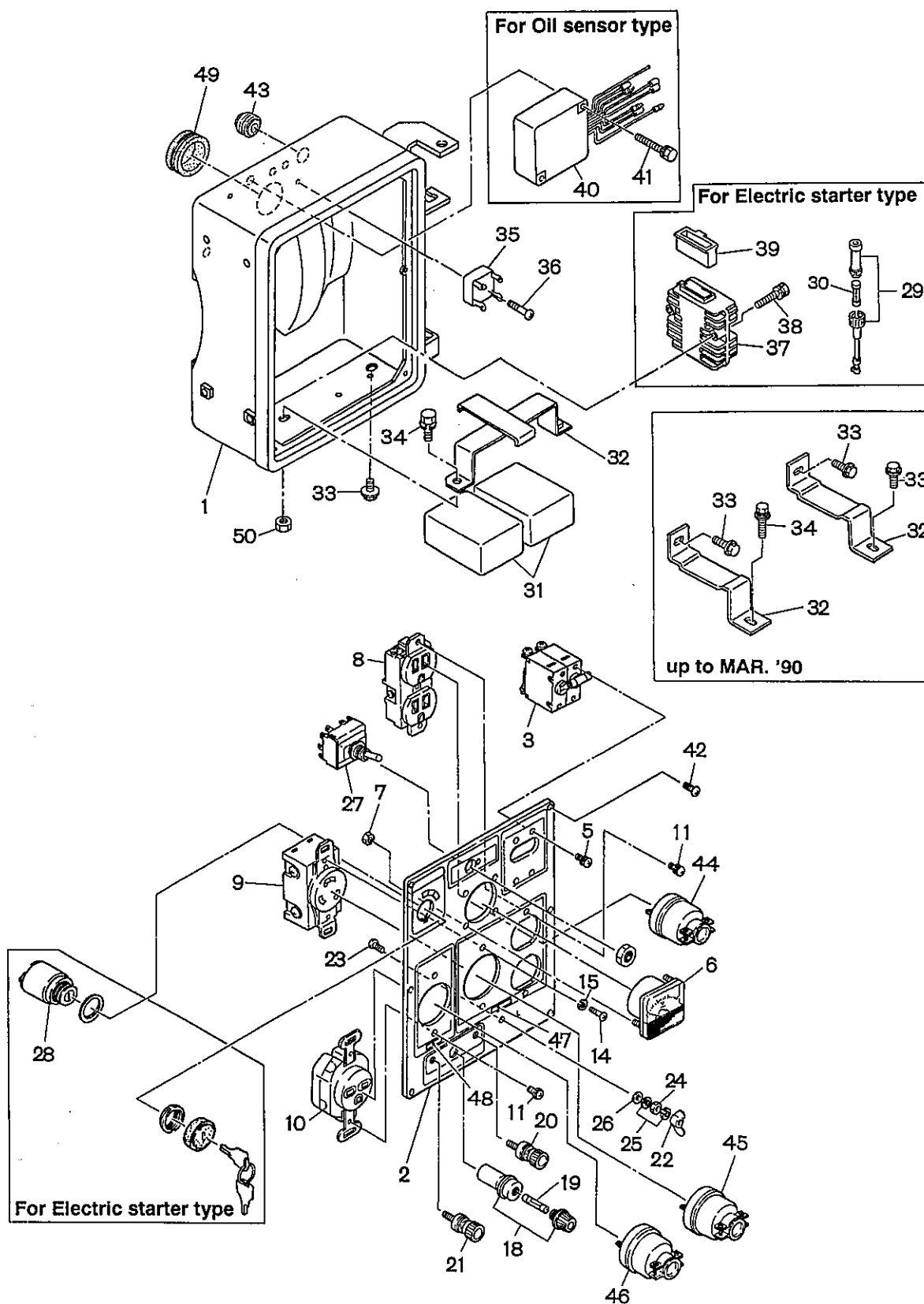


**FIG. 3-5 CONTROL BOX(110V/220V, 120V/240V)
(UP TO OCT. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
2	391 - 41003 - 01	CONTROL PANEL, compl. For 50Hz - 110V/220V, STD. or Oil sensor type	1	NO FX	
2	391 - 41034 - 01	CONTROL PANEL, compl. For Electric starter type For Electric starter type with Oil sensor	1		
2	391 - 41042 - 01	CONTROL PANEL, compl. For 60Hz - 120V/240V, STD. or Oil sensor type	1		
3	392 - 43005 - 03	NO - FUSE BREAKER (12A x 2) For 50Hz - 110V/220V	1		
3	392 - 43002 - 03	NO - FUSE BREAKER (14A x 2) For 60Hz - 110V/220V, 120V/240V	1		
5	004 - 35030 - 60	SCREW and WASHER ASS'Y	4		
6	391 - 47800 - 01	AC VOLTMETER (150V)	1		
6	350 - 40610 - 08	AC VOLTMETER (150V)	1		
7	002 - 17030 - 00	NUT	2		
7	341 - 00231 - 08	NUT	4		
8	378 - 45737 - 08	AC RECEPTACLE (125V - 15A)	1		
9	353 - 45703 - 08	AC RECEPTACLE (125V - 30A, TWIST LOCK)	1		
10	378 - 45738 - 08	AC RECEPTACLE (250V - 15A)	1		
11	004 - 35041 - 00	SCREW and WASHER ASS'Y	4		
14	353 - 49905 - 08	SCREW	2		
15	326 - 00335 - 08	SPRING WASHER	2		
18	320 - 59855 - 08	FUSE HOLDER (DC)	1		
19	008 - 02103 - 00	FUSE (10A)	1		
20	363 - 45701 - 08	TERMINAL BOLT (Color : RED)	1		
21	363 - 45700 - 08	TERMINAL BOLT (Color : BLACK)	1		
22	353 - 49901 - 08	WING NUT	1		
23	356 - 49907 - 08	SCREW	1		
24	353 - 49902 - 08	NUT	1		
25	332 - 00050 - 08	SPRING WASHER	2		
26	353 - 49903 - 08	WASHER	1		
27	353 - 45612 - 08	SWITCH, full power	1		
28	066 - 00001 - 11	SWITCH For Electric starter type	1		
29	385 - 45517 - 08	FUSE HOLDER For Electric starter type	1		
30	385 - 45518 - 08	FUSE (15A) For Electric starter type	1		
31	376 - 22000 - 03	CONDENSER (10 μ F)	2		
32	387 - 45002 - 01	CONDENSER BRACKET, compl.	1		
32	391 - 45000 - 01	CONDENSER BRACKET, compl.	2		after APR. '90
33	011 - 00600 - 10	FLANGE BOLT	1		
33	011 - 00600 - 10	FLANGE BOLT	3		
34	391 - 49001 - 03	BOLT and WASHER ASS'Y	1		
35	353 - 45804 - 08	DIODE STACK ASS'Y	1		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-5 CONTROL BOX(110V/220V, 120V/240V)
(UP TO OCT. '91)**

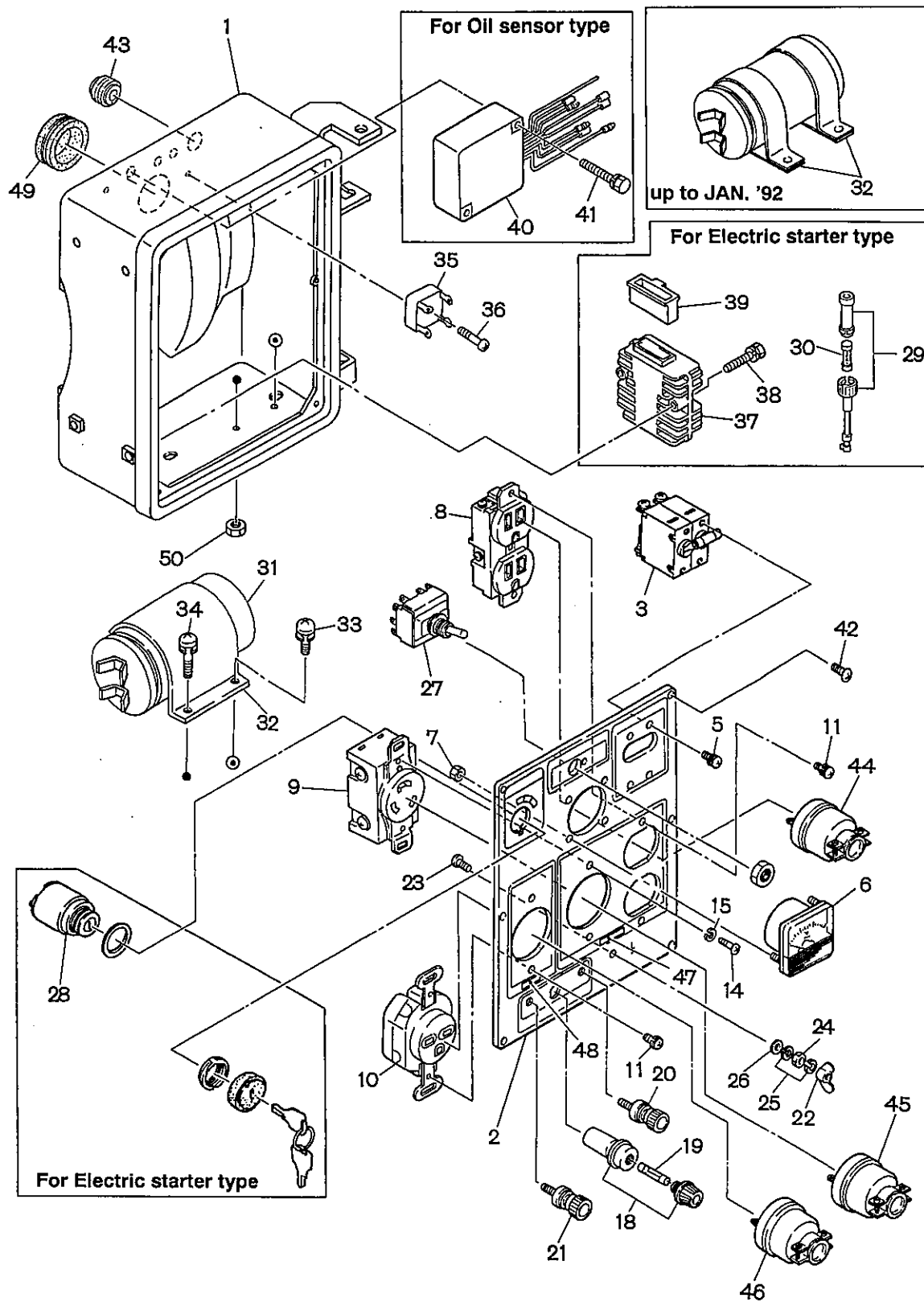


Interchangeability

Interchangeability

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-6 CONTROL BOX(110V/220V, 120V/240V)
(AFTER NOV. '91)**

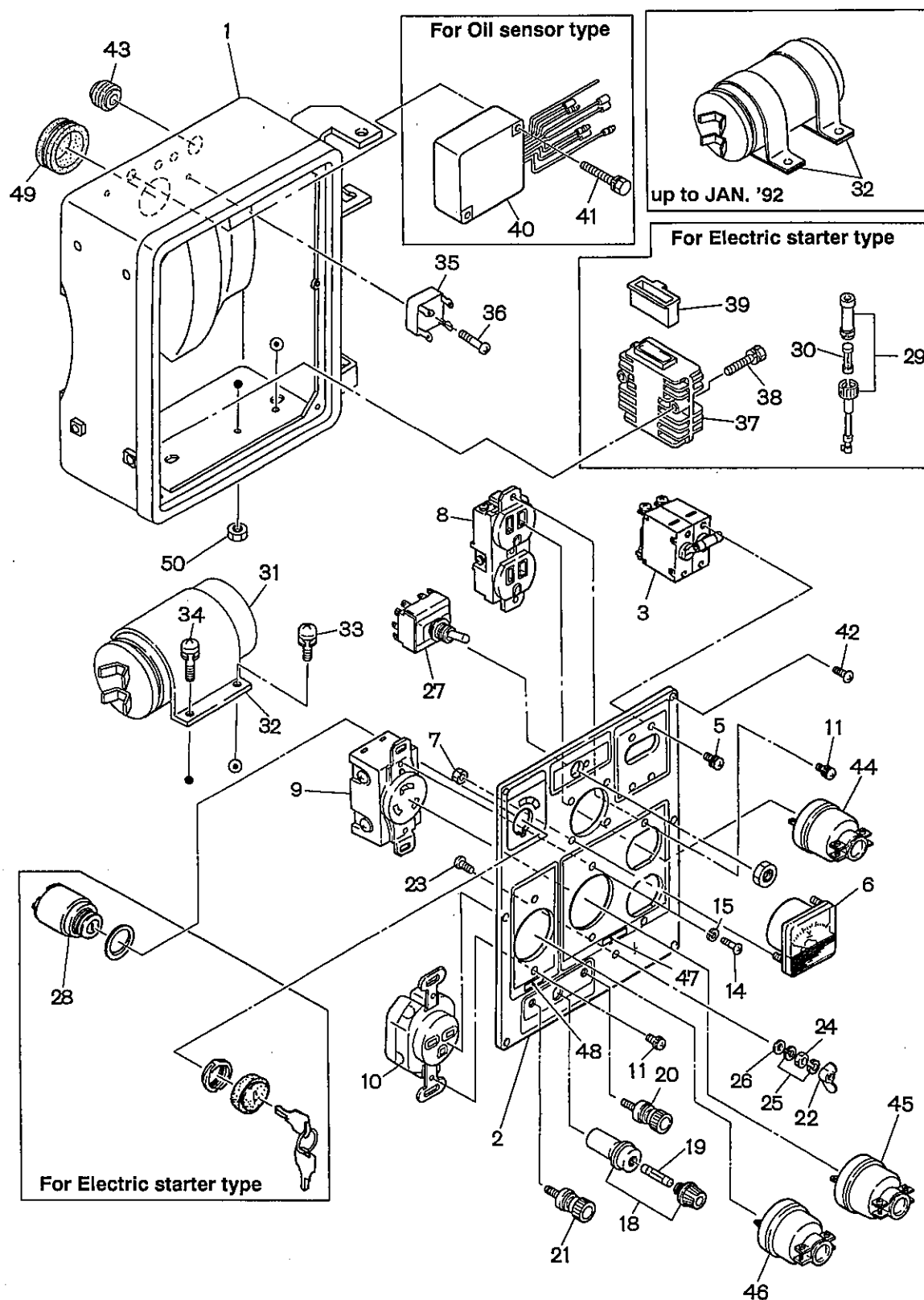


**FIG. 3-6 CONTROL BOX(110V/220V, 120V/240V)
(AFTER NOV. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
* 1	392 - 40042 - 20	CONTROL BOX ASS'Y For 50Hz - 110V/220V, STD. Includes items 1 thru 27,31 thru 36,42,43,49 and 50	1		
* 1	392 - 40043 - 20	CONTROL BOX ASS'Y For 50Hz - 110V/220V, Electric starter type Includes items 1 thru 39,42,43,49 and 50	1		
* 1	392 - 40044 - 00	CONTROL BOX ASS'Y For 50Hz - 110V/220V, Oil sensor type Includes items 1 thru 27,31 thru 36 and 40 thru 43	1		
* 1	392 - 40045 - 10	CONTROL BOX ASS'Y For 50Hz-110V/220V, Electric starter type with Oil sensor Includes items 1 thru 43,49 and 50	1		
* 1	392 - 40002 - 30	CONTROL BOX ASS'Y For 60Hz - 110V/220V, STD. Includes items 1 thru 27,31 thru 36,42,43,49 and 50	1		
* 1	392 - 40046 - 20	CONTROL BOX ASS'Y For 60Hz - 110V/220V, Electric starter type Includes items 1 thru 39,42,43,49 and 50	1		
* 1	392 - 40047 - 20	CONTROL BOX ASS'Y For 60Hz - 110V/220V, Oil sensor type Includes items 1 thru 27, 31 thru 36, 40 thru 43, 49 and 50	1		
* 1	392 - 40048 - 30	CONTROL BOX ASS'Y For 60Hz-110V/220V, Electric starter type with Oil sensor Includes items 1 thru 43,49 and 50	1		
* 1	392 - 40049 - 20	CONTROL BOX ASS'Y For 60Hz - 120V/240V, STD. Includes items 1 thru 27,31 thru 36,42,43,49 and 50	1		
* 1	392 - 40050 - 00	CONTROL BOX ASS'Y For 60Hz - 120V/240V, Electric starter type Includes items 1 thru 39, 42, 43, 47 and 48	1		
* 1	392 - 40051 - 00	CONTROL BOX ASS'Y For 60Hz - 120V/240V, Oil sensor type Includes items 1 thru 27, 31 thru 36, 40 thru 43, 47 and 48	1		
* 1	392 - 40052 - 00	CONTROL BOX ASS'Y For 60Hz-120V/240V, Electric starter type with Oil sensor Includes items 1 thru 43, 47 and 48	1		
1	391 - 40001 - 31	CONTROL BOX, compl.	1		
* 2	392 - 41042 - 10	CONTROL PANEL ASS'Y For 50Hz - 110V/220V, STD. or Oil sensor type Includes items 2 thru 27	1		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-6 CONTROL BOX(110V/220V, 120V/240V)
(AFTER NOV. '91)**

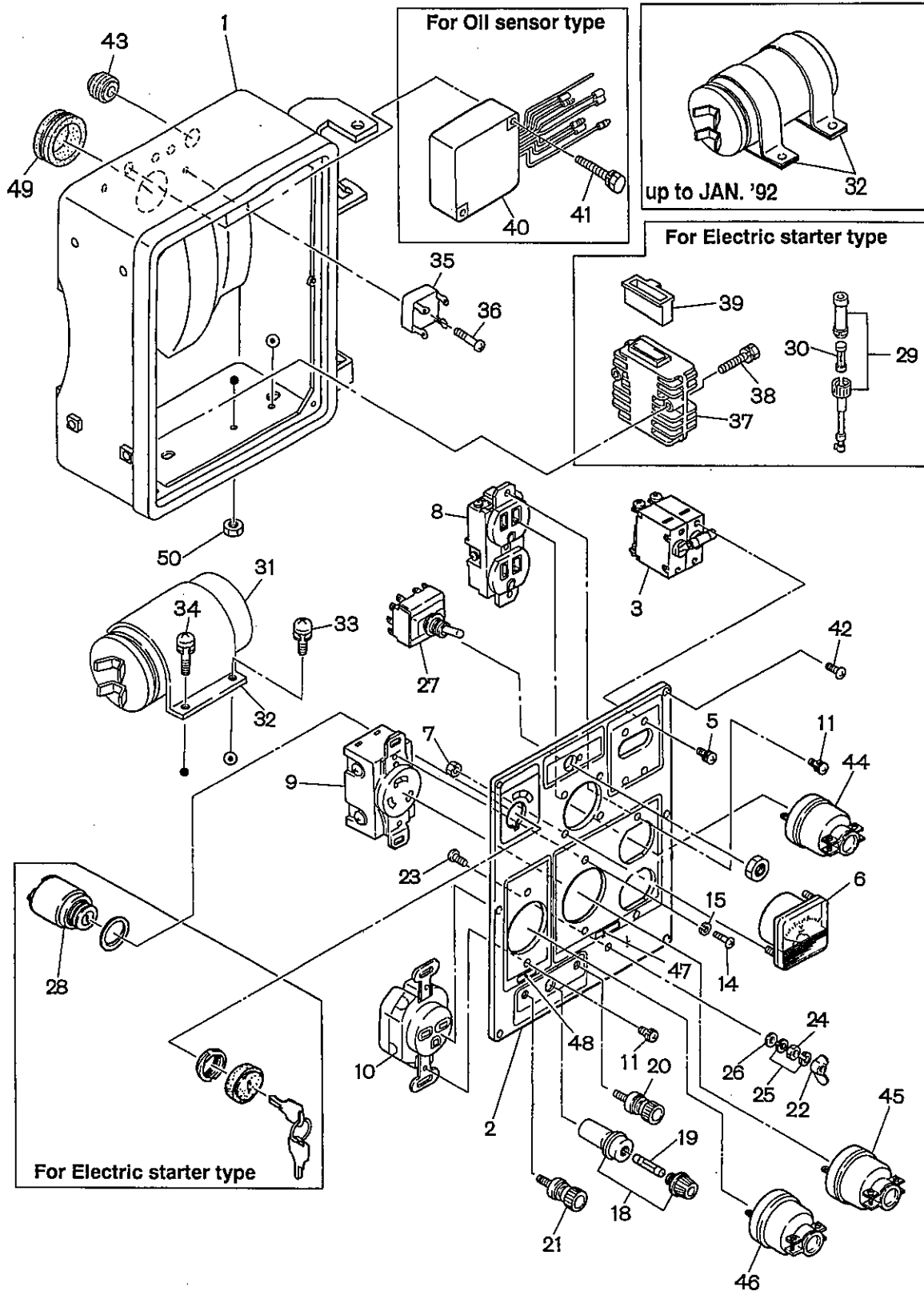


**FIG. 3-6 CONTROL BOX(110V/220V, 120V/240V)
(AFTER NOV. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
* 2	392 - 41043 - 10	CONTROL PANEL ASS'Y For 50Hz - 110V/220V, Electric starter type For Electric starter type with Oil sensor Includes items 2 thru 30	1		
* 2	392 - 41002 - 10	CONTROL PANEL ASS'Y For 60Hz - 110V/220V, STD. or Oil sensor type Includes items 2 thru 27	1		
* 2	392 - 41046 - 10	CONTROL PANEL ASS'Y For 60Hz - 110V/220V, Electric starter type For Electric starter type with Oil sensor Includes items 2 thru 30	1		
* 2	392 - 41049 - 10	CONTROL PANEL ASS'Y For 60Hz - 120V/240V, STD. or Oil sensor type Includes items 2 thru 27	1		
* 2	392 - 41050 - 00	CONTROL PANEL ASS'Y For 60Hz - 120V/240V, Electric starter type For Electric starter type with Oil sensor Includes items 2 thru 30	1		
2	391 - 41002 - 01	CONTROL PANEL, compl. For 60Hz - 110V/220V, STD. or Oil sensor type	1		
2	391 - 41003 - 01	CONTROL PANEL, compl. For 50Hz - 110V/220V, STD. or Oil sensor type	1		
2	391 - 41034 - 01	CONTROL PANEL, compl. For Electric starter type For Electric starter type with Oil sensor	1		
2	391 - 41042 - 01	CONTROL PANEL, compl. For 60Hz - 120V/240V, STD. or Oil sensor	1		
3	392 - 43005 - 03	NO - FUSE BREAKER (12A x 2) For 50Hz - 110V/220V	1		
3	392 - 43002 - 03	NO - FUSE BREAKER (14A x 2) For 60Hz - 110V/220V, 120V/240V	1		
5	004 - 35030 - 60	SCREW and WASHER ASS'Y	4		
6	391 - 47800 - 01	AC VOLTMETER (150V)	1		
7	002 - 17030 - 00	NUT	2		
8	378 - 45737 - 08	AC RECEPTACLE (125V - 15A)	1		
9	353 - 45703 - 08	AC RECEPTACLE (125V - 30A, TWIST LOCK)	1		
10	378 - 45738 - 08	AC RECEPTACLE (250V - 15A)	1		
11	004 - 35041 - 00	SCREW and WASHER ASS'Y	4		
14	353 - 49905 - 08	SCREW	2		
15	326 - 00335 - 08	SPRING WASHER	2		
18	320 - 59855 - 08	FUSE HOLDER (DC)	1		
19	008 - 02103 - 00	FUSE (10A)	1		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

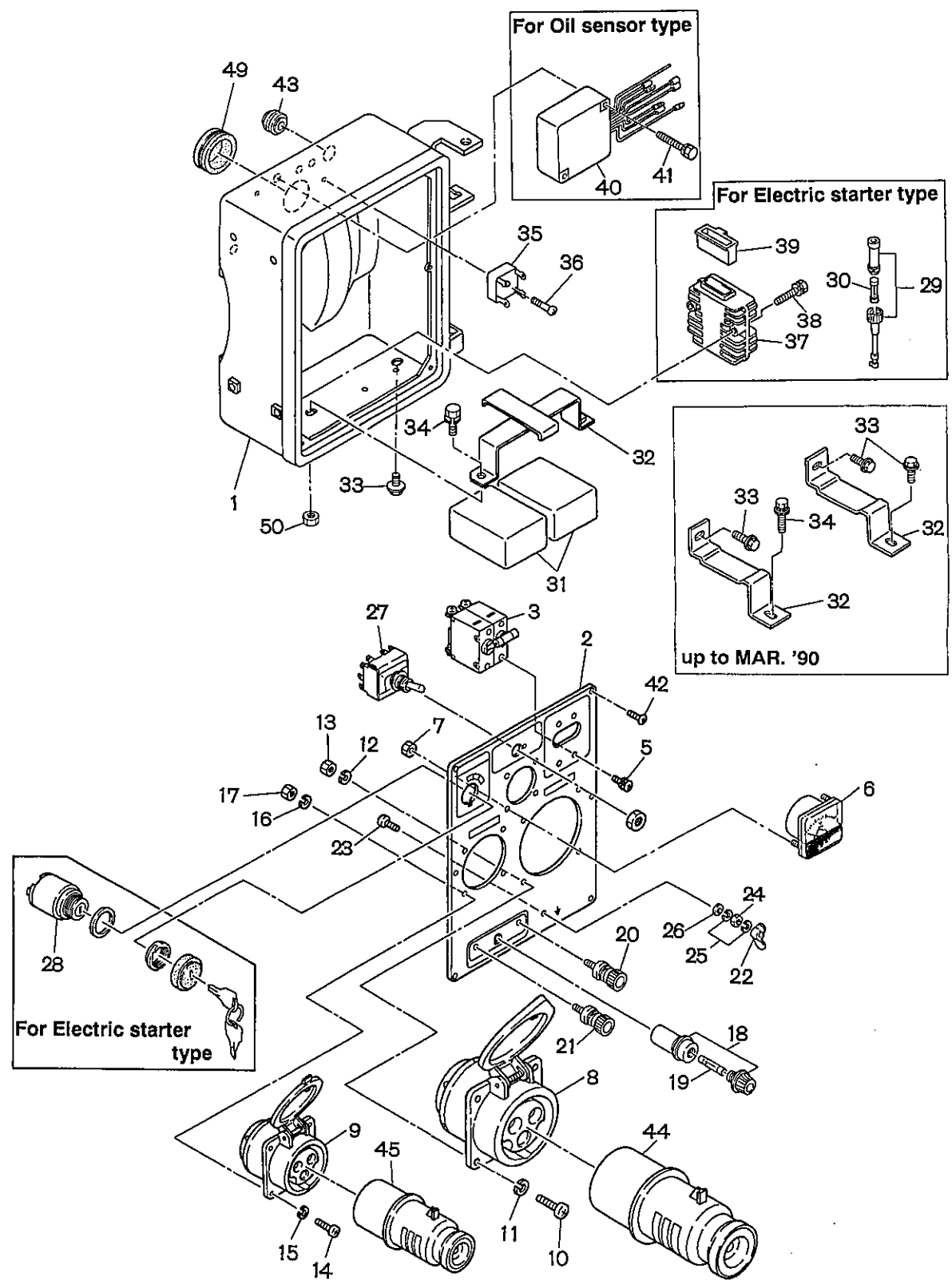
**FIG. 3-6 CONTROL BOX(110V/220V, 120V/240V)
(AFTER NOV. '91)**



Interchangeability

- 54 -

**FIG. 3-7 CONTROL BOX(U. K., 50Hz-110V/220V, BS)
(UP TO OCT. '91)**

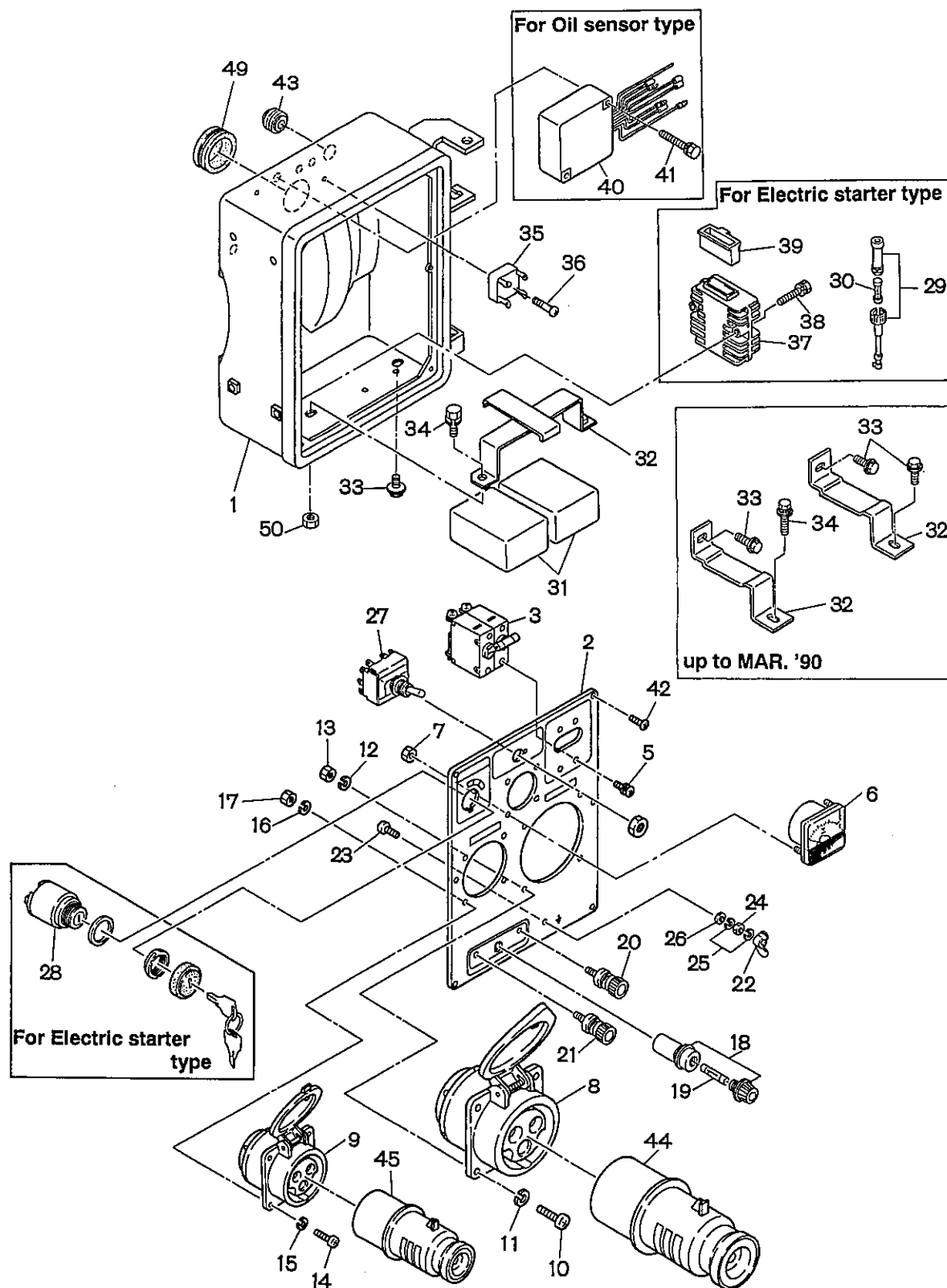


**FIG. 3-7 CONTROL BOX(U. K., 50Hz-110V/220V, BS)
(UP TO OCT. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
* 1	392 - 40017 - 30	CONTROL BOX ASS'Y For Oil sensor type Includes items 1 thru 27,31 thru 36,40 thru 43,49 and 50	1	↙	
* 1	392 - 40017 - 20	CONTROL BOX ASS'Y For Oil sensor type Includes items 1 thru 27,31 thru 36 and 40 thru 43	1	↙	
* 1	392 - 40017 - 10	CONTROL BOX ASS'Y For Oil sensor type Includes items 1 thru 27,31 thru 36 and 40 thru 43	1	↙	
* 1	392 - 40017 - 00	CONTROL BOX ASS'Y For Oil sensor type Includes items 1 thru 27,31 thru 36 and 40 thru 43	1	↙	
* 1	392 - 40055 - 30	CONTROL BOX ASS'Y For Electric starter type with Oil sensor Includes items 1 thru 43, 49 and 50	1	↙	
* 1	392 - 40055 - 20	CONTROL BOX ASS'Y For Electric starter type with Oil sensor Includes items 1 thru 43	1	↙	
* 1	392 - 40055 - 10	CONTROL BOX ASS'Y For Electric starter type with Oil sensor Includes items 1 thru 43	1	↙	
* 1	392 - 40055 - 00	CONTROL BOX ASS'Y For Electric starter type with Oil sensor Includes items 1 thru 43	1	↙	
1	391 - 40001 - 21	CONTROL BOX, compl.	1	↙	
1	391 - 40001 - 11	CONTROL BOX, compl.	1	↙	
1	391 - 40004 - 01	CONTROL BOX, compl.	1	↙	
* 2	392 - 41017 - 20	CONTROL PANEL ASS'Y For Oil sensor type Includes items 2 thru 27	1	↙	
* 2	392 - 41017 - 10	CONTROL PANEL ASS'Y For Oil sensor type Includes items 2 thru 27	1	↙	
* 2	392 - 41017 - 00	CONTROL PANEL ASS'Y For Oil sensor type Includes items 2 thru 27	1	↙	
* 2	392 - 41055 - 20	CONTROL PANEL ASS'Y For Electric starter type with Oil sensor Includes items 2 thru 30	1	↙	
* 2	392 - 41055 - 10	CONTROL PANEL ASS'Y For Electric starter type with Oil sensor Includes items 2 thru 30	1	↙	
* 2	392 - 41055 - 00	CONTROL PANEL ASS'Y For Electric starter type with Oil sensor Includes items 2 thru 30	1	↙	
2	391 - 41013 - 11	CONTROL PANEL, compl. For Oil sensor type	1	↙	
2	391 - 41013 - 01	CONTROL PANEL, compl. For Oil sensor type	1	↙	

