## **Hitachi Power Tools**

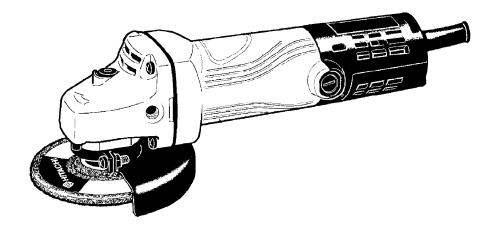
**SERVICE MANUAL** 

LIST No. PDA-100M: E270 Sep. 2005

PRODUCT NAME

# Hitachi Disc Grinder Model PDA-100M

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#### 1. PRECAUTIONS IN DISASSEMBLY AND REASSEMBLY

The **[Bold]** numbers in the descriptions below correspond to the item numbers in the Parts List and the exploded assembly diagram for Model PDA-100M.

#### 1-1. Disassembly

- (1) Disassembly of the armature
  - 1) Remove the Brush Caps [38] and take out the Carbon Brushes [39].
  - 2) Loosen the four Tapping Screws D5 x 25 (Black) [1] which fix the Gear Cover Ass'y [3] to remove the Armature [7] from the Housing [33] together with the Bearing Holder [6].
  - 3) Loosen the Special Nut M7 [4] which fixes the pinion to remove the pinion.
  - 4) Insert the hooks of the J-204 bearing puller between the Ball Bearing 628VVC2PS2-L [5] and the Bearing Holder [6] from both sides and fix the hooks with the wing bolts.
  - 5) Place the J-204 bearing puller on a supporting jig and push down on the tip of the armature shaft with a hand press to remove the Ball Bearing 628VVC2PS2-L [5]. Then remove the Bearing Holder [6].

#### (2) Disassembly of the dust seal

- 1) Insert the hooks of the J-204 bearing puller between the commutator and the Dust Seal [11] from both sides, and fix the hooks with the wing bolts.
- 2) Place the J-204 bearing puller on a supporting jig and push down on the armature shaft with a hand press to remove the Dust Seal [11] together with the Ball Bearing 608VVC2PS2L [12]. Replace the Dust Seal [11] with new one because it is damaged by the removal of the Ball Bearing 608VVC2PS2L [12].

#### (3) Disassembly of stator (A)

- 1) Remove the Armature [7] and loosen the Tapping Screw (W/Flange) D4 x 25 (Black) [47] to remove Tail Cover (B) [46].
- 2) Loosen the two Machine Screws (W/Washer) M3.5 x 6 [48] that secure the internal wire of the Cord [54] and Stator (A) [10] to the Switch (1P Screw Type) [49] and loosen the two screws of the Pillar Terminal [43]. Remove the two internal wires from the Cord [54] and the Pillar Terminal [43].
- 3) Remove the Tapping Screw (W/Flange) D4 x 40 [37] and the Tapping Screw (W/Flange) D4 x 20 (Black) [36]. Remove Tail Cover (A) [35] then remove the Earth Terminal [41] from the Housing [33].
- 4) Disconnect the two internal wires of Stator (A) [10] coming from the Brush Holder [40] of Stator (A) [10].
- 5) Remove the Fan Guide [8] from the Housing [33].
- 6) Loosen the Tapping Screw (W/Flange) D4 x 70 [9] securing Stator (A) [10]. Remove Stator (A) [10] from the Housing [33].

- (4) Disassembly of the gear
  - 1) Loosen the four Seal Lock Screws (W/Sp. Washer) M4 x 12 [21] that secure the Packing Gland [20] to the Gear Cover Ass'y [3] and remove the Packing Gland [20] from the Gear Cover Ass'y [3].
  - 2) Remove the Retaining Ring for D11 Shaft [13] that secures the gear to the Spindle [23].
  - 3) Remove the Wave Washer [14] and the gear from the Spindle [23].

#### 1-2. Reassembly

Push the parts together in the reverse order of disassembly, with the precautions given below.

