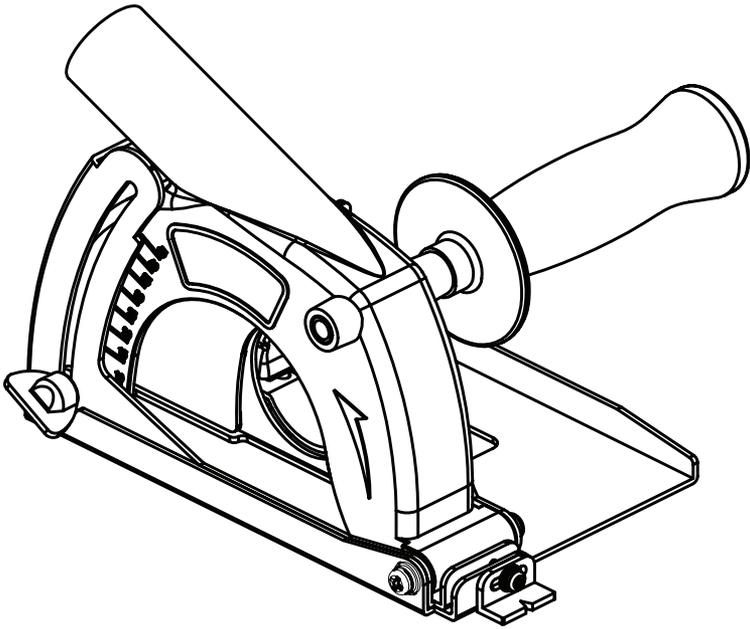


Alpha[®] Ecoguard Type W6
Dust Collection Cover
Instruction Manual



PART NO. ECOGRDW6
Version 1

TABLE OF CONTENTS

Introduction.....	3
About the Symbols	3
Precautions for using the Dust Collection Cover.....	3
Ecoguard Type W6 Overview	4
Ecoguard Type W6 Accessories.....	5
Components	5
Ecoguard Type W6 Spacers and Connectors	6
Installation of the Dust Collection Cover.....	7
Installing to Makita®, Milwaukee® or Bosch® High-Speed Angle Grinders	7
Installing to other High-Speed Angle Grinders with included other Connectors.....	8
Mounting Diamond Blade	9
Method 1	9
Method 2	10
Adjusting the Cutting Guide.....	11
Adjusting the Cutting Depth.....	12
Attaching to the Dust Collector Hose.....	13
Using the Dust Collection Cover without the Bottom Base.....	14
Attaching the Side Handle	15
Attachable Grinders for Ecoguard W6.....	16
Alpha® Ecoguard Type W6 Schematic	17
Alpha® Ecoguard Type W6 Parts List	18

INTRODUCTION

Thank you for purchasing the Alpha® Ecoguard Type W6 Dust Collection Cover. The Ecoguard Type W6 must be used with a vacuum, or other Dust Collection System. To ensure correct use, read this Instruction Manual and the Instruction Manual for the power tool and follow the operating instructions. Keep this manual in a place where operators can access it easily whenever necessary!

► ABOUT THE SYMBOLS

According to the hazard level, all safety notes in this manual are classified into “DANGER”, “WARNING”, and “CAUTION”.