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-7 CONTROL BOX(U. K., 50Hz-110V/220V, BS)
(UP TO OCT. '91)**

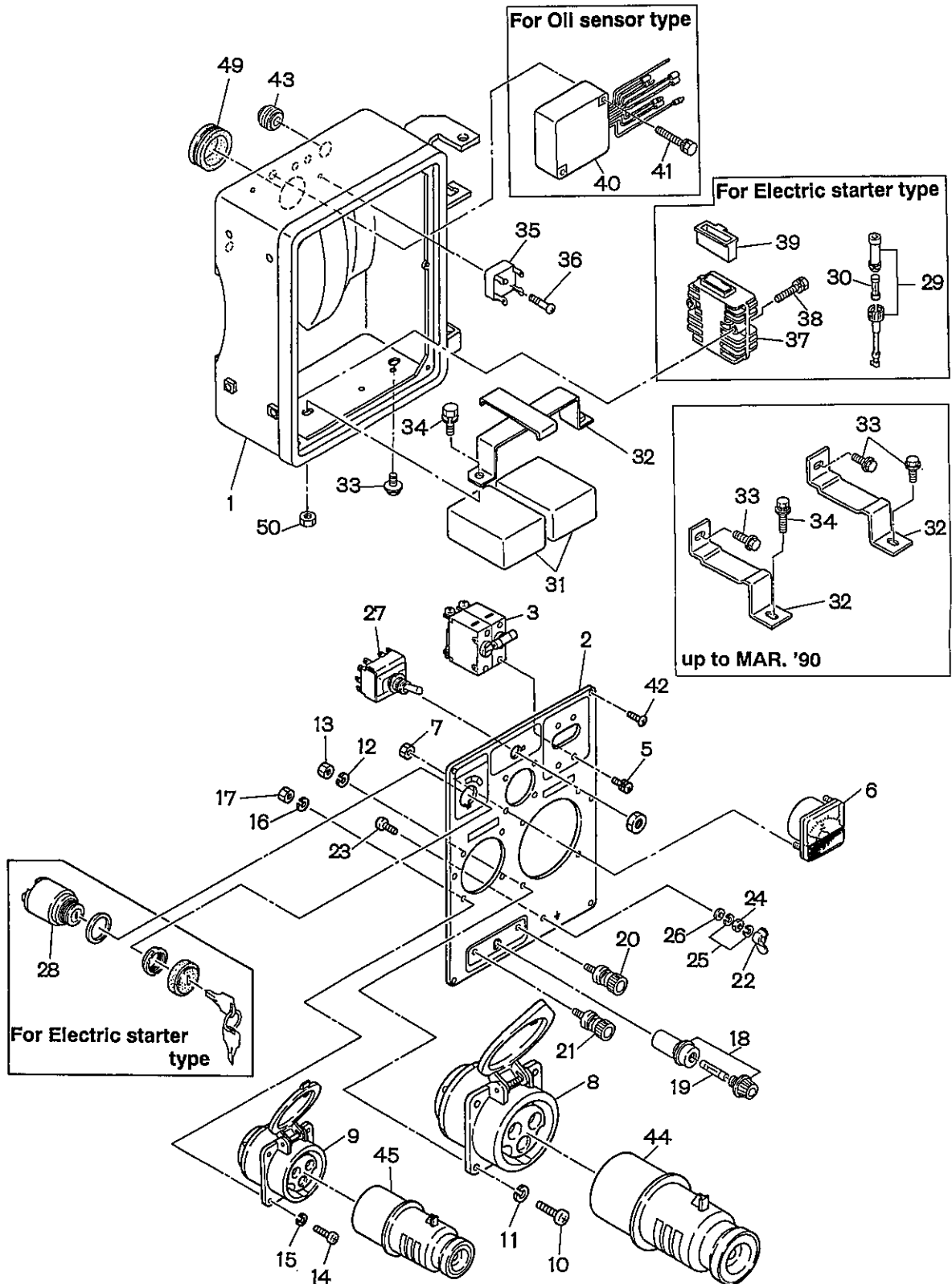


**FIG. 3-7 CONTROL BOX(U. K., 50Hz-110V/220V, BS)
(UP TO OCT. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
2	391 - 41019 - 11	CONTROL PANEL, compl. For Electric starter type with Oil sensor	1	X	
2	391 - 41019 - 01	CONTROL PANEL, compl. For Electric starter type with Oil sensor	1		
3	392 - 43005 - 03	NO - FUSE BREAKER (12A x 2)	1	X	
5	004 - 35030 - 60	SCREW and WASHER ASS'Y	4		
6	391 - 47800 - 01	AC VOLTMETER (150V)	1	X	
6	350 - 40610 - 08	AC VOLTMETER (150V)	1		
7	002 - 17030 - 00	NUT	2	X	
7	341 - 00231 - 08	NUT	4		
8	353 - 45731 - 08	AC RECEPTACLE (110V - 32A)	1	X	
9	353 - 45727 - 18	AC RECEPTACLE (240V - 16A)	1		
9	353 - 45727 - 08	AC RECEPTACLE (240V - 16A)	1	X	
10	004 - 11051 - 40	SCREW, counter head	4		
11	003 - 10050 - 00	WASHER	4	X	
12	003 - 20050 - 00	SPRING WASHER	4		
13	002 - 17050 - 00	NUT	4	X	
14	004 - 01041 - 20	SCREW	4		
15	003 - 10040 - 00	WASHER	4	X	
16	003 - 20040 - 00	SPRING WASHER	4		
17	002 - 17040 - 00	NUT	4	X	
18	320 - 59855 - 08	FUSE HOLDER (DC)	1		
19	008 - 02103 - 00	FUSE (10A)	1	X	
20	363 - 45701 - 08	TERMINAL BOLT (Color : RED)	1		
21	363 - 45700 - 08	TERMINAL BOLT (Color : BLACK)	1	X	
22	353 - 49901 - 08	WING NUT	1		
23	356 - 49907 - 08	SCREW	1	X	
24	353 - 49902 - 08	NUT	1		
25	332 - 00050 - 08	SPRING WASHER	2	X	
26	353 - 49903 - 08	WASHER	1		
27	353 - 45612 - 08	SWITCH	1	X	
28	066 - 00001 - 11	SWITCH For Electric starter type	1		
29	385 - 45517 - 08	FUSE HOLDER For Electric starter type	1	X	
30	385 - 45518 - 08	FUSE (15A) For Electric starter type	1		
31	376 - 22000 - 03	CONDENSER (10 μ F)	2	X	
32	387 - 45002 - 01	CONDENSER BRACKET, compl.	1		
32	391 - 45000 - 01	CONDENSER BRACKET, compl.	2	X	after APR. '90
33	011 - 00600 - 10	FLANGE BOLT	1		
33	011 - 00600 - 10	FLANGE BOLT	3	X	
34	391 - 49001 - 03	BOLT and WASHER ASS'Y	1		
35	353 - 45804 - 08	DIODE STACK ASS'Y	1	X	

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-7 CONTROL BOX(U. K., 50Hz-110V/220V, BS)
(UP TO OCT. '91)**

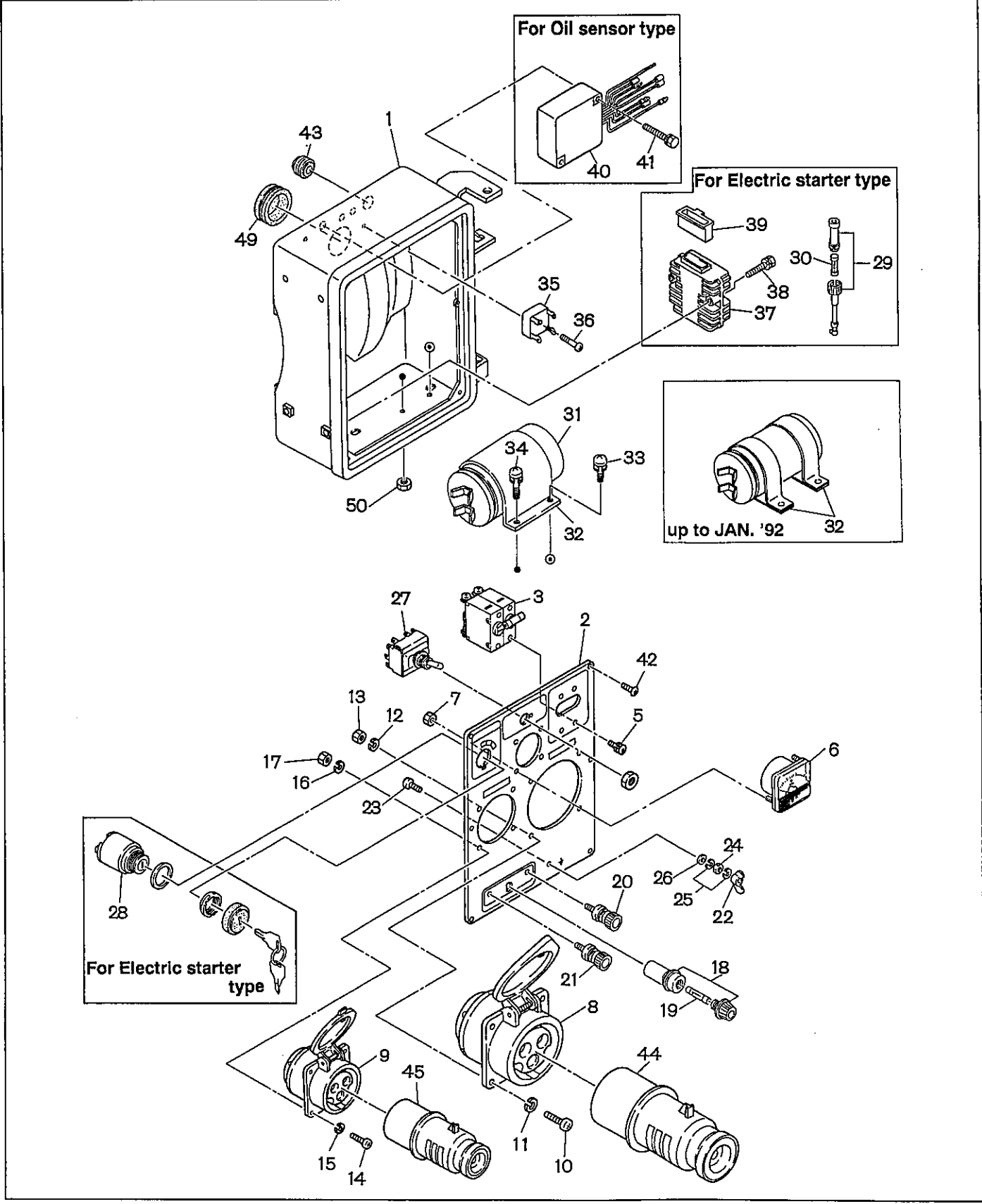


**FIG. 3-7 CONTROL BOX(U. K., 50Hz-110V/220V, BS)
(UP TO OCT. '91)**

[illegible]

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

FIG. 3-8 CONTROL BOX(U. K., 50Hz-110V/220V, BS)
(AFTER NOV. '91)

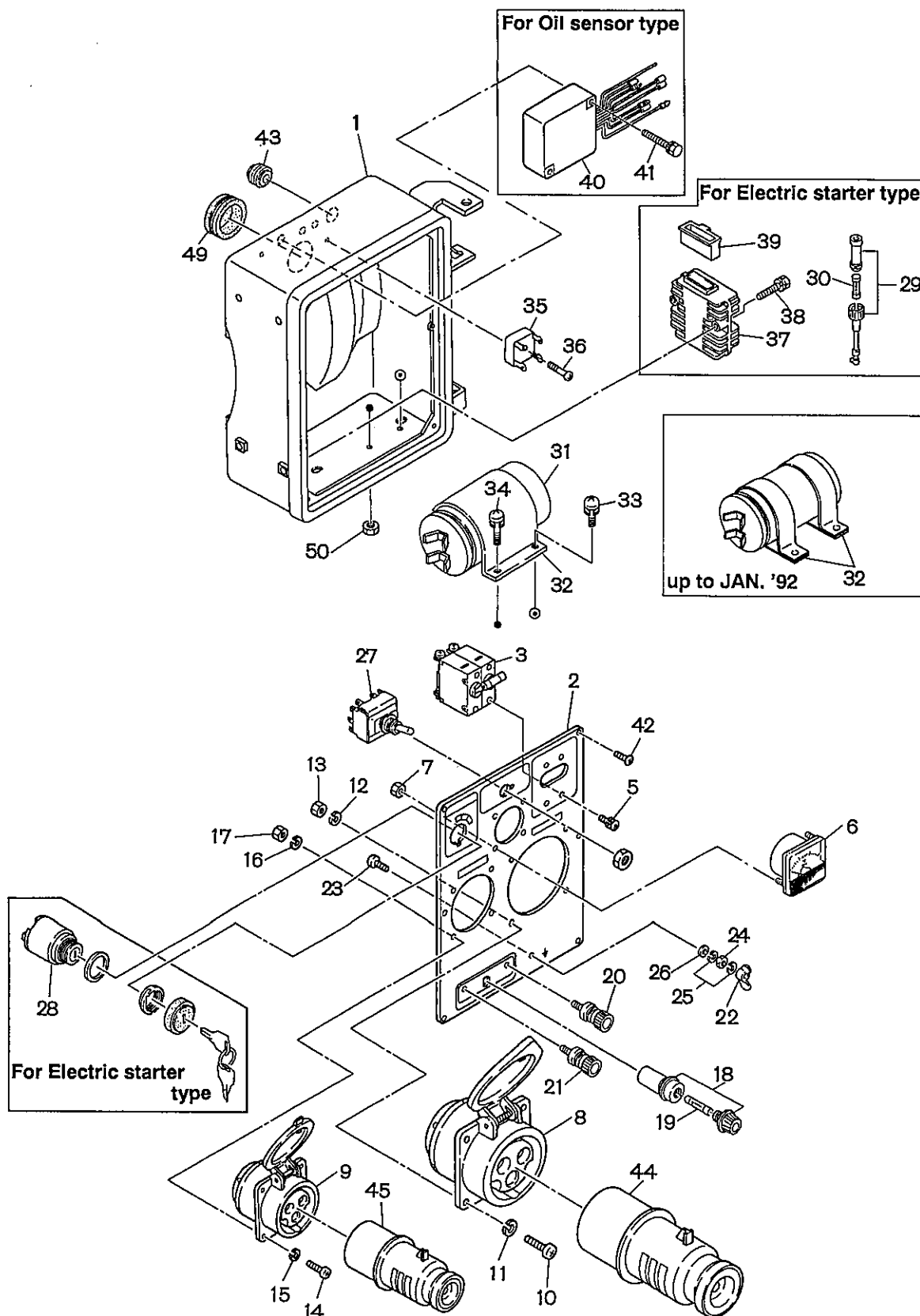


**FIG. 3-8 CONTROL BOX(U. K., 50Hz-110V/220V, BS)
(AFTER NOV. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
				↓	Execution
* 1	392 - 40017 - 40	CONTROL BOX ASS'Y For Oil sensor type Includes items 1 thru 27, 31 thru 36, 40 thru 43, 49 and 50	1		
* 1	392 - 40055 - 40	CONTROL BOX ASS'Y For Electric starter type with Oil sensor Includes items 1 thru 43, 49 and 50	1		
1	391 - 40001 - 31	CONTROL BOX, compl.	1		
* 2	392 - 41017 - 20	CONTROL PANEL ASS'Y For Oil sensor type Includes items 2 thru 27	1		
* 2	392 - 41055 - 20	CONTROL PANEL ASS'Y For Electric starter type with Oil sensor Includes items 2 thru 30	1		
2	391 - 41013 - 11	CONTROL PANEL, compl. For Oil sensor type	1		
2	391 - 41019 - 11	CONTROL PANEL, compl. For Electric starter type with Oil sensor	1		
3	392 - 43005 - 03	NO - FUSE BREAKER (12A x 2)	1		
5	004 - 35030 - 60	SCREW and WASHER ASS'Y	4		
6	391 - 47800 - 01	AC VOLTMETER (150V)	1		
7	002 - 17030 - 00	NUT	2		
8	353 - 45731 - 08	AC RECEPTACLE (110V - 32A)	1		
9	353 - 45727 - 18	AC RECEPTACLE (240V - 16A)	1		
10	004 - 11051 - 40	SCREW, counter head	4		
11	003 - 10050 - 00	WASHER	4		
12	003 - 20050 - 00	SPRING WASHER	4		
13	002 - 17050 - 00	NUT	4		
14	004 - 01041 - 20	SCREW	4		
15	003 - 10040 - 00	WASHER	4		
16	003 - 20040 - 00	SPRING WASHER	4		
17	002 - 17040 - 00	NUT	4		
18	320 - 59855 - 08	FUSE HOLDER (DC)	1		
19	008 - 02103 - 00	FUSE (10A)	1		
20	363 - 45701 - 08	TERMINAL BOLT (Color : RED)	1		
21	363 - 45700 - 08	TERMINAL BOLT (Color : BLACK)	1		
22	353 - 49901 - 08	WING NUT	1		
23	356 - 49907 - 08	SCREW	1		
24	353 - 49902 - 08	NUT	1		
25	332 - 00050 - 08	SPRING WASHER	2		
26	353 - 49903 - 08	WASHER	1		
27	391 - 45612 - 01	SWITCH	1		
28	066 - 00001 - 11	SWITCH For Electric starter type	1		
29	385 - 45517 - 08	FUSE HOLDER For Electric starter type	1		
30	385 - 45518 - 08	FUSE (15A) For Electric starter type	1		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-8 CONTROL BOX(U. K., 50Hz-110V/220V, BS)
(AFTER NOV. '91)**

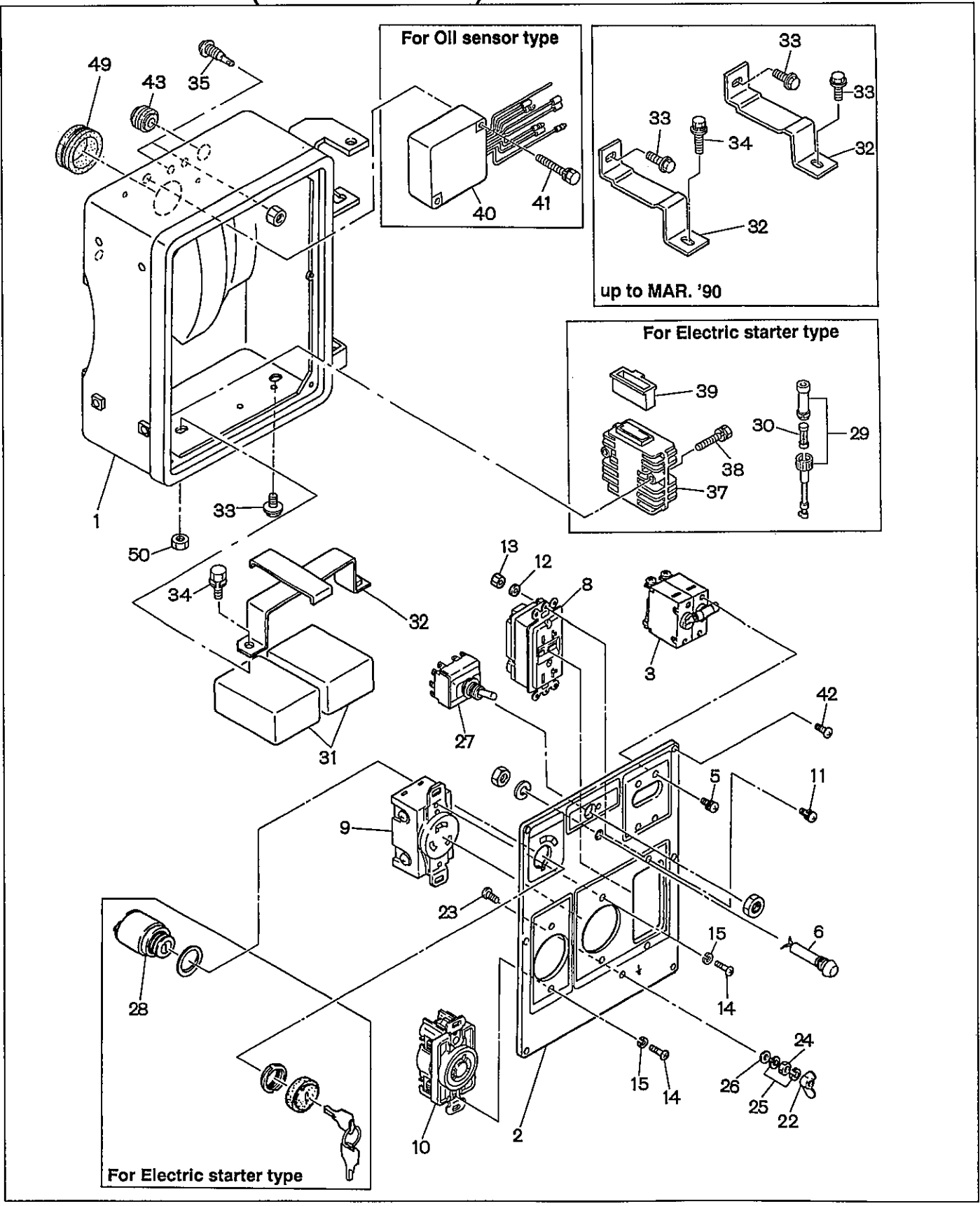


**FIG. 3-8 CONTROL BOX(U. K., 50Hz-110V/220V, BS)
(AFTER NOV. '91)**

[illegible]

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-9 CONTROL BOX(U. S. A., 60Hz-120V/240V, NEMA GFCI)
(UP TO OCT. '91)**

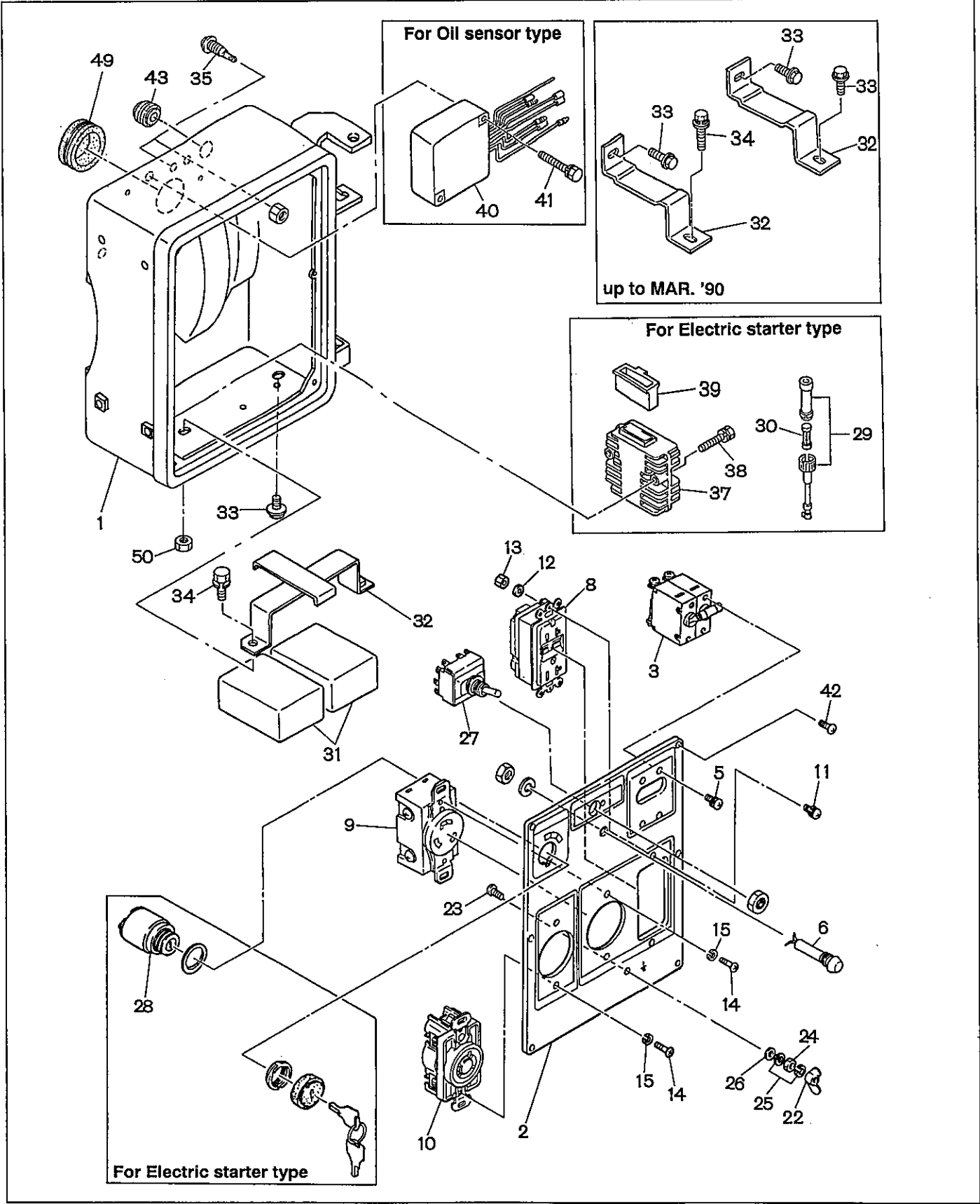


**FIG. 3-9 CONTROL BOX(U. S. A., 60Hz-120V/240V,NEMA GFCI)
(UP TO OCT. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
* 1	392 - 40008 - 30	CONTROL BOX ASS'Y For Electric starter type with Oil sensor Includes items 1 thru 43, 49 and 50	1	X	
* 1	392 - 40008 - 20	CONTROL BOX ASS'Y For Electric starter type with Oil sensor Includes items 1 thru 43	1	O	
* 1	392 - 40008 - 10	CONTROL BOX ASS'Y For Electric starter type with Oil sensor Includes items 1 thru 43	1	X	
* 1	392 - 40008 - 00	CONTROL BOX ASS'Y For Electric starter type with Oil sensor Includes items 1 thru 43	1		
1	391 - 40047 - 01	CONTROL BOX, compl.	1	X	
1	391 - 40001 - 21	CONTROL BOX, compl.	1	X	
1	391 - 40003 - 11	CONTROL BOX, compl.	1	X	
1	391 - 40003 - 01	CONTROL BOX, compl.	1	X	
* 2	392 - 41008 - 10	CONTROL PANEL ASS'Y For Electric starter type with Oil sensor Includes items 2 thru 30	1	O	
* 2	392 - 41008 - 00	CONTROL PANEL ASS'Y For Electric starter type with Oil sensor Includes items 2 thru 30	1		
2	392 - 41008 - 01	CONTROL PANEL, compl.	1		
3	392 - 43002 - 03	NO - FUSE BREAKER (14A)	1		
5	004 - 35030 - 60	SCREW and WASHER ASS'Y	4		
6	320 - 75173 - 08	PILOT LAMP	1		
8	388 - 85001 - 01	AC RECEPTACLE (120V - 20A, GFCI)	1		
8	390 - 45750 - 01	AC RECEPTACLE (125V - 20A, GFCI)	1		
8	391 - 47001 - 03	AC RECEPTACLE (125V - 20A, GFCI)	1		
9	356 - 45711 - 08	AC RECEPTACLE (125V - 30A, TWIST LOCK)	1		
10	353 - 45724 - 08	AC RECEPTACLE (125V/250V - 20A, TWIST LOCK)	1		
11	004 - 35041 - 00	SCREW and WASHER ASS'Y	2		
12	003 - 10040 - 00	WASHER	2		
13	002 - 27040 - 00	NUT	2		
14	356 - 59937 - 08	SCREW	4		
15	326 - 00335 - 08	SPRING WASHER	4		
22	353 - 49901 - 08	WING NUT	1		
23	356 - 49907 - 08	SCREW	1		
24	353 - 49902 - 08	NUT	1		
25	332 - 00050 - 08	SPRING WASHER	2		
26	353 - 49903 - 08	WASHER	1		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-9 CONTROL BOX(U. S. A., 60Hz-120V/240V, NEMA GFCI)
(UP TO OCT. '91)**

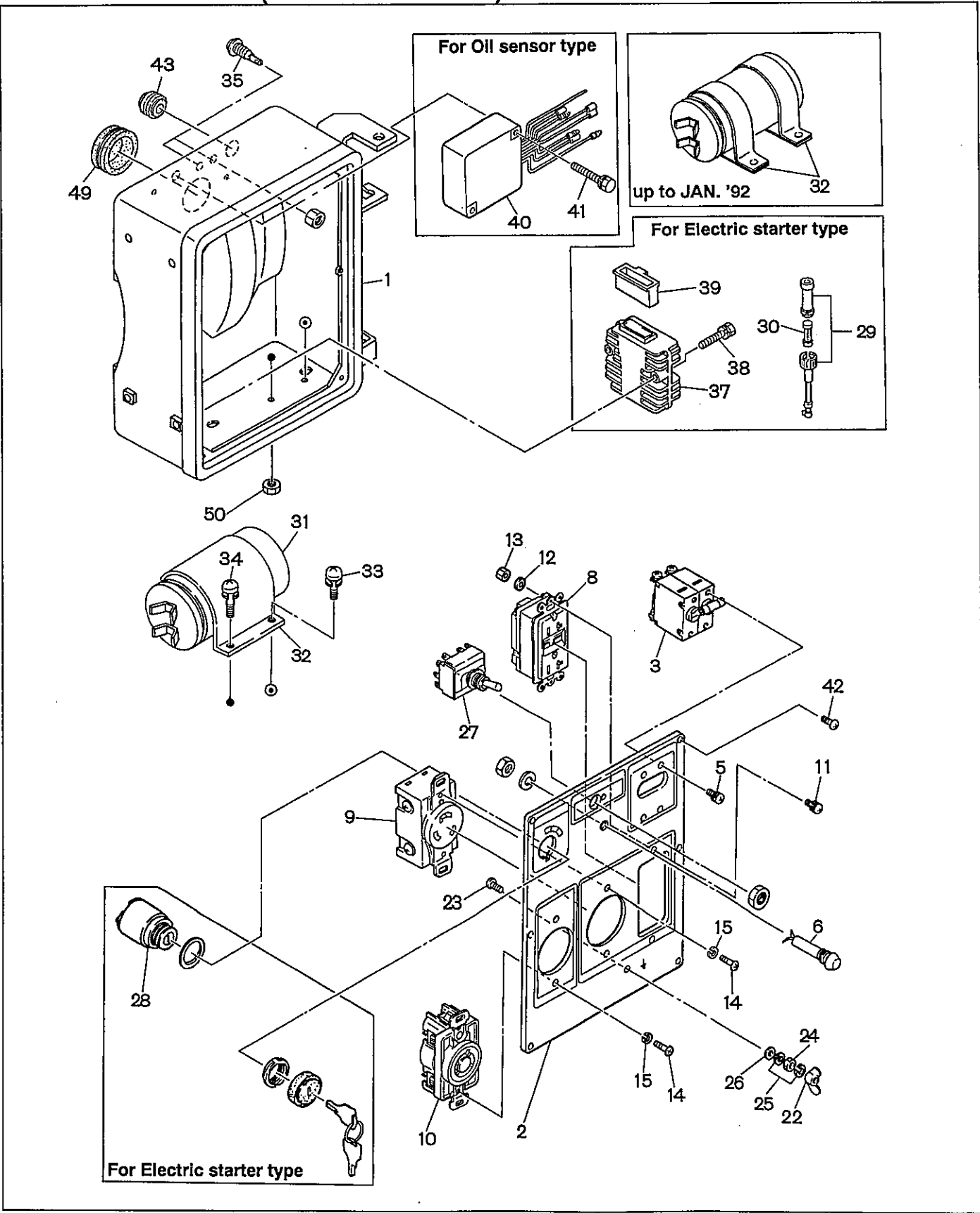


(UP TO OCT. '91)