- (1) Ensure that the terminals of the stator are not bent or otherwise damaged.
- (2) Generously lubricate the teeth of the gear and the pinion with grease. Rub grease onto the teeth with your fingers so that the grease reaches each tooth bottom. Note that the gear and the pinion may wear faster than normal if under-lubricated.
- (3) Be sure to soak the inner diameter of the Felt Packing [19] with machine oil. Otherwise, its dust-sealing function will fail to work properly, resulting in earlier damage of the Ball Bearing 6201VVCMPS2L [18].
- (4) When replacing the Armature [7] and the Ball Bearing 608VVC2PS2L [12] on the commutator side, press inward on the Dust Seal [11] while taking care of its direction until the end face of the Dust Seal [11] contacts against the end surface of the Armature [7] and make sure that Dust Seal [11] cannot be turned freely by hand. (See Fig. 1).

The Dust Seal [11] is an important element for improved dust protection of the Ball Bearing 608VVC2PS2L [12]. Be sure to replace with a new one each time.

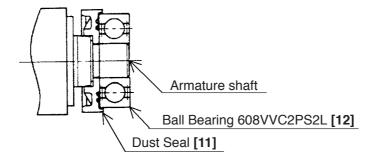


Fig. 1

(5) When connecting the Earth Terminal [41] to the internal wire (the middle wire among three) of the Noise Suppressor [45], strip the insulation sheath on the internal wire by about 6 mm and press-connect it together with the Earth Terminal [41] with a clamping tool available on the market.

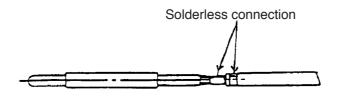
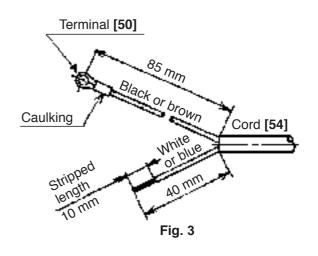


Fig. 2

- (6) Mount the Cord [54] according to the following procedure when replacing the standard cord (cord armor is integrally molded).
  - 1) Remove the standard cord (cord armor is integrally molded) according to the procedure of 8-1 (3).
  - 2) Strip the coating on the internal wire of the Cord [54] about 10 mm from the tip and crimp the Terminal [50] to the brown or black internal wire as shown in Fig. 3.
  - 3) Insert the Cord [54] into the Cord Armor D8.8 [51].
  - 4) Cut off the rib for holding the cord of Tail Cover (B) [46] with nippers as shown in Fig. 4.
  - 5) Mount the Cord [54] and the Cord Armor D8.8 [51] to Tail Cover (A) [35] and secure them with the Cord Clip [52] and two Tapping Screws (W/Flange) D4 x 16 [53] as shown in Fig. 5.
  - 6) Mount each internal wire reversing the removal procedure. Then mount Tail Cover (B) [46] to Tail Cover (A) [35] and secure them with the Tapping Screw (W/Flange) D4 x 25 (Black) [47].



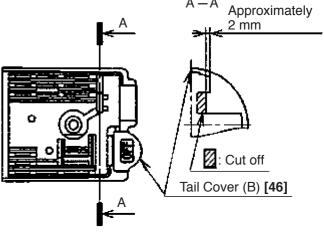
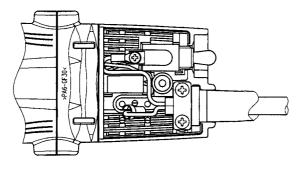
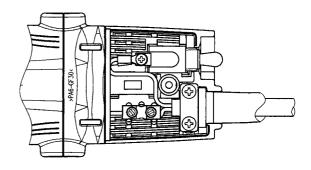


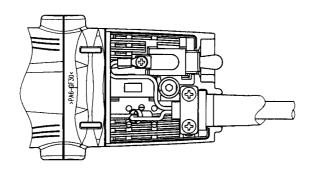
Fig. 4



(a) For Taiwan



(b) For Singapore and Malaysia



(c) For other countries

Fig. 5

- (7) Connect the internal wires of Stator (A) [10] correctly as shown in Fig. 6 and Fig. 7.
- (8) Connect each internal wire correctly as shown in Fig. 7 being careful not to put them between the parts.

