

Hitachi Power Tools

SERVICE MANUAL

LIST Nos.
DH 24PG: F420
DH 26PB: F417
DH 28PBY: F414
May 2013

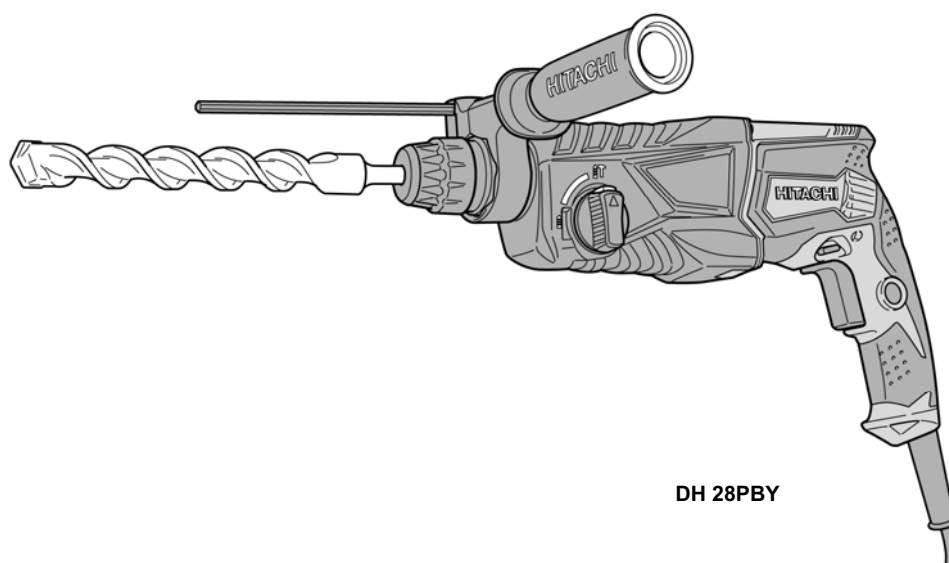
PRODUCT NAME.....

Hitachi Rotary Hammer

Models DH 24PG
DH 26PB
DH 28PBY

D

CONTENTS	Page
REPAIR GUIDE	1
1. Precautions on disassembly and reassembly	1
STANDARD REPAIR TIME (UNIT) SCHEDULES	19



DH 28PBY

HITACHI

 **Hitachi Koki Co., Ltd.**
Sales Division

REPAIR GUIDE

Be sure to disconnect the power cord plug from the power supply before conducting repair. Otherwise, the motor may suddenly turn on, posing a very dangerous situation.

1. Precautions on disassembly and reassembly

(Bold) numbers in the descriptions below correspond to item numbers in the Parts List and exploded assembly diagram for the Model DH 24PG, **<Bold>** numbers to those for the Model DH 26PB, and **{Bold}** numbers to those for the Model DH 28PBY. **[Bold]** numbers correspond to item numbers for the Models DH 24PG, DH 26PB, and DH 28PBY.

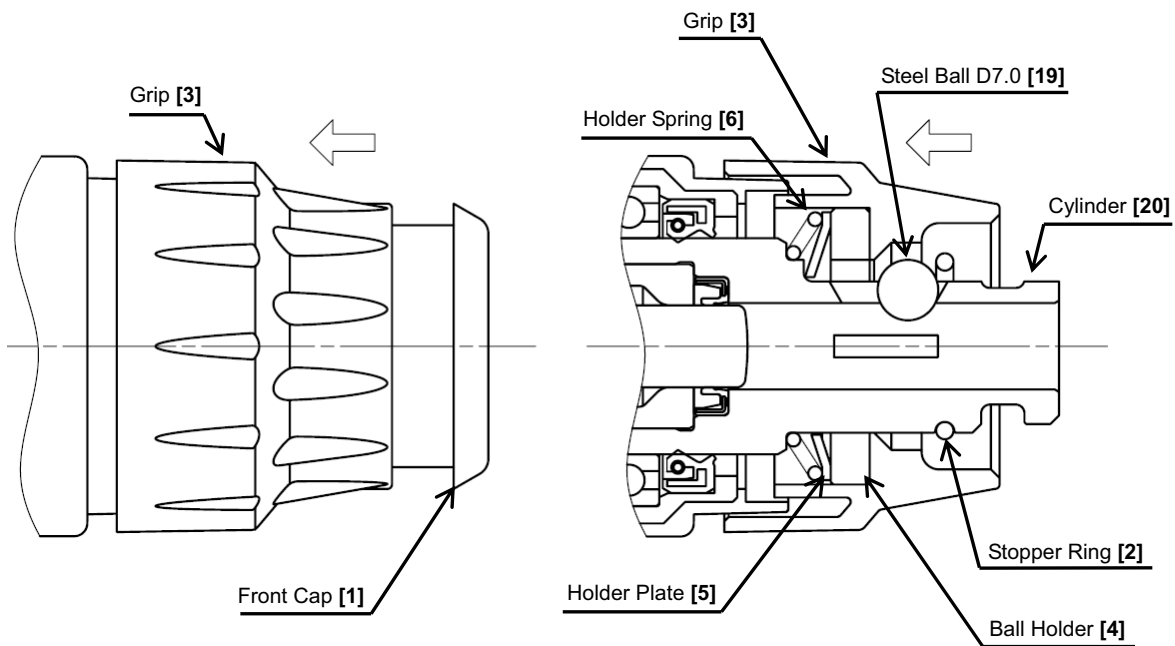
Disassembly

1. Disassembling the tool retainer ass'y

Fully pull the Grip **[3]** in the arrow direction and detach the Front Cap **[1]**.

Then use the retaining ring puller to remove the Stopper Ring **[2]**, while pulling the Grip **[3]** in the arrow direction. You can now detach the Grip **[3]**, Ball Holder **[4]**, Steel Ball D7.0 **[19]**, Holder Plate **[5]**, and Holder Spring **[6]** from the Cylinder **[20]**.

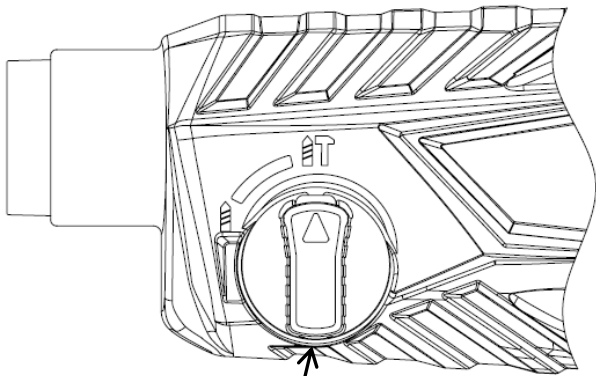
Fig. 1 • Disassembling the tool retainer ass'y



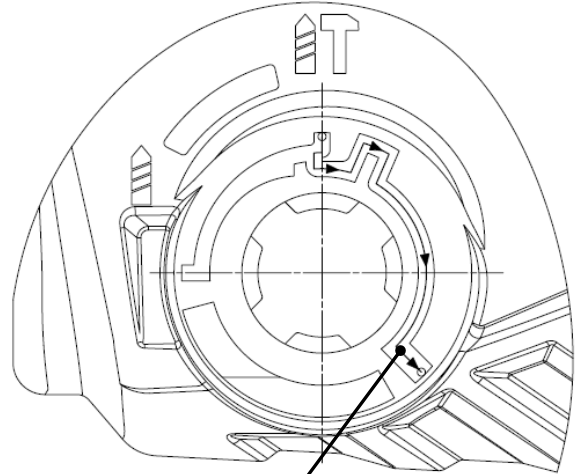
2. Removing the change lever

Push in the Pushing Button [11] at the "Rotation + Hammering" (**IT** mark) position, turn the Change Lever (13)<12>{12} counterclockwise a little, and then fully push in the Pushing Button [11]. In this state, turn the Change Lever (13)<12>{12} clockwise. When the lever stops, release the Pushing Button [11] and then turn the Change Lever (13)<12>{12} clockwise. When the lever stops again, push in the Pushing Button [11] and then turn the Change Lever (13)<12>{12} clockwise once more. At this position, pry up the Change Lever (13)<12>{12} in order to remove it.

Fig. 2 • Removal of the change lever



Change Lever (13)<12>{12}



Pushing Button [11] pin route

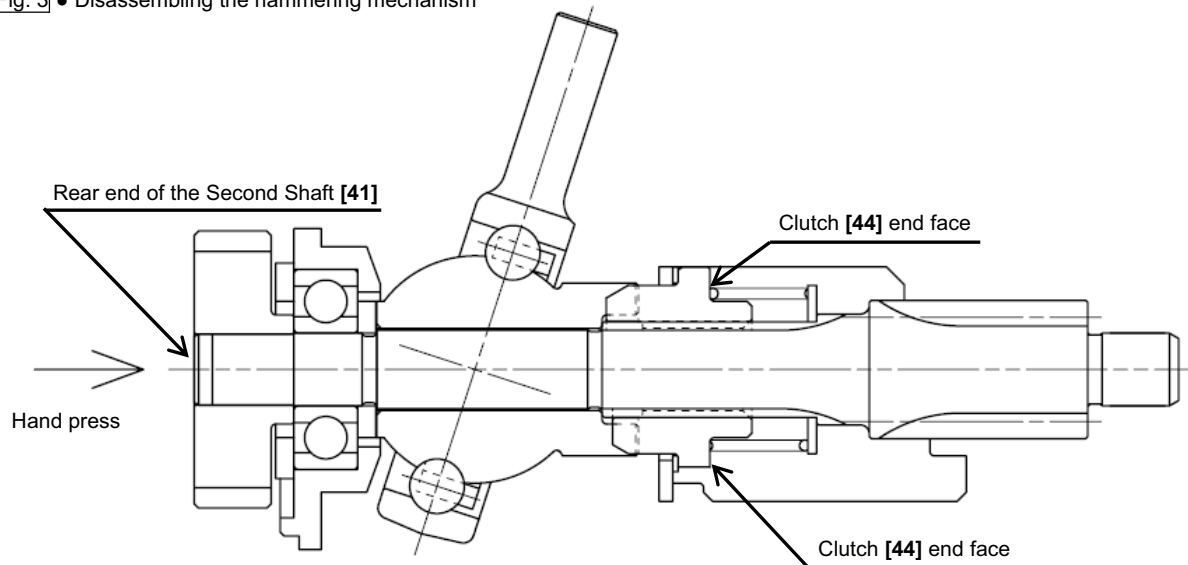
3. Disassembling the hammering mechanism

Use a drill bit or screwdriver to push in the Second Hammer [30], and then remove the Striker [36] that is chucked by O-ring (C)[33]. Remove the Tapping Screw (W/Flange) D5 x 35 (66)<66>{76} from the Housing (65)<65>{75} and then detach the Gear Cover [7]. Do not let the Inner Cover [53] come off from the Housing (65)<65>{75}. Otherwise, the Armature (59)<59>{65} will come off together with the Inner Cover [53], thereby damaging its carbon brushes and the commutator.

Remove the Seal Lock Hex. Socket Hd. Bolt M5 x 16 [48] from the Bearing Holder [49], rotate the Second Shaft [41] to allow the Piston [38] to reach the top dead point (towards the Inner Cover [53]). The Reciprocating Bearing [47] arm comes off from the Piston Pin [39] and parts on the Second Shaft [41] come off together from the Inner Cover [53]. The Seal Lock Hex. Socket Hd. Bolt M5 x 16 [48] loses its bonding force when disassembled. Accordingly, it must be replaced by a new one when reassembled.

Hold the end face of the Clutch [44] as shown below, use a hand press to push the rear end of the Second Shaft [41] in order to push out the First Gear [51], Bearing Cover [50], Ball Bearing 608VVC2PS2L [17], Bearing Holder [49], Bearing Washer [18], Reciprocating Bearing [47], Clutch [44], Change Plate [46], Washer [45], Clutch Spring [43], and Washer (C) [42] from the Second Shaft [41]. Note that the First Gear [51] is press-fitted to the rear end of the Second Shaft [41] for alignment.

Fig. 3 • Disassembling the hammering mechanism



4. Disassembling the cylinder ass'y

(1) Disassembly of the slip clutch ass'y

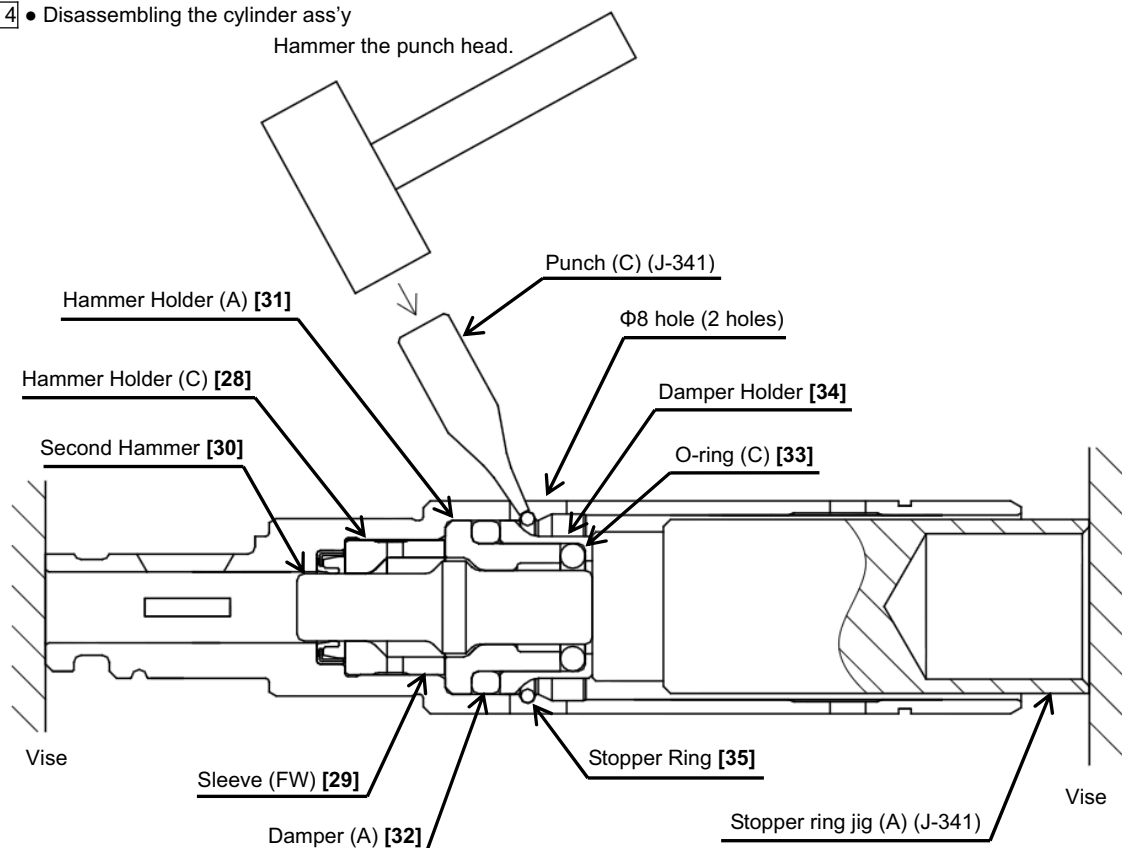
Remove the tool retainer ass'y and pull out the Cylinder [20] ass'y from the Gear Cover [7]. Remove Washer (A) [25] from the Cylinder [20] and then use the retaining ring puller to pull out the Retaining Ring for D30 Shaft [26]. Washer (A) [25], Spring (A) [24], the Second Gear [23], Cylinder Clutch [22], and Pin D2.5 [21] can now be removed from the Cylinder [20].