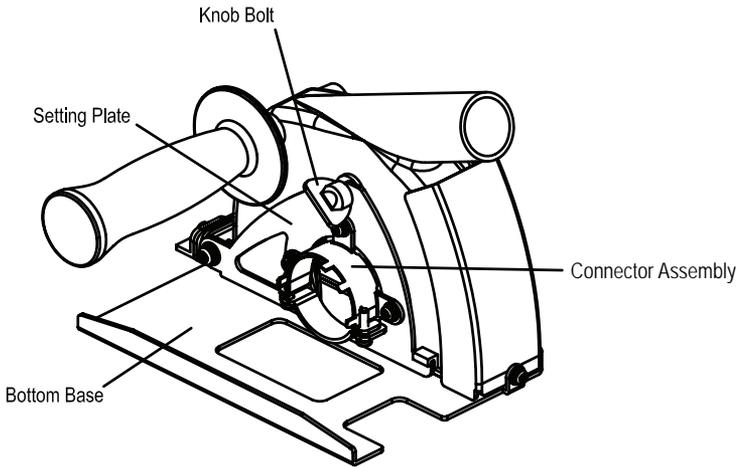
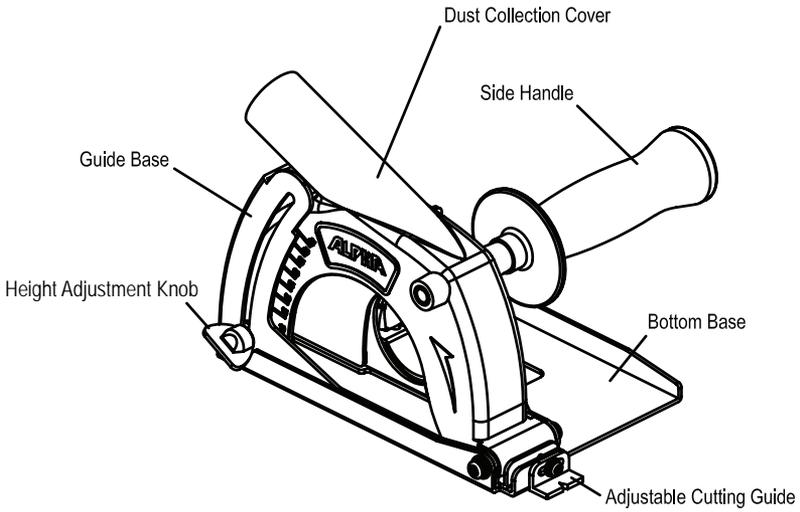
-  **DANGER!** Death or serious personal injury is imminent when handling this Dust Collection Cover incorrectly.
-  **WARNING!** There is a possibility of death or serious personal injury when handling this Dust Collection Cover incorrectly.
-  **CAUTION!** There is a possibility of personal injury or property damage when handling this Dust Collection Cover incorrectly.

Note: In some situations, failing to observe WARNING notes could result in death or serious personal injury. Be sure to read and observe the safety notes to ensure safety and correct use of the Dust Collection Cover.

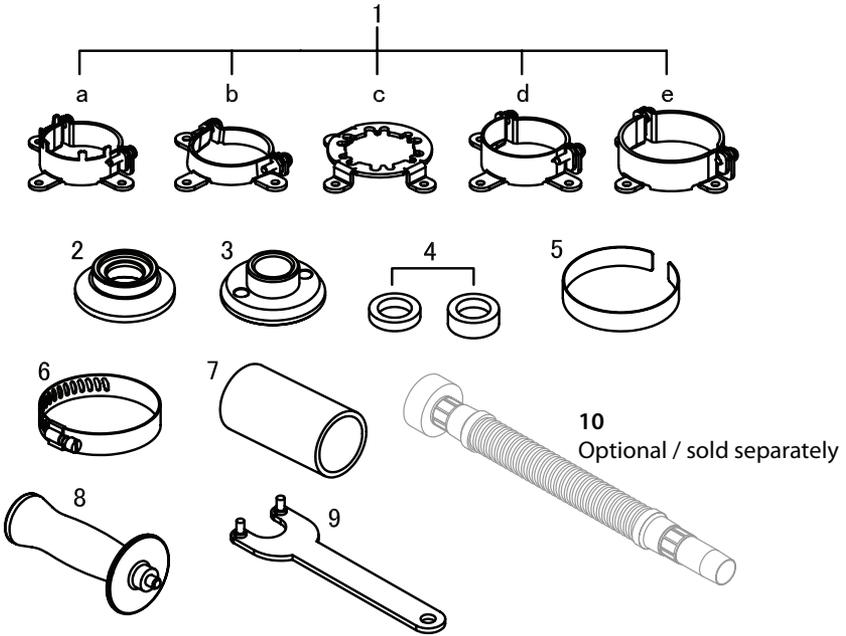
► PRECAUTIONS FOR USING THE DUST COLLECTION COVER

1. The Dust Collection Cover is for use with a 4.5" (115mm), 5" (125mm) and 6" (150mm) high-speed angle grinders.
2. The Dust Collection Cover is designed for cutting concrete, natural stone, engineered stone, sintered slabs, porcelain paver tiles and other masonry products. Do not use when cutting metal or other materials.
3. The Dust Collection Cover is solely designed for use with a diamond cutting blade. Do not use with any other type of blade such as a conventional abrasive wheel or carbide tip saw blade.
4. Always check the Dust Collection Cover for damage, cracks or deformation before starting work. Do not use the Dust Collection Cover if it is damaged, cracked or bent as this could cause to injury.
5. Always wear eye protection. Dust mask, nonskid safety shoes, hard hat, or hearing protection must be used for appropriate conditions.
6. Keep the Dust Collection Cover away from gasoline, thinner, petroleum and paraffin.
7. The supplied connector may not connect securely to every high-speed angle grinder. In this case, do not use the Dust Collection Cover.