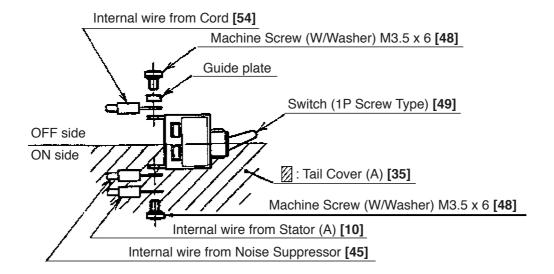


Fig. 6

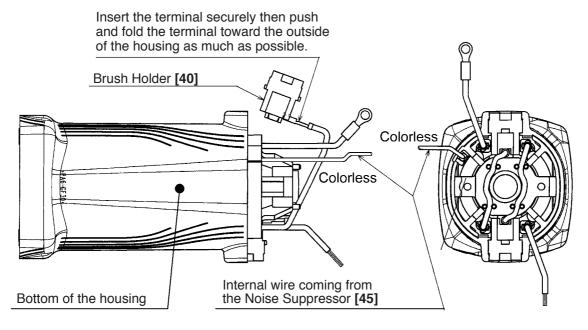


Fig. 7

- (9) When replacing the Gear Cover Ass'y [3], lubricate the needle bearing part with mixed oil.

  Mixed oil: A mixture of Hitachi Power Tool Grease No. 2 (Unilube No. 00 Code No. 939302 is recommended) and turbine oil
  - Mixture ratio ....... 1:1 (weight ratio)
- Quantity ..... 0.5 cc

#### 1-3. Lubrication Points and Types of Lubricant

• Pinion chamber of Gear Cover Ass'y [3] ...... Nippeco grease (SEP-3A) 5 g (Code No. 930035 is recommended.)

Generously rub grease onto the gear and pinion.

Needle bearing ...... Mixed oil 0.5 cc

Mixed oil: Mixture of Hitachi Power Tool Grease No. 2

(Unilube No. 00, Code No. 939302) and

turbine oil

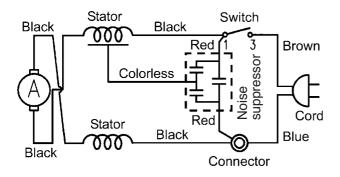
Mixture ratio ......1:1 (weight ratio)

#### 1-4. Tightening Torque

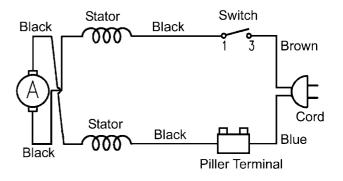
Tapping Screws D4 [9] [36] [37] [47] [53]
Seal Lock Screws (W/Sp. Washer) M4 <b>[16] [21]</b>
Tapping Screw D5 x 25 (Black) [1]
Machine Screw (W/Sp. Washer) M5x16 (Black) <b>[25]</b> 1.6 $\pm$ 0.4 N·m (16 $\pm$ 4 kgf·cm, 1.2 $\pm$ 0.3 fb-lbs.)
Special Nut M7 [4]
Brush Cap <b>[38]</b>

#### 1-5. Wiring Diagram

#### (1) For Taiwan



#### (2) For Singapore



#### (3) For other countries

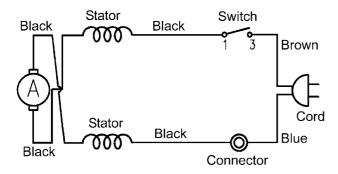


Fig. 8

#### 1-6. Insulation Tests

On completion of disassembly and repair, carefully measure the insulation resistance and conduct a dielectric strength test.