Interchangeability

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-10 CONTROL BOX(U. S. A., 60Hz-120V/240V, NEMA GFCI)
(AFTER NOV. '91)**

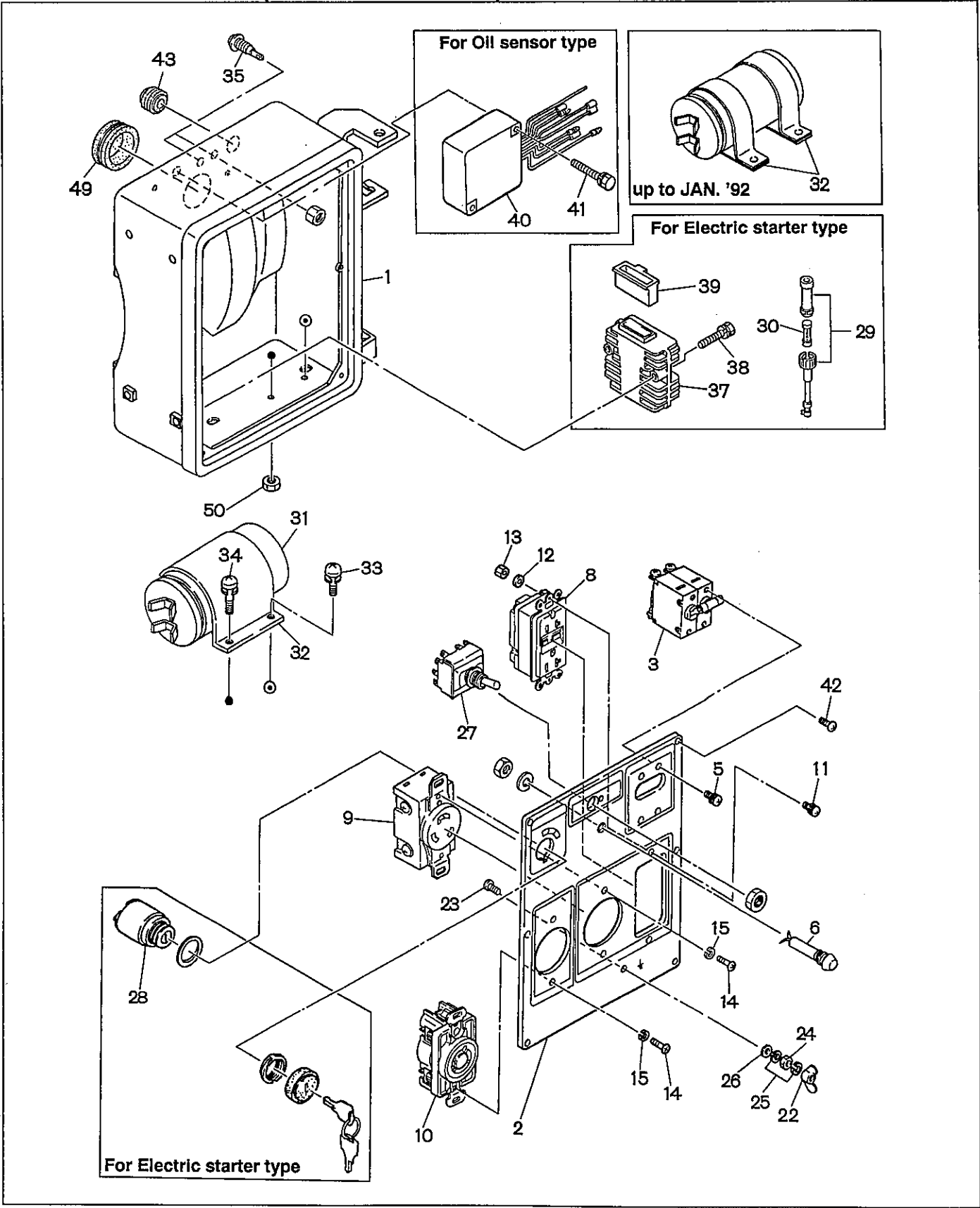


**FIG. 3-10 CONTROL BOX(U. S. A., 60Hz-120V/240V,NEMA GFCI)
(AFTER NOV. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
				↓	Execution
* 1	392 - 40008 - 40	CONTROL BOX ASS'Y For Electric starter type with Oil sensor Includes items 1 thru 43, 49 and 50	1	↙ after FEB. '92	
1	391 - 40047 - 11	CONTROL BOX, compl.	1		
* 2	392 - 41008 - 10	CONTROL PANEL ASS'Y For Electric starter type with Oil sensor Includes items 2 thru 30	1		
2	392 - 41008 - 01	CONTROL PANEL, compl.	1		
3	392 - 43002 - 03	NO - FUSE BREAKER (14A)	1		
5	004 - 35030 - 60	SCREW and WASHER ASS'Y	4		
6	320 - 75173 - 08	PILOT LAMP	1		
8	388 - 85001 - 01	AC RECEPTACLE (120V - 20A, GFCI)	1		
9	356 - 45711 - 08	AC RECEPTACLE (125V - 30A, TWIST LOCK)	1		
10	353 - 45724 - 08	AC RECEPTACLE (125V/250V - 20A, TWIST LOCK)	1		
11	004 - 35041 - 00	SCREW and WASHER ASS'Y	2		
12	003 - 10040 - 00	WASHER	2		
13	002 - 27040 - 00	NUT	2		
14	356 - 59937 - 08	SCREW	4		
15	326 - 00335 - 08	SPRING WASHER	4		
22	353 - 49901 - 08	WING NUT	1		
23	356 - 49907 - 08	SCREW	1		
24	353 - 49902 - 08	NUT	1		
25	332 - 00050 - 08	SPRING WASHER	2		
26	353 - 49903 - 08	WASHER	1		
27	355 - 45613 - 11	SWITCH, full power	1		
28	066 - 00001 - 11	SWITCH For Electric starter type	1		
29	385 - 45517 - 08	FUSE HOLDER For Electric starter type	1		
30	008 - 02103 - 00	FUSE (10A) For Electric starter type	1		
31	389 - 05000 - 01	CONDENSER (20 μ F)	1		
32	388 - 86001 - 01	CONDENSER BRACKET, compl.	1		
32	380 - 47531 - 08	CONDENSER BRACKET, compl.	2		
33	004 - 35041 - 00	SCREW and WASHER ASS'Y	1		
34	389 - 59989 - 08	SCREW and WASHER ASS'Y	1		
35	391 - 47500 - 03	TERMINAL, tester	2		
37	228 - 71920 - 01	REGULATOR, compl. For Electric starter type	1		
38	001 - 11062 - 50	BOLT and WASHER ASS'Y For Electric starter type	2		
39	391 - 47700 - 03	CONNECTOR For Electric starter type	1		
40	228 - 76001 - 11	OIL SENSOR, compl. For Oil sensor type	1		
41	001 - 11063 - 50	BOLT and WASHER ASS'Y For Oil sensor type	2		
42	353 - 49904 - 08	TAPPING SCREW	6		
43	391 - 49903 - 03	GROMMET	1		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-10 CONTROL BOX(U. S. A., 60Hz-120V/240V, NEMA GFCI)
(AFTER NOV. '91)**

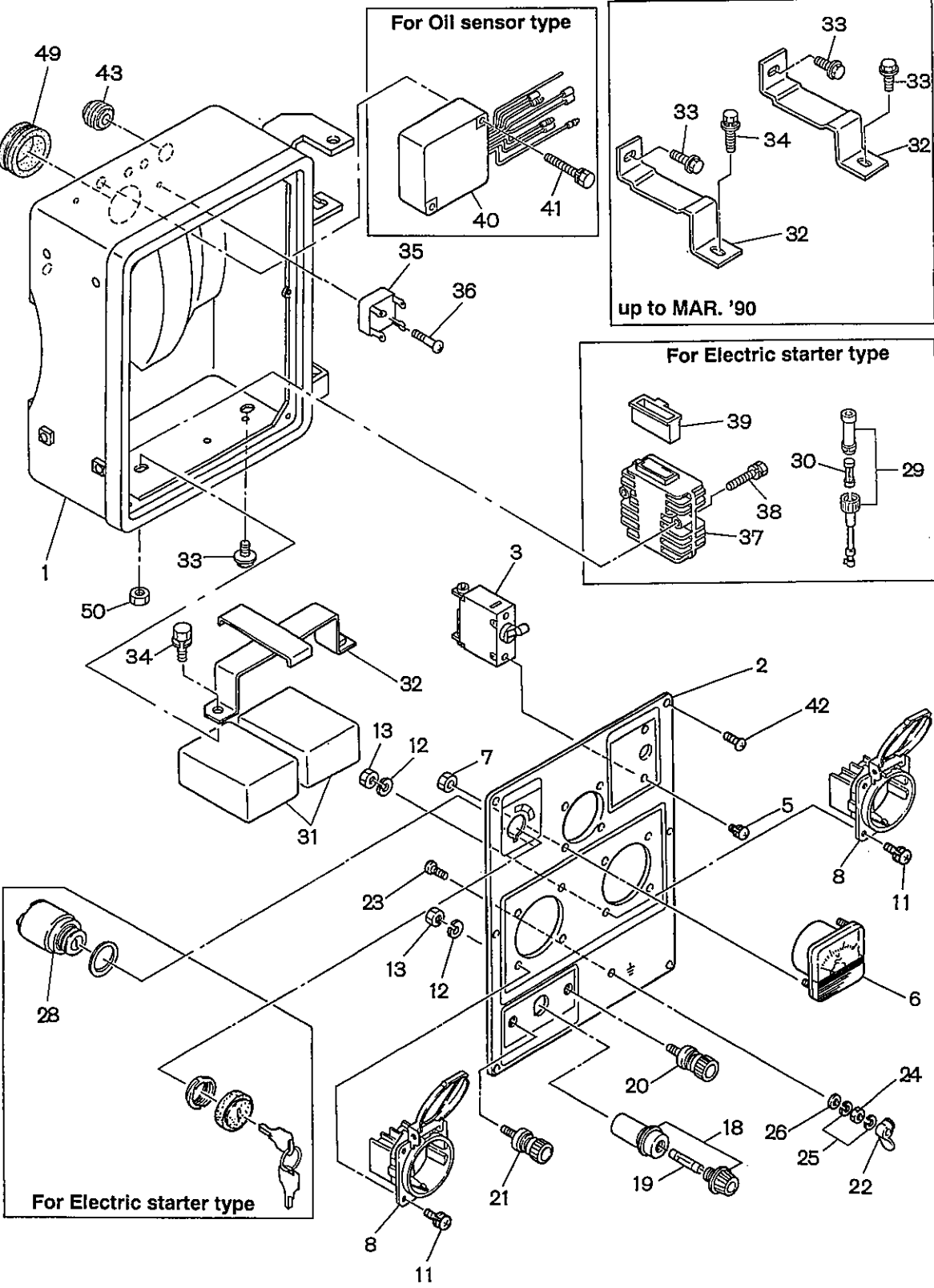


Interchangeability

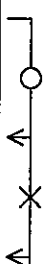
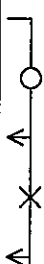
Interchangeability

Interchangeability

**FIG. 3-11 CONTROL BOX(GERMANY, 50Hz-220V)
(UP TO OCT. '91)**

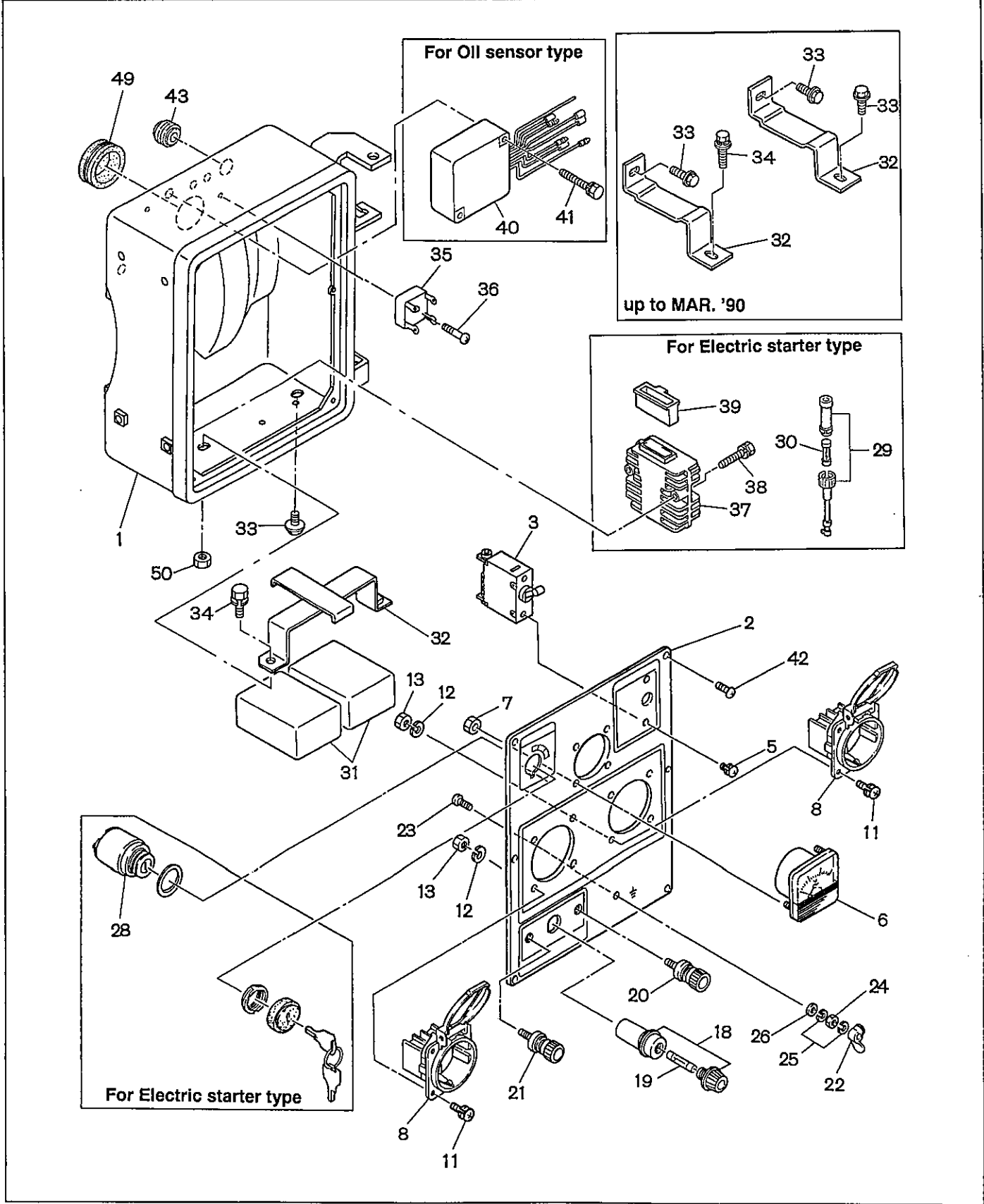


**FIG. 3-11 CONTROL BOX(GERMANY, 50Hz-220V)
(UP TO OCT. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability		Execution
* 1	392 - 40015 - 30	CONTROL BOX ASS'Y For Oil sensor type Includes items 1 thru 26,31 thru 36 and 40 thru 50	1			
* 1	392 - 40015 - 20	CONTROL BOX ASS'Y For Oil sensor type Includes items 1 thru 26,31 thru 36 and 40 thru 43	1			
* 1	392 - 40015 - 10	CONTROL BOX ASS'Y For Oil sensor type Includes items 1 thru 26,31 thru 36 and 40 thru 43	1			
* 1	392 - 40015 - 00	CONTROL BOX ASS'Y For Oil sensor type Includes items 1 thru 26,31 thru 36 and 40 thru 43	1			
* 1	392 - 40014 - 30	CONTROL BOX ASS'Y For Electric starter type with Oil sensor Includes items 1 thru 50	1			
* 1	392 - 40014 - 20	CONTROL BOX ASS'Y For Electric starter type with Oil sensor Includes items 1 thru 43	1			
* 1	392 - 40014 - 10	CONTROL BOX ASS'Y For Electric starter type with Oil sensor Includes items 1 thru 43	1			
* 1	392 - 40014 - 00	CONTROL BOX ASS'Y For Electric starter type with Oil sensor Includes items 1 thru 43	1			
1	391 - 40001 - 21	CONTROL BOX, compl.	1			
1	391 - 40001 - 11	CONTROL BOX, compl	1			
1	391 - 40004 - 01	CONTROL BOX, compl.	1			
* 2	392 - 41015 - 20	CONTROL PANEL ASS'Y For Oil sensor type Includes items 2 thru 26	1			
* 2	392 - 41015 - 10	CONTROL PANEL ASS'Y For Oil sensor type Includes items 2 thru 26	1			
* 2	392 - 41015 - 00	CONTROL PANEL ASS'Y For Oil sensor type Includes items 2 thru 26	1			
* 2	392 - 41014 - 20	CONTROL PANEL ASS'Y For Electric starter type with Oil sensor Includes items 2 thru 30	1			
* 2	392 - 41014 - 10	CONTROL PANEL ASS'Y For Electric starter type with Oil sensor Includes items 2 thru 30	1			
* 2	392 - 41014 - 00	CONTROL PANEL ASS'Y For Electric starter type with Oil sensor Includes items 2 thru 30	1			
2	391 - 41009 - 01	CONTROL PANEL, compl. For Oil sensor type	1			
2	391 - 41016 - 01	CONTROL PANEL, compl. For Electric starter type with Oil sensor	1			

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

FIG. 3-11 CONTROL BOX(GERMANY, 50Hz-220V)
(UP TO OCT. '91)



**FIG. 3-11 CONTROL BOX(GERMANY, 50Hz-220V)
(UP TO OCT. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
3	392 - 43001 - 03	NO - FUSE BREAKER (12A)	1		
5	004 - 35030 - 60	SCREW and WASHER ASS'Y	2		
6	391 - 47900 - 01	AC VOLTMETER (240V)	1		
6	350 - 40611 - 08	AC VOLTMETER (300V)	1		
7	002 - 17030 - 00	NUT	2		
7	341 - 00231 - 08	NUT	4		
8	358 - 40621 - 08	AC RECEPTACLE (250V - 16A)	2		
8	358 - 40614 - 08	AC RECEPTACLE (250V - 16A)	2		
11	004 - 36031 - 20	SCREW and WASHER ASS'Y	8		
11	004 - 11031 - 20	SCREW	8		
12	003 - 20030 - 00	SPRING WASHER	8		up to SEP. '88
13	002 - 17030 - 00	NUT	8		
18	320 - 59855 - 08	FUSE HOLDER (DC)	1		
19	008 - 02103 - 00	FUSE (10A)	1		
20	363 - 45701 - 08	TERMINAL BOLT (Color : RED)	1		
21	363 - 45700 - 08	TERMINAL BOLT (Color : BLACK)	1		
22	353 - 49901 - 08	WING NUT	1		
23	356 - 49907 - 08	SCREW	1		
24	353 - 49902 - 08	NUT	1		
25	332 - 00050 - 08	SPRING WASHER	2		
26	353 - 49903 - 08	WASHER	1		
28	066 - 00001 - 11	SWITCH	1		
29	385 - 45517 - 08	FUSE HOLDER	1		
30	385 - 45518 - 08	FUSE (15A)	1		
31	376 - 22000 - 03	CONDENSER (10 μ F)	2		
32	387 - 45002 - 01	CONDENSER BRACKET, compl.	1		after APR. '90
32	391 - 45000 - 01	CONDENSER BRACKET, compl.	2		
33	011 - 00600 - 10	FLANGE BOLT	1		
33	011 - 00600 - 10	FLANGE BOLT	3		
34	391 - 49001 - 03	BOLT and WASHER ASS'Y	1		
35	353 - 45804 - 08	DIODE STACK ASS'Y	1		
36	015 - 00400 - 70	TAPPING SCREW	1		
36	004 - 36042 - 00	SCREW and WASHER ASS'Y	1		
37	228 - 71920 - 01	REGULATOR, compl.	1		
38	001 - 11062 - 50	BOLT and WASHER ASS'Y	2		
39	391 - 47700 - 03	CONNECTOR	1		
40	228 - 76001 - 11	OIL SENSOR, compl.	1		
41	001 - 11063 - 50	BOLT and WASHER ASS'Y	2		
42	353 - 49904 - 08	TAPPING SCREW	6		
43	391 - 49003 - 03	GROMMET	1		
43	024 - 10600 - 90	GROMMET For Oil sensor type or Electric starter type	1		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

This exploded view diagram illustrates the assembly of a generator. The main components are shown in their relative positions, with dashed lines indicating the assembly path. The parts are numbered as follows:

- 1**: Generator housing
- 2**: Mounting bracket
- 3**: Voltage regulator
- 4**: Pulley
- 5**: Drive shaft
- 6**: Ammeter
- 7**: Fan
- 8**: Fan housing
- 9**: Fan blades
- 10**: Fan nut
- 11**: Fan washer
- 12**: Fan bolt
- 13**: Fan nut
- 14**: Fan washer
- 15**: Fan bolt
- 16**: Fan nut
- 17**: Fan washer
- 18**: Fan bolt
- 19**: Fan nut
- 20**: Fan washer
- 21**: Fan bolt
- 22**: Fan nut
- 23**: Fan washer
- 24**: Fan bolt
- 25**: Fan nut
- 26**: Fan washer
- 27**: Fan bolt
- 28**: Fan nut
- 29**: Fan washer
- 30**: Fan bolt
- 31**: Fan nut
- 32**: Fan washer
- 33**: Fan bolt
- 34**: Fan nut
- 35**: Fan washer
- 36**: Fan bolt
- 37**: Fan nut
- 38**: Fan washer
- 39**: Fan bolt
- 40**: Fan nut
- 41**: Fan washer
- 42**: Fan bolt
- 43**: Fan nut
- 44**: Fan washer
- 45**: Fan bolt
- 46**: Fan nut
- 47**: Fan washer
- 48**: Fan bolt
- 49**: Fan nut
- 50**: Fan washer

Callouts for different starter types:

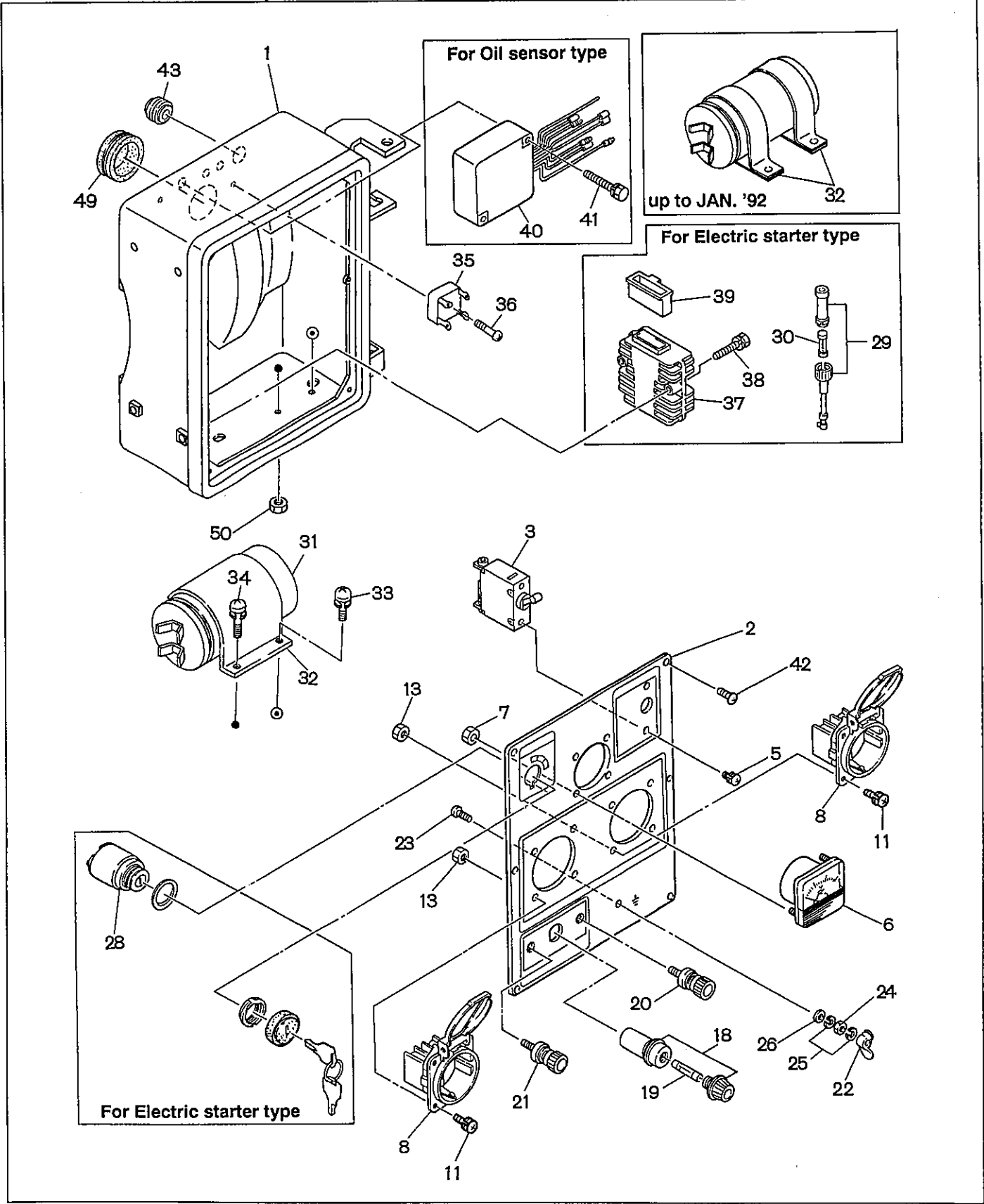
- For Oil sensor type**: Shows the installation of the oil sensor (40) and its connection to the voltage regulator (3).
- For Electric starter type**: Shows the installation of the electric starter (39) and its connection to the voltage regulator (3).
- up to MAR. '90**: Indicates that the assembly shown in this callout is applicable for models up to March 1990.

**FIG. 3-11 CONTROL BOX(GERMANY, 50Hz-220V)
(UP TO OCT. '91)**

[illegible]

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

FIG. 3-12 CONTROL BOX(GERMANY, 50Hz-220V)
(AFTER NOV. '91)



**FIG. 3-12 CONTROL BOX(GERMANY, 50Hz-220V)
(AFTER NOV. '91)**

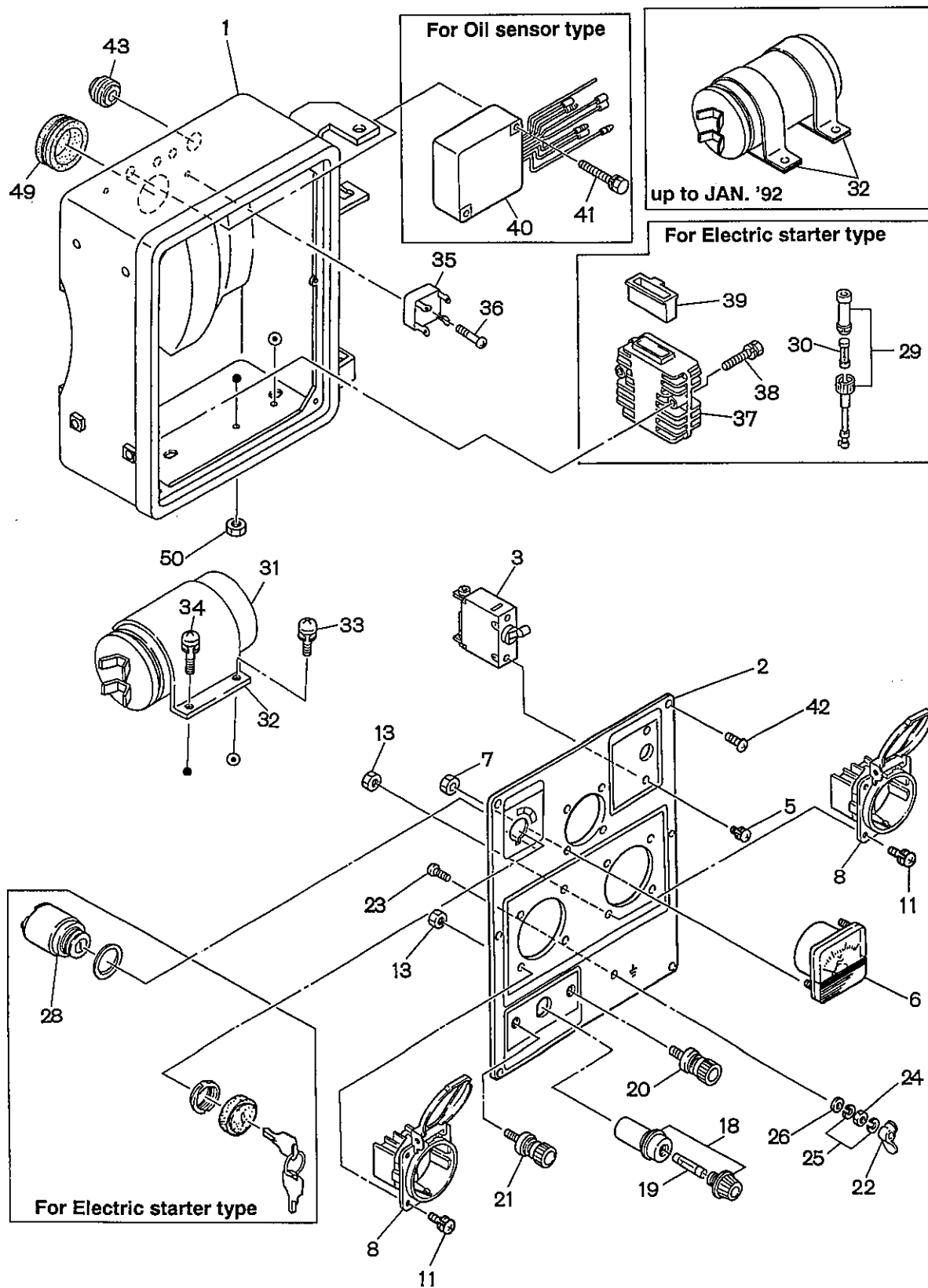
Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
* 1	392 - 40015 - 40	CONTROL BOX ASS'Y For Oil sensor type Includes items 1 thru 26, 31 thru 36 and 40 thru 50	1		
* 1	392 - 40014 - 40	CONTROL BOX ASS'Y For Electric starter type with Oil sensor Includes items 1 thru 50	1		
1	391 - 40001 - 31	CONTROL BOX, compl.	1		
* 2	392 - 41015 - 20	CONTROL PANEL ASS'Y For Oil sensor type Includes items 2 thru 26	1		
* 2	392 - 41014 - 20	CONTROL PANEL ASS'Y For Electric starter type with Oil sensor Includes items 2 thru 30	1		
2	391 - 41009 - 01	CONTROL PANEL, compl. For Oil sensor type	1		
2	391 - 41016 - 01	CONTROL PANEL, compl. For Electric starter type with Oil sensor	1		
3	392 - 43001 - 03	NO - FUSE BREAKER (12A)	1		
5	004 - 35030 - 60	SCREW and WASHER ASS'Y	2		
6	391 - 47900 - 01	AC VOLTMETER (240V)	1		
7	002 - 17030 - 00	NUT	2		
8	358 - 40621 - 08	AC RECEPTACLE (250V - 16A)	2		
11	004 - 36031 - 20	SCREW and WASHER ASS'Y	8		
13	002 - 17030 - 00	NUT	8		
18	320 - 59855 - 08	FUSE HOLDER (DC)	1		
19	008 - 02103 - 00	FUSE (10A)	1		
20	363 - 45701 - 08	TERMINAL BOLT (Color : RED)	1		
21	363 - 45700 - 08	TERMINAL BOLT (Color : BLACK)	1		
22	353 - 49901 - 08	WING NUT	1		
23	356 - 49907 - 08	SCREW	1		
24	353 - 49902 - 08	NUT	1		
25	332 - 00050 - 08	SPRING WASHER	2		
26	353 - 49903 - 08	WASHER	1		
28	066 - 00001 - 11	SWITCH For Electric starter type	1		
29	385 - 45517 - 08	FUSE HOLDER For Electric starter type	1		
30	385 - 45518 - 08	FUSE (15A) For Electric starter type	1		
31	389 - 05000 - 01	CONDENSER (20 μ F)	1		
32	388 - 86001 - 01	CONDENSER BRACKET, compl.	1		
32	380 - 47531 - 08	CONDENSER BRACKET, compl.	2		
33	004 - 35041 - 00	SCREW and WASHER ASS'Y	1		
34	389 - 59989 - 08	SCREW and WASHER ASS'Y	1		
35	353 - 45804 - 08	DIODE STACK ASS'Y	1		
36	015 - 00400 - 70	TAPPING SCREW	1		
37	228 - 71920 - 01	REGULATOR, compl. For Electric starter type	1		

for

after FEB. '92

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

FIG. 3-12 CONTROL BOX(GERMANY, 50Hz-220V)
(AFTER NOV. '91)