(2) Disassembly of the cylinder inside

Insert stopper ring jig (A) (J-341) into the Cylinder [20] from the non-hole side as shown in Fig. 4 until it contacts the end of the Damper Holder [34]. Clamp the ends of the Cylinder [20] and stopper ring jig (A) (J-341) with a vise to compress Damper (A) [32]. (Push the Stopper Ring [35] with punch (C) (J-341) and make sure it moves a little.) In this state, insert punch (C) (J-341) into each of the two $\Phi 8$ holes on the Cylinder [20]. Hammer the punch head to give force to the periphery of the Stopper Ring [35] in order to detach the ring from the bore groove of the Cylinder [20]. Fully hammer along the periphery of the Stopper Ring [35] until the Stopper Ring [35] disappears from the two $\Phi 8$ holes.

Then unclamp the Cylinder [20] from the vise and use ring puller jig (B) (J-341) to pull out the Stopper Ring [35] from the inner circumference of the Cylinder [20]. Be careful not to let the Stopper Ring [35] pop out. Once the Stopper Ring [35] is detached from the Cylinder [20], Hammer Holder (C) [28], Sleeve (FW) [29], the Second Hammer [30], Hammer Holder (A) [31], Damper (A) [32], O-ring (C) [33], and the Damper Holder [34] can be removed from the Cylinder [20]. Here the Stopper Ring [35] is deformed by disassembly and must be replaced by a new one when reassembled. Replace O-ring (C) [33] with a new one at each disassembly to prevent dry firing.

Fig. 4 • Disassembling the cylinder ass'y

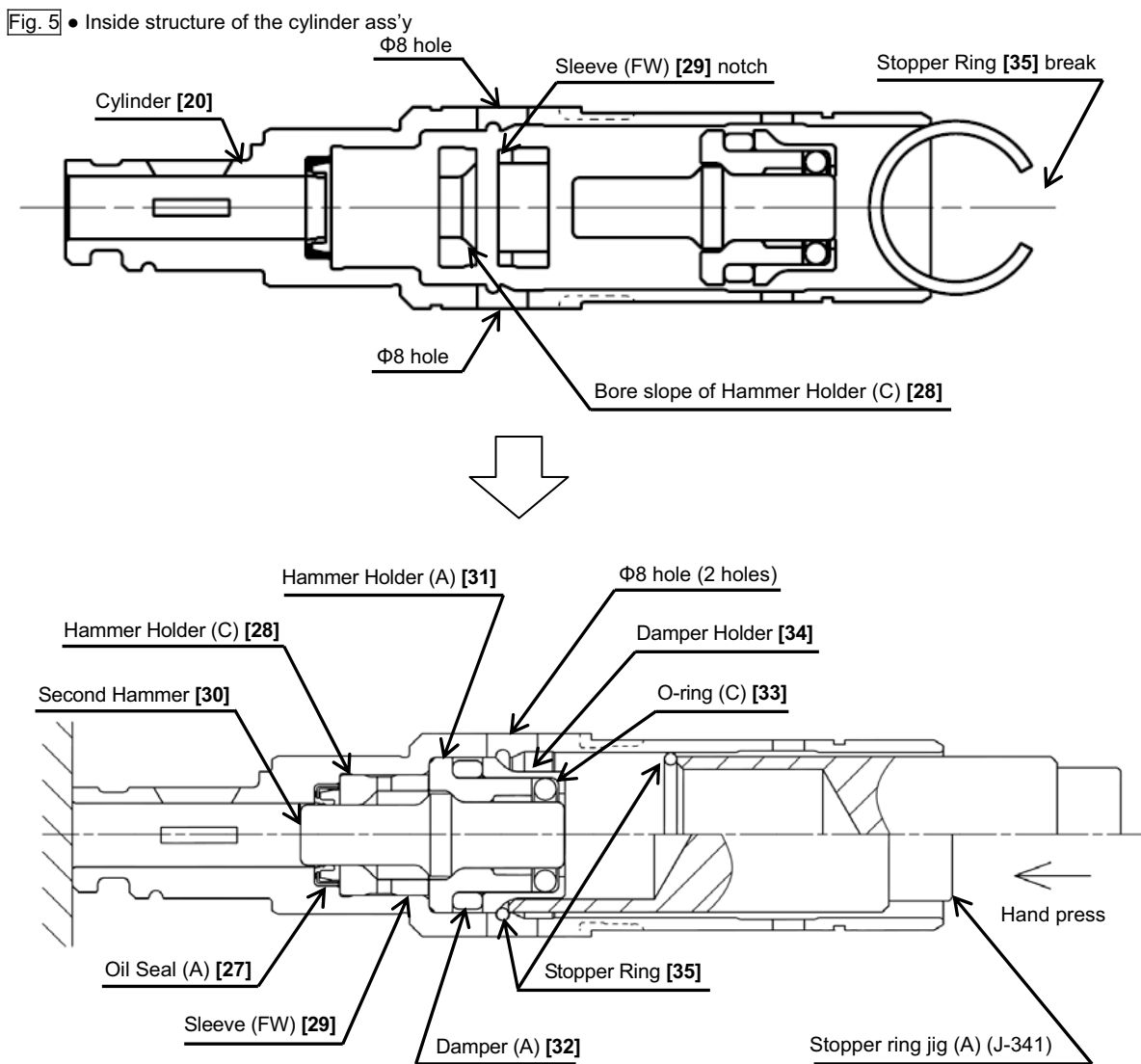


Reassembly

Reassembly can generally be conducted by reversing the disassembly procedure. However, special attention should be given to the following items.

1. Reassembling the cylinder ass'y

Insert the set of Hammer Holder (C) [28], Sleeve (FW) [29], the Second Hammer [30], Hammer Holder (A) [31], Damper (A) [32], O-ring (C) [33], and the Damper Holder [34] into the Cylinder [20] to which Oil Seal (A) [27] is press-fitted. (Do not reverse the seal orientation.) (Assemble with the bore slope of Hammer Holder (C) [28] set at the rear end and with the Sleeve (FW) [29] notch set at the front end as shown in Fig. 5. Do not reverse the assembly order.) Push a new Stopper Ring [35] into the Cylinder [20] with the break of the Stopper Ring [35] facing away from the $\Phi 8$ hole on the Cylinder [20] as shown in Fig. 5. With the ring break facing toward the $\Phi 8$ hole, the cylinder assembly is difficult to disassemble. Note the $\Phi 8$ hole on the Cylinder [20] and correctly orient the Stopper Ring [35] as shown in Fig. 5 when pushing in. Insert stopper ring jig (A) (J-341) from the hole side and use a hand press to press against the upper end of the jig until the Stopper Ring [35] is fitted into the bore groove of the Cylinder [20]. Confirm that the Stopper Ring [35] is fit securely into the bore groove of the Cylinder [20] through the two $\Phi 8$ holes on the periphery of the Cylinder [20].



2. Press-fitting the first gear

Match the end of the First Gear [51] with the rear end of the Second Shaft [41] and then press-fit. After press-fitting the First Gear [51], confirm that the inner ring of the Reciprocating Bearing [47] shaft rotates smoothly.

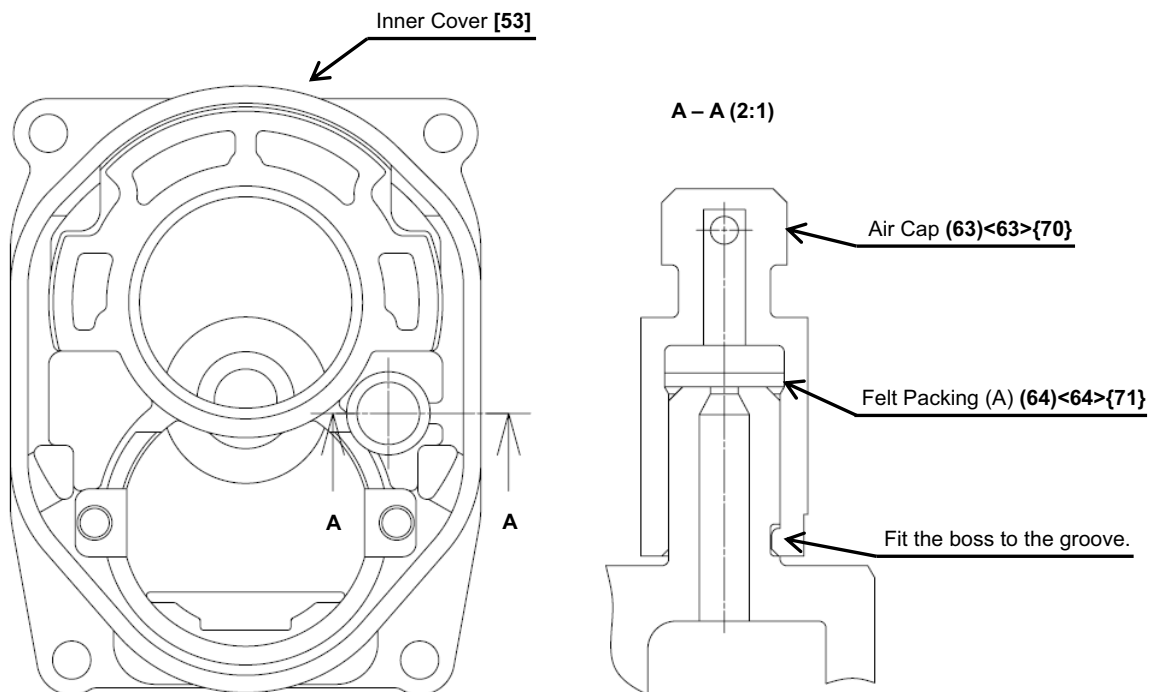
3. Mounting the oil seals

In reassembly of the Oil Seal [9] and Oil Seal (A) [27], apply grease to the inner circumferences of both seals, but do not apply grease along their peripheries. Be careful not to skew the Oil Seal [9] and Oil Seal (A) [27] when press-fitting these parts.

4. Reassembling the internal pressure adjusting mechanism

Insert Felt Packing (A) (64)<64>{71} into the hole on the Air Cap (63)<63>{70} and lay the Air Cap (63)<63>{70} over the $\Phi 8.4$ shaft of the Inner Cover [53]. Fit the inside boss of the Air Cap (63)<63>{70} hole to the groove on the $\Phi 8.4$ shaft of the Inner Cover [53].

Fig. 6 • Reassembling the internal pressure adjusting mechanism

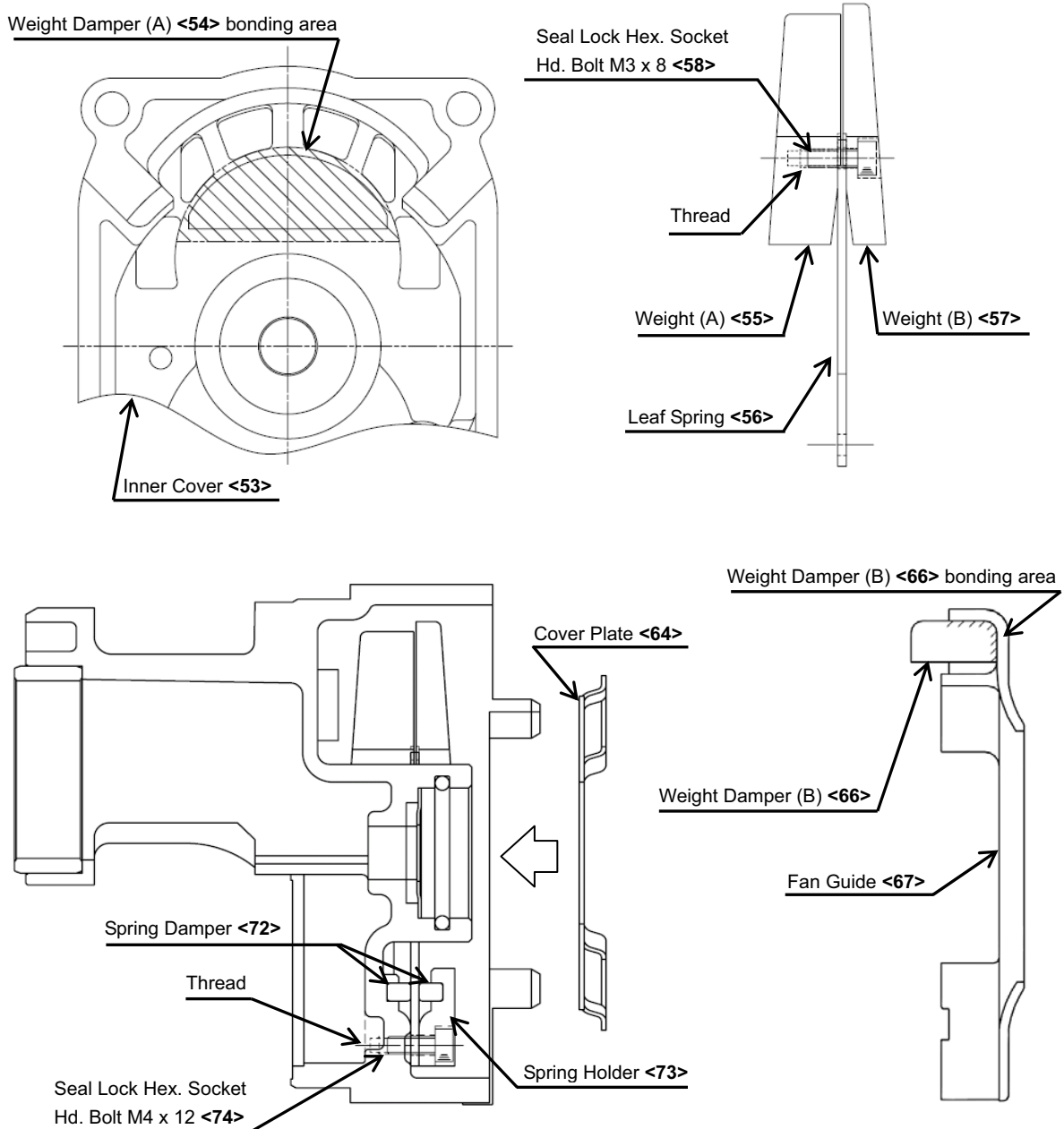


5. Reassembling the low vibrations mechanism (DH 28PBY)

Degrease Weight Damper (A) <54> bonding area of the Inner Cover <53> and then bond Weight Damper (A) <54> to the area. Degrease the threaded portion of Weight (A) <55>, mount Weight (B) <57> and the Leaf Spring <56> on Weight (A) <55>, and then secure both parts with the Seal Lock Hex. Socket Hd. Bolt M3 x 8 <58>. Degrease the threaded portion of the Inner Cover <53>. Insert the Spring Damper <72> into the Inner Cover <53> and Spring Holder <73>, and then secure the Leaf Spring <56> and Spring Holder <73> with the Seal Lock Hex. Socket Hd. Bolt M4 x 12 <74>. Place Weight (A) <55> on the Inner Cover <53> side and Weight (B) <57> on the Housing <75> side. Do not reverse the positions.