Insulation resistance:  $7~M~\Omega$  or more with 500 V DC megohm tester

Dielectric strength test: AC 4,000 V/1 minute with no abnormalities ................................. 220 V -- 240 V products

AC 3,500 V/1 minute with no abnormalities ...... 110 V — 127 V products

#### 1-7. No-load Current Value

After no-load running for 30 minutes, the no-load current value should be as follows.

Voltage (V)	110	220	230	240
Current (A) max.	2.6	1.2	1.2	1.2

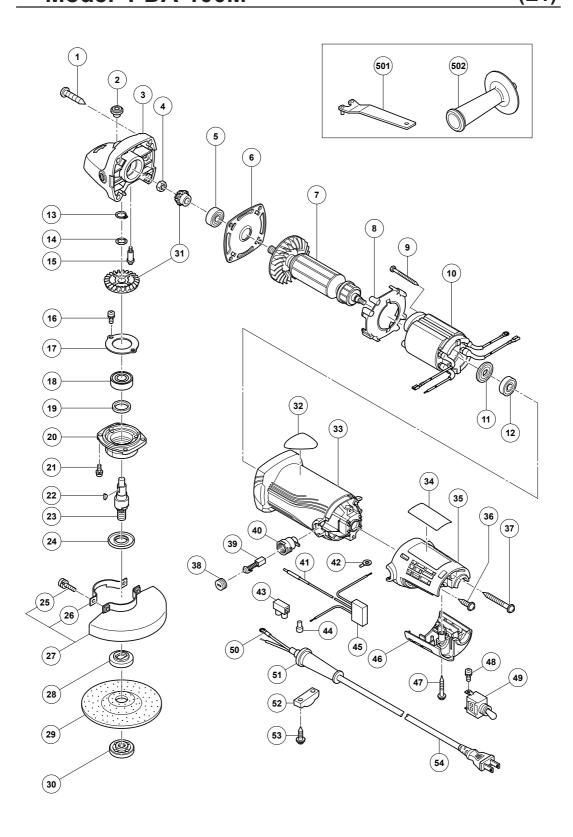
#### 2. STANDARD REPAIR TIME (UNIT) SCHEDULES

MODEL	Variable Fixed	10	20	30	40	50	60 min.
PDA-100M		Work Flow					
	General Assembly	Switch Tail Cover (A) Tail Cover (B) Cord Cord Armor		Housing Ass'y Stator			
	acticial Assembly		Armature Ball Bearing (628VV) Bearing Holder Dust Seal Ball Bearing (608VV)				
		Wheel Guard Ass'y	Gear Cover Ass'y Pushing Button Lock Pin	Packing Gland Ball Bearing (6201VV) Spindle Gear and Pinion Set			

### ELECTRIC TOOL PARTS LIST

■ DISC GRINDER Model PDA-100M

2005 · 9 · 5 (E1)