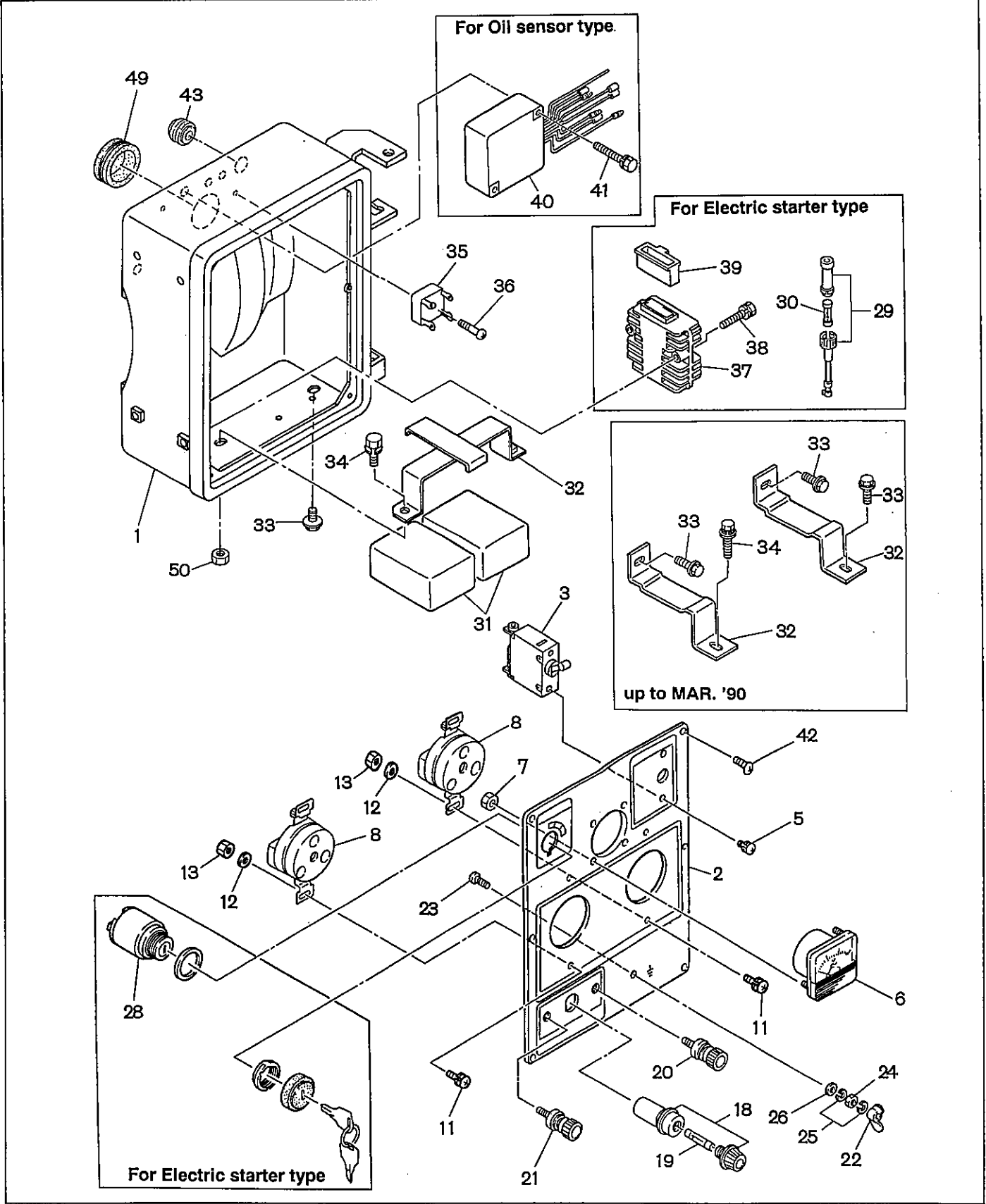


**FIG. 3-12 CONTROL BOX(GERMANY, 50Hz-220V)
(AFTER NOV. '91)**

[illegible]

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-13 CONTROL BOX(SOUTH AFRICA, 50Hz-220V)
(UP TO OCT. '91)**

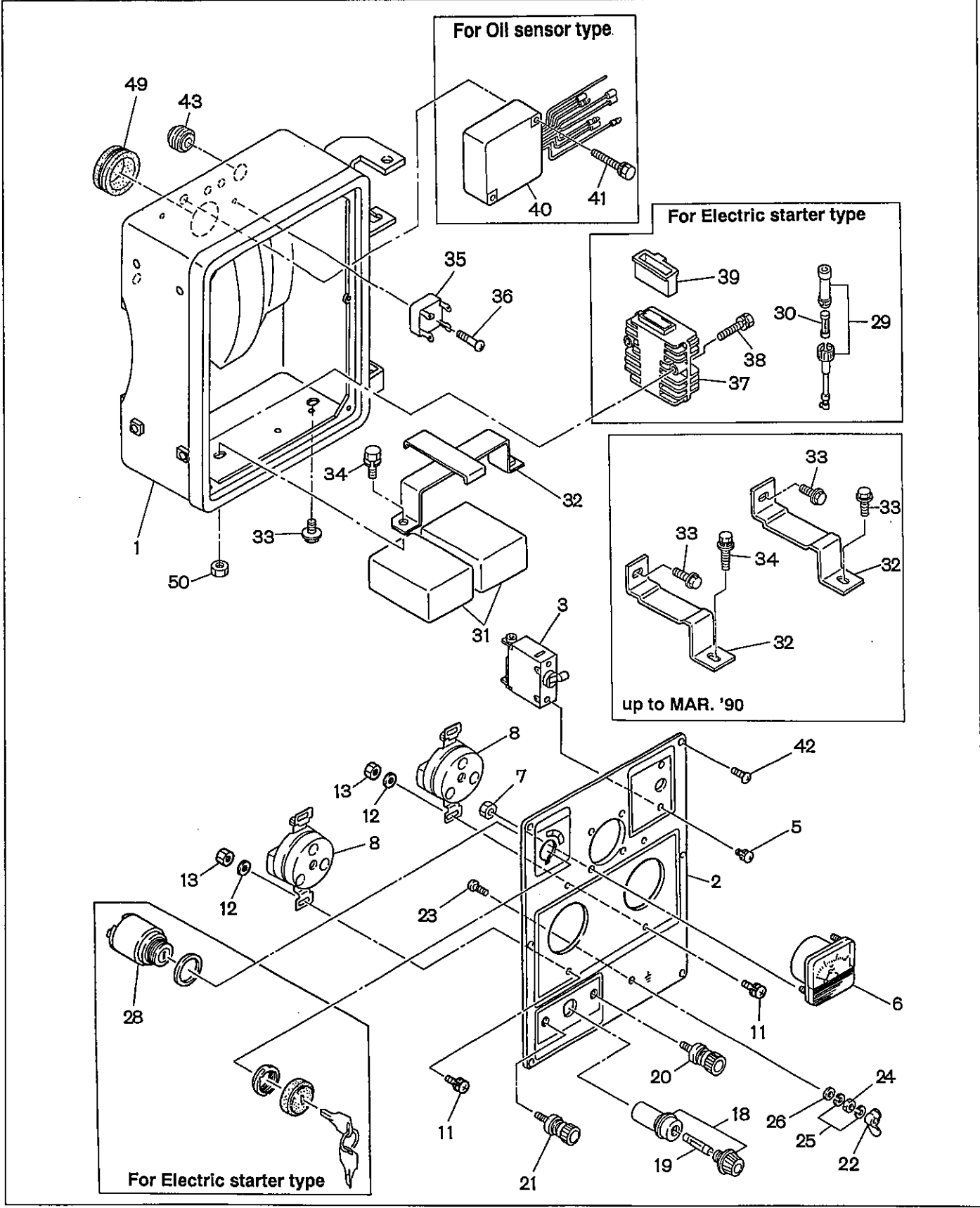


**FIG. 3-13 CONTROL BOX(SOUTH AFRICA, 50Hz-220V)
(UP TO OCT. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	Execution
* 1	392 - 40016 - 20	CONTROL BOX ASS'Y For STD. Includes items 1 thru 26,31 thru 36,42,43,49 and 50	1	○	
* 1	392 - 40016 - 10	CONTROL BOX ASS'Y For STD. Includes items 1 thru 26, 31 thru 36, 42 and 43	1	←	
* 1	392 - 40016 - 00	CONTROL BOX ASS'Y For STD. Includes items 1 thru 26, 31 thru 36 and 42	1	←	
* 1	392 - 40020 - 20	CONTROL BOX ASS'Y For Electric starter type Includes items 1 thru 39, 42, 43, 49 and 50	1	○	
* 1	392 - 40020 - 10	CONTROL BOX ASS'Y For Electric starter type Includes items 1 thru 39, 42 and 43	1	←	
* 1	392 - 40020 - 00	CONTROL BOX ASS'Y For Electric starter type Includes items 1 thru 39, 42 and 43	1	←	
* 1	392 - 40059 - 00	CONTROL BOX ASS'Y For Oil sensor type Includes items 1 thru 26,31 thru 36,40 thru 43,49 and 50	1		
1	391 - 40001 - 21	CONTROL BOX, compl. For STD.	1	←	
1	391 - 40001 - 11	CONTROL BOX, compl. For STD.	1	←	
1	391 - 40001 - 01	CONTROL BOX, compl. For STD.	1	←	
1	391 - 40001 - 21	CONTROL BOX, compl. For Oil sensor type or Electric starter type	1	←	
1	391 - 40001 - 11	CONTROL BOX, compl. For Oil sensor type or Electric starter type	1	←	
1	391 - 40004 - 01	CONTROL BOX, compl. For Oil sensor type or Electric starter type	1	←	
* 2	392 - 41016 - 10	CONTROL PANEL ASS'Y For STD. or Oil sensor type Includes items 2 thru 26	1	○	
* 2	392 - 41016 - 00	CONTROL PANEL ASS'Y For STD. or Oil sensor type Includes items 2 thru 26	1	←	
* 2	392 - 41020 - 10	CONTROL PANEL ASS'Y For Electric starter type Includes items 2 thru 30	1	○	
* 2	392 - 41020 - 00	CONTROL PANEL ASS'Y For Electric starter type Includes items 2 thru 30	1	←	
2	392 - 41016 - 01	CONTROL PANEL, compl. For STD. or Oil sensor type	1		
2	391 - 41018 - 01	CONTROL PANEL, compl. For Electric starter type	1		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-13 CONTROL BOX(SOUTH AFRICA, 50Hz-220V)
(UP TO OCT. '91)**



**FIG. 3-13 CONTROL BOX(SOUTH AFRICA, 50Hz-220V)
(UP TO OCT. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
3	392 - 43001 - 03	NO - FUSE BREAKER (12A)	1		
5	004 - 35030 - 60	SCREW and WASHER ASS'Y	2		
6	391 - 47900 - 01	AC VOLTMETER (240V)	1		
6	350 - 40611 - 08	AC VOLTMETER (300V)	1		
7	002 - 17030 - 00	NUT	2		
7	341 - 00231 - 08	NUT	4		
8	353 - 45718 - 08	AC RECEPTACLE	2		
11	004 - 35041 - 00	SCREW and WASHER ASS'Y	4		
12	003 - 10040 - 00	WASHER	4		
13	002 - 27040 - 00	NUT	4		
18	320 - 59855 - 08	FUSE HOLDER (DC)	1		
19	008 - 02103 - 00	FUSE (10A)	1		
20	363 - 45701 - 08	TERMINAL BOLT (Color : RED)	1		
21	363 - 45700 - 08	TERMINAL BOLT (Color : BLACK)	1		
22	353 - 49901 - 08	WING NUT	1		
23	356 - 49907 - 08	SCREW	1		
24	353 - 49902 - 08	NUT	1		
25	332 - 00050 - 08	SPRING WASHER	2		
26	353 - 49903 - 08	WASHER	1		
28	066 - 00001 - 11	SWITCH For Electric starter type	1		
29	385 - 45517 - 08	FUSE HOLDER For Electric starter type	1		
30	385 - 45518 - 08	FUSE (15A) For Electric starter type	1		
31	376 - 22000 - 03	CONDENSER (10 μ F)	2		
32	387 - 45002 - 01	CONDENSER BRACKET, compl.	1		after APR. '90
32	391 - 45000 - 01	CONDENSER BRACKET, compl.	2		
33	011 - 00600 - 10	FLANGE BOLT	1		
33	011 - 00600 - 10	FLANGE BOLT	3		
34	391 - 49001 - 03	BOLT and WASHER ASS'Y	1		
35	353 - 45804 - 08	DIODE STACK ASS'Y	1		
36	015 - 00400 - 70	TAPPING SCREW	1		
36	004 - 36042 - 00	SCREW and WASHER ASS'Y	1		
37	228 - 71920 - 01	REGULATOR, compl. For Electric starter type	1		
38	001 - 11062 - 50	BOLT and WASHER ASS'Y For Electric starter type	2		
39	391 - 47700 - 03	CONNECTOR For Electric starter type	1		
40	228 - 76001 - 11	OIL SENSOR, compl. For Oil sensor type	1		
41	001 - 11063 - 50	BOLT and WASHER ASS'Y For Oil sensor type	2		
42	353 - 49904 - 08	TAPPING SCREW	6		
43	391 - 49003 - 03	GROMMET	1		
43	024 - 10600 - 90	GROMMET For Oil sensor type or Electric starter type	1		
49	389 - 89001 - 03	GROMMET	1		
50	002 - 27060 - 00	NUT	1		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

This exploded view diagram illustrates the assembly of a vehicle instrument cluster. The main assembly includes the following components:

- Instrument Panel (1):** The central housing for the gauges.
- Gauges:** Includes a speedometer (2), tachometer (3), and other gauges (4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100).
- Mounting Hardware:** Includes various screws (11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100), nuts (11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100), and washers (11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100).

Two callout boxes provide specific assembly instructions:

- For Oil sensor type:** Shows the installation of the oil sensor (40) and its mounting bracket (41).
- For Electric starter type:** Shows the installation of the electric starter (39) and its mounting bracket (38).

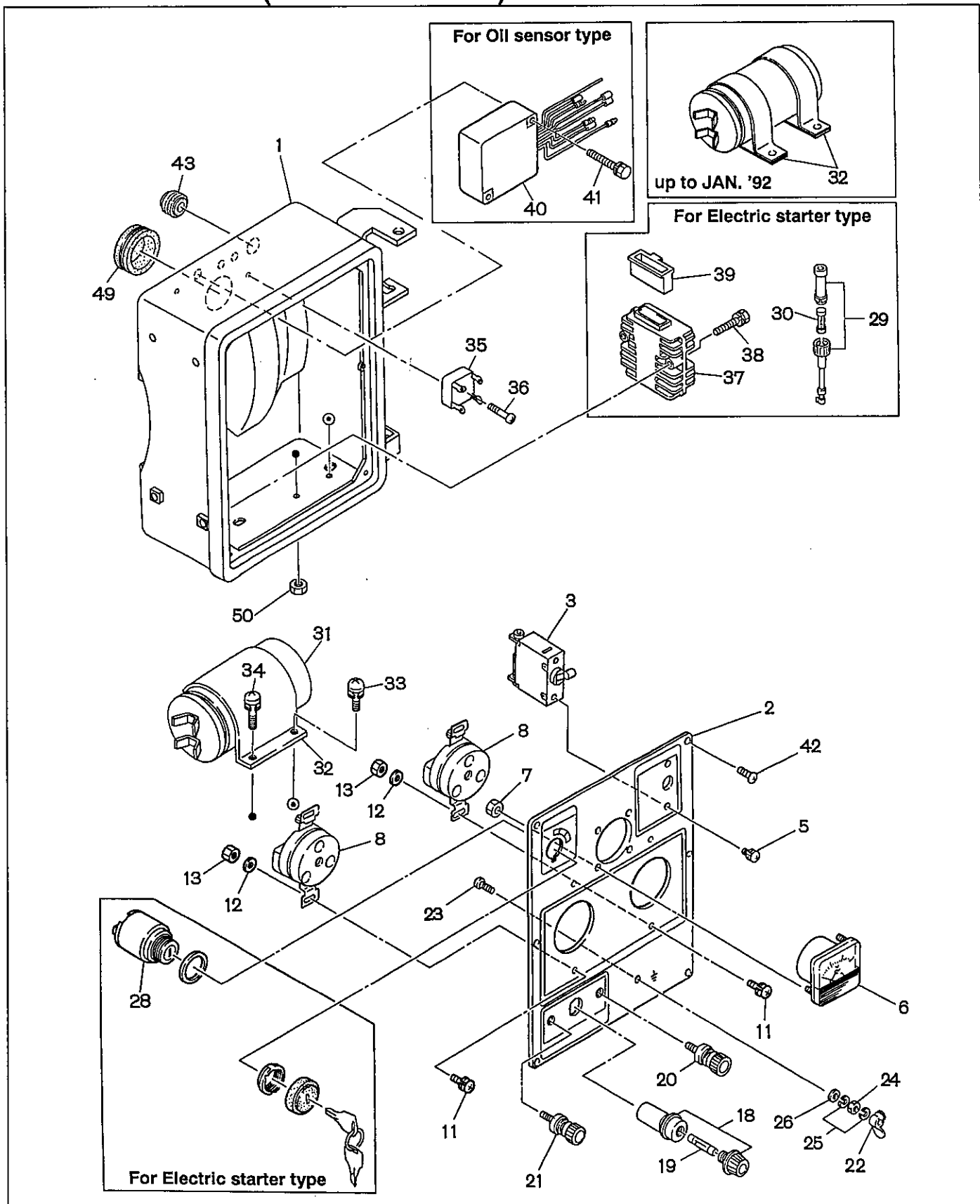
The diagram also includes a note: "up to JAN. '92" next to the oil sensor type callout.

**FIG. 3-14 CONTROL BOX(SOUTH AFRICA, 50Hz-220V)
(AFTER NOV. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
* 1	392 - 40016 - 30	CONTROL BOX ASS'Y For STD. Includes items 1 thru 26,31 thru 36,42,43,49 and 50	1		
* 1	392 - 40020 - 30	CONTROL BOX ASS'Y For Electric starter type Includes items 1 thru 39, 42, 43, 49 and 50	1		
* 1	392 - 40059 - 10	CONTROL BOX ASS'Y For Oil sensor type Includes items 1 thru 26,31 thru 36,40 thru 43,49 and 50	1		
1	391 - 40001 - 31	CONTROL BOX, compl.	1		
* 2	392 - 41016 - 10	CONTROL PANEL ASS'Y For STD. or Oil sensor type Includes items 2 thru 26	1		
* 2	392 - 41020 - 10	CONTROL PANEL ASS'Y For Electric starter type Includes items 2 thru 30	1		
2	392 - 41016 - 01	CONTROL PANEL, compl. For STD. or Oil sensor type	1		
2	391 - 41018 - 01	CONTROL PANEL, compl. For Electric starter type	1		
3	392 - 43001 - 03	NO - FUSE BREAKER (12A)	1		
5	004 - 35030 - 60	SCREW and WASHER ASS'Y	2		
6	391 - 47900 - 01	AC VOLTMETER (240V)	1		
7	002 - 17030 - 00	NUT	2		
8	353 - 45718 - 08	AC RECEPTACLE	2		
11	004 - 35041 - 00	SCREW and WASHER ASS'Y	4		
12	003 - 10040 - 00	WASHER	4		
13	002 - 27040 - 00	NUT	4		
18	320 - 59855 - 08	FUSE HOLDER (DC)	1		
19	008 - 02103 - 00	FUSE (10A)	1		
20	363 - 45701 - 08	TERMINAL BOLT (Color : RED)	1		
21	363 - 45700 - 08	TERMINAL BOLT (Color : BLACK)	1		
22	353 - 49901 - 08	WING NUT	1		
23	356 - 49907 - 08	SCREW	1		
24	353 - 49902 - 08	NUT	1		
25	332 - 00050 - 08	SPRING WASHER	2		
26	353 - 49903 - 08	WASHER	1		
28	066 - 00001 - 11	SWITCH For Electric starter type	1		
29	385 - 45517 - 08	FUSE HOLDER For Electric starter type	1		
30	385 - 45518 - 08	FUSE (15A) For Electric starter type	1		
31	389 - 05000 - 01	CONDENSER (20 μ F)	1		
32	388 - 86001 - 01	CONDENSER BRACKET, compl.	1		
32	380 - 47531 - 08	CONDENSER BRACKET, compl.	2		after FEB. '92
33	004 - 35041 - 00	SCREW and WASHER ASS'Y	1		
34	389 - 59989 - 08	SCREW and WASHER ASS'Y	1		
35	353 - 45804 - 08	DIODE STACK ASS'Y	1		
36	015 - 00400 - 70	TAPPING SCREW	1		
37	228 - 71920 - 01	REGULATOR, compl. For Electric starter type	1		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

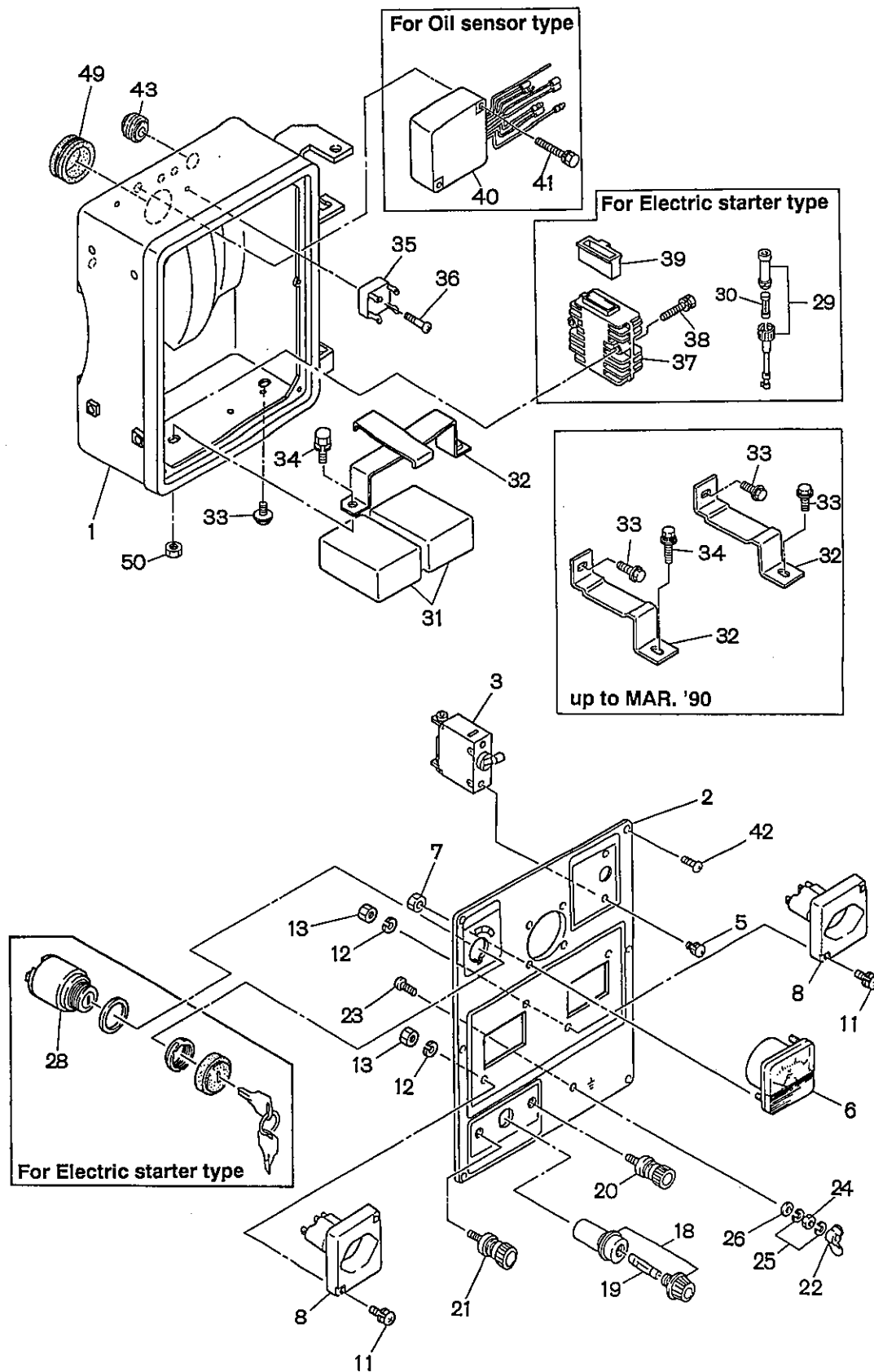
**FIG. 3-14 CONTROL BOX(SOUTH AFRICA, 50Hz-220V)
(AFTER NOV. '91)**



Interchangeability

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-15 CONTROL BOX(SWITZRLAND, 50Hz-220V)
(UP TO OCT. '91)**

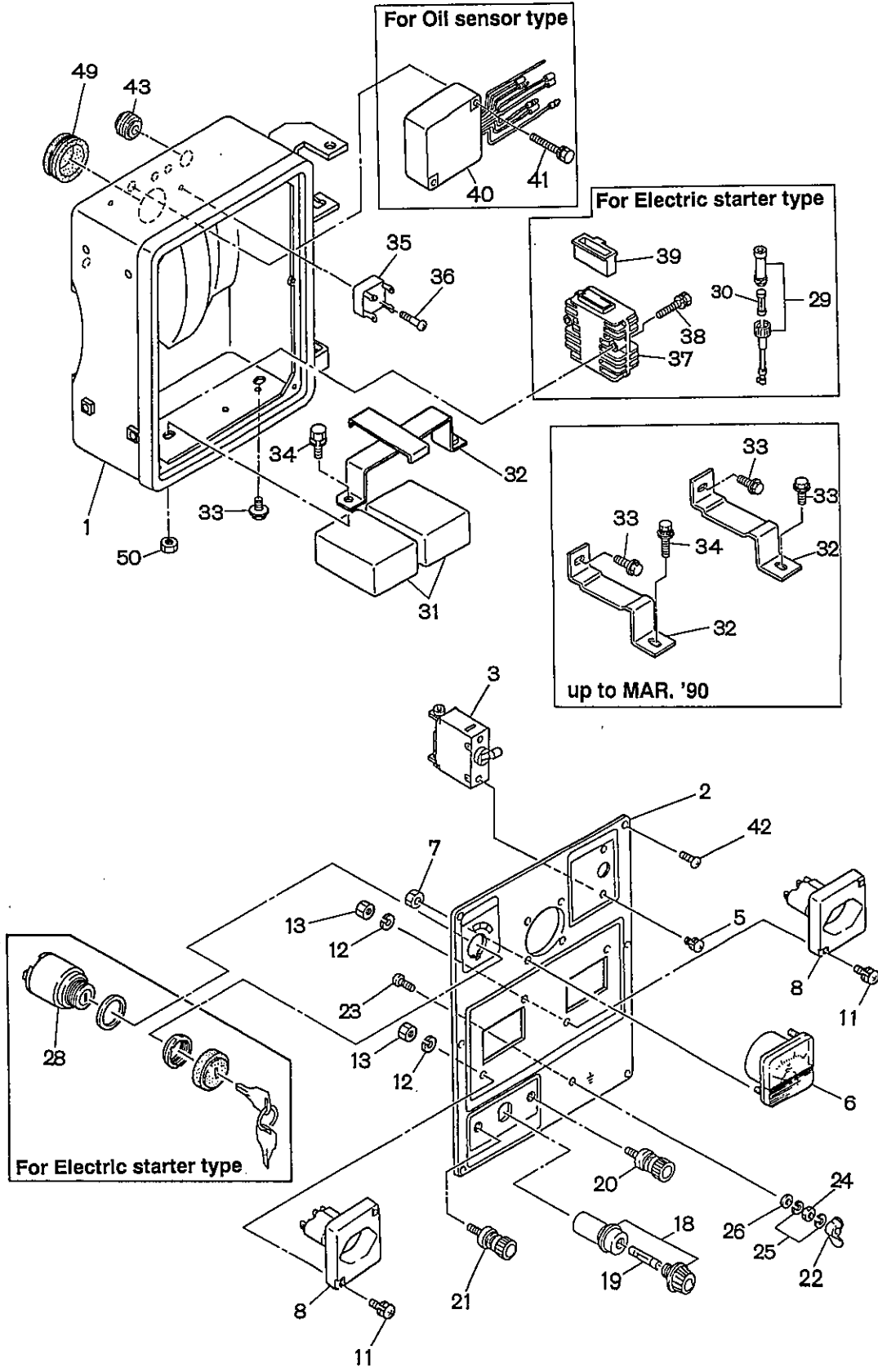


**FIG. 3-15 CONTROL BOX (SWITZRLAND, 50Hz-220V)
(UP TO OCT. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
* 1	392 - 40009 - 20	CONTROL BOX ASS'Y For Oil sensor type Includes items 1 thru 26, 31 thru 36, 40 thru 43, 49 and 50	1	○	
* 1	392 - 40009 - 10	CONTROL BOX ASS'Y For Oil sensor type Includes items 1 thru 26, 31 thru 36 and 40 thru 43	1	← X	
* 1	392 - 40009 - 00	CONTROL BOX ASS'Y For Oil sensor type Includes items 1 thru 26, 31 thru 36 and 40 thru 43	1	←	
* 1	392 - 40021 - 20	CONTROL BOX ASS'Y For Electric starter type with Oil sensor Includes items 1 thru 43, 49 and 50	1	○	
* 1	392 - 40021 - 10	CONTROL BOX ASS'Y For Electric starter type with Oil sensor Includes items 1 thru 43	1	← X	
* 1	392 - 40021 - 00	CONTROL BOX ASS'Y For Electric starter type with Oil sensor Includes items 1 thru 43	1	←	
1	391 - 40001 - 21	CONTROL BOX, compl.	1	← X	
1	391 - 40001 - 11	CONTROL BOX, compl.	1	← X	
1	391 - 40004 - 01	CONTROL BOX, compl.	1	← X	
* 2	392 - 41009 - 10	CONTROL PANEL ASS'Y For Oil sensor type Includes items 2 thru 26	1	○	
* 2	392 - 41009 - 00	CONTROL PANEL ASS'Y For Oil sensor type Includes items 2 thru 26	1	←	
* 2	392 - 41021 - 10	CONTROL PANEL ASS'Y For Electric starter type with Oil sensor Includes items 2 thru 30	1	○	
* 2	392 - 41021 - 00	CONTROL PANEL ASS'Y For Electric starter type with Oil sensor Includes items 2 thru 30	1	←	
2	391 - 41012 - 01	CONTROL PANEL, compl. For Oil sensor type	1		
2	391 - 41021 - 01	CONTROL PANEL, compl. For Electric starter type with Oil sensor	1		
3	392 - 43001 - 03	NO - FUSE BREAKER (12A)	1		
5	004 - 35030 - 60	SCREW and WASHER ASS'Y	2		
6	391 - 47900 - 01	AC VOLTMETER (240V)	1	○	
6	350 - 40611 - 08	AC VOLTMETER (300V)	1	←	
7	002 - 17030 - 00	NUT	2	← X	
7	341 - 00231 - 08	NUT	4	← X	
8	377 - 45000 - 08	AC RECEPTACLE	2		
11	004 - 35032 - 50	SCREW and WASHER ASS'Y	4		
12	003 - 20030 - 00	SPRING WASHER	4		
13	002 - 17030 - 00	NUT	4		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-15 CONTROL BOX(SWITZRLAND, 50Hz-220V)
(UP TO OCT. '91)**