ECOGUARD TYPE W6 OVERVIEW



ECOGUARD TYPE W6 ACCESSORIES



► COMPONENTS

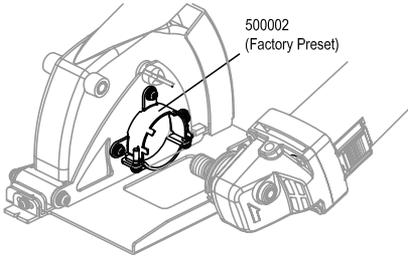
Connectors:

- a: Makita®, Milwaukee® & Bosch®: Preset to Ecoguard W6
- b: Hitachi® / Fein®
- c: Flex®
- d: Dewalt®
- e: Bosch® / Metabo® / Fein®

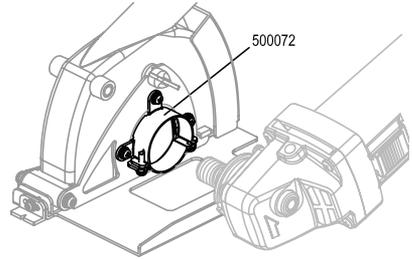
1. Inner Flange
2. Lock Nut (5/8"-11)
3. Spacers (T5.0, T7.0 / mm)
4. Collar (for Metabo® / Fein®)
5. Stainless Steel Hose Band
6. Rubber Hose Adapter
7. Side Handle
8. Pin Wrench
9. Flexible Connector Hose 18"

ECOGUARD TYPE W6 SPACERS AND CONNECTORS

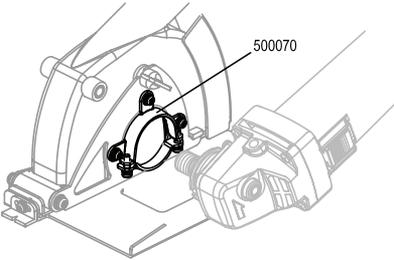
MAKITA®/MILWAUKEE®/BOSCH®



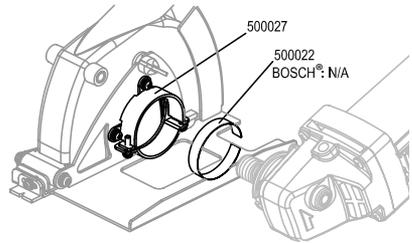
DEWALT®



HITACHI® / FEIN®

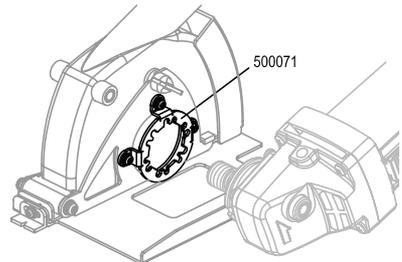
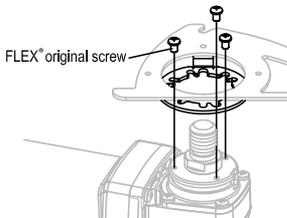


BOSCH® / METABO® / FEIN®



FLEX®

Attaching to FLEX® grinder



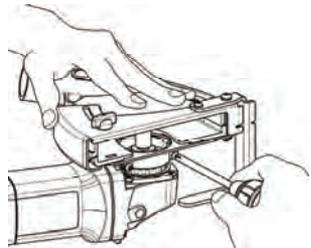
INSTALLATION OF THE DUST COLLECTION COVER

WARNING!

1. Be sure to turn off the high-speed angle grinder and remove the plug from the electrical outlet before attaching and installing the Dust Collection Cover.
2. Make sure the Dust Collection Cover is securely attached; otherwise it may come loose which could cause injury.
3. If you installed the Dust Collection Cover to a high-speed angle grinder but the connector is loose and can not be securely attached, do not use the Dust Collection Cover. Using it in this state could cause injury.

► INSTALLING TO MAKITA®, MILWAUKEE® OR BOSCH® HIGH-SPEED ANGLE GRINDERS

1. Dismantle the original safety guard and diamond cutting blade from the high-speed angle grinder.
2. Loosen the connector setting screws in the Dust Collection Cover and leave loose.
3. Attach the connector to the blade guard mount of the high-speed angle grinder. Adjust the angle of the Dust Collection Cover when attaching.
4. Using a Phillips screwdriver, tighten the two setting screws securely.



CAUTION!

This Dust Collection Cover is solely designed for applications with diamond blades. Do not use with any other type of blade such as a conventional abrasive cut-off blade or carbide tip saw blade.