PARTS PDA-100M

TTEM   CODE NO.   DESCRIPTION   NO.   NUSED   REMARKS	
1 320-923 TAPPING SCREW D5X25 (BLACK) 4 2 301-944 PUSHING BUTTON 1 3 316-484 GEAR COVER ASS'Y 1 INCLUD. 2, 15 4 301-941 SPECIAL NUT M7 1 5 628-VVC BALL BEARING 628VC2PS2-L 1 6 316-480 BEARING HOLDER 1 * 7 360-744C ARMATURE 10V 1 * 7 360-744C ARMATURE 20V 1 7 360-744E ARMATURE 23V 1 8 319-898 FAN GUIDE 1 9 319-358 TAPPING SCREW (W/FLANGE) D4X70 2 * 10 340-649C STATOR (A) 110V 1 * 10 340-649C STATOR (A) 110V 1 11 315-877 DUST SEAL 1 12 608-VVM BALL BEARING 608VVC2PS2L 1 13 316-487 RETAINING RING FOR D11 SHAFT 1 14 316-486 WAVE WASHER 1 15 301-943 LOCK PIN 1 16 997-263 SEAL LOCK SCREW (W/SP WASHER) M4X10 2 17 316-490 BEARING COVER 1 18 620-1VV BALL BEARING 6201VVCMPS2L 1 19 301-946 FELT PACKING 1 20 316-489 PACKING GLAND 1 21 307-127 SEAL LOCK SCREW (W/SP WASHER) M4X12 4 22 302-047 WOODRUFF KEY 1 23 316-485 SPINDLE 1 24 301-945 FRINGER 1 25 308-386 MACHINE SCREW (W/SP WASHER) M5X16 (BLACK) 2 26 301-949 SET LATE (M/SP WASHER) M5X16 (BLACK) 2 26 301-949 SET LATE (M/SP WASHER) M5X16 (BLACK) 2 26 301-949 SET LATE (M/SP WASHER) M5X16 (BLACK) 2 26 301-949 SET LATE (M/SP WASHER) M5X16 (BLACK) 2 26 301-949 SET LATE (M/SP WASHER) M5X16 (BLACK) 2 27 301-948 WHEEL WASHER 1 28 320-997 WHEEL WASHER (M/SP WASHER) M5X16 (BLACK) 2 30 321-795 WHEEL WASHER 1 31 321-450 GEAR AND PINION SET 1 31 331 340-460 ET PINION SCREW (W/FLANGE) D4X40 1	
3 316-484 GEAR COVER ASS'Y 1 1 INCLUD. 2, 15 4 301-941 SPECIAL NUT M7 5 628-VVC BALL BEARING 628VVC2PS2-L 1 6 316-480 BEARING HOLDER 1 7 360-744C ARMATURE 110V 1 7 7 360-744C ARMATURE 230V 1 7 360-744F ARMATURE 230V 1 8 319-898 FAN GUIDE 1 9 319-358 TAPPING SCREW (WFLANGE) D4X70 2 10 340-649C STATOR (A) 110V 1 11 315-877 DUST SEAL 1 12 608-VVM BALL BEARING 608VVC2PS2L 1 13 316-487 RETAINING RING FOR D11 SHAFT 1 14 316-486 WAVE WASHER 1 15 301-943 LOCK PIN 1 16 997-263 SEAL LOCK SCREW (WISP. WASHER) M4X10 2 17 316-490 BEARING COVER 1 18 620-1VV BALL BEARING 6201VVCMPS2L 1 19 301-946 FELT PACKING 1 20 316-489 PACKING GLAND 1 21 307-127 SEAL LOCK SCREW (WISP. WASHER) M4X12 4 22 302-047 WOODRUFF KEY 1 23 316-485 SPINDLE 1 24 301-945 FRINGER 1 25 308-386 MACHING SCREW (WISP. WASHER) M5X16 (BLACK) 2 26 301-949 SET PLATE 1 27 301-948 WHEEL GUARD ASS'Y 1 INCLUD. 25, 26 30 321-795 WHEEL WASHER 1 30 325-140 HOUSING 1 30 AME PLATE 1 30 302-086 TAPPING SCREW (WISP. WASHER) D4X40 (15 DAS) 1 30 325-140 NOME PLATE 1 30 302-086 TAPPING SCREW (WISP. WASHER) D4X40 (15 DAS) 1 30 325-140 NOME PLATE 1 30 302-087 WHEEL WASHER 1 30 302-087 TWHEEL WASHER 1 30 302-087 TWHEEL WASHER 1 30 302-087 TWHEEL WASHER 1 30 302-088 TAPPING SCREW (WIFLANGE) D4X40 (15 DAS) 1 31 325-143 TAIL COVER (A) 1 31 326-864 TAPPING SCREW (WIFLANGE) D4X40 (15 DAS) 1	
4 301-941 SPECIAL NUT M7 1 1 5 628-VVC BALL BEARING 628VVC2PS2-L 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
5         628-VVC         BALL BEARING 628VVC2PS2-L         1           6         316-480         BEARING HOLDER         1           7         360-744C         ARMATURE 110V         1           *         7         360-744F         ARMATURE 220V         1           *         7         360-744F         ARMATURE 230V         1           *         7         360-744F         ARMATURE 240V         1           8         319-388         FAN GUIDE         1           9         319-388         FAN GUIDE         1           10         340-649C         STATOR (A) 110V         1           *         10         340-649E         STATOR (A) 220V-240V         1           11         315-877         DUST SEAL         1           12         608-VVM         BALL BEARING 608VVC2PS2L         1           13         316-487         RETAINING RING FOR D11 SHAFT         1           14         316-486         WAVE WASHER         1           15         301-943         LOCK PIN         1           16         997-263         SEAL LOCK SCREW (WSP. WASHER) MAX10         2           17         316-499         BEARING COVER <t< td=""><td></td></t<>	