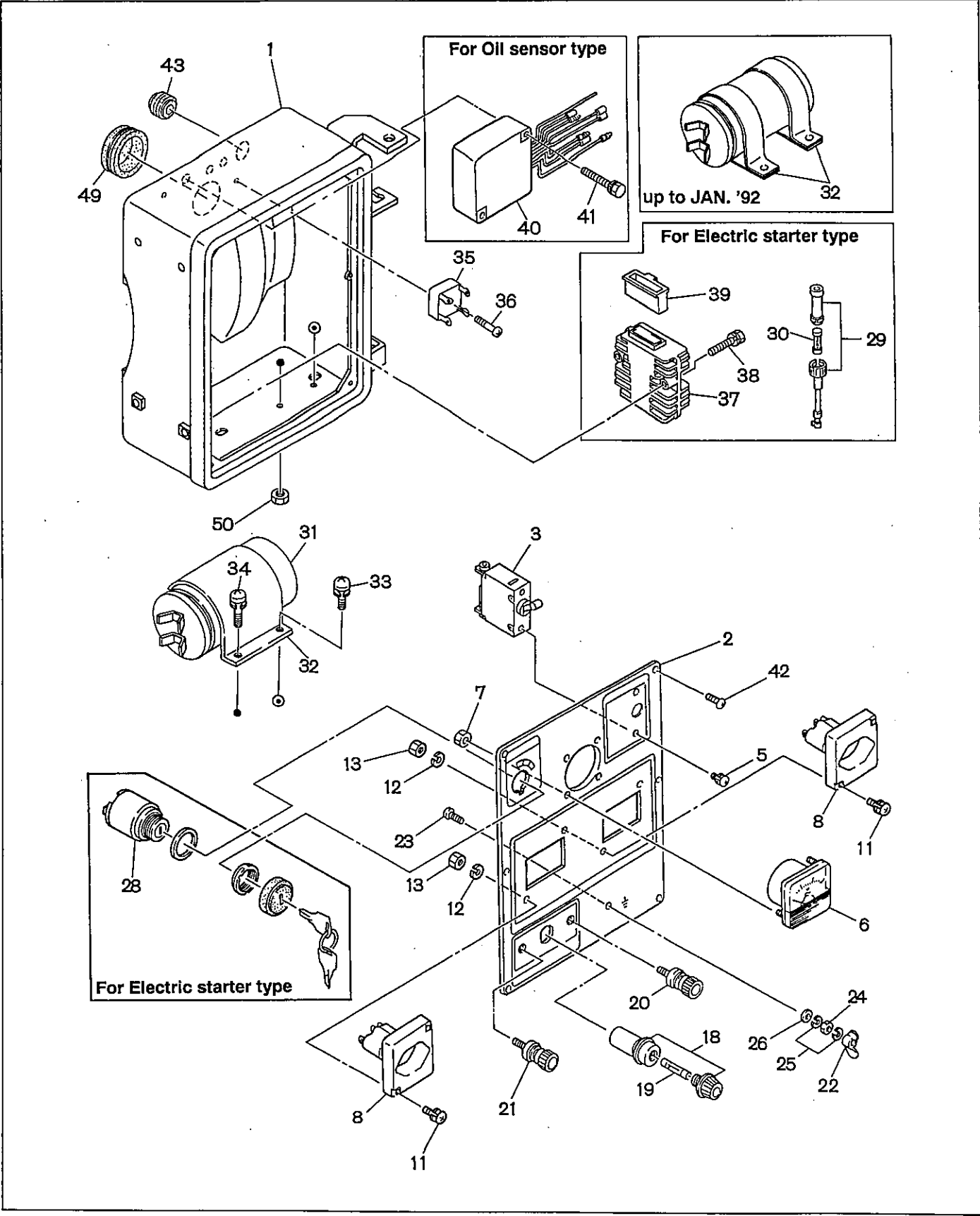


Interchangeability

Interchangeability

Interchangeability

FIG. 3-16 CONTROL BOX(SWITZRLAND, 50Hz-220V)
(AFTER NOV. '91)

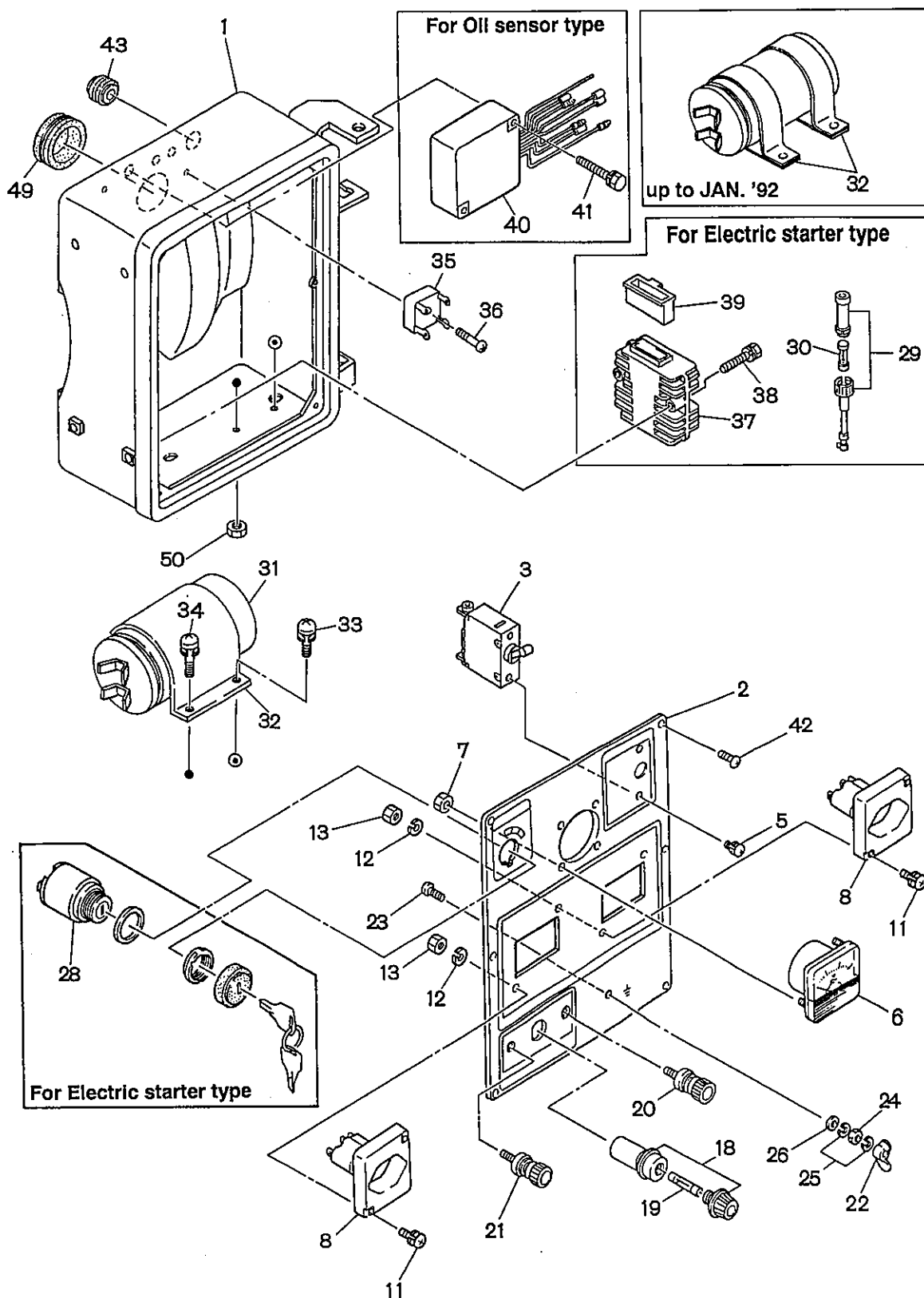


**FIG. 3-16 CONTROL BOX(SWITZRLAND, 50Hz-220V)
(AFTER NOV. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
* 1	392 - 40009 - 30	CONTROL BOX ASS'Y For Oil sensor type Includes items 1 thru 26, 31 thru 36, 40 thru 43, 49 and 50	1	Interchangeability ↓ after FEB. '92	
* 1	392 - 40021 - 30	CONTROL BOX ASS'Y For Electric starter type with Oil sensor Includes items 1 thru 43, 49 and 50	1		
1	391 - 40001 - 31	CONTROL BOX, compl.	1		
* 2	392 - 41009 - 10	CONTROL PANEL ASS'Y For Oil sensor type Includes items 2 thru 26	1		
* 2	392 - 41021 - 10	CONTROL PANEL ASS'Y For Electric starter type with Oil sensor Includes items 2 thru 30	1		
2	391 - 41012 - 01	CONTROL PANEL, compl. For Oil sensor type	1		
2	391 - 41021 - 01	CONTROL PANEL, compl. For Electric starter type with Oil sensor	1		
3	392 - 43001 - 03	NO - FUSE BREAKER (12A)	1		
5	004 - 35030 - 60	SCREW and WASHER ASS'Y	2		
6	391 - 47900 - 01	AC VOLTMETER (240V)	1		
7	002 - 17030 - 00	NUT	2		
8	377 - 45000 - 08	AC RECEPTACLE	2		
11	004 - 35032 - 50	SCREW and WASHER ASS'Y	4		
12	003 - 20030 - 00	SPRING WASHER	4		
13	002 - 17030 - 00	NUT	4		
18	320 - 59855 - 08	FUSE HOLDER (DC)	1		
19	008 - 02103 - 00	FUSE (10A)	1		
20	363 - 45701 - 08	TERMINAL BOLT (Color : RED)	1		
21	363 - 45700 - 08	TERMINAL BOLT (Color : BLACK)	1		
22	353 - 49901 - 08	WING NUT	1		
23	356 - 49907 - 08	SCREW	1		
24	353 - 49902 - 08	NUT	1		
25	332 - 00050 - 08	SPRING WASHER	2		
26	353 - 49903 - 08	WASHER	1		
28	066 - 00001 - 11	SWITCH For Electric starter type	1		
29	385 - 45517 - 08	FUSE HOLDER For Electric starter type	1		
30	385 - 45518 - 08	FUSE (15A) For Electric starter type	1		
31	389 - 05000 - 01	CONDENSER (20 μ F)	1		
32	388 - 86001 - 01	CONDENSER BRACKET, compl.	1		
32	380 - 47531 - 08	CONDENSER BRACKET, compl.	2		
33	004 - 35041 - 00	SCREW and WASHER ASS'Y	1		
34	389 - 59989 - 08	SCREW and WASHER ASS'Y	1		
35	353 - 45804 - 08	DIODE STACK ASS'Y	1		
36	015 - 00400 - 70	TAPPING SCREW	1		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

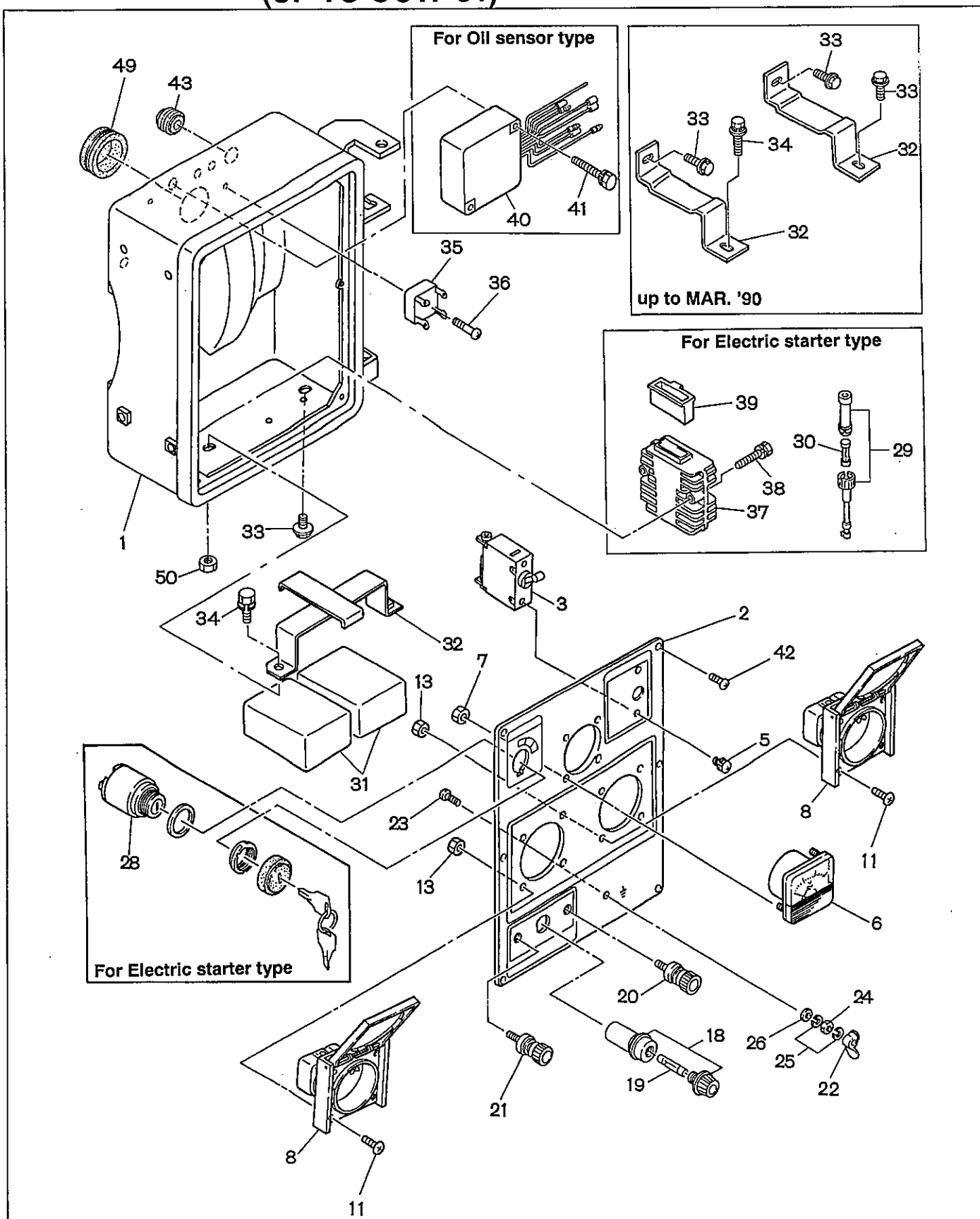
**FIG. 3-16 CONTROL BOX(SWITZRLAND, 50Hz-220V)
(AFTER NOV. '91)**



Interchangeability

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-17 CONTROL BOX(FRANCE, 50Hz-220V)
(UP TO OCT. '91)**

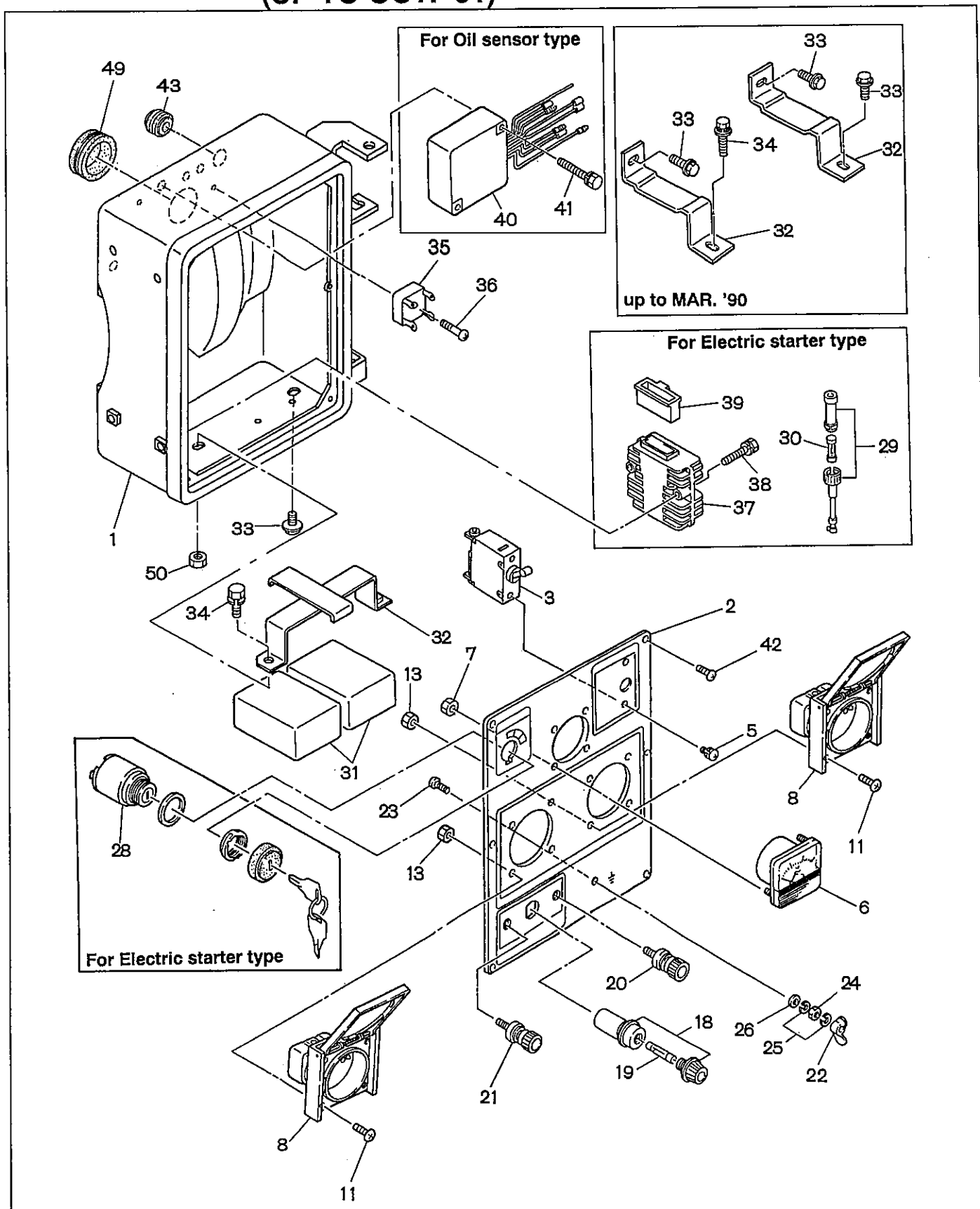


**FIG. 3-17 CONTROL BOX(FRANCE, 50Hz-220V)
(UP TO OCT. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
* 1	392 - 40057 - 10	CONTROL BOX ASS'Y For STD. Includes items 1 thru 26,31 thru 36,42,43,49 and 50	1	○	
* 1	392 - 40057 - 00	CONTROL BOX ASS'Y For STD. Includes items 1 thru 26,31 thru 36,42 and 43	1	←	
* 1	392 - 40004 - 20	CONTROL BOX ASS'Y For Oil sensor type Includes items 1 thru 26,31 thru 36,40 thru 43,49 and 50	1	○	
* 1	392 - 40004 - 10	CONTROL BOX ASS'Y For Oil sensor type Includes items 1 thru 26,31 thru 36,40 thru 43,49 and 50	1	←	
* 1	392 - 40004 - 00	CONTROL BOX ASS'Y For Oil sensor type Includes items 1 thru 26,31 thru 36 and 40 thru 43	1	×	
* 1	392 - 40058 - 00	CONTROL BOX ASS'Y For Electric starter type Includes items 1 thru 39,42,43,49 and 50	1	←	
1	391 - 40001 - 21	CONTROL BOX, compl.	1	×	
1	391 - 40001 - 11	CONTROL BOX, compl.	1	×	
1	391 - 40004 - 01	CONTROL BOX, compl.	1	×	
* 2	392 - 41004 - 10	CONTROL PANEL ASS'Y For STD. or Oil sensor type Includes items 2 thru 26	1	○	
* 2	392 - 41004 - 00	CONTROL PANEL ASS'Y For STD. or Oil sensor type Includes items 2 thru 26	1	←	
* 2	392 - 41058 - 00	CONTROL PANEL ASS'Y For Electric starter type Includes items 2 thru 30	1		
2	391 - 41004 - 01	CONTROL PANEL, compl. For STD. or Oil sensor type	1		
2	392 - 41058 - 01	CONTROL PANEL, compl. For Electric starter type	1		
3	392 - 43001 - 03	NO - FUSE BREAKER (12A)	1		
5	004 - 35030 - 60	SCREW and WASHER ASS'Y	2		
6	391 - 47900 - 01	AC VOLTMETER (240V)	1		
6	350 - 40611 - 08	AC VOLTMETER (300V)	1		
7	002 - 17030 - 00	NUT	2		
7	341 - 00231 - 08	NUT	4		
8	358 - 40612 - 08	AC RECEPTACLE (250V - 16A)	2		
11	004 - 31031 - 50	SCREW	8		
13	341 - 00231 - 08	NUT	8		
18	320 - 59855 - 08	FUSE HOLDER (DC)	1		
19	008 - 02103 - 00	FUSE (10A)	1		
20	363 - 45701 - 08	TERMINAL BOLT (Color : RED)	1		
21	363 - 45700 - 08	TERMINAL BOLT (Color : BLACK)	1		
22	353 - 49901 - 08	WING NUT	1		
23	356 - 49907 - 08	SCREW	1		
24	353 - 49902 - 08	NUT	1		
25	332 - 00050 - 08	SPRING WASHER	2		
26	353 - 49903 - 08	WASHER	1		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-17 CONTROL BOX(FRANCE, 50Hz-220V)
(UP TO OCT. '91)**

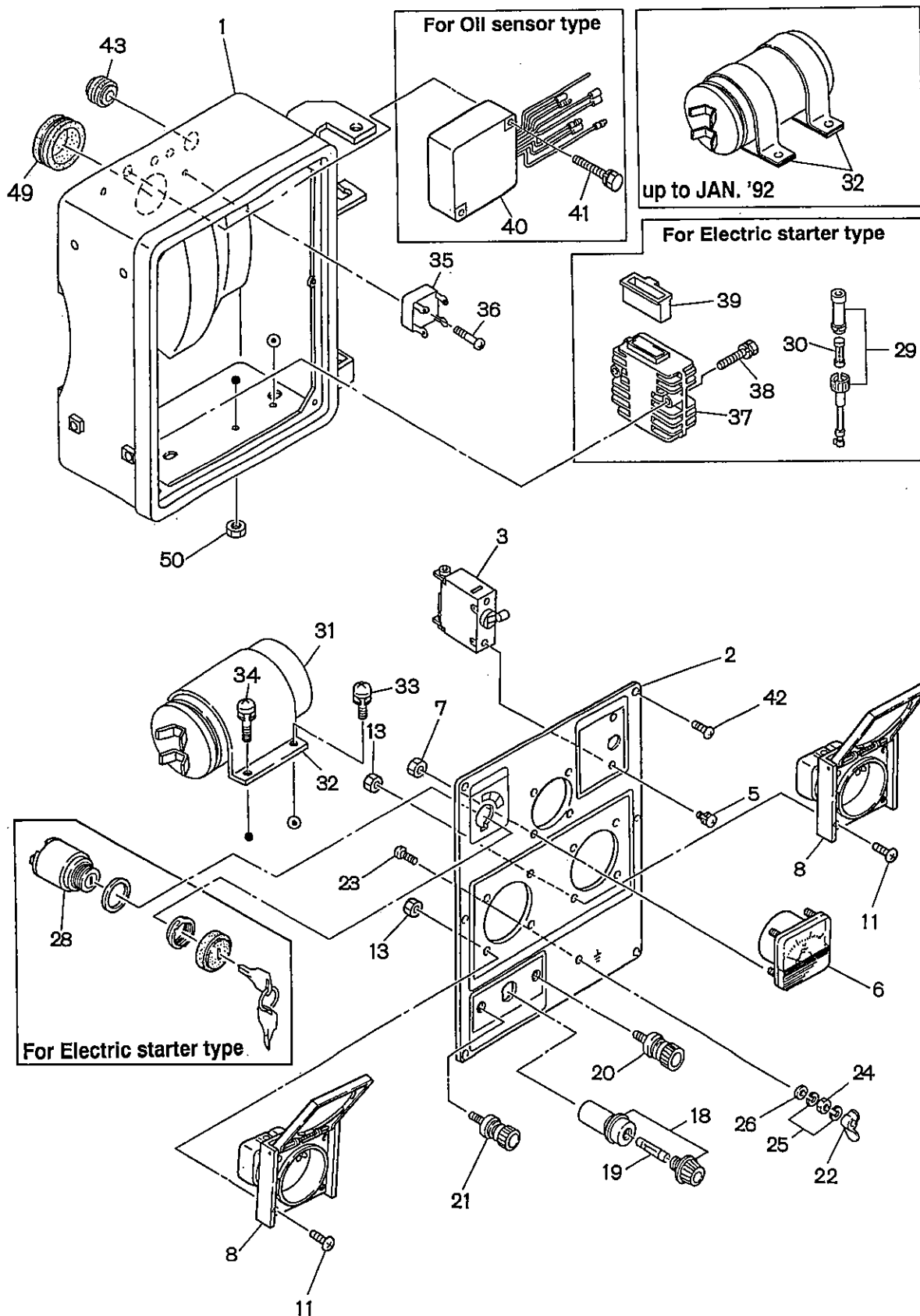


**FIG. 3-17 CONTROL BOX(FRANCE, 50Hz-220V)
(UP TO OCT. '91)**

[illegible]

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-18 CONTROL BOX(FRANCE, 50Hz-220V)
(AFTER NOV. '91)**

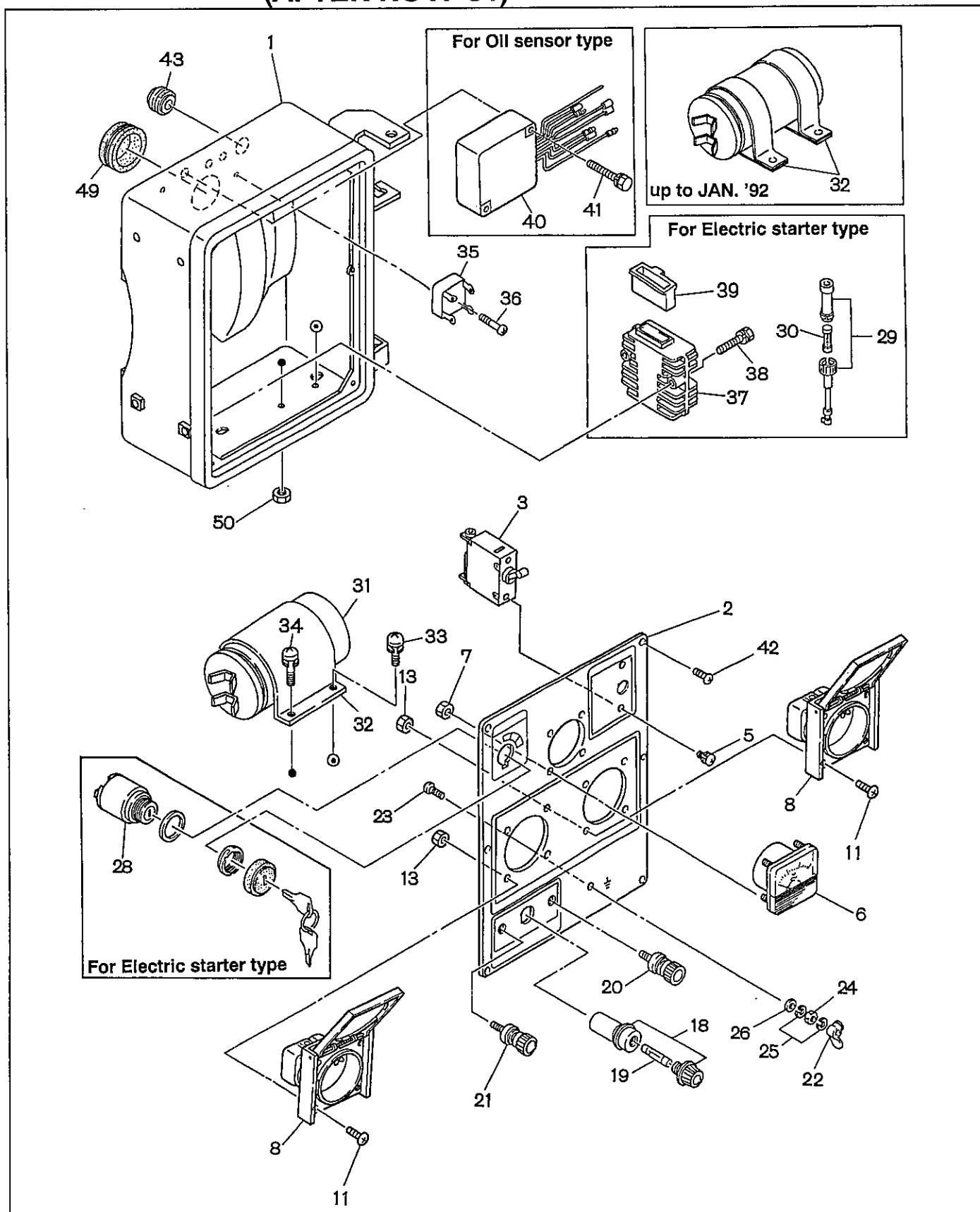


**FIG. 3-18 CONTROL BOX(FRANCE, 50Hz-220V)
(AFTER NOV. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
* 1	392 - 40057 - 20	CONTROL BOX ASS'Y For STD. Includes items 1 thru 26,31 thru 36,42,43,49 and 50	1	↙ ↘	
* 1	392 - 40004 - 30	CONTROL BOX ASS'Y For Oil sensor type Includes items 1 thru 26,31 thru 36,40 thru 43,49 and 50	1		
* 1	392 - 40058 - 10	CONTROL BOX ASS'Y For Electric starter type Includes items 1 thru 39,42,43,49 and 50	1		
1	391 - 40001 - 31	CONTROL BOX, compl.	1		
* 2	392 - 41004 - 10	CONTROL PANEL ASS'Y For STD. or Oil sensor type Includes items 2 thru 26	1		
* 2	392 - 41058 - 00	CONTROL PANEL ASS'Y For Electric starter type Includes items 2 thru 30	1		
2	391 - 41004 - 01	CONTROL PANEL, compl. For STD. or Oil sensor type	1		
2	392 - 41058 - 01	CONTROL PANEL, compl. For Electric starter type	1		
3	392 - 43001 - 03	NO - FUSE BREAKER (12A)	1		
5	004 - 35030 - 60	SCREW and WASHER ASS'Y	2		
6	391 - 47900 - 01	AC VOLTMETER (240V)	1		
7	002 - 17030 - 00	NUT	2		
8	358 - 40612 - 08	AC RECEPTACLE (250V - 16A)	2		
11	004 - 31031 - 50	SCREW	8		
13	341 - 00231 - 08	NUT	8		
18	320 - 59855 - 08	FUSE HOLDER (DC)	1		
19	008 - 02103 - 00	FUSE (10A)	1		
20	363 - 45701 - 08	TERMINAL BOLT (Color : RED)	1		
21	363 - 45700 - 08	TERMINAL BOLT (Color : BLACK)	1		
22	353 - 49901 - 08	WING NUT	1		
23	356 - 49907 - 08	SCREW	1		
24	353 - 49902 - 08	NUT	1		
25	332 - 00050 - 08	SPRING WASHER	2		
26	353 - 49903 - 08	WASHER	1		
28	066 - 00001 - 11	SWITCH For Electric starter type	1		
29	385 - 45517 - 08	FUSE HOLDER For Electric starter type	1		
30	385 - 45518 - 08	FUSE (15A) For Electric starter type	1		
31	389 - 05000 - 01	CONDENSER (20 μ F)	1		
32	388 - 86001 - 01	CONDENSER BRACKET, compl.	1		after FEB. '92
32	380 - 47531 - 08	CONDENSER BRACKET, compl.	2		
33	004 - 35041 - 00	SCREW and WASHER ASS'Y	1		
34	389 - 59989 - 08	SCREW and WASHER ASS'Y	1		
35	353 - 45804 - 08	DIODE STACK ASS'Y	1		
36	015 - 00400 - 70	TAPPING SCREW	1		
37	228 - 71920 - 01	REGULATOR, compl. For Electric starter type	1		
38	001 - 11062 - 50	BOLT and WASHER ASS'Y For Electric starter type	2		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-18 CONTROL BOX(FRANCE, 50Hz-220V)
(AFTER NOV. '91)**