Degrease Weight Damper (B) <66> bonding area of the Fan Guide <67> and bond Weight Damper (B) <66> to the area. Mount the Cover Plate <64> before inserting the Armature <65> into the Inner Cover <53>. Mount the Cover Plate <64> with its body projected toward the Inner Cover <53> as shown in Fig. 7. Fit the projection of the Inner Cover <53> into the hole on the Cover Plate <64>.

Fig. 7 • Reassembling the low vibrations mechanism



6. Mounting the piston

Mount the Piston [38] as shown in Fig. 8.

Apply the specified grease to the inner and outer circumferences of the Piston [38]. Also apply grease to the inner and outer circumferences of the Piston Pin [39] and Piston Washer [40]. Mount the Piston Washer [40] on the Piston [38] and then insert the Piston Pin [39].

Fill 20 grams of the specified grease into the cylinder of the Inner Cover [53] and then insert the Piston [38] into the cylinder of the Inner Cover [53]. Insert the arm of the Reciprocating Bearing [47] of the Second Shaft [41] assembly into the Piston Pin [39] so that the arm of the Reciprocating Bearing [47] is sandwiched between the two Piston Washers [40] as shown in Fig. 9.

After inserting the arm, insert the spigot joint of the Bearing Holder [49] into the Inner Cover [53] with the threaded portions of the Inner Cover [53] aligned with the holes of the Bearing Cover [50] and Bearing Holder [49]. Here, orient the Bearing Holder [49] as shown in Fig. 10.

As shown in Fig. 11, one of the bolts touches the Reciprocating Bearing [47] and cannot be inserted straight into the Inner Cover [53]. Therefore, tighten one bolt at a time, rotate the Reciprocating Bearing [47] so that new Seal Lock Hex. Socket Hd. Bolt M5 x 16 [48] can be inserted straight in, and then fully tighten the bolts.

After tightening the bolts, allow the Reciprocating Bearing [47] to make one rotation and confirm that the Piston [38] makes one reciprocation. Pull the Piston [38] to confirm that it does not come off.

Pushing the Striker [36] into the Piston [38] compresses the air in the air chamber. The compressed air is released when O-ring D17 [37] exceeds the breathing channel of the Piston [38]. Push in the Striker [36] until O-ring D17 [37] exceeds the breathing channel of the Piston [38]. (Listen for the sound of air being released when O-ring D17 [37] exceeds the breathing channel of the Piston [38].)

Fig. 8 • Mounting the piston

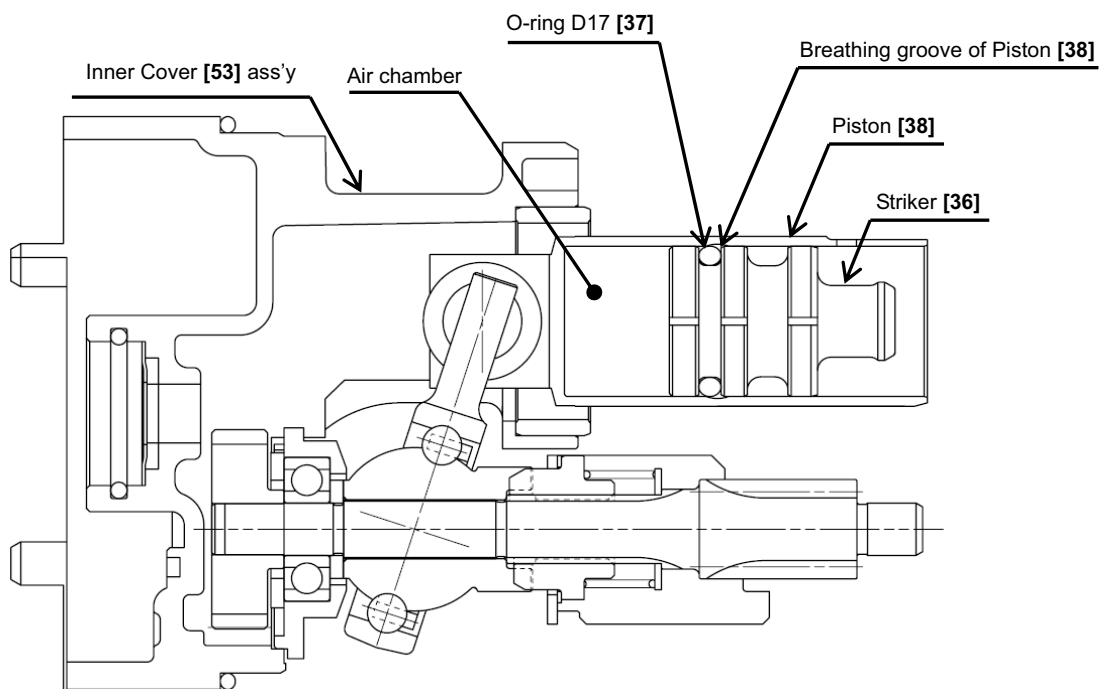


Fig. 9 • Mounting the piston

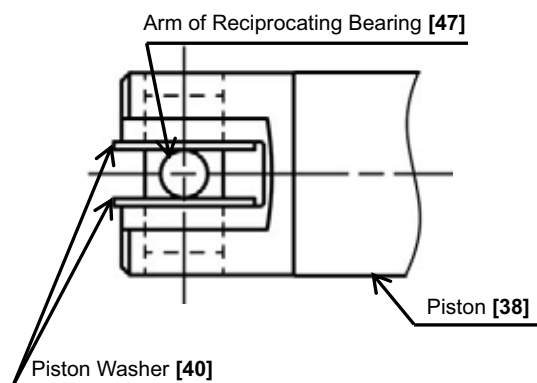


Fig. 10 • Mounting the bearing holder

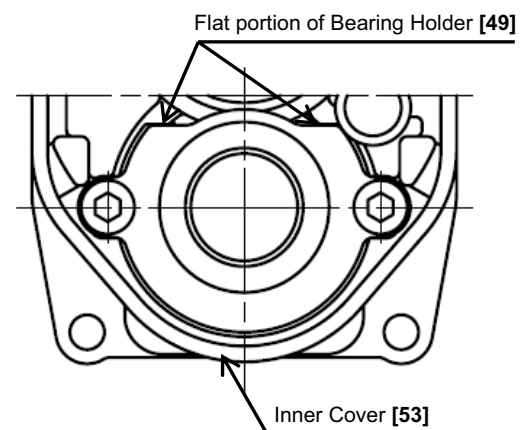
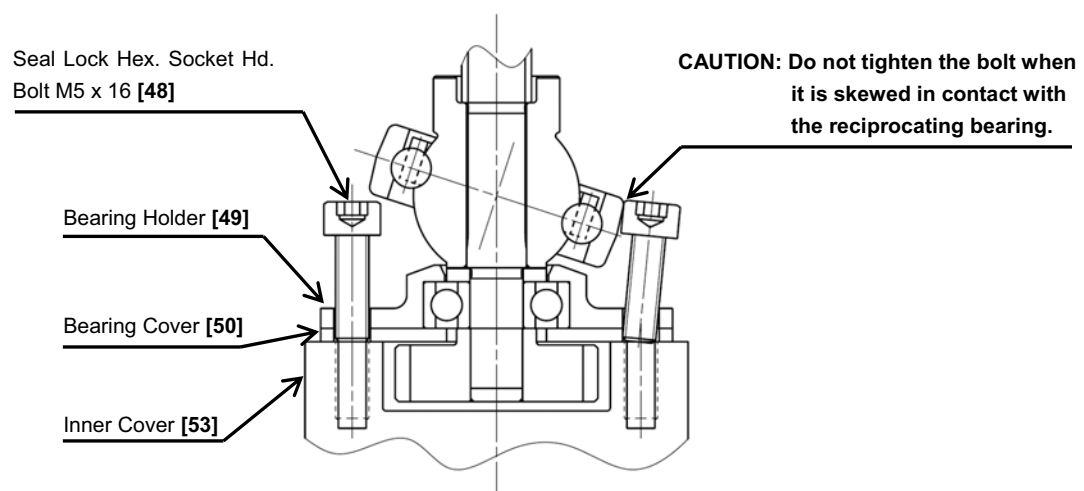


Fig. 11 • Tightening the bolts

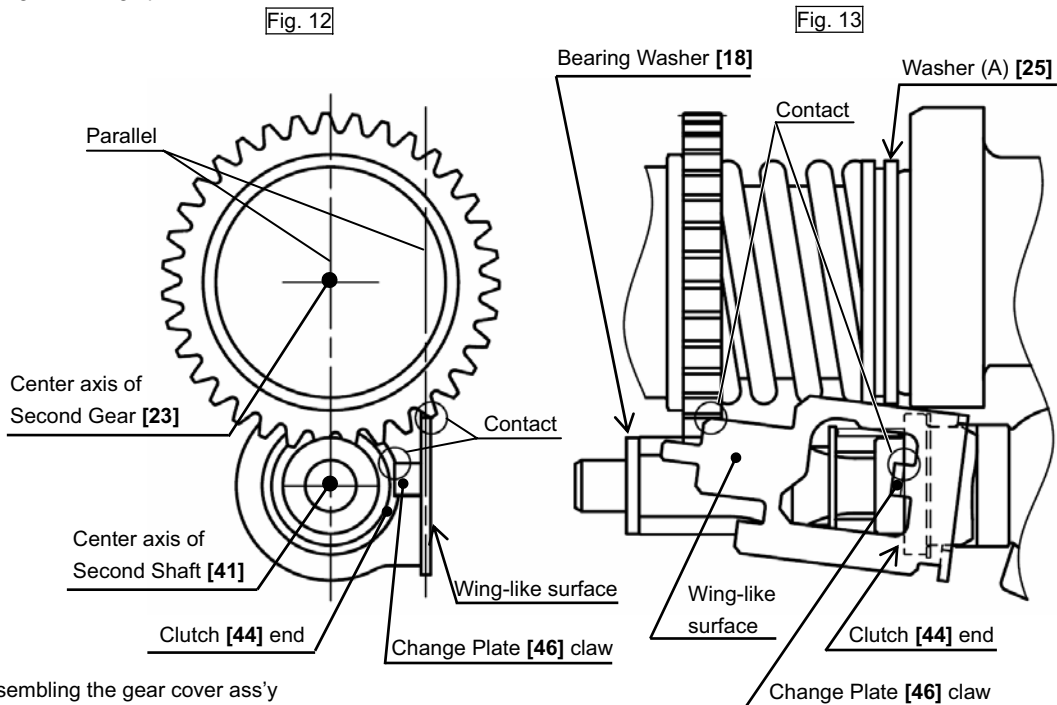


7. Reassembling the gear cover ass'y

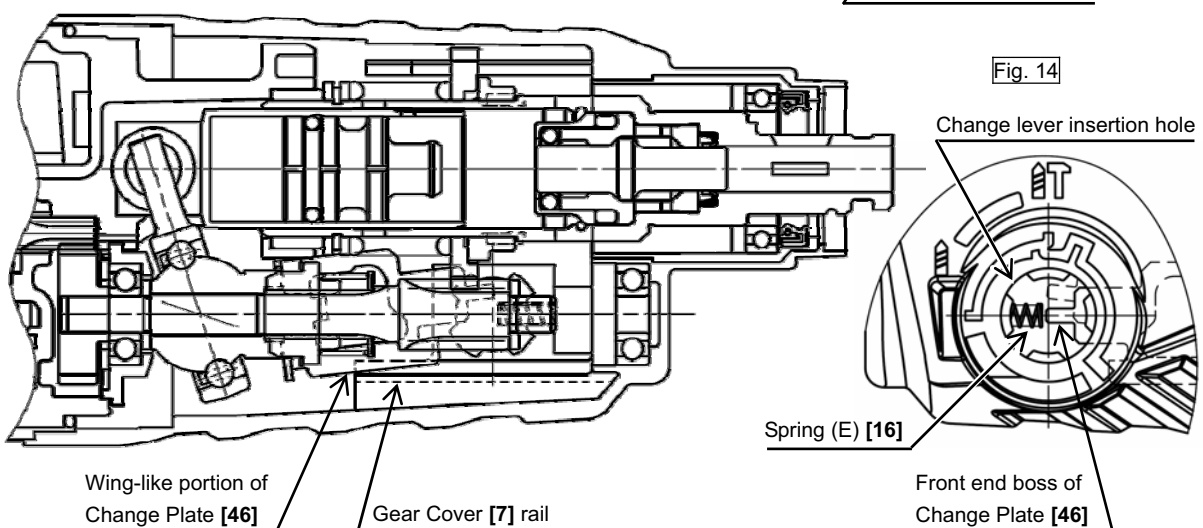
Mount Washer (A) [25] and the Cylinder [20] assembly on the Inner Cover [53] assembly containing the Piston [38], and then mount the Bearing Washer [18] on the front end of the Second Shaft [41].

Put the Change Plate [46] claw on the end of the Clutch [44]. Then, as shown in Fig. 12, secure the Change Plate [46] so that the wing-like surface of the Change Plate [46] is parallel with the plane made by the center axis of the Second Gear [23] and the center axis of the Second Shaft [41]. It is easy to secure the Change Plate [46] in parallel with the plane by placing the Change Plate [46] in contact with the tooth plane of the Second Gear [23] as shown in Fig. 13. Determine the position of the Gear Cover [7] so that the wing-like portion of the Change Plate [46] may be inserted into the rail portion of the Gear Cover [7]. Lay the Gear Cover [7] over a position where you can see the front end boss of the Change Plate [46] through the insertion hole of the Change Lever (13)<12>{12} (position indicated by Fig. 14). With the Gear Cover [7] in that state, use a pair of tweezers or other means to reposition the Change Plate [46] so that the front end boss of the Change Plate [46] is inserted into Spring (E) [16] (or the center axis of the Change Plate [46] may be parallel with the center axis of the Second Shaft [41]). Further lay the Gear Cover [7] in position, confirm that the front end boss of Change Plate [46] is inserted into Spring (E) [16], and then continue laying it into position until it contacts the Housing (65)<65>{75}.