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14       316-486       WAVE WASHER       1         15       301-943       LOCK PIN       1         16       997-263       SEAL LOCK SCREW (W/SP. WASHER) M4X10       2         17       316-490       BEARING COVER       1         18       620-1VV       BALL BEARING 6201VVCMPS2L       1         19       301-946       FELT PACKING       1         20       316-489       PACKING GLAND       1         21       307-127       SEAL LOCK SCREW (W/SP. WASHER) M4X12       4         22       302-047       WOODRUFF KEY       1         23       316-485       SPINDLE       1         24       301-945       FRINGER       1         25       308-386       MACHINE SCREW (W/SP. WASHER) M5X16 (BLACK)       2         26       301-949       SET PLATE       1         27       301-948       WHEEL GUARD ASS'Y       1       INCLUD. 25, 26         28       320-497       WHEEL WASHER       1         29       316-820       D. C. WHEELS 100MMX4T A36Q (25 PCS.)       1         30       321-795       WHEEL NUT (C)       1         31       321-450       GEAR AND PINION SET       1	
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16       997-263       SEAL LOCK SCREW (W/SP. WASHER) M4X10       2         17       316-490       BEARING COVER       1         18       620-1VV       BALL BEARING 6201VVCMPS2L       1         19       301-946       FELT PACKING       1         20       316-489       PACKING GLAND       1         21       307-127       SEAL LOCK SCREW (W/SP. WASHER) M4X12       4         22       302-047       WOODRUFF KEY       1         23       316-485       SPINDLE       1         24       301-945       FRINGER       1         25       308-386       MACHINE SCREW (W/SP. WASHER) M5X16 (BLACK)       2         26       301-949       SET PLATE       1         27       301-948       WHEEL GUARD ASS'Y       1       INCLUD. 25, 26         28       320-497       WHEEL WASHER       1         29       316-820       D. C. WHEELS 100MMX4T A36Q (25 PCS.)       1         30       321-795       WHEEL NUT (C)       1         31       321-450       GEAR AND PINION SET       1         32       HITACHI LABEL       1         33       325-140       HOUSING       1         34 <td></td>	
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22       302-047       WOODRUFF KEY       1         23       316-485       SPINDLE       1         24       301-945       FRINGER       1         25       308-386       MACHINE SCREW (W/SP. WASHER) M5X16 (BLACK)       2         26       301-949       SET PLATE       1         27       301-948       WHEEL GUARD ASS'Y       1 INCLUD. 25, 26         28       320-497       WHEEL WASHER       1         29       316-820       D. C. WHEELS 100MMX4T A36Q (25 PCS.)       1         30       321-795       WHEEL NUT (C)       1         31       321-450       GEAR AND PINION SET       1         32       HITACHI LABEL       1         33       325-140       HOUSING       1         34       NAME PLATE       1         35       325-143       TAIL COVER (A)       1         36       302-086       TAPPING SCREW (W/FLANGE) D4X20 (BLACK)       1         37       306-664       TAPPING SCREW (W/FLANGE) D4X40       1	
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24       301-945       FRINGER       1         25       308-386       MACHINE SCREW (W/SP. WASHER) M5X16 (BLACK)       2         26       301-949       SET PLATE       1         27       301-948       WHEEL GUARD ASS'Y       1 INCLUD. 25, 26         28       320-497       WHEEL WASHER       1         29       316-820       D. C. WHEELS 100MMX4T A36Q (25 PCS.)       1         30       321-795       WHEEL NUT (C)       1         31       321-450       GEAR AND PINION SET       1         32       HITACHI LABEL       1         33       325-140       HOUSING       1         34       NAME PLATE       1         35       325-143       TAIL COVER (A)       1         36       302-086       TAPPING SCREW (W/FLANGE) D4X20 (BLACK)       1         37       306-664       TAPPING SCREW (W/FLANGE) D4X40       1	