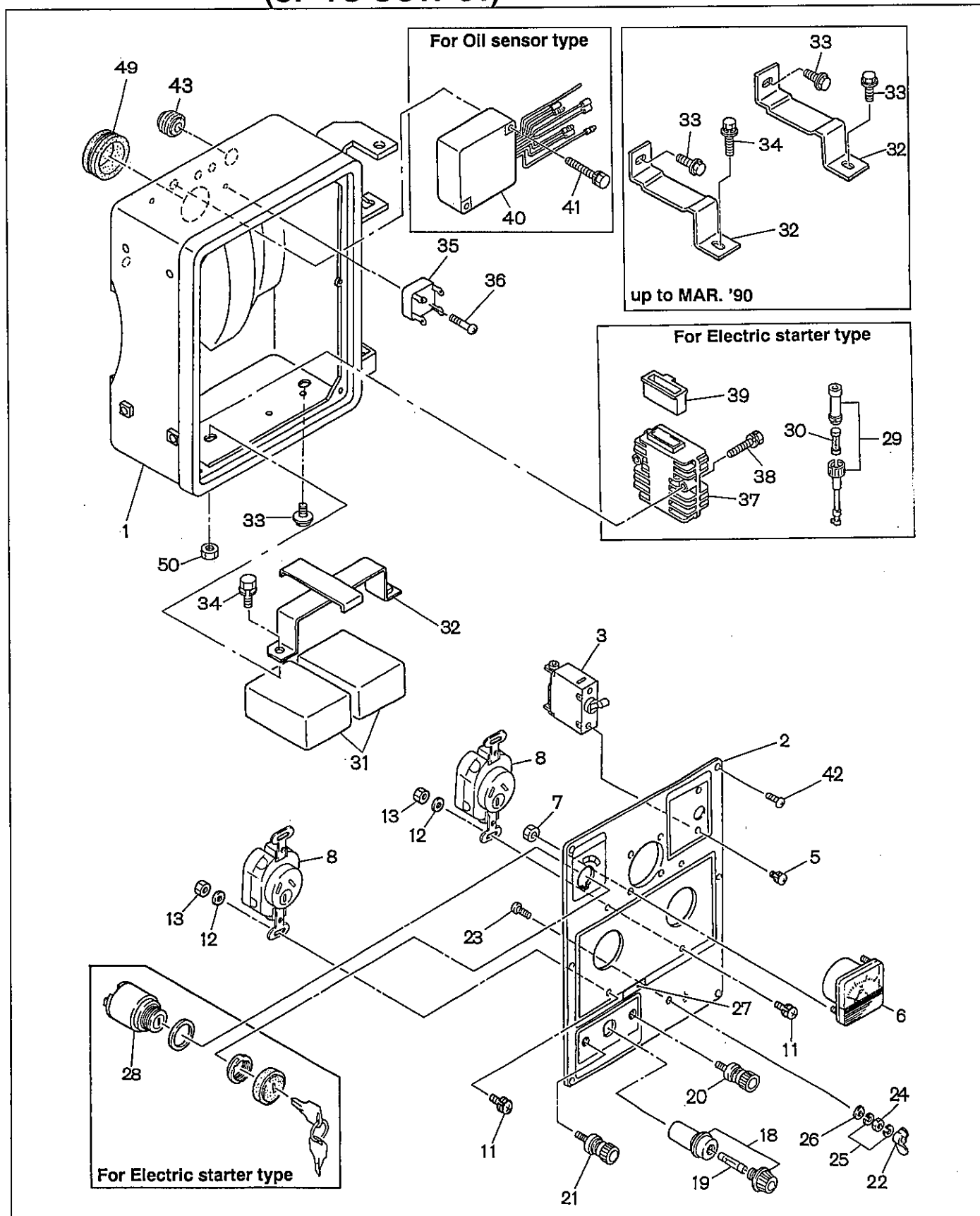


(AFTER NOV. '91)

Interchangeability

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-19 CONTROL BOX(AUSTRALIA, 50Hz-240V)
(UP TO OCT. '91)**



**FIG. 3-19 CONTROL BOX(AUSTRALIA, 50Hz-240V)
(UP TO OCT. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
* 1	392 - 40060 - 00	CONTROL BOX ASS'Y For STD. Includes items 1 thru 27,31 thru 36,42,43,49 and 50	1		
* 1	392 - 40012 - 20	CONTROL BOX ASS'Y For Oil sensor type Includes items 1 thru 27, 31 thru 36, 40 thru 43, 49 and 50	1		
* 1	392 - 40012 - 10	CONTROL BOX ASS'Y For Oil sensor type Includes items 1 thru 27,31 thru 36 and 40 thru 43	1		
* 1	392 - 40012 - 00	CONTROL BOX ASS'Y For Oil sensor type Includes items 1 thru 27,31 thru 36 and 40 thru 43	1		
* 1	392 - 40013 - 20	CONTROL BOX ASS'Y For Electric starter type with Oil sensor Includes items 1 thru 43,49 and 50	1		
* 1	392 - 40013 - 10	CONTROL BOX ASS'Y For Electric starter type with Oil sensor Includes items 1 thru 43	1		
* 1	392 - 40013 - 00	CONTROL BOX ASS'Y For Electric starter type with Oil sensor Includes items 1 thru 43	1		
1	391 - 40001 - 21	CONTROL BOX, compl.	1		
1	391 - 40001 - 11	CONTROL BOX, compl.	1		
1	391 - 40004 - 01	CONTROL BOX, compl.	1		
* 2	392 - 41012 - 10	CONTROL PANEL ASS'Y For STD. or Oil sensor type Includes items 2 thru 27	1		
* 2	392 - 41012 - 00	CONTROL PANEL ASS'Y For Oil sensor type Includes items 2 thru 27	1		
* 2	392 - 41013 - 10	CONTROL PANEL ASS'Y For Electric starter type with Oil sensor Includes items 2 thru 30	1		
* 2	392 - 41013 - 00	CONTROL PANEL ASS'Y For Electric starter type with Oil sensor Includes items 2 thru 30	1		
2	391 - 41008 - 01	CONTROL PANEL, compl. For STD. or Oil sensor type	1		
2	391 - 41013 - 01	CONTROL PANEL, compl. For Electric starter type with Oil sensor	1		
3	392 - 43001 - 03	NO - FUSE BREAKER (12A)	1		
5	004 - 35030 - 60	SCREW and WASHER ASS'Y	2		
6	391 - 47900 - 01	AC VOLTMETER (240V)	1		
6	350 - 40611 - 08	AC VOLTMETER (300V)	1		
7	002 - 17030 - 00	NUT	2		
7	341 - 00231 - 08	NUT	4		
8	358 - 40613 - 08	AC RECEPTACLE	2		
11	004 - 35041 - 00	SCREW and WASHER ASS'Y	4		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

This diagram illustrates the assembly of a generator, showing the main housing (1) and its internal components. The main assembly includes the following parts:

- 49**: Nut
- 43**: Washer
- 33**: Bolt
- 50**: Washer
- 34**: Bolt
- 32**: Bracket
- 31**: Mounting plate
- 3**: Relay
- 8**: Alternator
- 13**: Nut
- 12**: Washer
- 23**: Bolt
- 27**: Bolt
- 11**: Bolt
- 20**: Bolt
- 18**: Bolt
- 19**: Bolt
- 26**: Bolt
- 25**: Bolt
- 22**: Bolt
- 24**: Bolt
- 21**: Bolt
- 28**: Bolt
- 6**: Gauge
- 42**: Bolt
- 5**: Bolt
- 7**: Bolt
- 10**: Bolt
- 14**: Bolt
- 15**: Bolt
- 16**: Bolt
- 17**: Bolt
- 2**: Bolt
- 4**: Bolt
- 9**: Bolt
- 11**: Bolt
- 12**: Washer
- 13**: Nut
- 14**: Bolt
- 15**: Bolt
- 16**: Bolt
- 17**: Bolt
- 18**: Bolt
- 19**: Bolt
- 20**: Bolt
- 21**: Bolt
- 22**: Bolt
- 23**: Bolt
- 24**: Bolt
- 25**: Bolt
- 26**: Bolt
- 27**: Bolt
- 28**: Bolt
- 29**: Bolt
- 30**: Bolt
- 31**: Mounting plate
- 32**: Bracket
- 33**: Bolt
- 34**: Bolt
- 35**: Bolt
- 36**: Bolt
- 37**: Bolt
- 38**: Bolt
- 39**: Bolt
- 40**: Bolt
- 41**: Bolt
- 42**: Bolt
- 43**: Washer
- 44**: Bolt
- 45**: Bolt
- 46**: Bolt
- 47**: Bolt
- 48**: Bolt
- 49**: Nut
- 50**: Washer

For Oil sensor type

- 40**: Oil sensor
- 41**: Bolt

For Electric starter type

- 39**: Relay
- 38**: Bolt
- 37**: Bolt
- 30**: Bolt
- 29**: Bolt

For Electric starter type

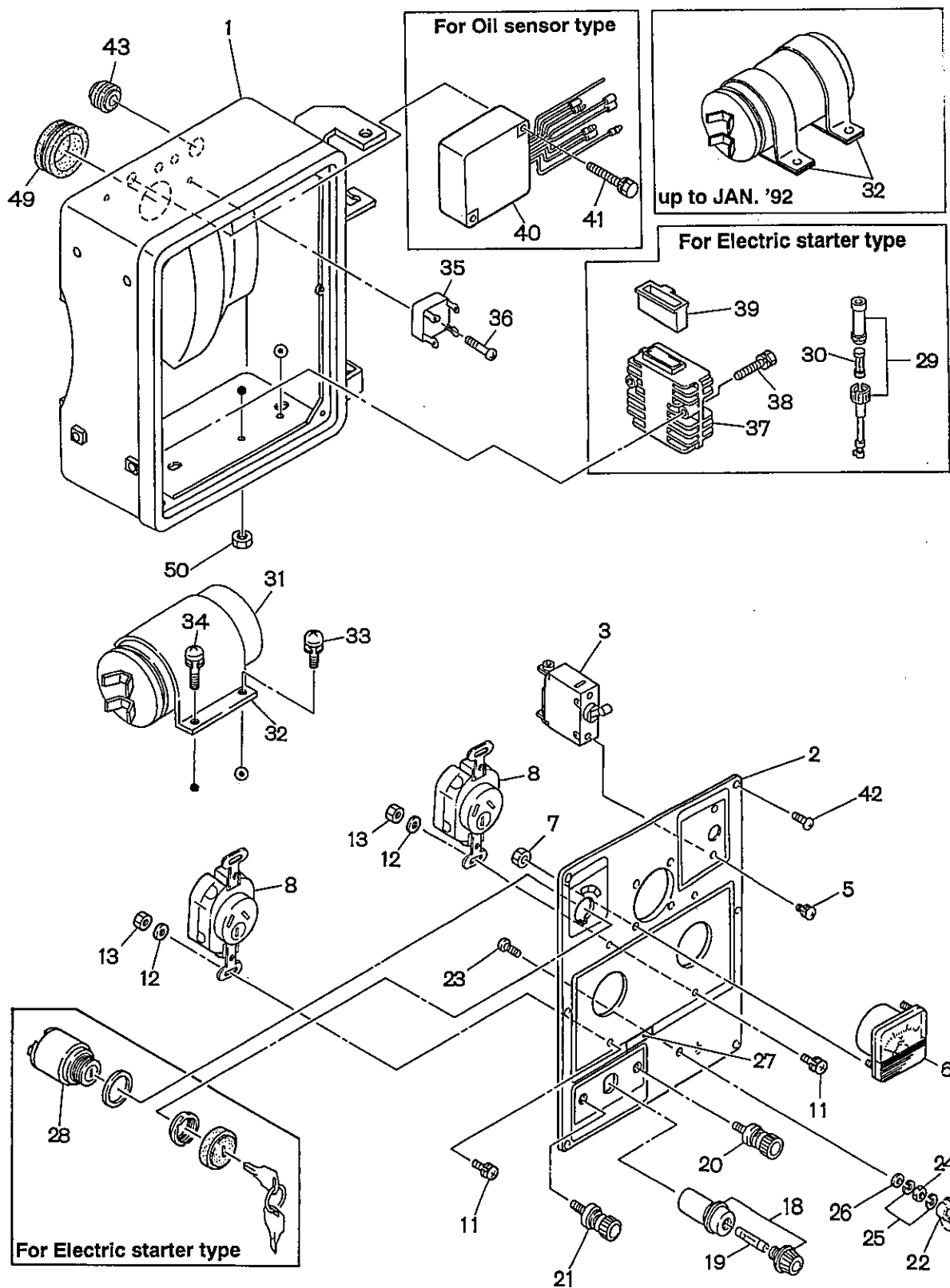
- 28**: Bolt
- 27**: Bolt
- 26**: Bolt
- 25**: Bolt
- 24**: Bolt
- 23**: Bolt
- 22**: Bolt
- 21**: Bolt
- 20**: Bolt
- 19**: Bolt
- 18**: Bolt
- 17**: Bolt
- 16**: Bolt
- 15**: Bolt
- 14**: Bolt
- 13**: Nut
- 12**: Washer
- 11**: Bolt
- 10**: Bolt
- 9**: Bolt
- 8**: Alternator
- 7**: Bolt
- 6**: Gauge
- 5**: Bolt
- 4**: Bolt
- 3**: Relay
- 2**: Bolt
- 1**: Housing

**FIG. 3-19 CONTROL BOX(AUSTRALIA, 50Hz-240V)
(UP TO OCT. '91)**

[illegible]

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 3-20 CONTROL BOX(AUSTRALIA, 50Hz-240V)
(AFTER NOV. '91)**



**FIG. 3-20 CONTROL BOX(AUSTRALIA, 50Hz-240V)
(AFTER NOV. '91)**

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	Execution
* 1	392 - 40060 - 10	CONTROL BOX ASS'Y For STD. Includes items 1 thru 27,31 thru 36,42,43,49 and 50	1		
* 1	392 - 40012 - 30	CONTROL BOX ASS'Y For Oil sensor type Includes items 1 thru 27,31 thru 36,40 thru 43,49 and 50	1		
* 1	392 - 40013 - 30	CONTROL BOX ASS'Y For Electric starter type with Oil sensor Includes items 1 thru 43,49 and 50	1		
1	391 - 40001 - 31	CONTROL BOX, compl.	1		
* 2	392 - 41012 - 10	CONTROL PANEL ASS'Y For STD. or Oil sensor type Includes items 2 thru 27	1		
* 2	392 - 41013 - 10	CONTROL PANEL ASS'Y For Electric starter type with Oil sensor Includes items 2 thru 30	1		
2	391 - 41008 - 01	CONTROL PANEL, compl. For STD. or Oil sensor type	1		
2	391 - 41013 - 01	CONTROL PANEL, compl. For Electric starter type with Oil sensor	1		
3	392 - 43001 - 03	NO - FUSE BREAKER (12A)	1		
5	004 - 35030 - 60	SCREW and WASHER ASS'Y	2		
6	391 - 47900 - 01	AC VOLTMETER (240V)	1		
7	002 - 17030 - 00	NUT	2		
8	358 - 40613 - 08	AC RECEPTACLE	2		
11	004 - 35041 - 00	SCREW and WASHER ASS'Y	4		
12	003 - 10040 - 00	WASHER	4		
13	002 - 27040 - 00	NUT	4		
18	320 - 59855 - 08	FUSE HOLDER (DC)	1		
19	008 - 02103 - 00	FUSE (10A)	1		
20	363 - 45701 - 08	TERMINAL BOLT (Color : RED)	1		
21	363 - 45700 - 08	TERMINAL BOLT (Color : BLACK)	1		
22	353 - 49901 - 08	WING NUT	1		
23	356 - 49907 - 08	SCREW	1		
24	353 - 49902 - 08	NUT	1		
25	332 - 00050 - 08	SPRING WASHER	2		
26	353 - 49903 - 08	WASHER	1		
27	376 - 92201 - 03	LABEL (AC 240V)	1		
28	066 - 00001 - 11	SWITCH For Electric starter type	1		
29	385 - 45517 - 08	FUSE HOLDER For Electric starter type	1		
30	385 - 45518 - 08	FUSE (15A) For Electric starter type	1		
31	389 - 05000 - 01	CONDENSER (20 μ F)	1		
32	388 - 86001 - 01	CONDENSER BRACKET, compl.	1		after FEB. '92
32	380 - 47531 - 08	CONDENSER BRACKET, compl.	2		
33	004 - 35041 - 00	SCREW and WASHER ASS'Y	1		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

For Oil sensor type

up to JAN. '92

For Electric starter type

For Electric starter type

**FIG. 3-20 CONTROL BOX(AUSTRALIA, 50Hz-240V)
(AFTER NOV. '91)**

[illegible]

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

FIG. 4-1 CRANKCASE GROUP(UP TO MAR. '92)

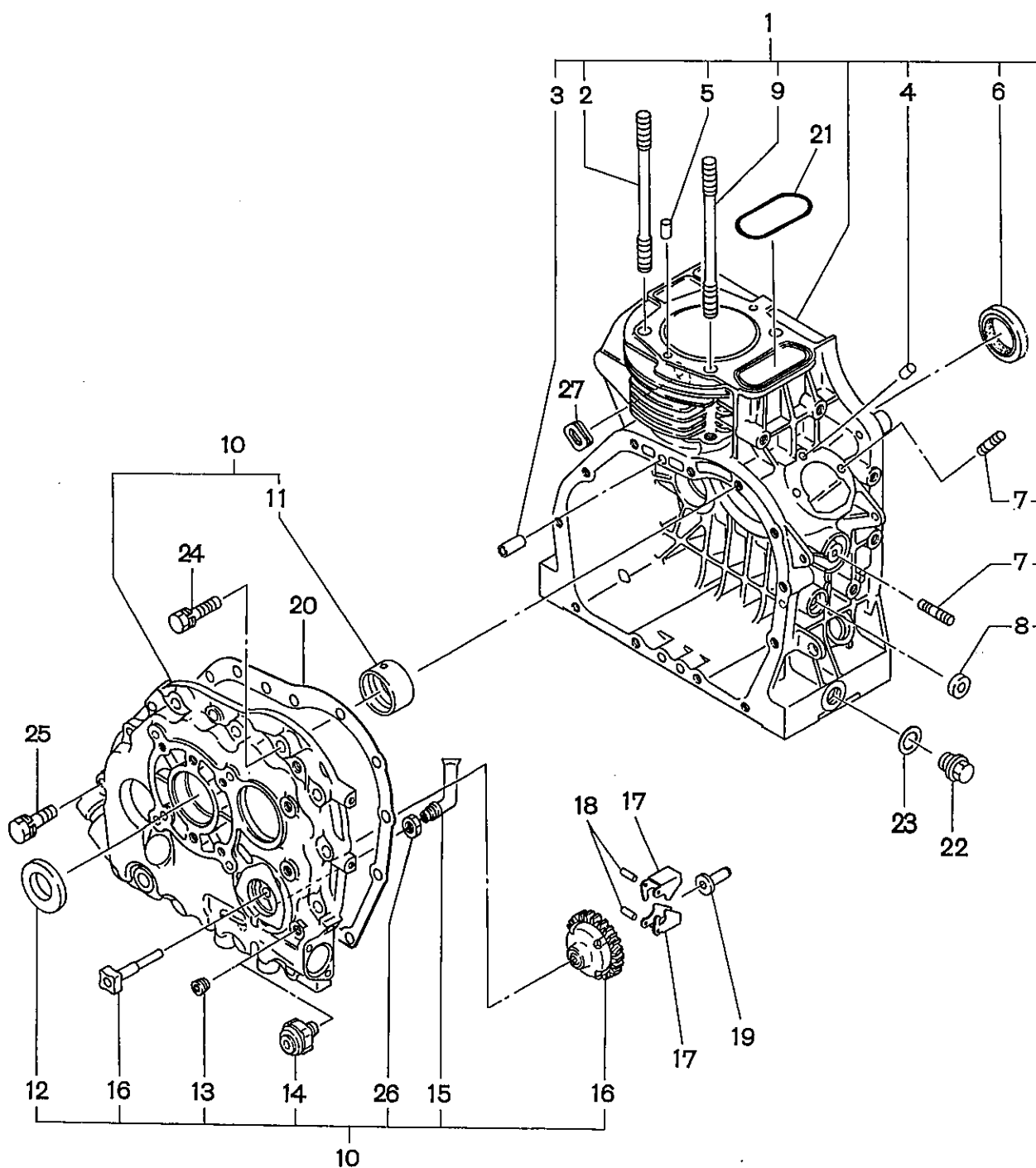


FIG. 4-1 CRANKCASE GROUP(UP TO MAR. '92)

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
* 1	244 - 10103 - 41	CRANKCASE, compl. Includes items 2 thru 9	1	↓	
* 1	244 - 10103 - 31	CRANKCASE, compl. Includes items 2 thru 9	1	↓	
* 1	244 - 10103 - 21	CRANKCASE, compl. Includes items 2 thru 9	1	↓	
* 1	244 - 10103 - 11	CRANKCASE, compl. Includes items 2 thru 9	1	↓	
* 1	244 - 10103 - 01	CRANKCASE, compl. Includes items 2 thru 9	1	↓	
* 1	244 - 10107 - 41	CRANKCASE, compl. Includes items 2 thru 9 For Electric starter type	1	↓	
* 1	244 - 10107 - 31	CRANKCASE, compl. Includes items 2 thru 9 For Electric starter type	1	↓	
* 1	244 - 10107 - 21	CRANKCASE, compl. Includes items 2 thru 9 For Electric starter type	1	↓	
* 1	244 - 10107 - 11	CRANKCASE, compl. Includes items 2 thru 9 For Electric starter type	1	↓	
* 1	244 - 10107 - 01	CRANKCASE, compl. Includes items 2 thru 9 For Electric starter type	1	↓	
2	244 - 16001 - 11	TENSION BOLT	3	↓	
2	243 - 16001 - 01	TENSION BOLT	3	↓	
3	005 - 26081 - 80	DOWEL PIN	2	↓	
3	243 - 15001 - 03	PIPE KNOCK	2	↓	
4	005 - 26051 - 20	DOWEL PIN	1	↓	
5	031 - 00600 - 10	DOWEL PIN	2	↓	
5	031 - 00600 - 20	DOWEL PIN	2	↓	
6	044 - 03000 - 60	OIL SEAL (30 φ × 48 φ × 8)	1	↓	
6	044 - 03000 - 30	OIL SEAL (30 φ × 45 φ × 8)	1	↓	
7	001 - 37062 - 21	STUD	3	↓	
8	044 - 00800 - 30	OIL SEAL (8 φ × 18 φ × 7)	1	↓	
9	244 - 16002 - 11	TENSION BOLT	1	↓	
9	243 - 16002 - 01	TENSION BOLT	1	↓	
* 10	244 - 11002 - 31	MAIN BEARING COVER, compl. Includes items 11 thru 13, 15, 16 and 26	1	↓	
* 10	244 - 11002 - 21	MAIN BEARING COVER, compl. Includes items 11 thru 13, 15, 16 and 26	1	↓	
* 10	244 - 11002 - 11	MAIN BEARING COVER, compl. Includes items 11 thru 13, 15, 16 and 26	1	↓	
* 10	244 - 11002 - 01	MAIN BEARING COVER, compl. Includes items 11 thru 13, 15, 16	1	↓	

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

FIG. 4-1 CRANKCASE GROUP(UP TO MAR. '92)

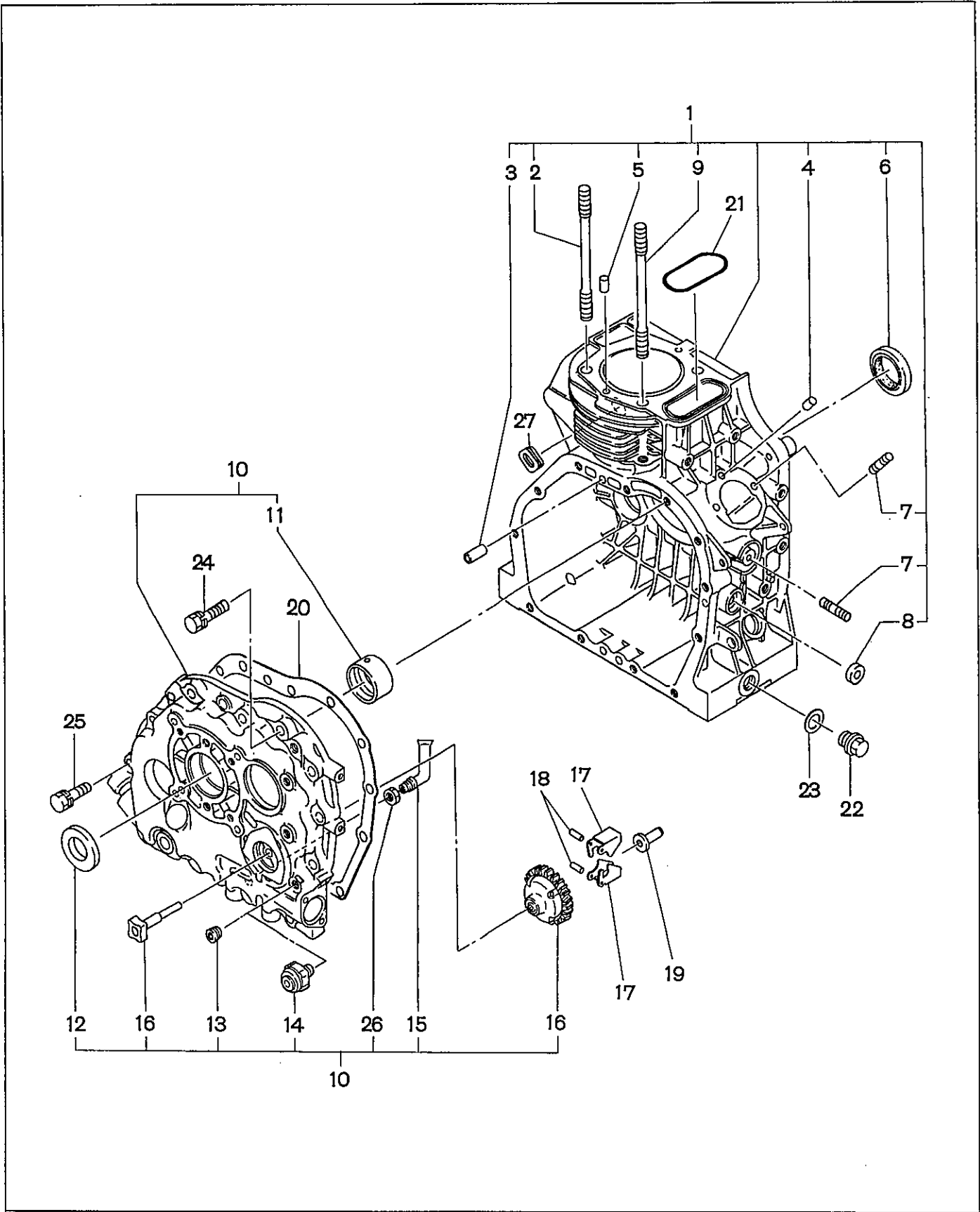


FIG. 4-1 CRANKCASE GROUP(UP TO MAR. '92)

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
* 10	244 - 11003 - 31	MAIN BEARING COVER, compl. For Oil sensor type Includes items 11, 12, 14, 15, 16 and 26	1	X O O O	
* 10	244 - 11003 - 21	MAIN BEARING COVER, compl. For Oil sensor type Includes items 11, 12, 14, 15, 16 and 26	1		
* 10	244 - 11003 - 11	MAIN BEARING COVER, compl. For Oil sensor type Includes items 11, 12, 14, 15, 16 and 26	1		
* 10	244 - 11003 - 01	MAIN BEARING COVER, compl. For Oil sensor type Includes items 11, 12 and 14 thru 16	1		
11	243 - 15801 - 03	MAIN BEARING, STD.	1	X X X X X X X X X X	
11	243 - 15802 - 03	MAIN BEARING, under size 0.25mm	1		
11	243 - 15803 - 03	MAIN BEARING, under size 0.50mm	1		
12	044 - 03000 - 30	OIL SEAL (30 ϕ $\times$ 45 ϕ $\times$ 8)	1		
13	212 - 15008 - 13	BLIND PLUG	1		
14	942 - 99513 - 00	SWITCH ASS'Y, oil pressure For Oil sensor type	1		
15	243 - 64205 - 01	SUCTION PIPE	1		
15	243 - 64203 - 01	SUCTION PIPE	1		
15	243 - 64201 - 03	SUCTION PIPE	1		
16	243 - 45011 - 07	GOVERNOR GEAR SHAFT SET	1		
17	220 - 41601 - 03	FLYWEIGHT	2	X X X X X X X X X X	
18	030 - 73000 - 70	PIN	2		
19	205 - 41901 - 03	GOVERNOR SLEEVE	1		
20	243 - 15026 - 03	GASKET, bearing cover	1		
20	243 - 15002 - 03	GASKET, bearing cover	1		
21	243 - 15005 - 13	GASKET, case	1		
22	040 - 11400 - 30	PLUG	2		
23	021 - 11400 - 20	GASKET	2		
24	001 - 13083 - 50	BOLT and WASHER ASS'Y	12		
25	001 - 13084 - 00	BOLT and WASHER ASS'Y	1		
26	002 - 24100 - 00	NUT	1	X X X X	
27	243 - 75001 - 03	GROMMET	1		
*	244 - 99001 - 07	GASKET SET Includes items Fig. 4 - 20, 23 Fig. 5 - 7, 8 Fig. 8 - 6, 12, 13 Fig. 11 - 23	1		
*	243 - 99001 - 07	GASKET SET Includes items Fig. 4 - 20, 21, 23 Fig. 5 - 7 Fig. 8 - 6, 12, 13 Fig. 11 - 23	1		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

FIG. 4-2 CRANKCASE GROUP(AFTER APR. '92)

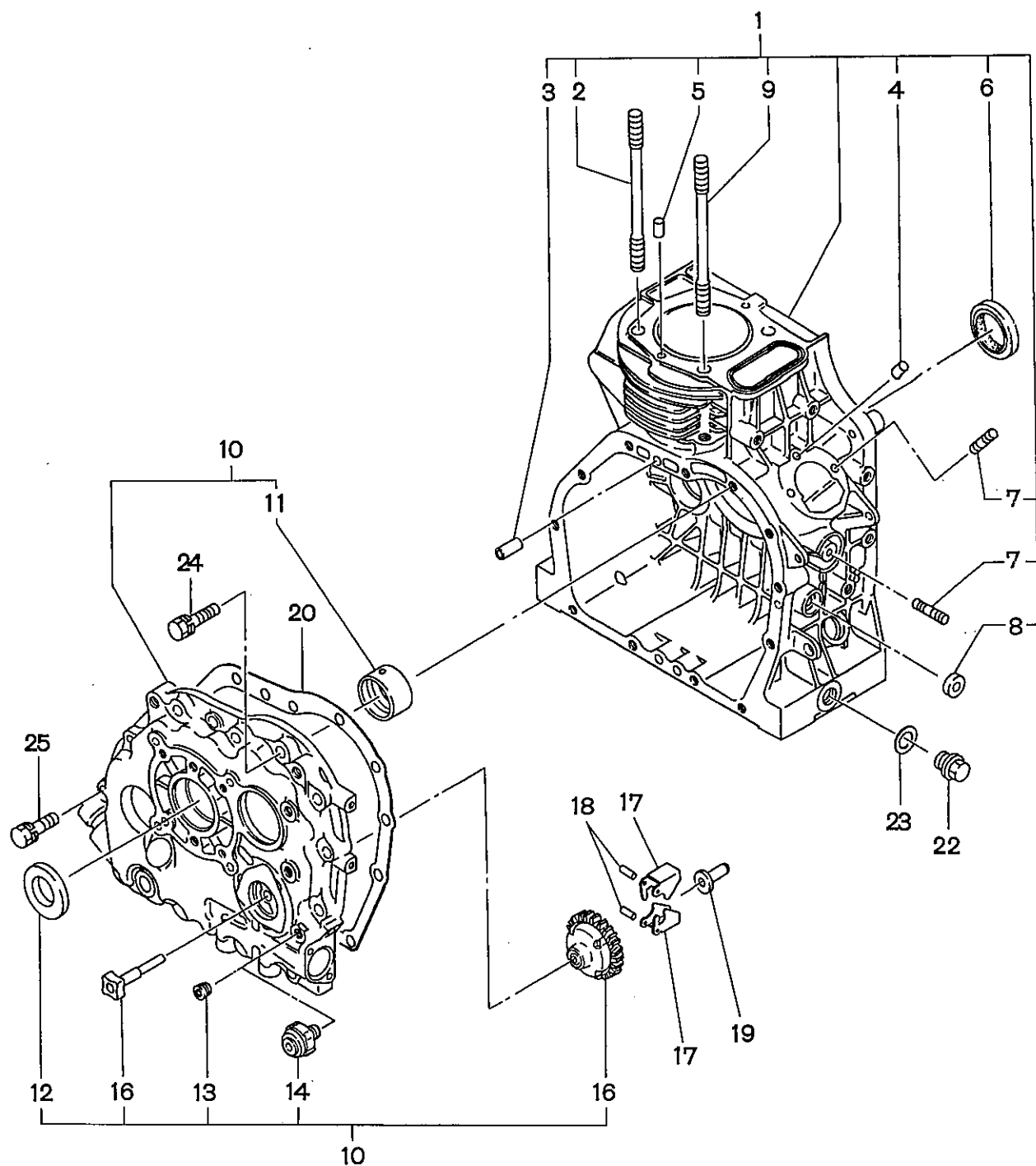


FIG. 4-2 CRANKCASE GROUP(AFTER APR. '92)

[illegible]

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

FIG. 5-1 CYLINDER HEAD GROUP(UP TO MAR. '92)