• Securing the change plate

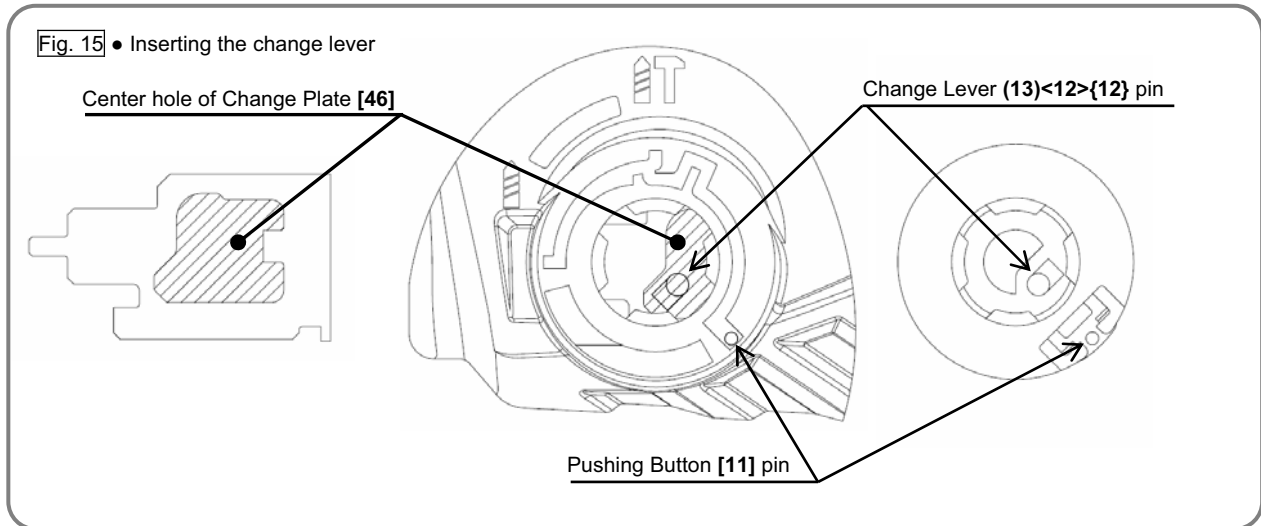


• Reassembling the gear cover ass'y



8. Mounting the change lever

Orient the Pushing Button [11] to position its pin at the position shown in Fig. 15 while strongly pressing the Pushing Button [11] into the hole on the Change Lever (13)<12>{12}, and then insert the Change Lever (13)<12>{12} into the Gear Cover [7] assembly so that the pin of the Change Lever (13)<12>{12} is inserted into the center hole of the Change Plate [46]. Reverse the Change Lever (13)<12>{12} disassembly procedure and set the Change Lever (13)<12>{12} to "Rotation + Hammering" ( mark) or "Rotation only" ( mark).



9. Operation check

If an improperly assembled product is powered on, components of the running motor may be damaged. To prevent this, you must first check the operation of the assembled product by following the procedure below.

- (1) After reassembly, turn the Change Lever (13)<12>{12} from "Rotation + Hammering" ( mark) to "Rotation only" ( mark) and confirm that it is switched normally.
- (2) Set the Change Lever (13)<12>{12} to the "Rotation + Hammering" ( mark) position, insert the SDS plus shank into the Cylinder [20], let the cylinder make one rotation, and then confirm that the fan rotates.
- (3) Set the Change Lever (13)<12>{12} to the "Rotation only" ( mark) position, insert the SDS plus shank into the Cylinder [20], let the cylinder make one rotation, and then confirm that the fan rotates.

Lubrication points and types of lubricant

- Periphery of the Second Hammer [30] (Fig. 17), O-ring (C) [33], and Damper (A) [32]: Apply specified grease.
- Second Gear [23] and Cylinder Clutch [22] claws: Apply specified grease. (Fig. 18)
- Pin D2.5 [21]: Apply NIPPECO SEP-3A grease.
- Inner circumference of the Cylinder [20] (sliding portion of the piston): Apply specified grease. (Fig. 19)
- Balls of the Reciprocating Bearing [47]: Fill 3 grams of specified grease. (Fig. 20)
- Bore surface and arm of the Reciprocating Bearing [47]: Apply specified grease. (Fig. 20)
- Reciprocating Bearing [47] rotating shaft and Second Shaft [41] spline: Apply specified grease. (Fig. 21)
- Clutch [44], Washer [45], and Change Plate [46] contact: Apply specified grease. (Fig. 22)
- Tooth plane of the First Gear [51]: Apply NIPPECO SEP-3A grease.
- First Gear [51] recess of the Inner Cover [53]: Fill 3 grams of NIPPECO SEP-3A grease. (Fig. 25)
- Metal inner circumference of the Inner Cover [53]: Apply specified grease. (Fig. 25)
- Inner circumference of the Piston [38], inner circumference of the Piston Pin [39], and Piston Washer [40]: Apply specified grease. (Fig. 23)
- Periphery of the Striker [36] and O-ring D17 [37] for the Striker [36]: Apply specified grease. (Fig. 24)
- Run-off of Ball Bearing 608VVC2PS2L [17] on abutted surface of the Gear Cover [7]: Fill 0.3 gram of NIPPECO SEP-3A grease. (Fig. 26)
- Oil Seal [9] lip in the Gear Cover [7]: Apply specified grease.
- Washer (A) [25]: Apply specified grease.
- Inside of the Gear Cover [7]: Fill 40 grams of specified grease (grease for rotary hammer). (Fig. 27)
(Apply grease to the tooth plane of Second Gear [23]. Be careful not to let grease run into Cylinder [20].)
- Inside of the Inner Cover [53] cylinder: Fill 20 grams of specified grease. (Fig. 25)
- Gear Cover [7] $\Phi 20$ bore surface and O-ring (S-18) [14] for the Change Lever (13)<12>{12}: Apply NIPPECO SEP-3A grease.
- Steel Ball D7.0 [19]: Apply NIPPECO SEP-3A grease.

Fig. 16 • Specified grease (for rotary hammer)



CAUTION: The viscosity and consistency of this specified grease are optimized for the rotary hammer models in order to improve service life. Therefore, applying the ordinary grease used for conventional models (DH 24PB3, etc.) to the Models DH 24PG, DH 26PB and DH 28PBY may dramatically shorten its service life.

* Apply or fill with the specified grease unless otherwise specified.

Fig. 17

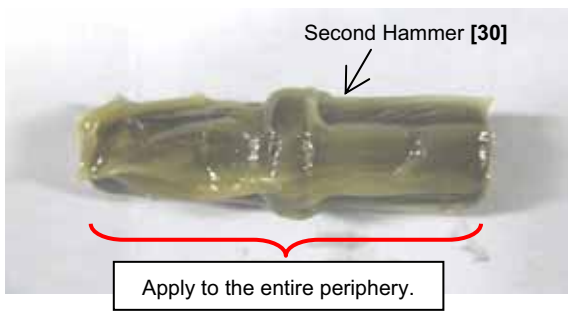


Fig. 18

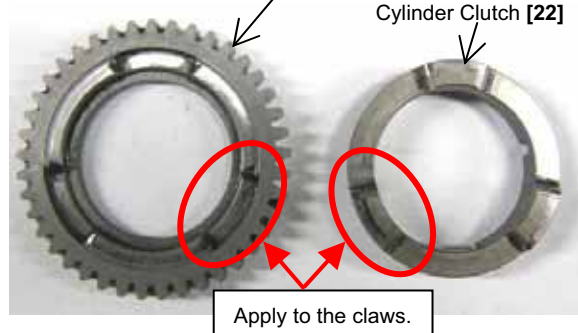


Fig. 19

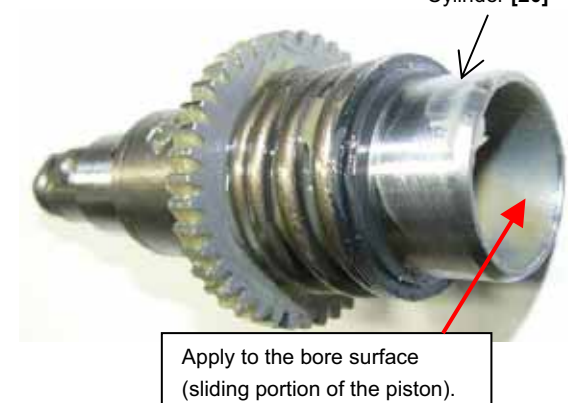


Fig. 20

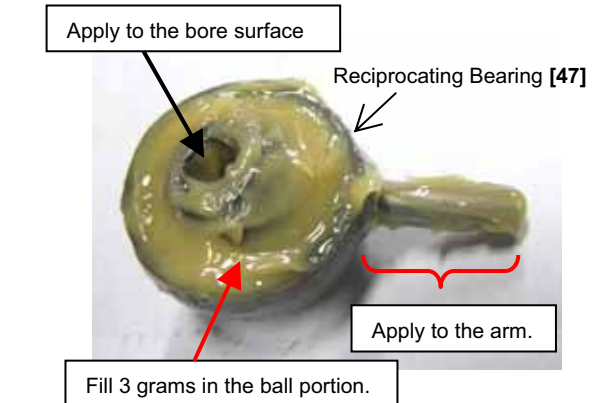


Fig. 21

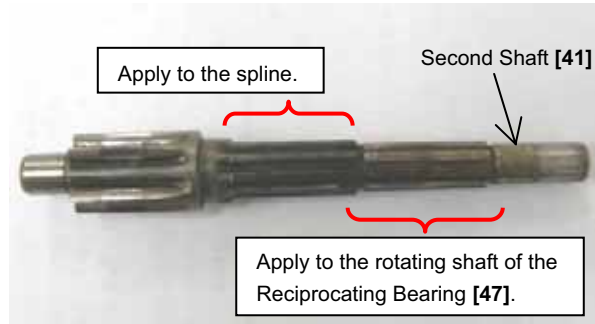


Fig. 22

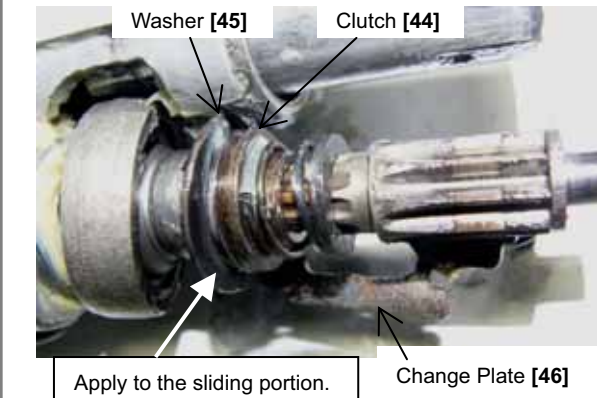


Fig. 23

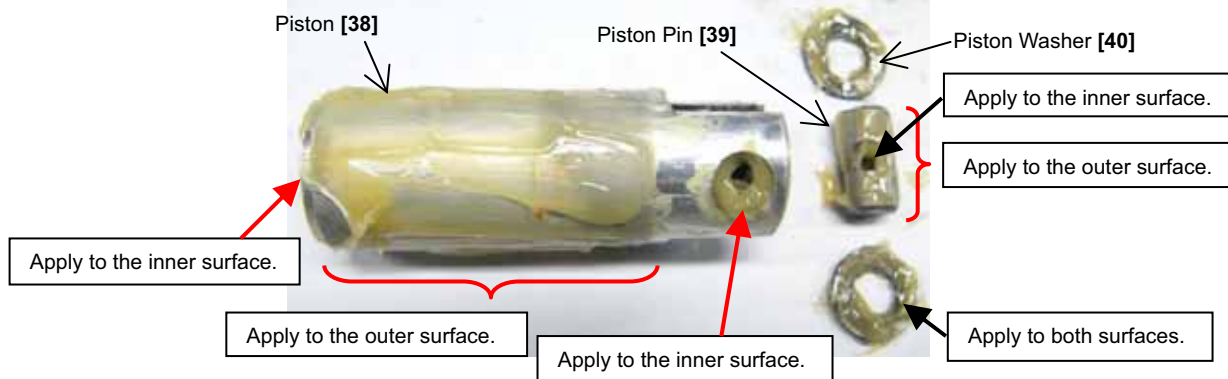


Fig. 24

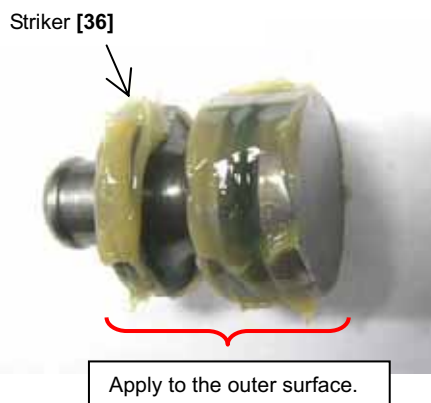


Fig. 25

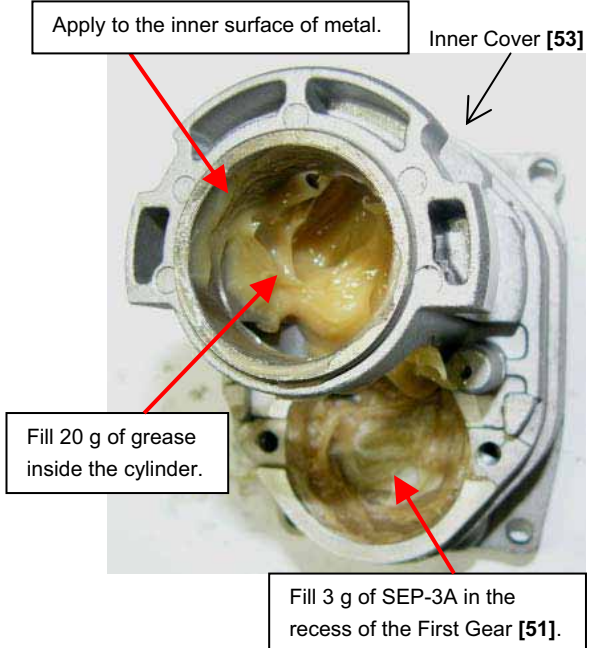
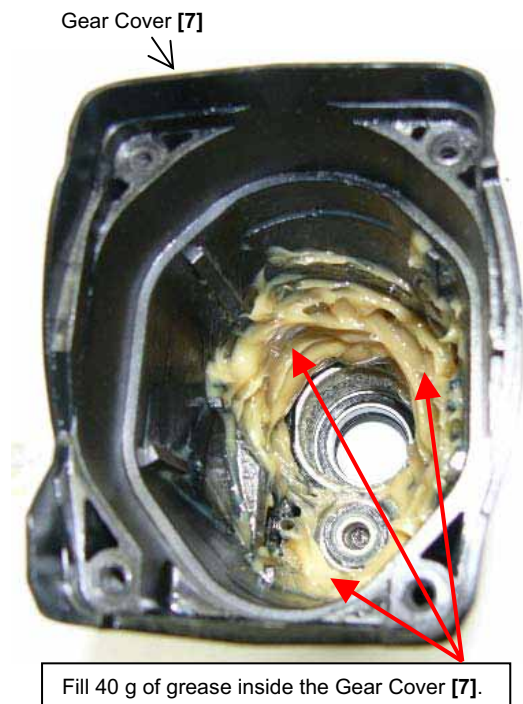