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27       301-948       WHEEL GUARD ASS'Y       1       INCLUD. 25, 26         28       320-497       WHEEL WASHER       1         29       316-820       D. C. WHEELS 100MMX4T A36Q (25 PCS.)       1         30       321-795       WHEEL NUT (C)       1         31       321-450       GEAR AND PINION SET       1         32       HITACHI LABEL       1         33       325-140       HOUSING       1         34       NAME PLATE       1         35       325-143       TAIL COVER (A)       1         36       302-086       TAPPING SCREW (W/FLANGE) D4X20 (BLACK)       1         37       306-664       TAPPING SCREW (W/FLANGE) D4X40       1	
28       320-497       WHEEL WASHER       1         29       316-820       D. C. WHEELS 100MMX4T A36Q (25 PCS.)       1         30       321-795       WHEEL NUT (C)       1         31       321-450       GEAR AND PINION SET       1         32       HITACHI LABEL       1         33       325-140       HOUSING       1         34       NAME PLATE       1         35       325-143       TAIL COVER (A)       1         36       302-086       TAPPING SCREW (W/FLANGE) D4X20 (BLACK)       1         37       306-664       TAPPING SCREW (W/FLANGE) D4X40       1	
29       316-820       D. C. WHEELS 100MMX4T A36Q (25 PCS.)       1         30       321-795       WHEEL NUT (C)       1         31       321-450       GEAR AND PINION SET       1         32       HITACHI LABEL       1         33       325-140       HOUSING       1         34       NAME PLATE       1         35       325-143       TAIL COVER (A)       1         36       302-086       TAPPING SCREW (W/FLANGE) D4X20 (BLACK)       1         37       306-664       TAPPING SCREW (W/FLANGE) D4X40       1	
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31       321-450       GEAR AND PINION SET       1         32       HITACHI LABEL       1         33       325-140       HOUSING       1         34       NAME PLATE       1         35       325-143       TAIL COVER (A)       1         36       302-086       TAPPING SCREW (W/FLANGE) D4X20 (BLACK)       1         37       306-664       TAPPING SCREW (W/FLANGE) D4X40       1	
32 HITACHI LABEL 1 33 325-140 HOUSING 1 34 NAME PLATE 1 35 325-143 TAIL COVER (A) 1 36 302-086 TAPPING SCREW (W/FLANGE) D4X20 (BLACK) 1 37 306-664 TAPPING SCREW (W/FLANGE) D4X40 1	
33       325-140       HOUSING       1         34       NAME PLATE       1         35       325-143       TAIL COVER (A)       1         36       302-086       TAPPING SCREW (W/FLANGE) D4X20 (BLACK)       1         37       306-664       TAPPING SCREW (W/FLANGE) D4X40       1	
34     NAME PLATE     1       35     325-143     TAIL COVER (A)     1       36     302-086     TAPPING SCREW (W/FLANGE) D4X20 (BLACK)     1       37     306-664     TAPPING SCREW (W/FLANGE) D4X40     1	
35 325-143 TAIL COVER (A) 1 36 302-086 TAPPING SCREW (W/FLANGE) D4X20 (BLACK) 1 37 306-664 TAPPING SCREW (W/FLANGE) D4X40 1	
36 302-086 TAPPING SCREW (W/FLANGE) D4X20 (BLACK) 1 37 306-664 TAPPING SCREW (W/FLANGE) D4X40 1	
37 306-664 TAPPING SCREW (W/FLANGE) D4X40 1	
38 936-551 BRUSH CAP 2	
39 999-021 CARBON BRUSH (1 PAIR) 2	
40 313-777 BRUSH HOLDER 2	
* 41 314-854 EARTH TERMINAL 1 FOR TPE	
* 42 980-063 TERMINAL 1 FOR NOISE SUPPRESSOR	
* 43 938-307 PILLAR TERMINAL 1 FOR SIN, IND	
* 44 959-140 CONNECTOR 50091 (10 PCS.) 1 EXCEPT FOR SIN, IND	
* 45 994-273 NOISE SUPPRESSOR 1 FOR TPE	
* 46 325-141 TAIL COVER (B) 1	
* 46 325-142 TAIL COVER 1 FOR SYR	