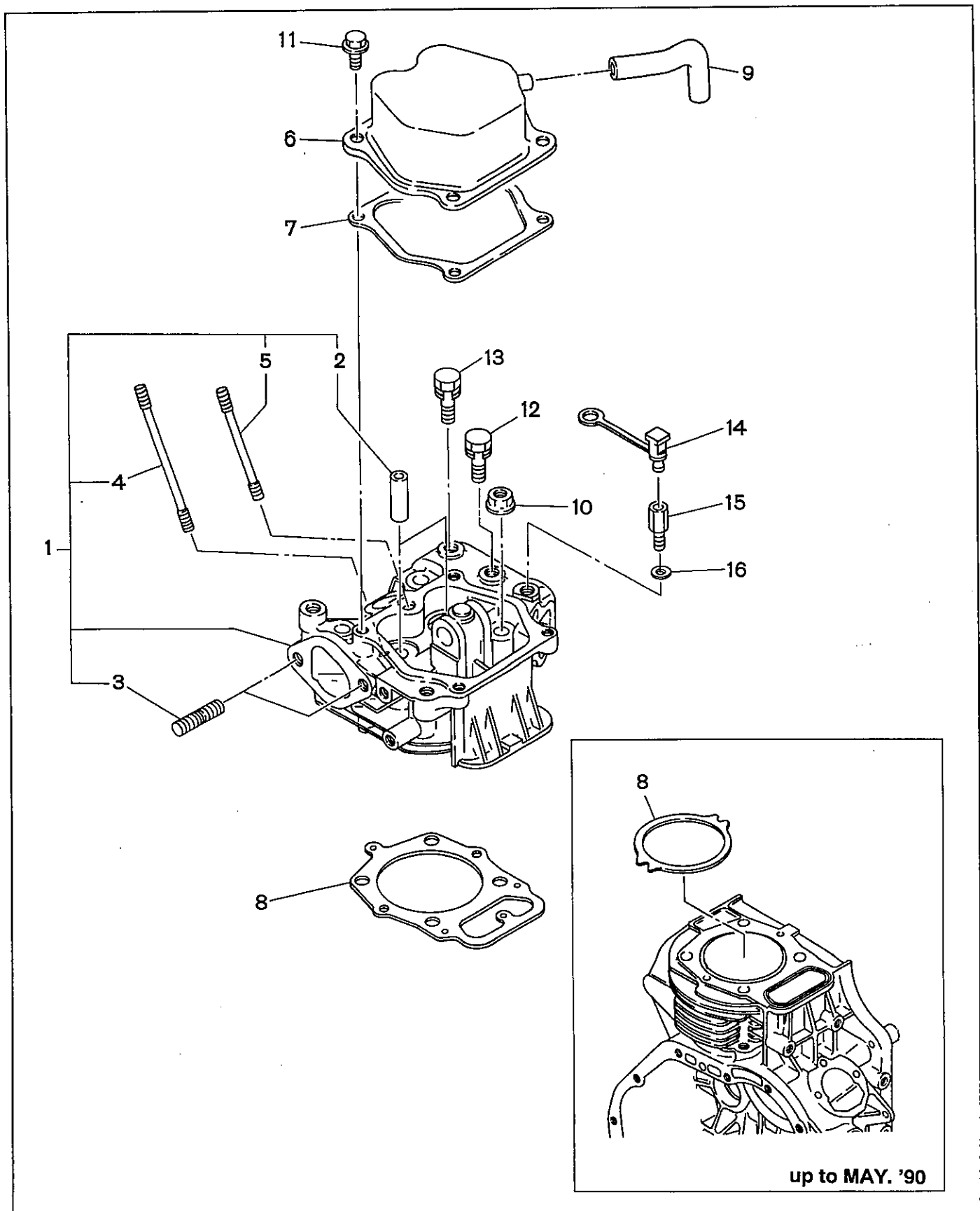


FIG. 5-1 CYLINDER HEAD GROUP(UP TO MAR. '92)

[illegible]

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

FIG. 5-2 CYLINDER HEAD GROUP(AFTER APR. '92)

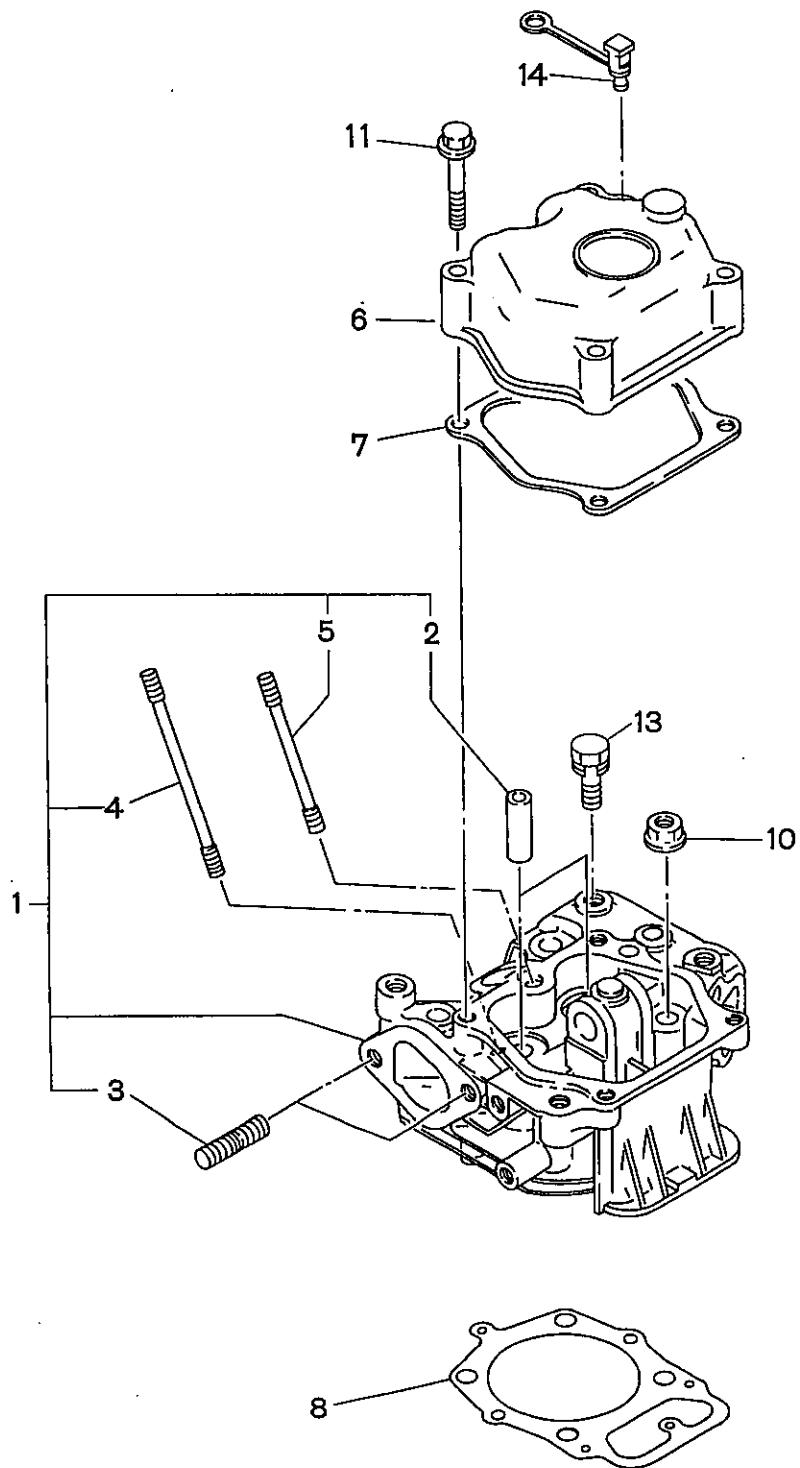


FIG. 5-2 CYLINDER HEAD GROUP (AFTER APR. '92)

[illegible]

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

FIG. 6 CRANKSHAFT and PISTON GROUP

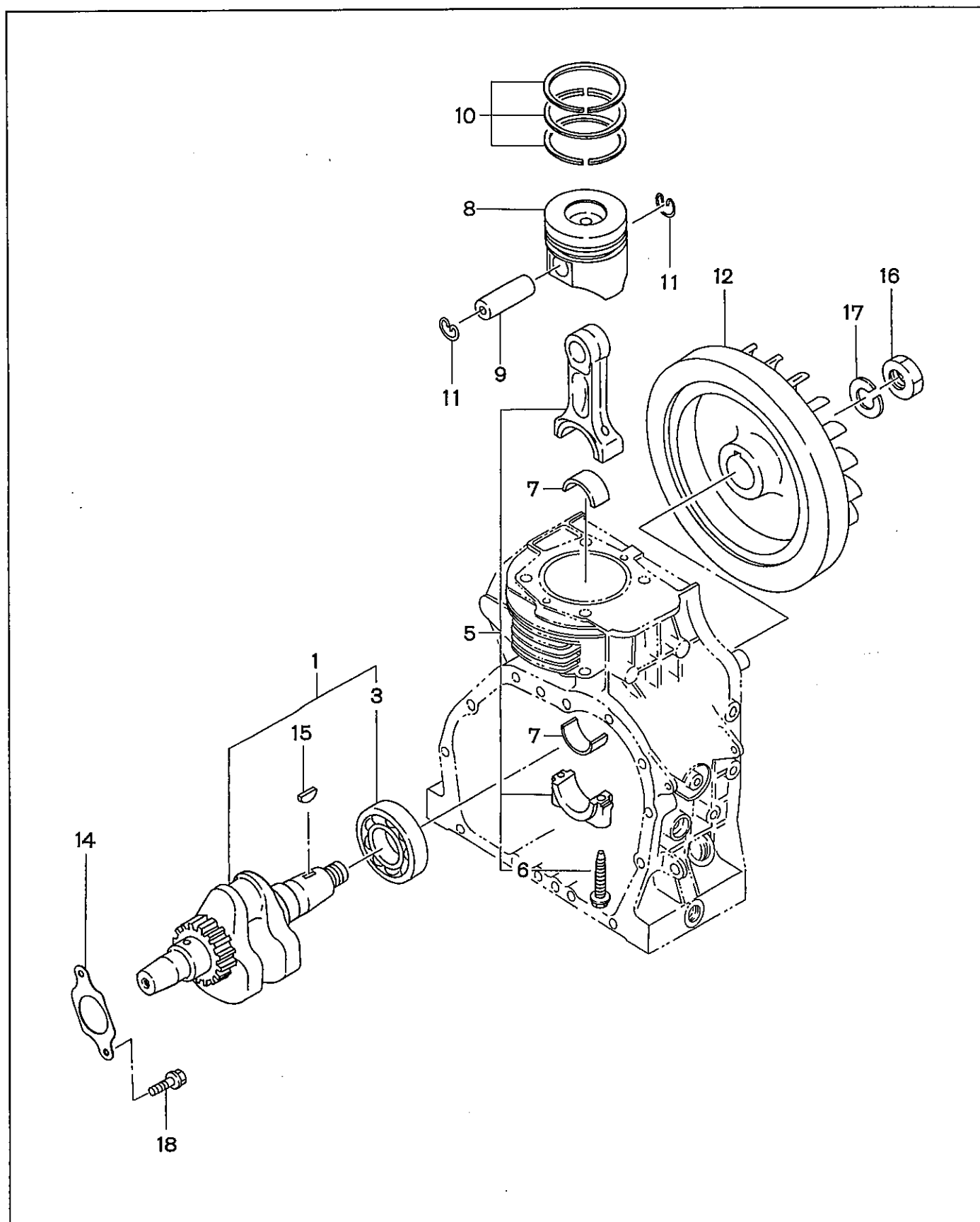
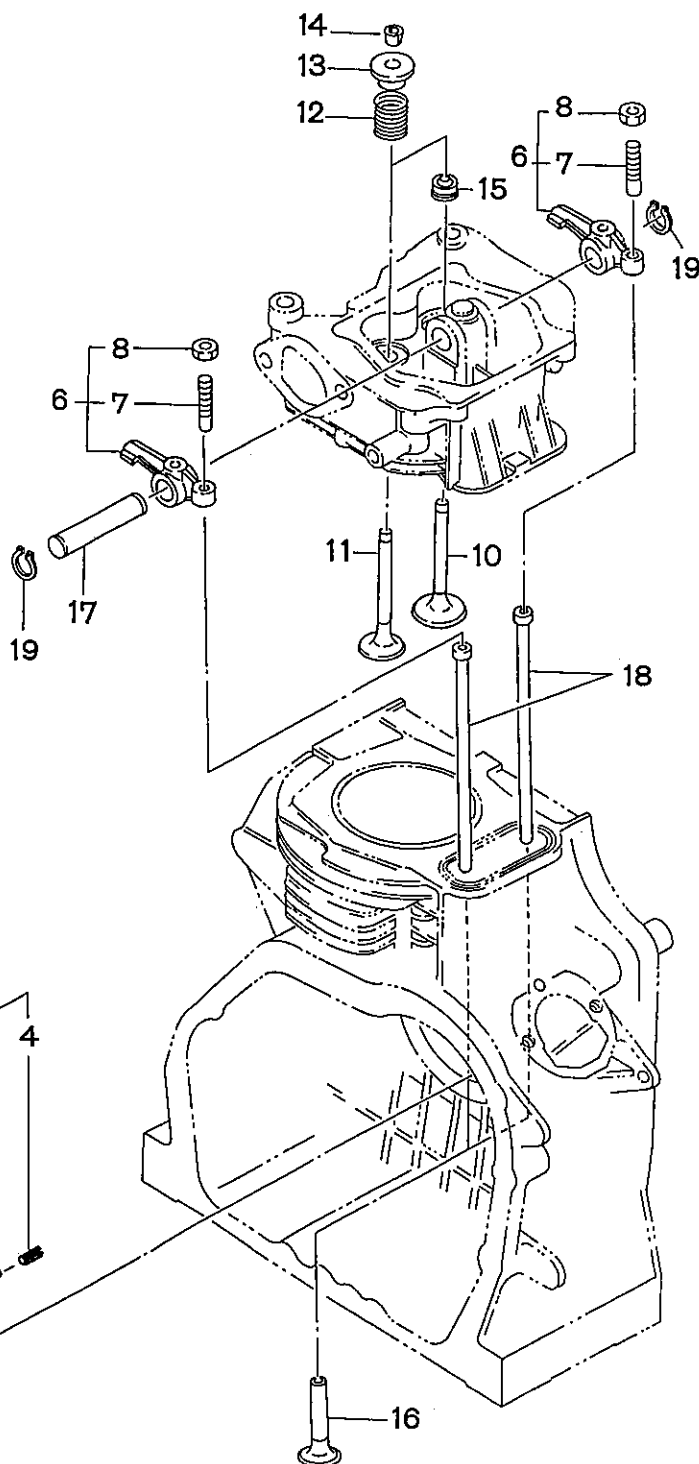
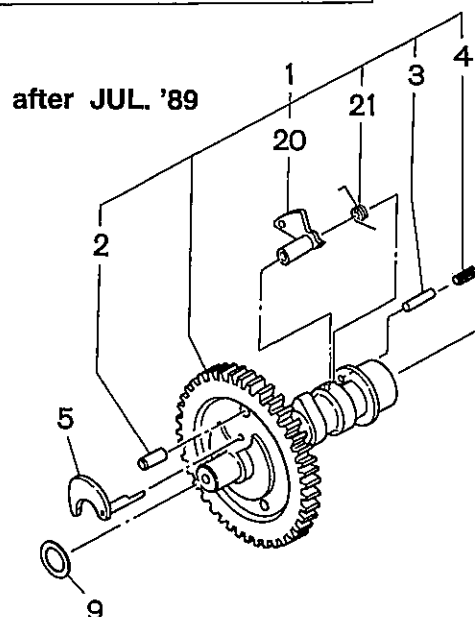
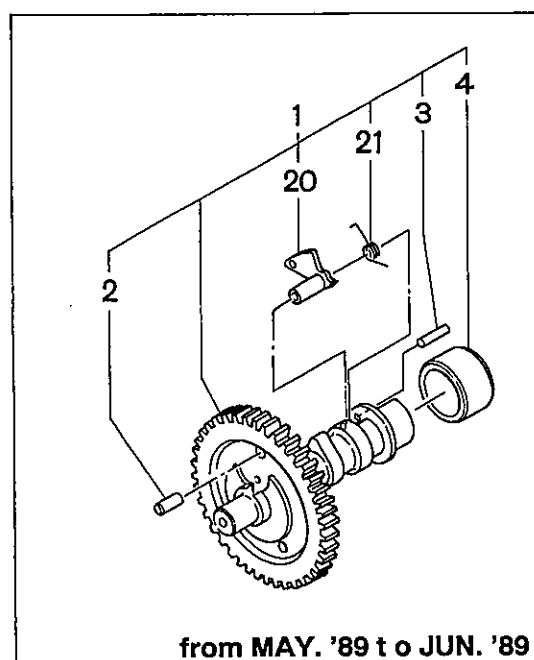
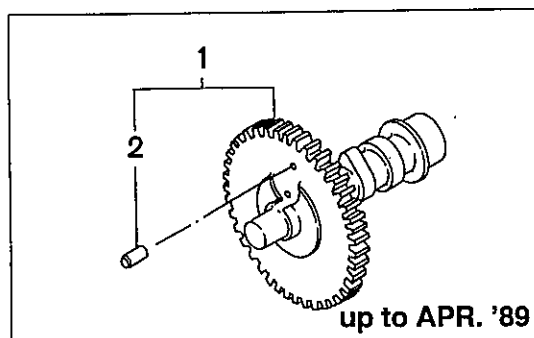


FIG. 6 CRANKSHAFT and PISTON GROUP

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
* 1	244 - 20203 - 11	CRANKSHAFT, compl. Includes item 3	1	✗	
* 1	244 - 20203 - 01	CRANKSHAFT, compl. Includes item 3	1		
3	060 - 03500 - 20	BALL BEARING	1	✗	
3	060 - 03500 - 10	BALL BEARING	1		
* 5	243 - 22510 - 00	CONNECTING ROD ASS'Y Includes item 6	1	FOVO	
* 5	243 - 22501 - 10	CONNECTING ROD ASS'Y Includes item 6	1		
* 5	243 - 22501 - 00	CONNECTING ROD ASS'Y Includes item 6	1		
6	243 - 23002 - 03	CONNECTING ROD BOLT	2	✗	
6	243 - 23001 - 03	CONNECTING ROD BOLT	2		
7	243 - 22801 - 03	LARGE END BEARING, STD.	2	FOVO	
7	243 - 22802 - 03	LARGE END BEARING, under size 0.25mm	2		
7	243 - 22803 - 03	LARGE END BEARING, under size 0.50mm	2		
8	244 - 23404 - 13	PISTON, STD.	1	FOVO	
8	244 - 23404 - 03	PISTON, STD.	1		
8	244 - 23401 - 03	PISTON, STD.	1	FOVO	
8	244 - 23402 - 13	PISTON, over size 0.25mm	1		
8	244 - 23402 - 03	PISTON, over size 0.25mm	1	FOVO	
8	244 - 23403 - 13	PISTON, over size 0.50mm	1		
8	244 - 23403 - 03	PISTON, over size 0.50mm	1	FOVO	
9	243 - 23301 - 03	PISTON PIN	1		
10	244 - 23501 - 27	PISTON RING SET, STD.	1	✗	
10	244 - 23501 - 17	PISTON RING SET, STD.	1		
10	244 - 23501 - 07	PISTON RING SET, STD.	1	FOVO	
10	244 - 23502 - 27	PISTON RING SET, over size 0.25mm	1		
10	244 - 23502 - 17	PISTON RING SET, over size 0.25mm	1	FOVO	
10	244 - 23502 - 07	PISTON RING SET, over size 0.25mm	1		
10	244 - 23503 - 27	PISTON RING SET, over size 0.50mm	1	✗	
10	244 - 23503 - 17	PISTON RING SET, over size 0.50mm	1		
10	244 - 23503 - 07	PISTON RING SET, over size 0.50mm	1	FOVO	
11	056 - 52000 - 30	CLIP	2		
12	243 - 22410 - 13	FLYWHEEL For Recoil starter	1	FOVO	
12	244 - 22410 - 03	FLYWHEEL For Recoil starter	1		
12	243 - 22410 - 03	FLYWHEEL For Recoil starter	1	FOVO	
14	243 - 25001 - 03	THRUST WASHER (t = 0.8)	1		
14	243 - 25002 - 03	THRUST WASHER (t = 1.0) — select one piece only	1	FOVO	
14	243 - 25003 - 03	THRUST WASHER (t = 1.2)	1		
15	032 - 30300 - 10	WOODRUFF KEY	1	FOVO	
16	002 - 18180 - 00	NUT	1		
17	003 - 20180 - 00	SPRING WASHER	1	FOVO	
18	011 - 00600 - 10	FLANGE BOLT	2		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

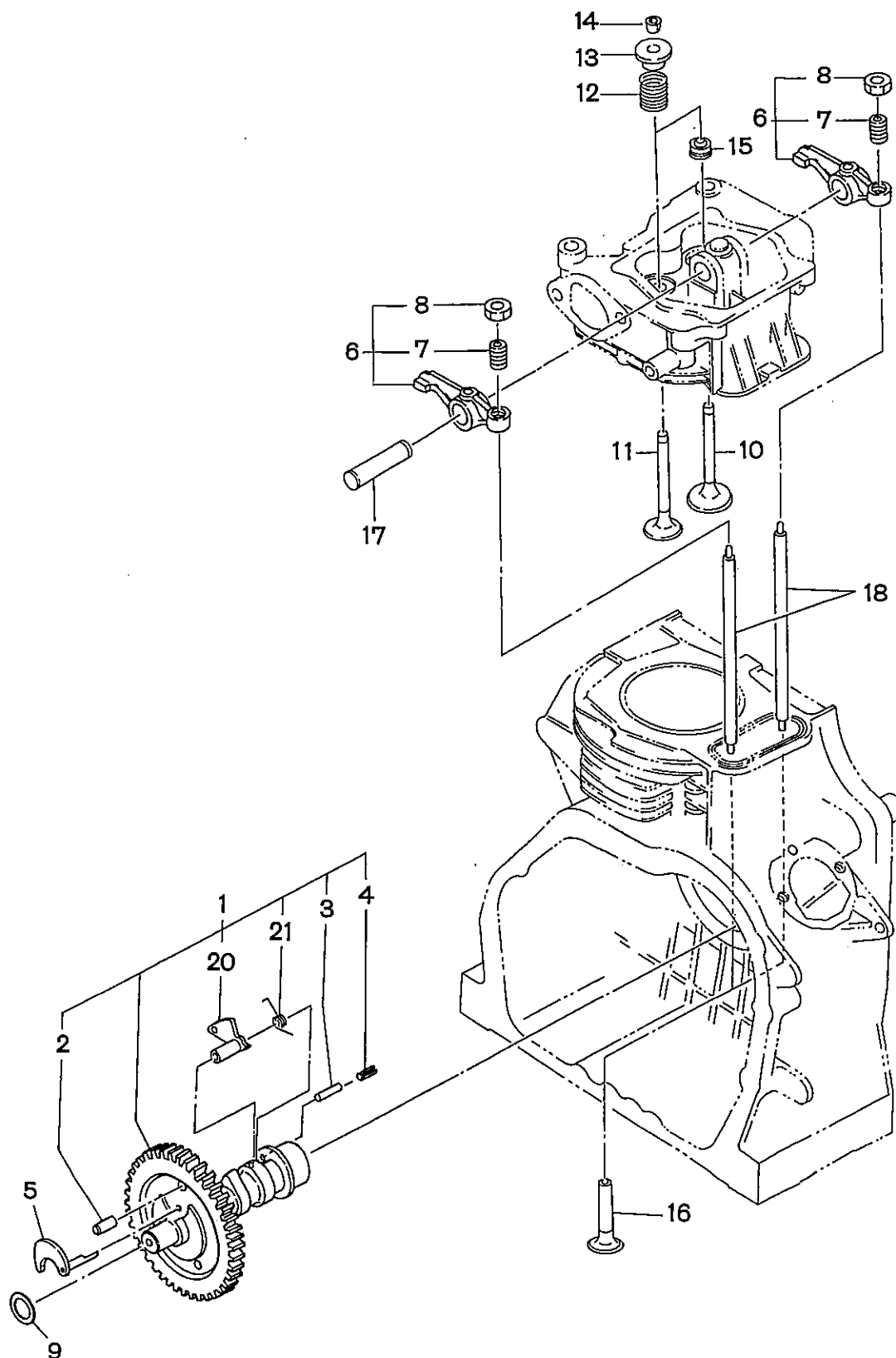
**FIG. 7-1 CAMSHAFT and VALVE ROCKER GROUP
(UP TO MAR. '92)**



Interchangeability

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

**FIG. 7-2 CAMSHAFT and VALVE ROCKER GROUP
(AFTER APR. '92)**



Interchangeability

✱✱

- 130 -

FIG. 8 AIR CLEANER and MUFFLER GROUP

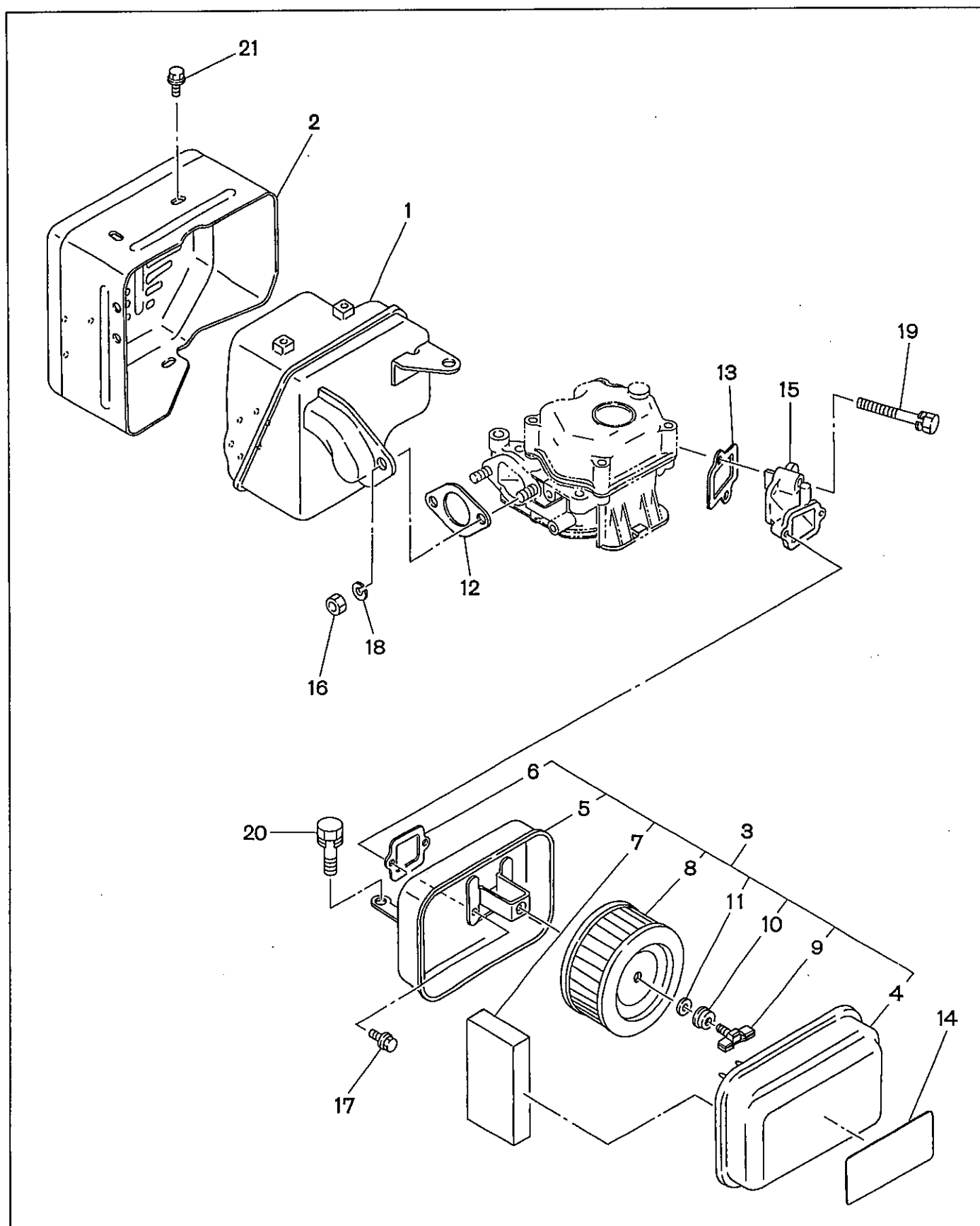


FIG. 8 AIR CLEANER and MUFFLER GROUP

[illegible]

When ordering parts : Always give the Model, Specification and Serial Number of Generator.