Fig. 26



Fig. 27



Screw tightening torque

- Hex. Hd. Tapping Screw D4 (61)<61>{68} 1.96 ± 0.49 N•m (20 ± 5 kgf•cm)
- Tapping Screw (W/Flange) D4 x 16 (77)<74>{84} 1.96 ± 0.49 N•m (20 ± 5 kgf•cm)
- Tapping Screw (W/Flange) D4 x 20 (Black) (82)<82>{92} 1.96 ± 0.49 N•m (20 ± 5 kgf•cm)
- Tapping Screw (W/Flange) D5 x 35 (66)<66>{76} 2.94 ± 0.49 N•m (30 ± 5 kgf•cm)
- Seal Lock Hex. Socket Hd. Bolt M3 x 8 <58> 2.45 ± 0.50 N•m (25 ± 5 kgf•cm)
- Seal Lock Hex. Socket Hd. Bolt M4 x 12 <74> 3.43 ± 0.50 N•m (35 ± 5 kgf•cm)
- Seal Lock Hex. Socket Hd. Bolt M5 x 16 [48] 5.88 ± 1.47 N•m (60 ± 15 kgf•cm)

Insulation test

Upon the completion of disassembly and repair, measure the insulation resistance and dielectric strength.

Insulation resistance: 7 MΩ or higher (as measured with a 500 VDC megohm tester)

Dielectric strength: 2500 VAC per minute, with no abnormalities

No-load current value

After no-load operation for 30 minutes, the no-load current values should be as follows:

Voltage (V)	110	120	127	220	230	240
Current (A) max.	3.0	2.8	2.6	1.6	1.5	1.4

Connecting diagram

Fig. 28 • Wiring diagram for the Models DH 24PG, DH 26PB and DH 28PBY without noise suppressor

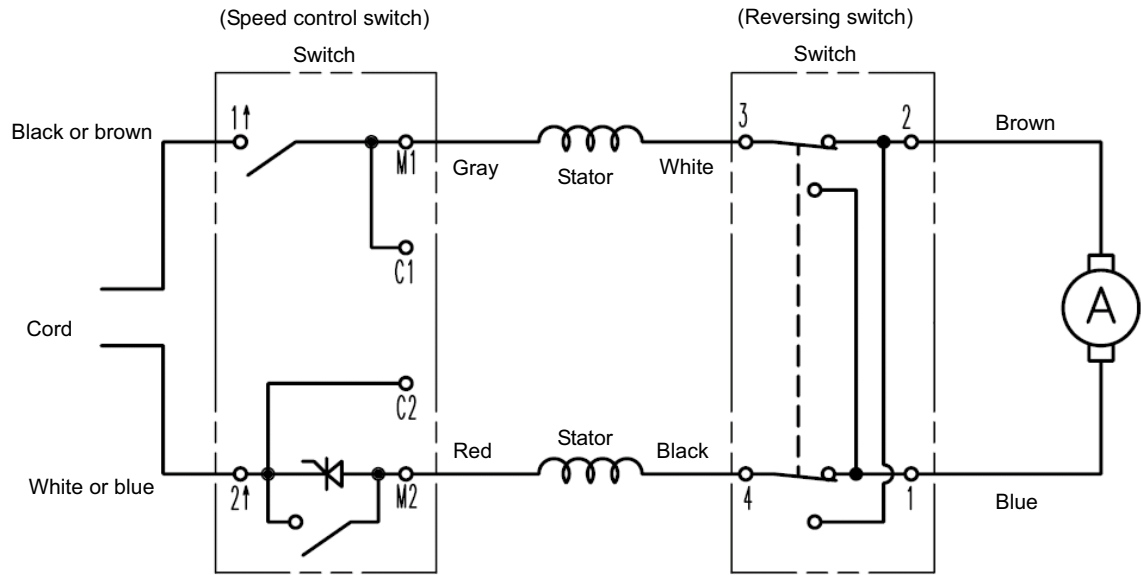


Fig. 29 • Wiring diagram for the Model DH 24PG equipped with a noise suppressor

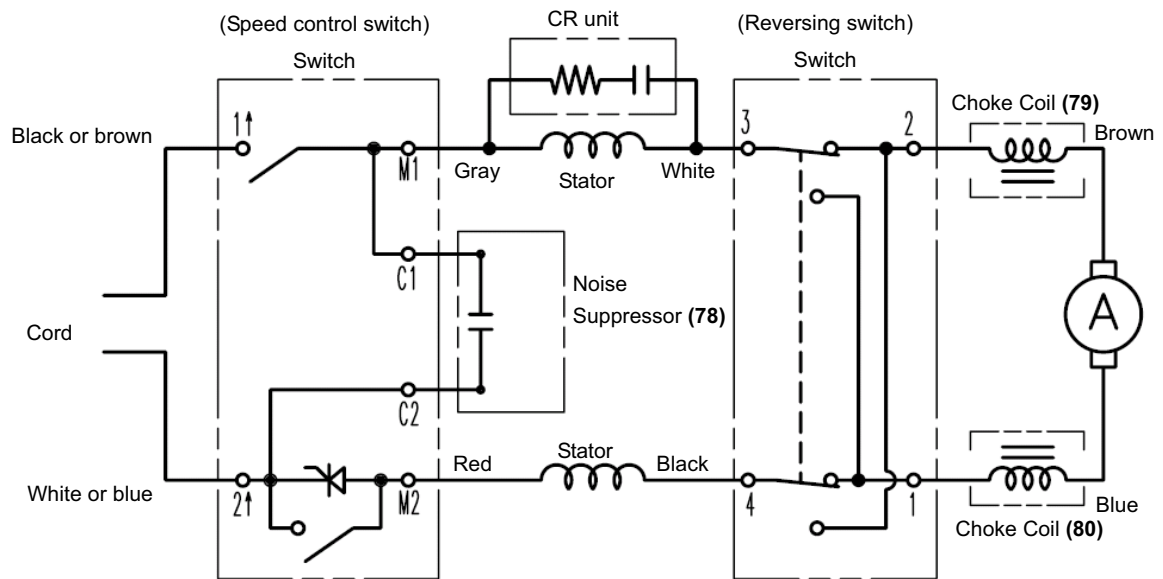


Fig. 30 • Wiring diagram for the Models DH 26PB and DH 28PBY equipped with a noise suppressor and CR units

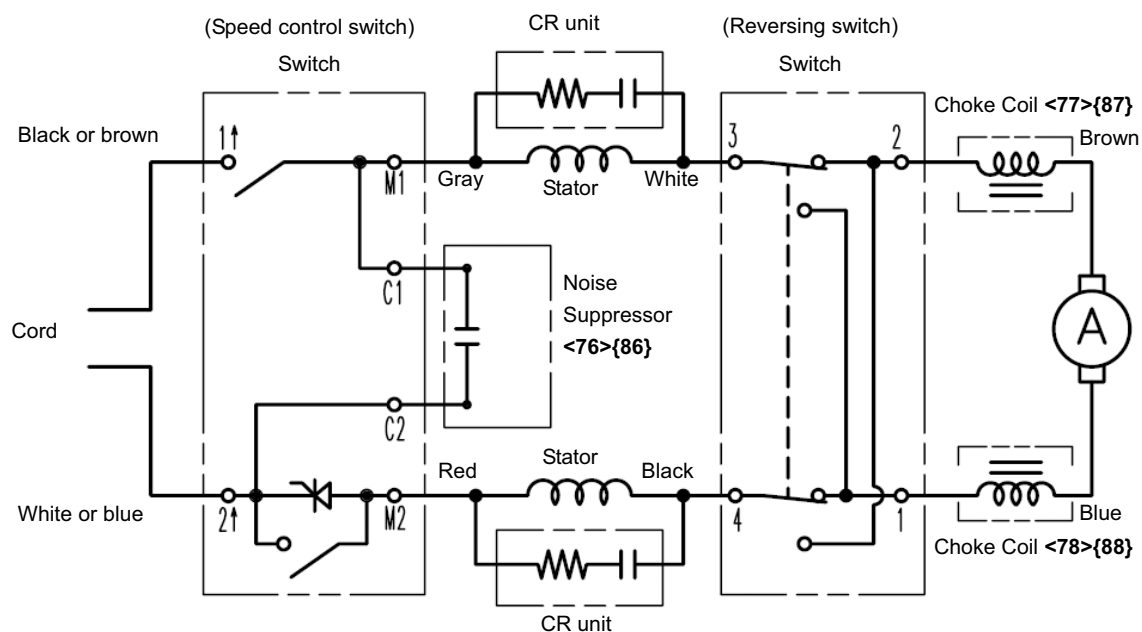
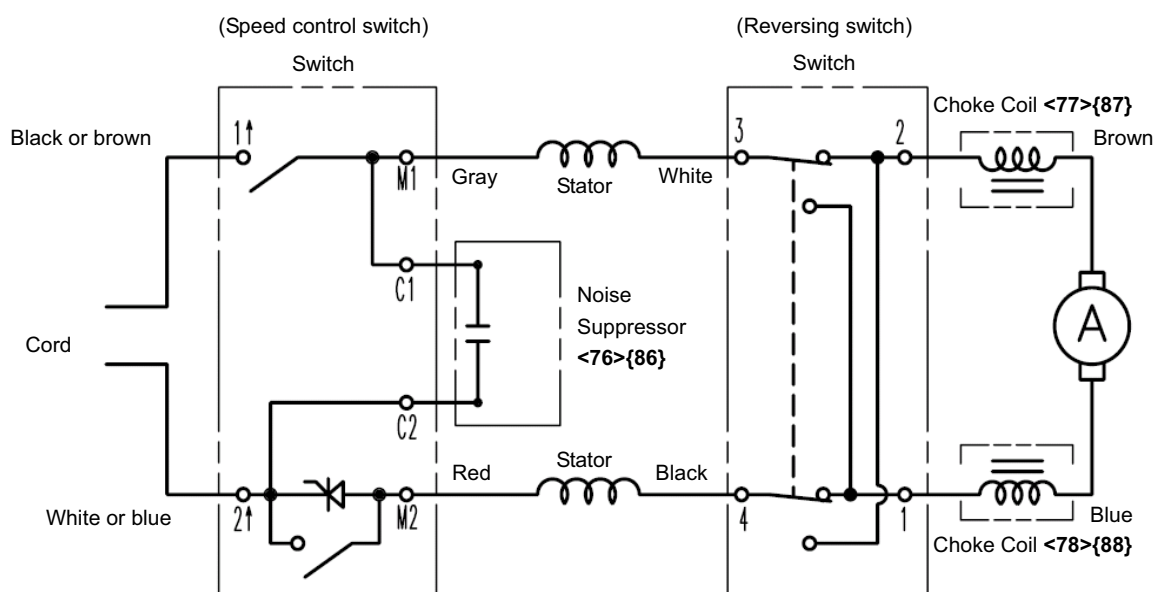


Fig. 31 • Wiring diagram for the Models DH 26PB and DH 28PBY without CR unit but equipped with a noise suppressor

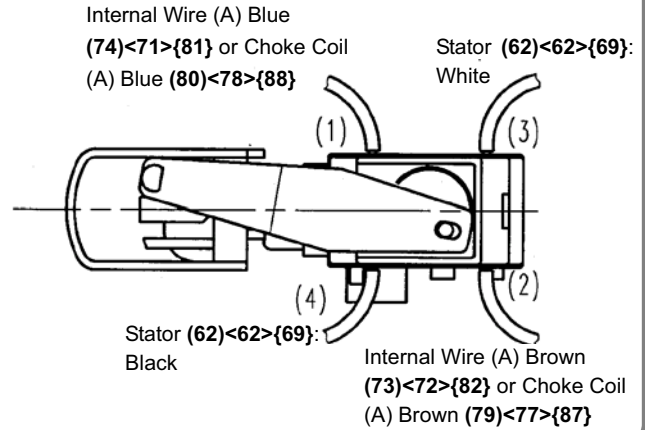


Switch-related wiring

(1) Wiring of the forward/reverse changeover switch

As shown in Fig. 32, connect Internal Wire (A) Blue (74)<71>{81} to (1) (number stamped on the forward/reverse changeover switch) and Internal Wire (A) Brown (73)<72>{82} to (2). Connect a white internal wire to (3) and a black internal wire coming from the Stator (62)<62>{69} to (4). Lightly pull on each connected wire to confirm that it does not easily come out. You can pull out each internal wire by inserting the tip of a small flat-blade screwdriver or needle into a window provided on the side of each terminal.

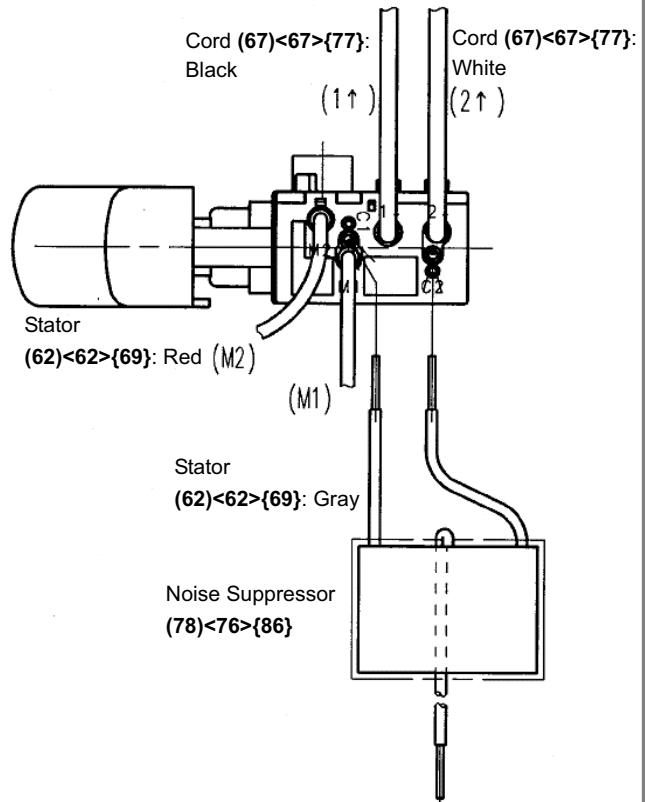
Fig. 32 • Wiring of the forward/reverse changeover switch



(2) Wiring of the variable-speed switch

As shown in Fig. 33, connect the black Cord (67)<67>{77} to 1↑ (number stamped on the variable-speed switch) and the white Cord (67)<67>{77} to 2↑. Tighten each terminal screw (with tightening torque of $0.6 \pm 0.2 \text{ N}\cdot\text{m}$ ($6 \pm 2 \text{ kg}\cdot\text{cm}$)). Connect the gray internal wire coming from the Stator (62)<62>{69} to M1 and the red internal wire coming from the Stator (62)<62>{69} to M2. Connect the internal wires coming from the Noise Suppressor (78)<76>{86} to C1 and C2, respectively. Lightly pull on each of the connected cords and internal wires to confirm that the cords/wires do not easily come out. You can pull out each internal wire by inserting the tip of a small flat-blade screwdriver or needle into a window provided on the side of each terminal.