PARTS PDA-100M

	PAF	(15			'	2DA-1001V
	ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
t	47	304-035	TAPPING SCREW (W/FLANGE) D4X25 (BLACK)			
t	48	305-499	MACHINE SCREW (W/WASHER) M3.5X6	2		
ł	49	955-509	SWITCH (1P SCREW TYPE)	1		
ł	50	980-063	TERMINAL		FOR CORD	
ł	51	953-327	CORD ARMOR D8.8	1	- Cit Cond	
ŀ	52	937-631	CORD CLIP	1		
ŀ	53	984-750	TAPPING SCREW (W/FLANGE) D4X16		FOR SYR	
-	54	500-231Z	CORD	1	FORSTR	
ŀ					FOR INA IND	
ł	54	500-409Z	CORD		FOR INA, IND	
ļ	54	500-447Z	CORD		FOR SYR	
ŀ	54	500-468Z	CORD		FOR THA	
	54	500-470Z	CORD	1	FOR TPE	
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#### STANDARD ACCESSORIES

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
501	313-933	WRENCH	1		
502	302-142	SIDE HANDLE	1	FOR TPE, SIN, KUW	

#### **OPTIONAL ACCESSORIES**

<u> </u>	11011/ LE /	CCESSURIES			
ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
601	302-098	GUIDE BASE	1		
602	302-099	WHEEL GUARD FOR 100MM CUT-OFF WHEEL	1		
603	984-646	WHEEL NUT FOR 100MM CUT-OFF WHEEL	1		
604	323-918	DUST COLLECTION ADAPTER (DISC GRINDER)	1		
605	314-053	SANDING DISCS 100MM C-P24 (10 PCS.)	1		
606	314-054	SANDING DISCS 100MM C-P30 (10 PCS.)	1		
607	314-057	SANDING DISCS 100MM C-P50 (10 PCS.)	1		
608	314-059	SANDING DISCS 100MM C-P80 (10 PCS.)	1		
609	314-061	SANDING DISCS 100MM C-P120 (10 PCS.)	1		
610	314-051	SANDING DISCS 100MM C-P16 (10 PCS.)	1		
611	314-052	SANDING DISCS 100MM C-P20 (10 PCS.)	1		
612	314-055	SANDING DISCS 100MM C-P36 (10 PCS.)	1		
613	314-056	SANDING DISCS 100MM C-P40 (10 PCS.)	1		
614	314-058	SANDING DISCS 100MM C-P60 (10 PCS.)	1		
615	314-060	SANDING DISCS 100MM C-P100 (10 PCS.)	1		
616	954-021	SIDE HANDLE	1		
617	935-513	WASHER NUT M10XP1.5	1		
618	936-548	WASHER	1		
619	936-558Z	RUBBER PAD	1		