FIG. 9 GOVERNOR OPERATION GROUP

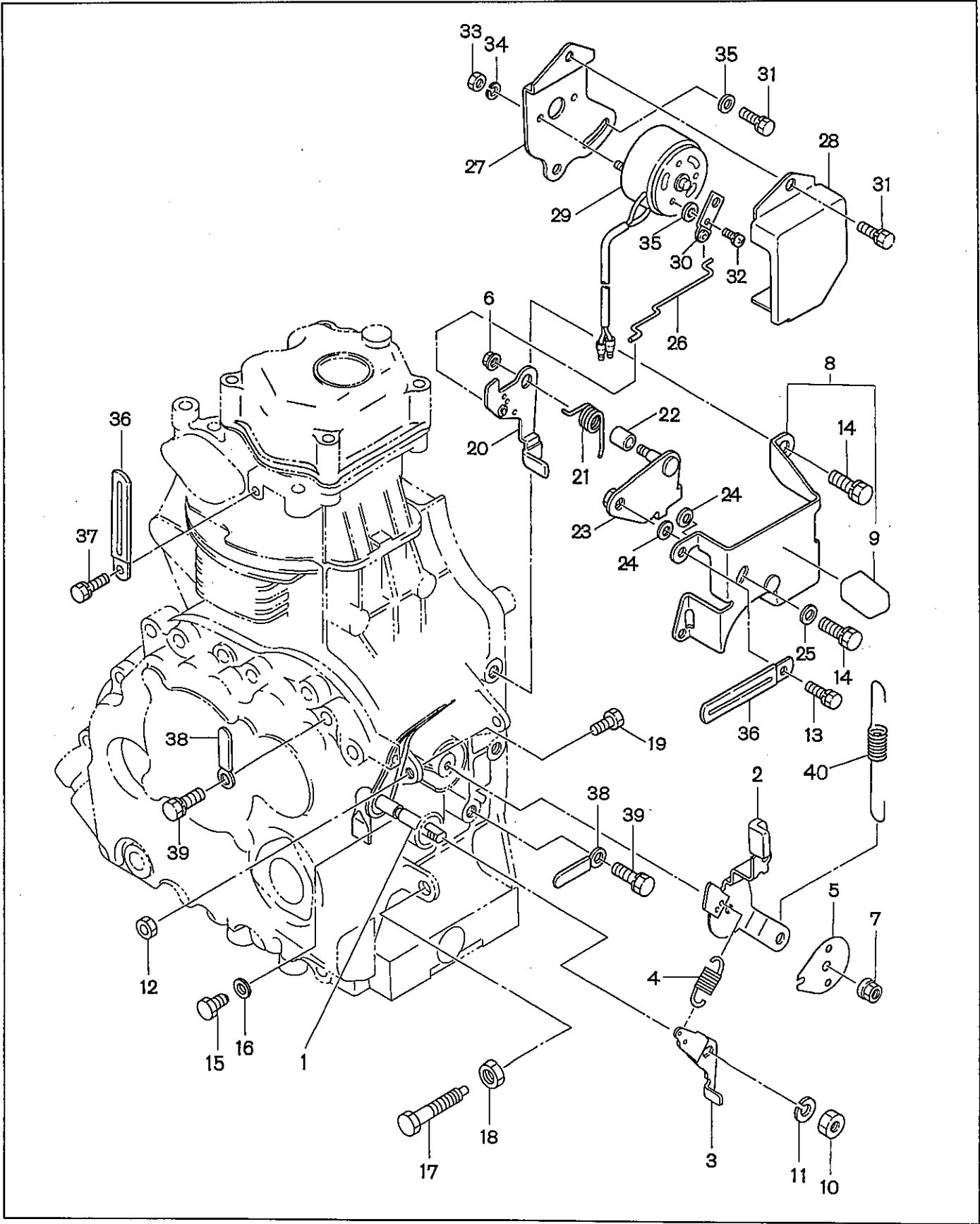


FIG. 9 GOVERNOR OPERATION GROUP

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
1	243 - 42301 - 12	GOVERNOR LEVER UNIT	1	PO	
1	243 - 42301 - 02	GOVERNOR LEVER UNIT	1		
2	243 - 43302 - 10	SPEED CONTROL ASS'Y	1	PX	
2	243 - 43302 - 00	SPEED CONTROL ASS'Y	1		
3	243 - 42910 - 11	CONTROL LINK	1	PO	
3	243 - 42910 - 01	CONTROL LINK	1		
4	243 - 42502 - 03	GOVERNOR SPRING	1	PO	
5	227 - 43501 - 01	STOP PLATE	1		
6	002 - 38060 - 00	FLANGE NUT	1	PO	
7	017 - 60600 - 30	SELF LOCK NUT	1		
* 8	243 - 40161 - 11	CONTROL PANEL, compl. Includes item 9	1	PO	
* 8	243 - 40161 - 01	CONTROL PANEL, compl. Includes item 9	1		
* 8	243 - 40162 - 11	CONTROL PANEL, compl. Includes item 9 For FRANCE	1	PO	
* 8	243 - 40162 - 01	CONTROL PANEL, compl. Includes item 9 For FRANCE	1		
9	243 - 92105 - 03	LABEL, operation	1	PO	
9	243 - 92106 - 03	LABEL, operation For FRANCE	1		
10	002 - 18080 - 00	NUT	1	PO	
11	003 - 20080 - 00	SPRING WASHER	1		
12	002 - 18060 - 00	NUT	2	PO	
13	001 - 13061 - 20	BOLT and WASHER ASS'Y	2		
14	001 - 13081 - 60	BOLT and WASHER ASS'Y	3	PO	
15	243 - 45002 - 03	BOLT	1		
16	003 - 10060 - 00	WASHER	1	PO	
17	243 - 45501 - 10	SMOKE SET ASS'Y	1		
18	002 - 27100 - 00	NUT	1	PO	
18	002 - 24100 - 00	NUT	1		
19	001 - 65061 - 20	BOLT	1	PO	
20	243 - 45701 - 20	STOP LEVER ASS'Y	1		
20	243 - 45701 - 10	STOP LEVER ASS'Y	1	PX	
21	243 - 46002 - 03	RETURN SPRING	1		
22	243 - 45010 - 01	SPACER	1	PX	
22	023 - 00801 - 20	SPACER	1		
23	243 - 47001 - 11	BRACKET, stop lever, compl.	1	PX	
23	243 - 47001 - 01	BRACKET, stop lever, compl.	1		
24	003 - 11080 - 00	WASHER	2	PO	
24	021 - 70800 - 10	FRICTION WASHER	2		
25	003 - 11080 - 00	WASHER	1	PO	
25	003 - 10080 - 00	WASHER	1		
26	243 - 45004 - 03	CONTROL ROD For Oil sensor type	1		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

FIG. 9 GOVERNOR OPERATION GROUP

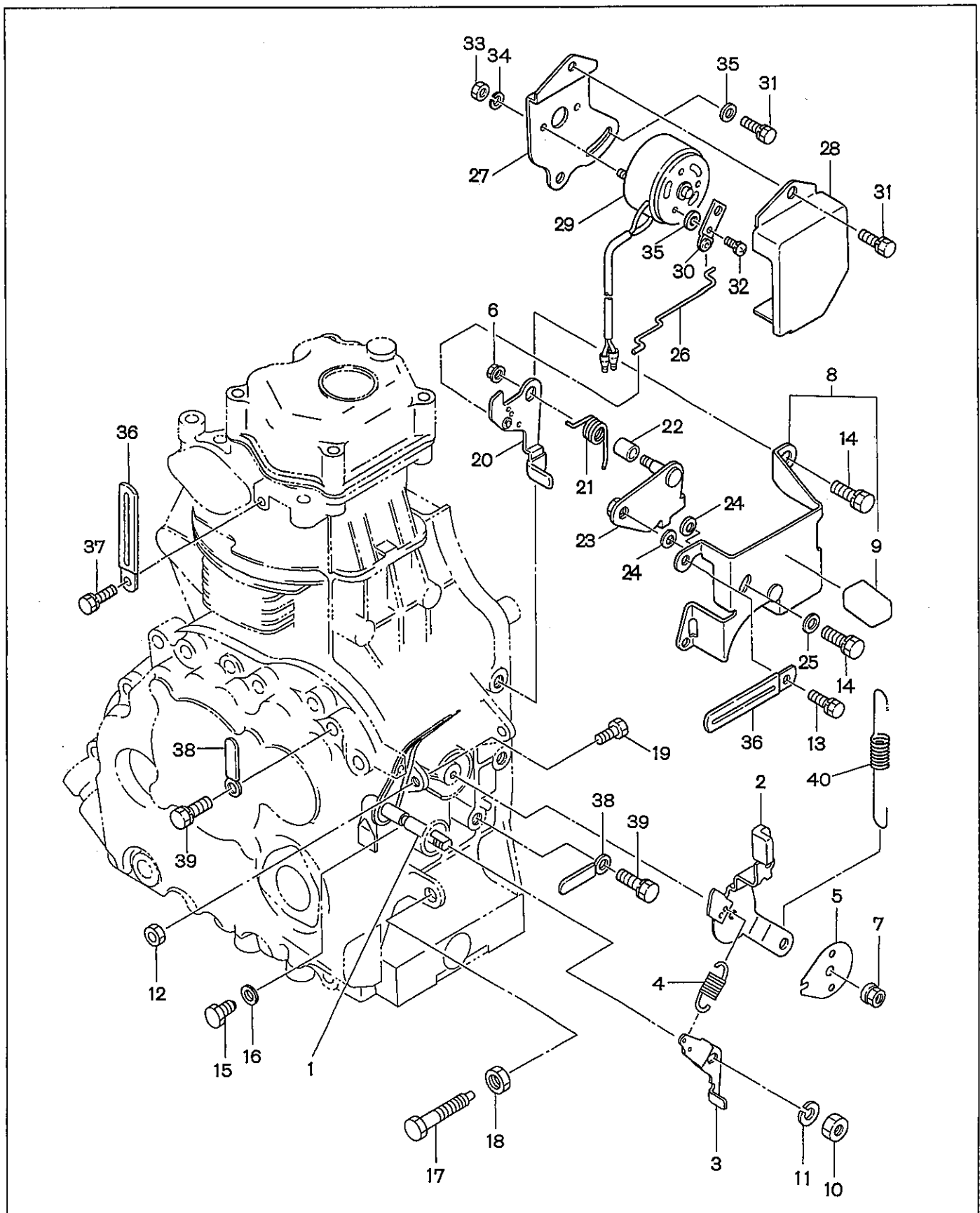
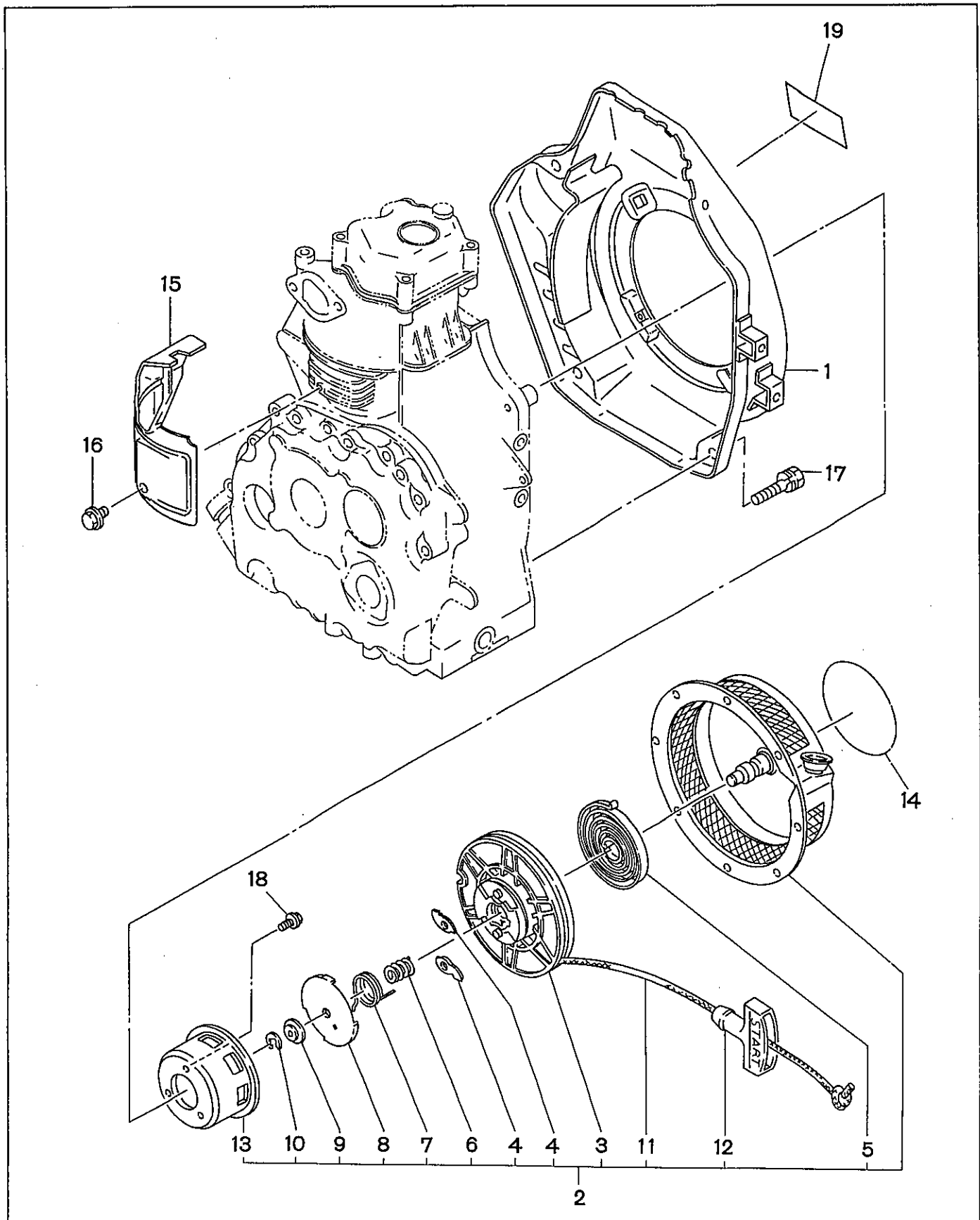


FIG. 9 GOVERNOR OPERATION GROUP

[illegible]

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

FIG. 10 BLOWER HOUSING and RECOIL STARTER GROUP



Interchangeability

Interchangeability

Interchangeability

FIG. 11 FUEL SYSTEM GROUP

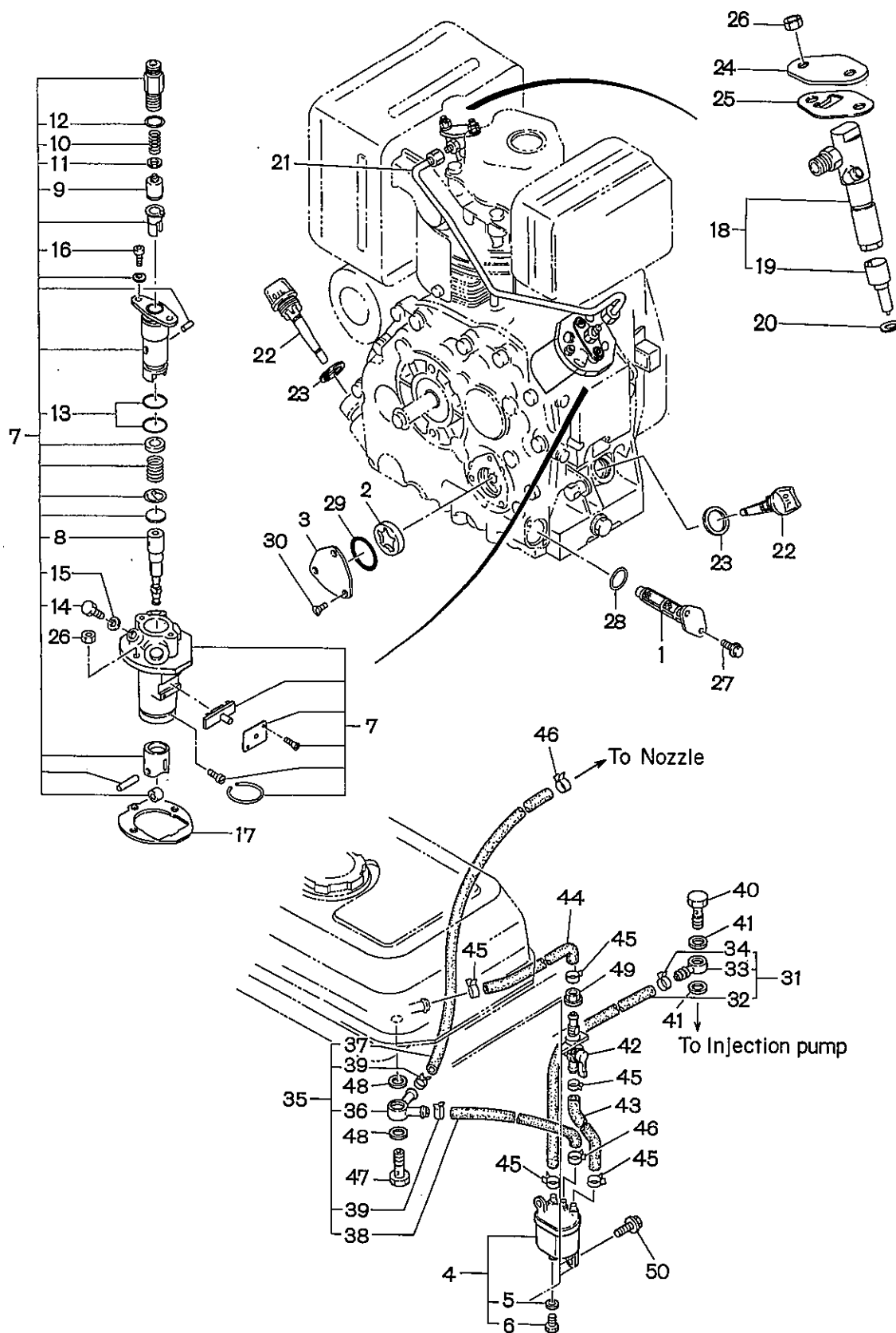


FIG. 11 FUEL SYSTEM GROUP

Ref. No.	Parts Number	Description	Q'ty	Interchangeability	
					Execution
1	243 - 64301 - 00	OIL FILTER ASS'Y	1		
2	228 - 63902 - 03	OIL PUMP, outer	1		
3	243 - 66020 - 01	COVER, oil pump	1		
* 4	243 - 62101 - 20	FUEL FILTER ASS'Y Includes items 5 and 6	1	LOV	
* 4	243 - 62101 - 10	FUEL FILTER ASS'Y Includes items 5 and 6	1		
5	228 - 62112 - 08	PACKING	1		
6	228 - 62111 - 08	PLUG	1		
* 7	243 - 63101 - 20	INJECTION PUMP ASS'Y Includes items 8 thru 16	1	LOV	
* 7	243 - 63101 - 10	INJECTION PUMP ASS'Y Includes items 8 thru 16	1		
* 7	243 - 63101 - 00	INJECTION PUMP ASS'Y Includes items 8 thru 16	1		
8	243 - 63128 - 08	PLUNGER ASS'Y	1	LOV	
8	243 - 63102 - 08	PLUNGER ASS'Y	1	LOV	
9	243 - 63103 - 08	DELIVERY VALVE	1		
10	243 - 63104 - 08	SPRING D. V.	1		
11	243 - 63105 - 08	GASKET	1		
12	243 - 63107 - 08	"O" RING	1		
13	243 - 63129 - 08	"O" RING	2	LOV	
13	243 - 63110 - 08	"O" RING	2		
14	243 - 63124 - 08	BOLT	1		
15	243 - 63125 - 08	GASKET	1		
16	243 - 63130 - 08	SCREW	1		
17	243 - 65001 - 03	GASKET, injection pump (t = 0.1)	1	select one	
17	243 - 65002 - 03	GASKET, injection pump (t = 0.2)	1		
17	243 - 65003 - 03	GASKET, injection pump (t = 0.3)	1		
* 18	243 - 63202 - 00	NOZZLE ASS'Y Includes item 19	1		
19	243 - 63204 - 08	NOZZLE	1		
20	228 - 65004 - 03	GASKET, nozzle	1		
21	243 - 63301 - 21	INJECTION PIPE, compl.	1	LOV	
21	243 - 63301 - 11	INJECTION PIPE, compl.	1		
21	243 - 63301 - 01	INJECTION PIPE, compl.	1		
22	214 - 63601 - 13	OIL GAUGE	2	LOV	
22	224 - 63601 - 03	OIL GAUGE	2		
23	021 - 32000 - 10	GASKET	2		
24	243 - 66001 - 01	BRACKET, nozzle 1	1		
25	243 - 66010 - 03	BRACKET, nozzle 2	1		up to SEP. '91
26	002 - 38060 - 00	FLANGE NUT	4		
27	001 - 14061 - 60	BOLT and WASHER ASS'Y	2	LOV	
27	011 - 00600 - 20	FLANGE BOLT	2		
28	006 - 26202 - 00	"O" RING	1		
29	006 - 26103 - 30	"O" RING	1		
30	004 - 11061 - 60	SCREW	3		

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

FIG. 11 FUEL SYSTEM GROUP

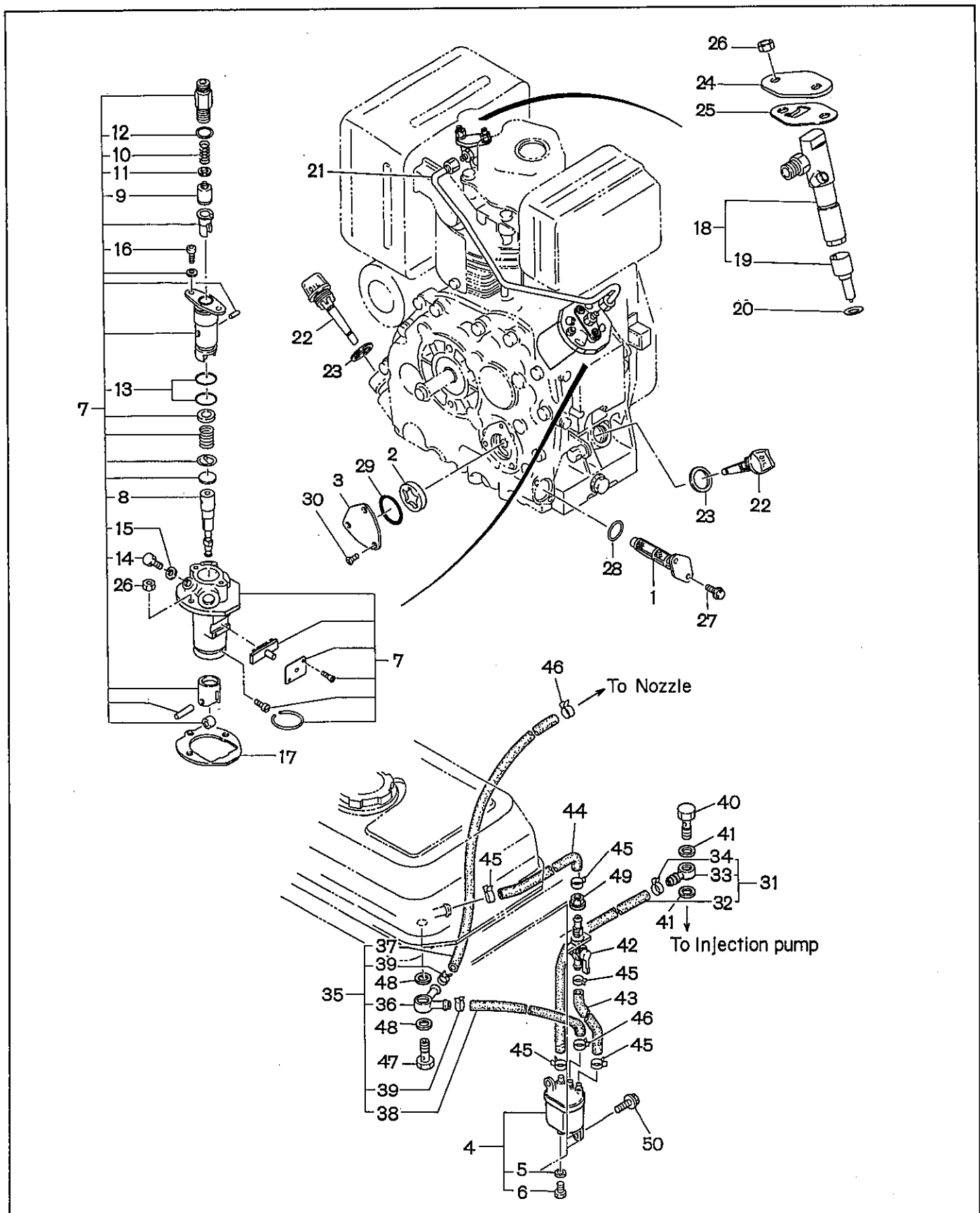


FIG. 11 FUEL SYSTEM GROUP

[illegible]

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

FIG. 12 ELECTRICAL EQUIPMENT GROUP

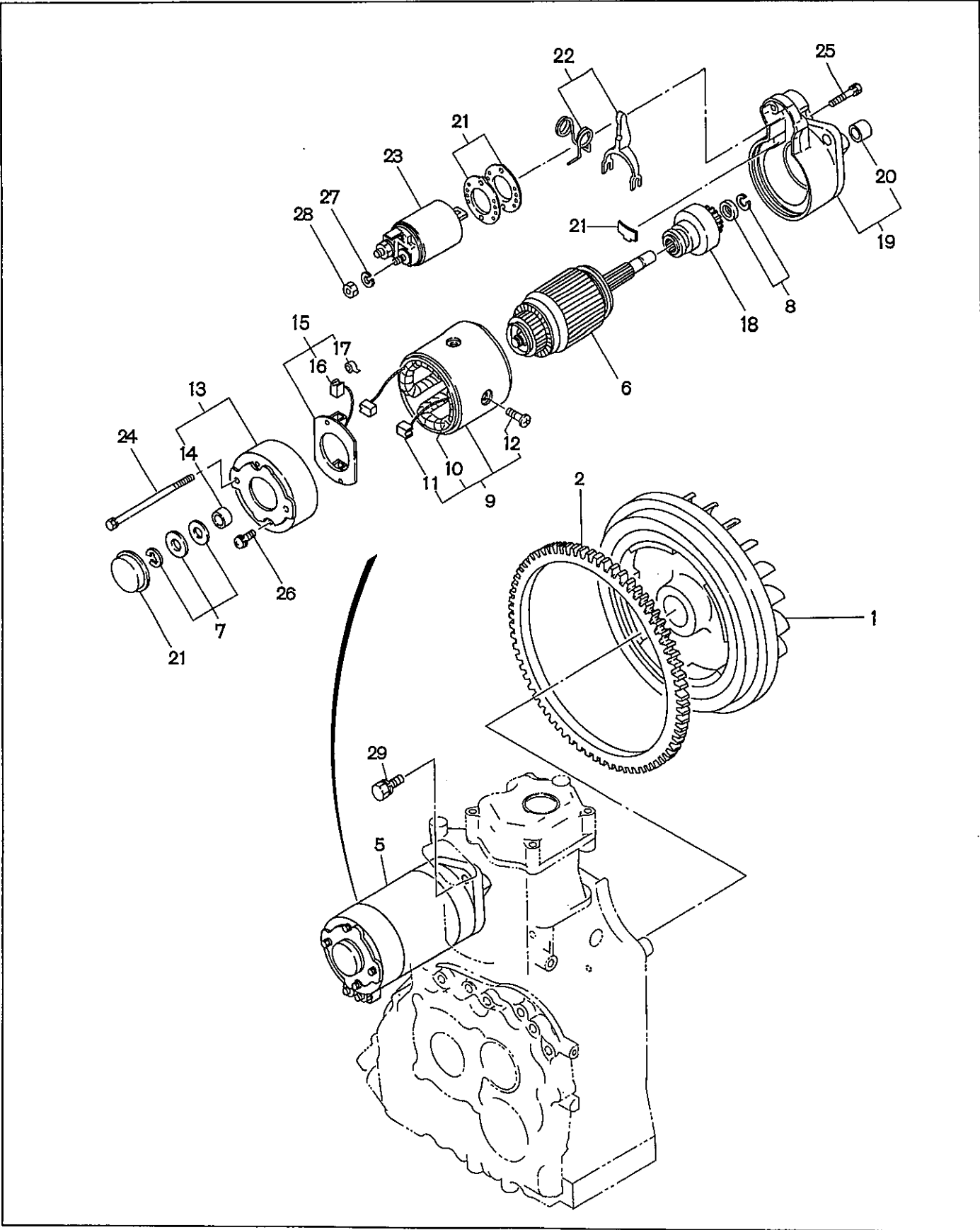


FIG. 12 ELECTRICAL EQUIPMENT GROUP

[illegible]

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

FIG. 13 ACCESSORY GROUP

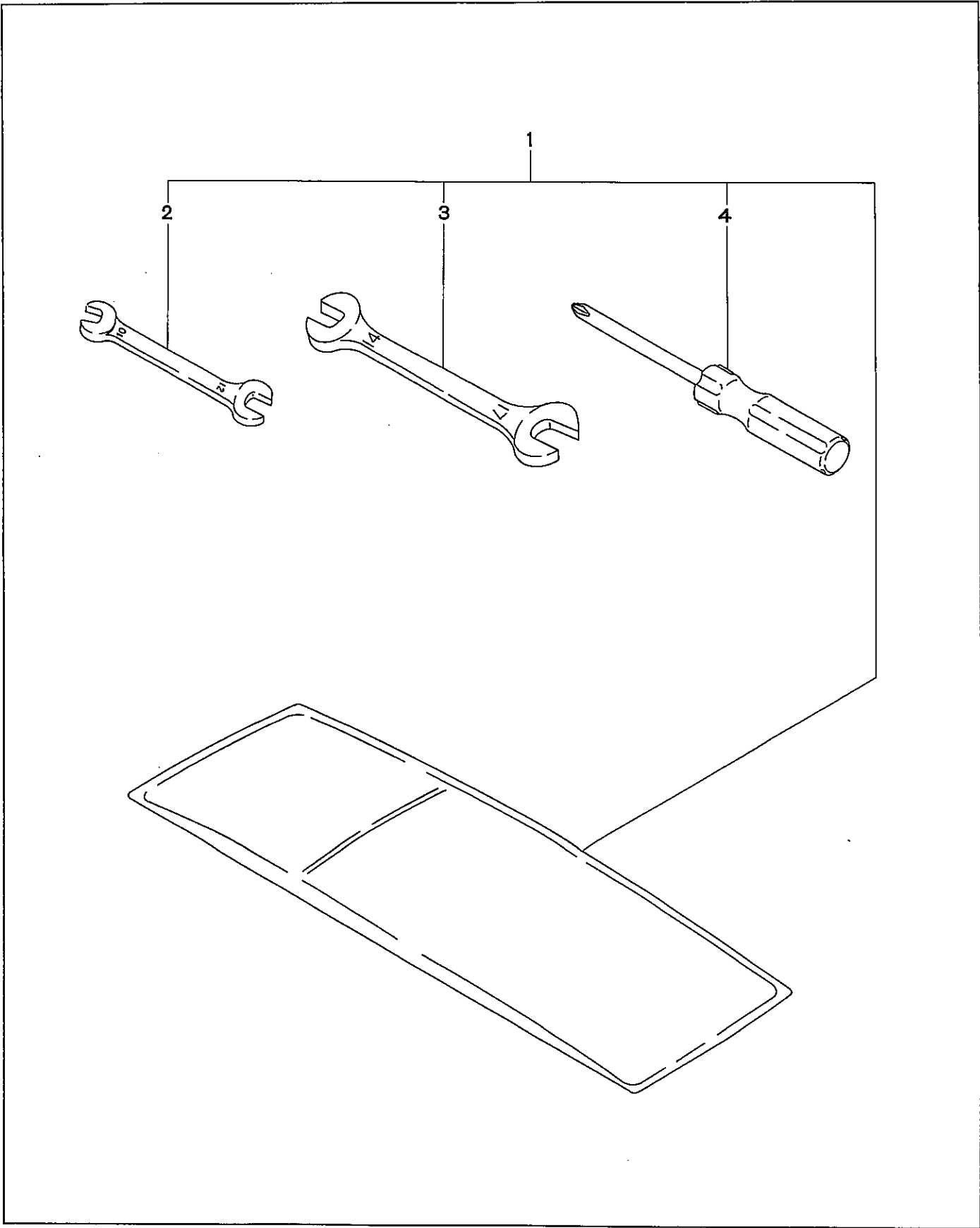
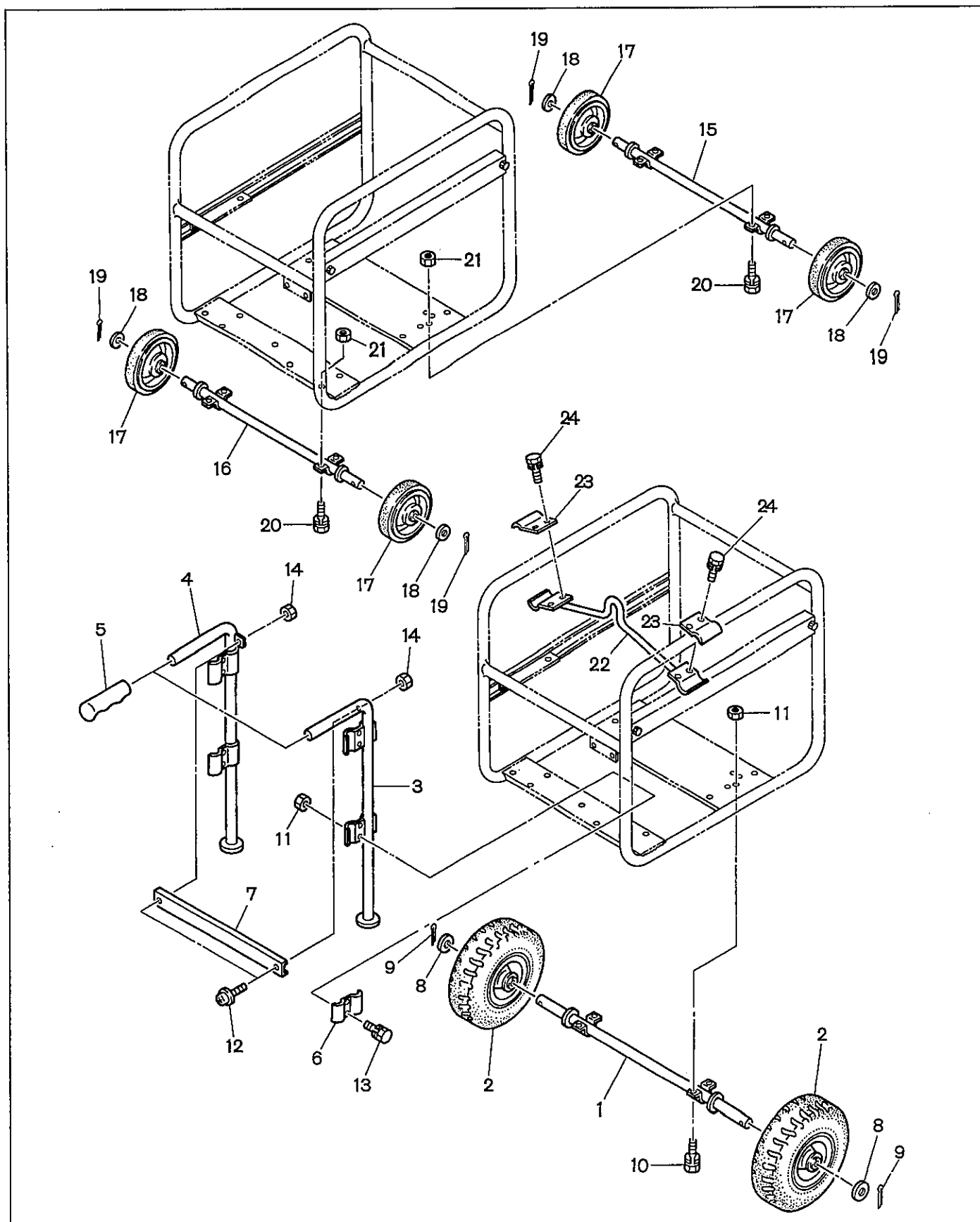


FIG. 13 ACCESSORY GROUP

[illegible]

When ordering parts ; Always give the Model, Specification and Serial Number of Generator.

FIG. 14 WHEEL, HANDLE and HANGER(OPTIONAL PARTS)



Interchangeability

Interchangeability

Interchangeability