Fig. 33 • Wiring of the variable-speed switch



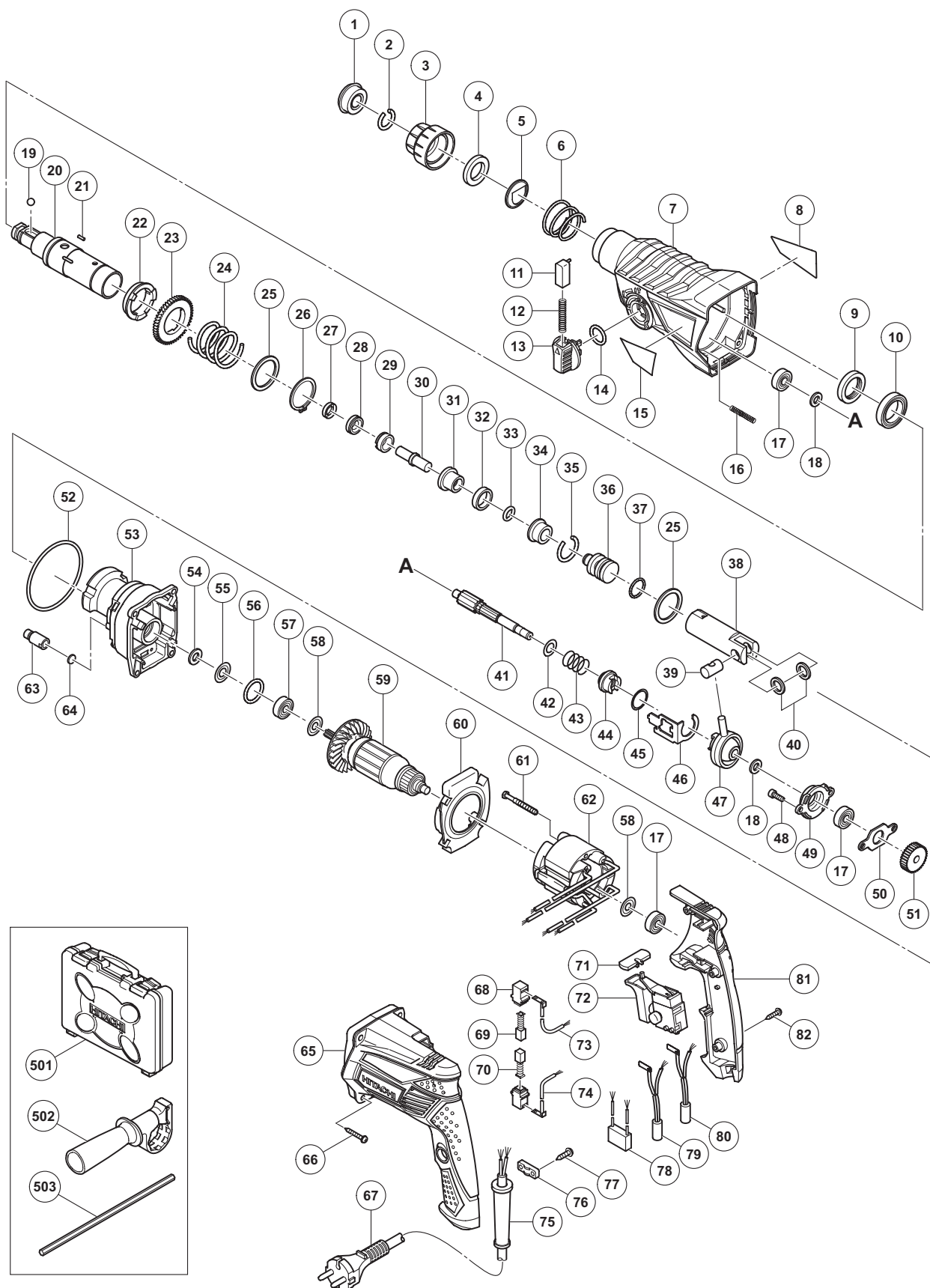
STANDARD REPAIR TIME (UNIT) SCHEDULES

MODEL	Variable Fixed	10	20	30	40	50	60 min.
DH 24PG DH26PB DH 28PBY	General Assembly	Work Flow					
		Handle Cover Cord Armor	Switch Cord				
					Housing Stator		
				Armature Ball Bearing (608VVC2) O-ring (P-22) Ball Bearing (608DDC2)			
		Front Cap Grip Ball Holder Holder Spring Steel Ball D7.0			Second Hammer Oil Seal (A) Hammer Holder (C) Sleeve (FW) Hammer Holder (A) Damper (A) O-ring (C) Damper Holder	Cylinder Cylinder Clutch Second Gear Spring (A)	
					Gear Cover Oil Seal Ball Bearing (6805DD)		
		Change Lever Pushing Button O-ring (S-18)	Striker O-ring D17 Piston Piston Pin Piston Washer x 2 O-ring D72.2	Inner Cover Ball Bearing (608VVC2) x 2 Second Shaft Clutch Spring Clutch Change Plate Reciprocating Bearing Bearing Holder Bearing Cover First Gear Weight Damper (A) (DH 28PBY) Weight (A) (DH 28PBY) Leaf Spring (DH 28PBY) Weight (B) (DH 28PBY) Spring Damper x 2 (DH 28PBY) Spring Holder (DH 28PBY)			

ELECTRIC TOOL PARTS LIST

■ ROTARY HAMMER Model DH 24PG

2013.5.22
(E1)



PARTS

DH 24PG

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
1	306-345	FRONT CAP	1		
2	306-340	STOPPER RING	1		
3	324-527	GRIP	1		
4	324-528	BALL HOLDER	1		
5	324-526	HOLDER PLATE	1		
6	322-812	HOLDER SPRING	1		
7	335-258	GEAR COVER	1		
8		NAME PLATE	1		
9	335-259	OIL SEAL	1		
10	335-260	BALL BEARING 6805DD	1		
11	322-789	PUSHING BUTTON	1		
12	317-223	PUSHING SPRING	1		
13	334-011	CHANGE LEVER	1		
14	878-885	O-RING (S-18)	1		
15		HITACHI LABEL	1		
16	335-800	SPRING (E)	1		
17	608-VVM	BALL BEARING 608VVC2PS2L	3		
18	335-250	BEARING WASHER	2		
19	335-300	STEEL BALL D7.0 (10 PCS.)	1		
20	335-261	CYLINDER	1		
21	335-264	PIN D2.5	4		
22	335-263	CYLINDER CLUTCH	1		
23	335-265	SECOND GEAR	1		
24	335-266	SPRING (A)	1		
25	301-679	WASHER (A)	2		
26	948-310	RETAINING RING FOR D30 SHAFT	1		
27	335-262	OIL SEAL (A)	1		
28	335-268	HAMMER HOLDER (C)	1		
29	335-795	SLEEVE (FW)	1		
30	335-269	SECOND HAMMER	1		
31	335-267	HAMMER HOLDER (A)	1		
32	322-805	DAMPER (A)	1		
33	322-808	O-RING (C)	1		
34	324-524	DAMPER HOLDER	1		
35	322-807	STOPPER RING	1		
36	335-246	STRIKER	1		
37	335-247	O-RING D17	1		
38	335-255	PISTON	1		
39	335-793	PISTON PIN	1		
40	335-794	PISTON WASHER	2		
41	335-248	SECOND SHAFT	1		
42	335-251	WASHER (C)	1		
43	323-182	CLUTCH SPRING	1		
44	335-254	CLUTCH	1		
45	331-315	WASHER	1		
46	335-252	CHANGE PLATE	1		
47	335-249	RECIPROCATING BEARING	1		
48	990-079	SEAL LOCK HEX. SOCKET HD. BOLT M5 X 16	2		
49	335-270	BEARING HOLDER	1		
50	335-271	BEARING COVER	1		

PARTS

DH 24PG

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
51	335-253	FIRST GEAR	1		
52	335-245	O-RING D72.2	1		
53	335-272	INNER COVER	1		
54	322-816	FELT PACKING	1		
55	322-818	PACKING WASHER	1		
56	876-796	O-RING (P-22)	1		
57	608-DDM	BALL BEARING 608DDC2PS2L	1		
58	982-631	WASHER (A)	2		
* 59	360-962C	ARMATURE 110 V	1		
* 59	360-962U	ARMATURE ASS'Y 120 V	1	INCLUD. 17, 57, 58	
* 59	360-962G	ARMATURE 127 V	1		
* 59	360-962E	ARMATURE 220 V-230 V	1		
* 59	360-962F	ARMATURE 240 V	1		
60	335-244	FAN GUIDE	1		
61	981-824	HEX. HD. TAPPING SCREW D4 X 45	2		
* 62	340-866C	STATOR 110 V	1		
* 62	340-866J	STATOR 110 V	1	FOR VEN	
* 62	340-866D	STATOR 120 V	1		
* 62	340-866H	STATOR 127 V	1		
* 62	340-866E	STATOR 220 V-230 V	1		
* 62	340-866K	STATOR 220 V-230 V	1	FOR THA, INA, SIN, HKG, IND, BRA (220 V), PAN (220 V)	
* 62	340-866L	STATOR 240 V	1		
* 62	340-866F	STATOR 240 V	1	FOR AUS	
63	334-008	AIR CAP	1		
64	324-543	FELT PACKING (A)	1		
65	335-660	HOUSING	1		
66	301-654	TAPPING SCREW (W/FLANGE) D5 X 35	4		
* 67	500-247Z	CORD	1	(CORD ARMOR D8.8)	
* 67	500-234Z	CORD	1	(CORD ARMOR D8.8)	
				FOR PAN (220 V), INA, IND	
* 67	500-240Z	CORD	1	(CORD ARMOR D8.8)	
				FOR PAN (120 V), MEX	
* 67	500-423Z	CORD	1	(CORD ARMOR D8.8) FOR UAE, SIN	
* 67	500-439Z	CORD	1	(CORD ARMOR D8.8) FOR AUS	
* 67	500-248Z	CORD	1	(CORD ARMOR D8.8) FOR SUI	
* 67	500-487Z	CORD	1	(CORD ARMOR D8.8) FOR BRA	
* 67	500-468Z	CORD	1	(CORD ARMOR D8.8) FOR THA	
* 67	500-456Z	CORD	1	(CORD ARMOR D8.8) FOR CHN	
* 67	500-435Z	CORD	1	(CORD ARMOR D8.8) FOR HKG	
* 67	323-974	CORD	1	(CORD ARMOR D10.1) FOR TPE	
* 67	500-491Z	CORD	1	(CORD ARMOR D8.8) FOR KOR	
* 67	500-450Z	CORD	1	(CORD ARMOR D8.8) FOR GBR (230 V)	
* 67	500-490Z	CORD	1	(CORD ARMOR D8.8) FOR GBR (110 V)	
* 67	930-051	CORD	1	(CORD ARMOR D10.1) FOR VEN	
68	955-203	BRUSH HOLDER	2		
69	999-041	CARBON BRUSH (1 PAIR)	1		
70	999-072	CARBON BRUSH (AUTO STOP TYPE) (1 PAIR)	1		
71	322-853	PUSHING BUTTON	1		
* 72	335-796	SWITCH	1		

DH 24PG

STANDARD ACCESSORIES

- 4 -

OPTIONAL ACCESSORIES

DH 24PG

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
601	306-885	DUST COLLECTOR (B) ASS'Y	1	INCLUD. 602, 610	
602	986-802	DUST COLLECTOR ASS'Y	1	INCLUD. 603-609	
603	986-803	DUST COVER	1		
604	986-804	SEAL COVER	1		
605	948-310	RETAINING RING FOR D30 SHAFT	1		
606	958-063	WASHER	1		
607	959-150	STEEL BALL D6.35 (10 PCS.)	19		
608	986-805	OUTER RACE	1		
609	986-806	SOCKET	1		
610	306-910	SOCKET ADAPTER (B)	1		
611	971-787	DUST CUP	1		
612	931-844	STOPPER	1		
613	321-814	DRILL CHUCK 13VLRB-D	1	INCLUD. 614	
614	331-966	FLAT HD. SCREW (LEFT HAND) M6 X 20	1		
615	321-813	DRILL CHUCK 13VLD-D	1		
616	971-511Z	+ DRIVER BIT (A) NO. 2 25L	1		
617	971-512Z	+ DRIVER BIT (A) NO. 3 25L	1		
618	944-477	COTTER	1		
619	982-684	CENTER PIN (A) 109L FOR CORE BIT D32-38	1		
620	982-685	CENTER PIN (B) 104L FOR CORE BIT D45-90	1		
621	982-672	CORE BIT (A) 25 MM	1		
622	982-673	CORE BIT (A) 29 MM	1		
623	982-674	CORE BIT (A) 32 MM	1	INCLUD. 624	
624	982-686	GUIDE PLATE (FOR CORE BIT 32 MM)	1		
625	982-675	CORE BIT (A) 35 MM	1	INCLUD. 626	
626	982-687	GUIDE PLATE (FOR CORE BIT 35 MM)	1		
627	982-676	CORE BIT (A) 38 MM	1	INCLUD. 628	
628	982-688	GUIDE PLATE (FOR CORE BIT 38 MM)	1		
629	982-677	CORE BIT (B) 45 MM	1	INCLUD. 630	
630	982-689	GUIDE PLATE (FOR CORE BIT 45 MM)	1		
631	982-678	CORE BIT (B) 50 MM	1	INCLUD. 632	
632	982-690	GUIDE PLATE (FOR CORE BIT 50 MM)	1		
633	971-794	ANCHOR SETTING ADAPTER A W1/4" (MANUAL)	1		
634	971-795	ANCHOR SETTING ADAPTER A W5/16" (MANUAL)	1		
635	971-796	ANCHOR SETTING ADAPTER A W3/8" (MANUAL)	1		
636	971-797	ANCHOR SETTING ADAPTER A W1/2" (MANUAL)	1		
637	971-798	ANCHOR SETTING ADAPTER A W5/8" (MANUAL)	1		
638	971-799	ANCHOR SETTING ADAPTER B W1/4" (MANUAL)	1		
639	971-800	ANCHOR SETTING ADAPTER B W5/16" (MANUAL)	1		
640	971-801	ANCHOR SETTING ADAPTER B W3/8" (MANUAL)	1		
641	971-802	ANCHOR SETTING ADAPTER B W1/2" (MANUAL)	1		
642	971-803	ANCHOR SETTING ADAPTER B W5/8" (MANUAL)	1		
643	944-460	TAPER SHANK DRILL BIT D11 X 100	1		
644	944-461	TAPER SHANK DRILL BIT D12.3 X 110	1		
645	993-038	TAPER SHANK DRILL BIT D12.7 X 110	1		
646	944-462	TAPER SHANK DRILL BIT D14.3 X 110	1		
647	944-500	TAPER SHANK DRILL BIT D14.5 X 110	1		
648	944-463	TAPER SHANK DRILL BIT D17.5 X 120	1		
649	944-464	TAPER SHANK DRILL BIT D21.5 X 140	1		
650	320-859	SYRINGE (BLOW-OUT BULB TYPE)	1		

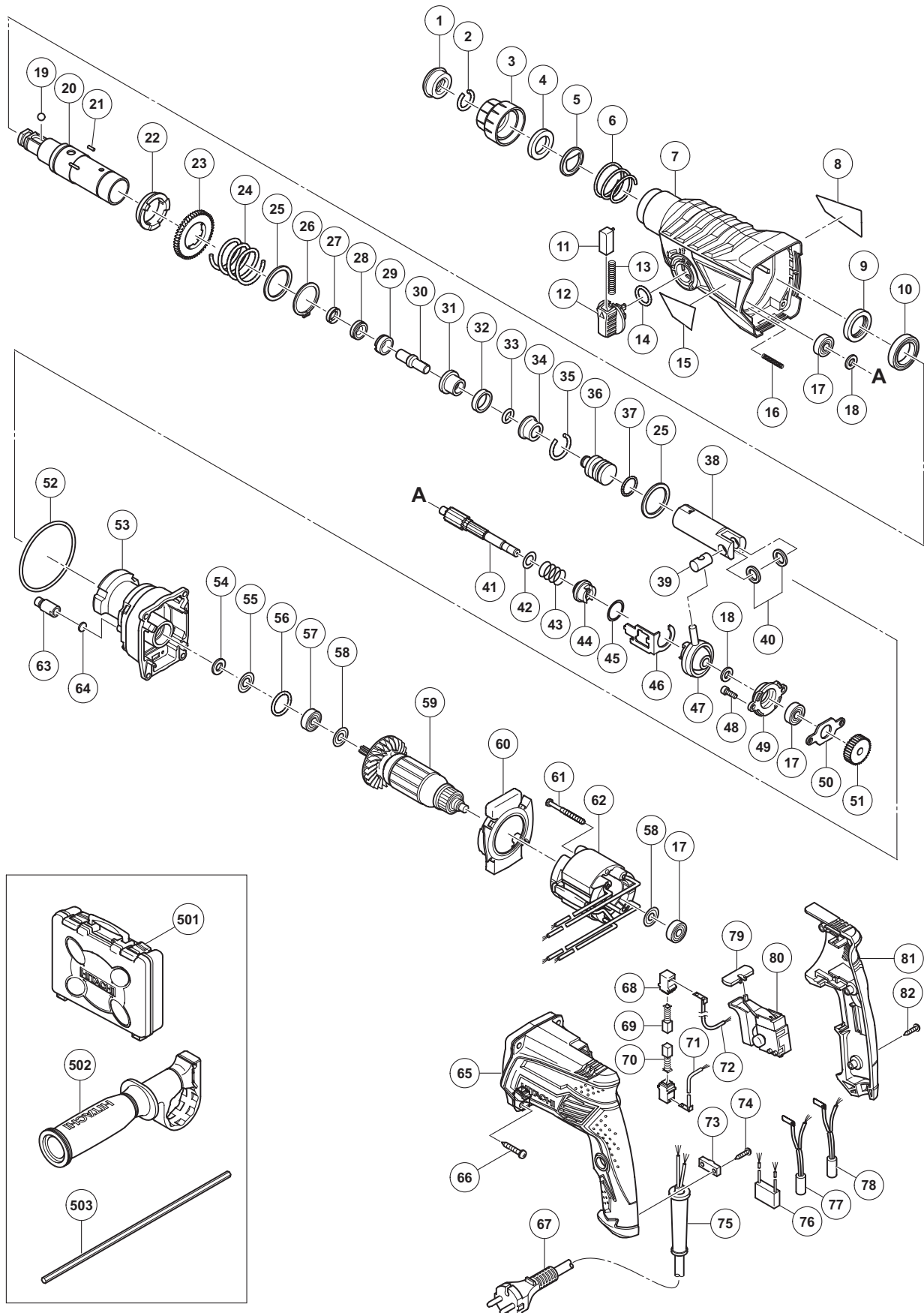
DH 24PG

- 6 -

ELECTRIC TOOL PARTS LIST

■ ROTARY HAMMER Model DH 26PB

2013.5.22
(E1)



PARTS

DH 26PB

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
1	306-345	FRONT CAP	1		
2	306-340	STOPPER RING	1		
3	324-527	GRIP	1		
4	324-528	BALL HOLDER	1		
5	324-526	HOLDER PLATE	1		
6	322-812	HOLDER SPRING	1		
7	335-258	GEAR COVER	1		
8		NAME PLATE	1		
9	335-259	OIL SEAL	1		
10	335-260	BALL BEARING 6805DD	1		
11	322-789	PUSHING BUTTON	1		
12	334-011	CHANGE LEVER	1		
13	317-223	PUSHING SPRING	1		
14	878-885	O-RING (S-18)	1		
15		HITACHI LABEL	1		
16	335-800	SPRING (E)	1		
17	608-VVM	BALL BEARING 608VVC2PS2L	3		
18	335-250	BEARING WASHER	2		
19	335-300	STEEL BALL D7.0 (10 PCS.)	1		
20	335-261	CYLINDER	1		
21	335-264	PIN D2.5	4		
22	335-263	CYLINDER CLUTCH	1		
23	335-265	SECOND GEAR	1		
24	335-266	SPRING (A)	1		
25	301-679	WASHER (A)	2		
26	948-310	RETAINING RING FOR D30 SHAFT	1		
27	335-262	OIL SEAL (A)	1		
28	335-268	HAMMER HOLDER (C)	1		
29	335-795	SLEEVE (FW)	1		
30	335-269	SECOND HAMMER	1		
31	335-267	HAMMER HOLDER (A)	1		
32	322-805	DAMPER (A)	1		
33	322-808	O-RING (C)	1		
34	324-524	DAMPER HOLDER	1		
35	322-807	STOPPER RING	1		
36	335-246	STRIKER	1		
37	335-247	O-RING D17	1		
38	335-255	PISTON	1		
39	335-793	PISTON PIN	1		
40	335-794	PISTON WASHER	2		
41	335-248	SECOND SHAFT	1		
42	335-251	WASHER (C)	1		
43	323-182	CLUTCH SPRING	1		
44	335-254	CLUTCH	1		
45	331-315	WASHER	1		
46	335-252	CHANGE PLATE	1		
47	335-249	RECIPROCATING BEARING	1		
48	990-079	SEAL LOCK HEX. SOCKET HD. BOLT M5 X 16	2		
49	335-270	BEARING HOLDER	1		
50	335-271	BEARING COVER	1		

PARTS

DH 26PB

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
51	335-253	FIRST GEAR	1		
52	335-245	O-RING D72.2	1		
53	335-272	INNER COVER	1		
54	322-816	FELT PACKING	1		
55	322-818	PACKING WASHER	1		
56	876-796	O-RING (P-22)	1		
57	608-DDM	BALL BEARING 608DDC2PS2L	1		
58	982-631	WASHER (A)	2		
* 59	360-961U	ARMATURE ASS'Y 110 V-127 V	1	INCLUD. 17, 57, 58	
* 59	360-961E	ARMATURE 220 V-230 V	1		
* 59	360-961F	ARMATURE 240 V	1		
60	335-244	FAN GUIDE	1		
61	961-672	HEX. HD. TAPPING SCREW D4 X 50	2		
* 62	340-850C	STATOR 110 V-127 V	1		
* 62	340-850G	STATOR 110 V	1	FOR TPE	
* 62	340-850E	STATOR 220 V-230 V	1		
* 62	340-850F	STATOR 240 V	1		
63	334-008	AIR CAP	1		
64	324-543	FELT PACKING (A)	1		
65	335-241	HOUSING	1		
66	301-654	TAPPING SCREW (W/FLANGE) D5 X 35	4		
* 67	500-390Z	CORD	1	(CORD ARMOR D8.8)	
* 67	500-235Z	CORD	1	(CORD ARMOR D8.8) FOR INA, IND, PAN (220 V)	
* 67	500-249Z	CORD	1	(CORD ARMOR D8.8) FOR PAN (120 V), MEX	
* 67	500-424Z	CORD	1	(CORD ARMOR D8.8) FOR SIN, UAE	
* 67	500-239Z	CORD	1	(CORD ARMOR D10.1) FOR THA, VEN	
* 67	500-487Z	CORD	1	(CORD ARMOR D8.8) FOR BRA	
* 67	500-408Z	CORD	1	(CORD ARMOR D8.8) FOR AUS	
* 67	500-391Z	CORD	1	(CORD ARMOR D8.8) FOR SUI	
* 67	500-456Z	CORD	1	(CORD ARMOR D8.8) FOR CHN	
* 67	500-440Z	CORD	1	(CORD ARMOR D8.8) FOR HKG	
* 67	323-974	CORD	1	(CORD ARMOR D10.1) FOR TPE	
* 67	500-475Z	CORD	1	(CORD ARMOR D8.8) FOR KOR	
* 67	500-446Z	CORD	1	(CORD ARMOR D8.8) FOR GBR (230 V)	
* 67	500-465Z	CORD	1	(CORD ARMOR D8.8) FOR GBR (110 V)	
68	955-203	BRUSH HOLDER	2		
69	999-041	CARBON BRUSH (1 PAIR)	1		
70	999-072	CARBON BRUSH (AUTO STOP TYPE) (1 PAIR)	1		
* 71	324-538	INTERNAL WIRE (A) (BLUE)	1	FOR BRA, PAN, MEX, THA, INA, SIN, HKG, UAE, IND, VEN	
* 72	324-537	INTERNAL WIRE (A) (BROWN)	1	FOR BRA, PAN, MEX, THA, INA, SIN, HKG, UAE, IND, VEN	
73	937-631	CORD CLIP	1		
74	984-750	TAPPING SCREW (W/FLANGE) D4 X 16	2		
* 75	953-327	CORD ARMOR D8.8	1		
* 75	938-051	CORD ARMOR D10.1	1		
* 76	930-039	NOISE SUPPRESSOR	1	EXCEPT FOR BRA, PAN, MEX, THA, INA, SIN, HKG, UAE, IND, VEN	
* 77	335-857	CHOKE COIL (A) BROWN	1	EXCEPT FOR BRA, PAN, MEX, THA, INA, SIN, HKG, UAE, IND, VEN	

DH 26PB

[illegible]

STANDARD ACCESSORIES

[illegible]

OPTIONAL ACCESSORIES

DH 26PB

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
601	306-885	DUST COLLECTOR (B) ASS'Y	1	INCLUD. 602, 610	
602	986-802	DUST COLLECTOR ASS'Y	1	INCLUD. 603-609	
603	986-803	DUST COVER	1		
604	986-804	SEAL COVER	1		
605	948-310	RETAINING RING FOR D30 SHAFT	1		
606	958-063	WASHER	1		
607	959-150	STEEL BALL D6.35 (10 PCS.)	19		
608	986-805	OUTER RACE	1		
609	986-806	SOCKET	1		
610	306-910	SOCKET ADAPTER (B)	1		
611	971-787	DUST CUP	1		
612	931-844	STOPPER	1		
613	321-814	DRILL CHUCK 13VLRB-D	1	INCLUD. 614	
614	331-966	FLAT HD. SCREW (LEFT HAND) M6 X 20	1		
615	321-813	DRILL CHUCK 13VLD-D	1		
616	971-511Z	+ DRIVER BIT (A) NO. 2 25L	1		
617	971-512Z	+ DRIVER BIT (A) NO. 3 25L	1		
618	944-477	COTTER	1		
619	982-684	CENTER PIN (A) 109L FOR CORE BIT D32-38	1		
620	982-685	CENTER PIN (B) 104L FOR CORE BIT D45-90	1		
621	982-672	CORE BIT (A) 25 MM	1		
622	982-673	CORE BIT (A) 29 MM	1		
623	982-674	CORE BIT (A) 32 MM	1	INCLUD. 624	
624	982-686	GUIDE PLATE (FOR CORE BIT 32 MM)	1		
625	982-675	CORE BIT (A) 35 MM	1	INCLUD. 626	
626	982-687	GUIDE PLATE (FOR CORE BIT 35 MM)	1		
627	982-676	CORE BIT (A) 38 MM	1	INCLUD. 628	
628	982-688	GUIDE PLATE (FOR CORE BIT 38 MM)	1		
629	982-677	CORE BIT (B) 45 MM	1	INCLUD. 630	
630	982-689	GUIDE PLATE (FOR CORE BIT 45 MM)	1		
631	982-678	CORE BIT (B) 50 MM	1	INCLUD. 632	
632	982-690	GUIDE PLATE (FOR CORE BIT 50 MM)	1		
633	971-794	ANCHOR SETTING ADAPTER A W1/4" (MANUAL)	1		
634	971-795	ANCHOR SETTING ADAPTER A W5/16" (MANUAL)	1		
635	971-796	ANCHOR SETTING ADAPTER A W3/8" (MANUAL)	1		
636	971-797	ANCHOR SETTING ADAPTER A W1/2" (MANUAL)	1		
637	971-798	ANCHOR SETTING ADAPTER A W5/8" (MANUAL)	1		
638	971-799	ANCHOR SETTING ADAPTER B W1/4" (MANUAL)	1		
639	971-800	ANCHOR SETTING ADAPTER B W5/16" (MANUAL)	1		
640	971-801	ANCHOR SETTING ADAPTER B W3/8" (MANUAL)	1		
641	971-802	ANCHOR SETTING ADAPTER B W1/2" (MANUAL)	1		
642	971-803	ANCHOR SETTING ADAPTER B W5/8" (MANUAL)	1		
643	944-460	TAPER SHANK DRILL BIT D11 X 100	1		
644	944-461	TAPER SHANK DRILL BIT D12.3 X 110	1		
645	993-038	TAPER SHANK DRILL BIT D12.7 X 110	1		
646	944-462	TAPER SHANK DRILL BIT D14.3 X 110	1		
647	944-500	TAPER SHANK DRILL BIT D14.5 X 110	1		
648	944-463	TAPER SHANK DRILL BIT D17.5 X 120	1		
649	944-464	TAPER SHANK DRILL BIT D21.5 X 140	1		
650	320-859	SYRINGE (BLOW-OUT BULB TYPE)	1		

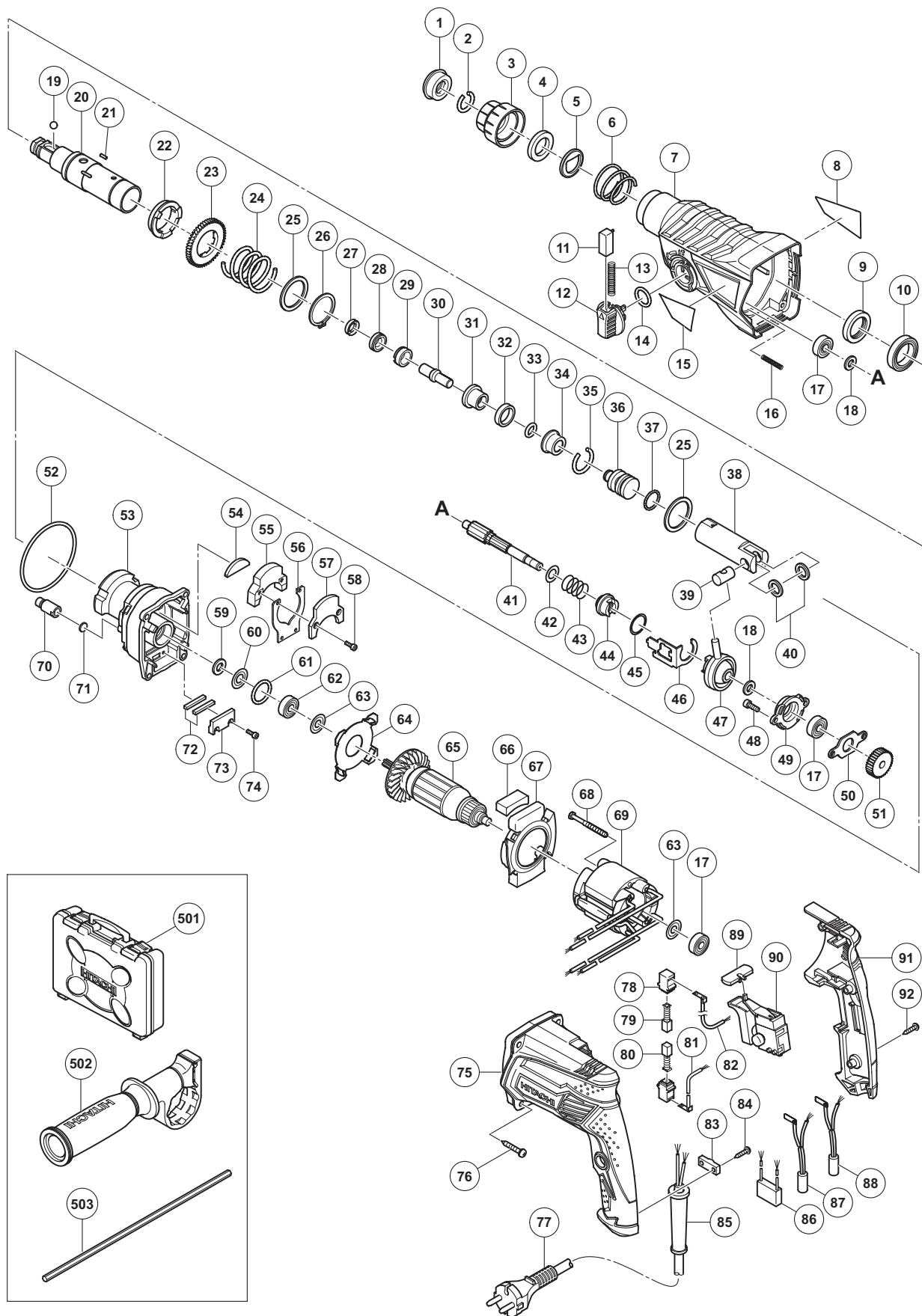
DH 26PB

- 6 -

ELECTRIC TOOL PARTS LIST

■ ROTARY HAMMER Model DH 28PBY

2013.5.22
(E1)



PARTS

DH 28PBY

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
1	306-345	FRONT CAP	1		
2	306-340	STOPPER RING	1		
3	324-527	GRIP	1		
4	324-528	BALL HOLDER	1		
5	324-526	HOLDER PLATE	1		
6	322-812	HOLDER SPRING	1		
7	335-258	GEAR COVER	1		
8		NAME PLATE	1		
9	335-259	OIL SEAL	1		
10	335-260	BALL BEARING 6805DD	1		
11	322-789	PUSHING BUTTON	1		
12	334-011	CHANGE LEVER	1		
13	317-223	PUSHING SPRING	1		
14	878-885	O-RING (S-18)	1		
15		HITACHI LABEL	1		
16	335-800	SPRING (E)	1		
17	608-VVM	BALL BEARING 608VVC2PS2L	3		
18	335-250	BEARING WASHER	2		
19	335-300	STEEL BALL D7.0 (10 PCS.)	1		
20	335-261	CYLINDER	1		
21	335-264	PIN D2.5	4		
22	335-263	CYLINDER CLUTCH	1		
23	335-265	SECOND GEAR	1		
24	335-266	SPRING (A)	1		
25	301-679	WASHER (A)	2		
26	948-310	RETAINING RING FOR D30 SHAFT	1		
27	335-262	OIL SEAL (A)	1		
28	335-268	HAMMER HOLDER (C)	1		
29	335-795	SLEEVE (FW)	1		
30	335-269	SECOND HAMMER	1		
31	335-267	HAMMER HOLDER (A)	1		
32	322-805	DAMPER (A)	1		
33	322-808	O-RING (C)	1		
34	324-524	DAMPER HOLDER	1		
35	322-807	STOPPER RING	1		
36	335-246	STRIKER	1		
37	335-247	O-RING D17	1		
38	335-255	PISTON	1		
39	335-793	PISTON PIN	1		
40	335-794	PISTON WASHER	2		
41	335-248	SECOND SHAFT	1		
42	335-251	WASHER (C)	1		
43	323-182	CLUTCH SPRING	1		
44	335-254	CLUTCH	1		
45	331-315	WASHER	1		
46	335-252	CHANGE PLATE	1		
47	335-249	RECIPROCATING BEARING	1		
48	990-079	SEAL LOCK HEX. SOCKET HD. BOLT M5 X 16	2		
49	335-270	BEARING HOLDER	1		
50	335-271	BEARING COVER	1		

PARTS

DH 28PBY

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
51	335-253	FIRST GEAR	1		
52	335-245	O-RING D72.2	1		
53	335-798	INNER COVER	1		
54	335-285	WEIGHT DAMPER (A)	1		
55	335-280	WEIGHT (A)	1		
56	335-282	LEAF SPRING	1		
57	335-281	WEIGHT (B)	1		
58	325-241	SEAL LOCK HEX. SOCKET HD. BOLT M3 X 8	2		
59	322-816	FELT PACKING	1		
60	322-818	PACKING WASHER	1		
61	876-796	O-RING (P-22)	1		
62	608-DDM	BALL BEARING 608DDC2PS2L	1		
63	982-631	WASHER (A)	2		
64	335-279	COVER PLATE	1		
* 65	360-961U	ARMATURE ASS'Y 110 V-127 V	1	INCLUD. 17, 62, 63	
* 65	360-961E	ARMATURE 220 V-230 V	1		
* 65	360-961F	ARMATURE 240V	1		
66	335-286	WEIGHT DAMPER (B)	1		
67	335-244	FAN GUIDE	1		
68	961-672	HEX. HD. TAPPING SCREW D4 X 50	2		
* 69	340-850C	STATOR 110 V-127 V	1		
* 69	340-850G	STATOR 110 V	1	FOR TPE	
* 69	340-850E	STATOR 220 V-230 V	1		
* 69	340-850F	STATOR 240 V	1		
70	334-008	AIR CAP	1		
71	324-543	FELT PACKING (A)	1		
72	335-284	SPRING DAMPER	2		
73	335-283	SPRING HOLDER	1		
74	983-162	SEAL LOCK HEX. SOCKET HD. BOLT M4 X 12	2		
75	335-241	HOUSING	1		
76	301-654	TAPPING SCREW (W/FLANGE) D5 X 35	4		
* 77	500-390Z	CORD	1	(CORD ARMOR D8.8)	
* 77	500-235Z	CORD	1	(CORD ARMOR D8.8) FOR INA, IND, PAN (220 V)	
* 77	500-249Z	CORD	1	(CORD ARMOR D8.8) FOR PAN (120 V), MEX	
* 77	500-424Z	CORD	1	(CORD ARMOR D8.8) FOR SIN, UAE	
* 77	500-239Z	CORD	1	(CORD ARMOR D10.1) FOR THA, VEN	
* 77	500-487Z	CORD	1	(CORD ARMOR D8.8) FOR BRA	
* 77	500-408Z	CORD	1	(CORD ARMOR D8.8) FOR AUS	
* 77	500-391Z	CORD	1	(CORD ARMOR D8.8) FOR SUI	
* 77	500-456Z	CORD	1	(CORD ARMOR D8.8) FOR CHN	
* 77	500-440Z	CORD	1	(CORD ARMOR D8.8) FOR HKG	
* 77	323-974	CORD	1	(CORD ARMOR D10.1) FOR TPE	
* 77	500-475Z	CORD	1	(CORD ARMOR D8.8) FOR KOR	
* 77	500-446Z	CORD	1	(CORD ARMOR D8.8) FOR GBR (230 V)	
* 77	500-465Z	CORD	1	(CORD ARMOR D8.8) FOR GBR (110 V)	
78	955-203	BRUSH HOLDER	2		
79	999-041	CARBON BRUSH (1 PAIR)	1		
80	999-072	CARBON BRUSH (AUTO STOP TYPE) (1 PAIR)	1		
* 81	324-538	INTERNAL WIRE (A) (BLUE)	1	FOR BRA, PAN, MEX, THA, INA, SIN, HKG, UAE, IND, VEN	

DH 28PBY

STANDARD ACCESSORIES

- 4 -

OPTIONAL ACCESSORIES

DH 28PBY

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
601	306-885	DUST COLLECTOR (B) ASS'Y	1	INCLUD. 602, 610	
602	986-802	DUST COLLECTOR ASS'Y	1	INCLUD. 603-609	
603	986-803	DUST COVER	1		
604	986-804	SEAL COVER	1		
605	948-310	RETAINING RING FOR D30 SHAFT	1		
606	958-063	WASHER	1		
607	959-150	STEEL BALL D6.35 (10 PCS.)	19		
608	986-805	OUTER RACE	1		
609	986-806	SOCKET	1		
610	306-910	SOCKET ADAPTER (B)	1		
611	971-787	DUST CUP	1		
612	931-844	STOPPER	1		
613	321-814	DRILL CHUCK 13VLRB-D	1	INCLUD. 614	
614	331-966	FLAT HD. SCREW (LEFT HAND) M6 X 20	1		
615	321-813	DRILL CHUCK 13VLD-D	1		
616	971-511Z	+ DRIVER BIT (A) NO. 2 25L	1		
617	971-512Z	+ DRIVER BIT (A) NO. 3 25L	1		
618	944-477	COTTER	1		
619	982-684	CENTER PIN (A) 109L FOR CORE BIT D32-38	1		
620	982-685	CENTER PIN (B) 104L FOR CORE BIT D45-90	1		
621	982-672	CORE BIT (A) 25 MM	1		
622	982-673	CORE BIT (A) 29 MM	1		
623	982-674	CORE BIT (A) 32 MM	1	INCLUD. 624	
624	982-686	GUIDE PLATE (FOR CORE BIT 32 MM)	1		
625	982-675	CORE BIT (A) 35 MM	1	INCLUD. 626	
626	982-687	GUIDE PLATE (FOR CORE BIT 35 MM)	1		
627	982-676	CORE BIT (A) 38 MM	1	INCLUD. 628	
628	982-688	GUIDE PLATE (FOR CORE BIT 38 MM)	1		
629	982-677	CORE BIT (B) 45 MM	1	INCLUD. 630	
630	982-689	GUIDE PLATE (FOR CORE BIT 45 MM)	1		
631	982-678	CORE BIT (B) 50 MM	1	INCLUD. 632	
632	982-690	GUIDE PLATE (FOR CORE BIT 50 MM)	1		
633	971-794	ANCHOR SETTING ADAPTER A W1/4" (MANUAL)	1		
634	971-795	ANCHOR SETTING ADAPTER A W5/16" (MANUAL)	1		
635	971-796	ANCHOR SETTING ADAPTER A W3/8" (MANUAL)	1		
636	971-797	ANCHOR SETTING ADAPTER A W1/2" (MANUAL)	1		
637	971-798	ANCHOR SETTING ADAPTER A W5/8" (MANUAL)	1		
638	971-799	ANCHOR SETTING ADAPTER B W1/4" (MANUAL)	1		
639	971-800	ANCHOR SETTING ADAPTER B W5/16" (MANUAL)	1		
640	971-801	ANCHOR SETTING ADAPTER B W3/8" (MANUAL)	1		
641	971-802	ANCHOR SETTING ADAPTER B W1/2" (MANUAL)	1		
642	971-803	ANCHOR SETTING ADAPTER B W5/8" (MANUAL)	1		
643	944-460	TAPER SHANK DRILL BIT D11 X 100	1		
644	944-461	TAPER SHANK DRILL BIT D12.3 X 110	1		
645	993-038	TAPER SHANK DRILL BIT D12.7 X 110	1		
646	944-462	TAPER SHANK DRILL BIT D14.3 X 110	1		
647	944-500	TAPER SHANK DRILL BIT D14.5 X 110	1		
648	944-463	TAPER SHANK DRILL BIT D17.5 X 120	1		
649	944-464	TAPER SHANK DRILL BIT D21.5 X 140	1		
650	320-859	SYRINGE (BLOW-OUT BULB TYPE)	1		

DH 28PBY

- 6 -