INSTALLING TO OTHER HIGH-SPEED ANGLE GRINDERS WITH INCLUDED OTHER CONNECTIONS

If you install the Dust Collection Cover to a high-speed angle grinder but the connector is loose and cannot be securely attached, it may be necessary to change the connector designed for other makes.

1. Remove the three phillips screws in the connector attached to the Dust Collection Cover. (Fig. 3)
2. Attach the supplied connector by following the instruction in (1) above in reverse. (For Hitachi® & Fein® Grinders use Part No. 500070 / for Metabo®, Bosch® & Fein® use Part No. 500027 / for Flex® use Part No. 500071 / for Dewalt® use Part No. 500072)
3. Subsequent procedures are the same as for attaching the adapter to a high-speed angle grinder in case changing the connector is not needed.

HITACHI®/ FEIN®



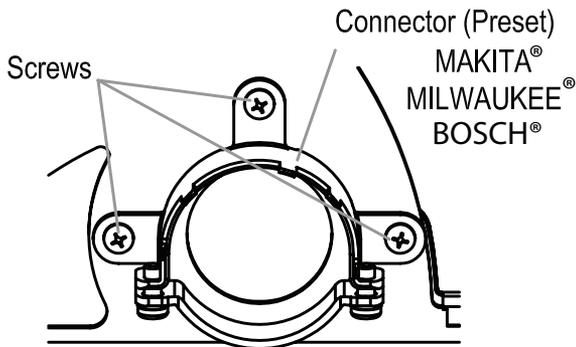
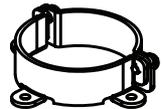
FLEX®



DEWALT®



BOSCH®
METABO®
FEIN®

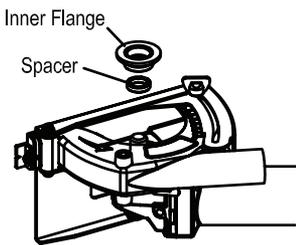


(Fig.3)

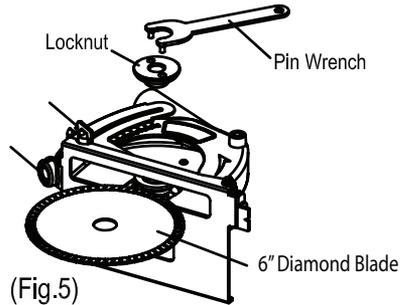
MOUNTING THE DIAMOND BLADE

► **Method 1**

1. Insert the inner flange to the spindle with the spacer as needed.
(Fig. 4)
2. Insert the diamond blade into the slot and place on the inner flange, then tighten the locknut using the supplied pin wrench
(Fig. 5)



(Fig. 4)

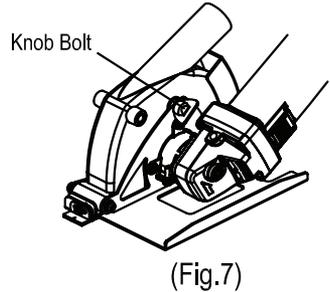
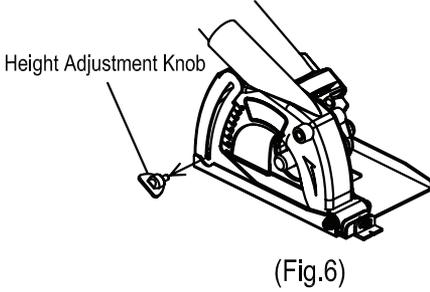


(Fig.5)

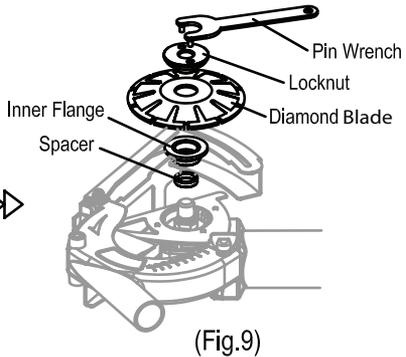
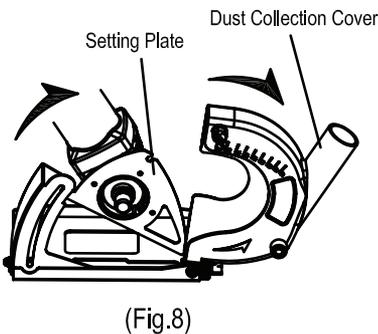
► **Method 2**

If the diamond blade cannot insert from the blade slot.

1. Remove the Height Adjustment Knob (Fig. 6) and loosen the Knob Bolt (Fig. 7)

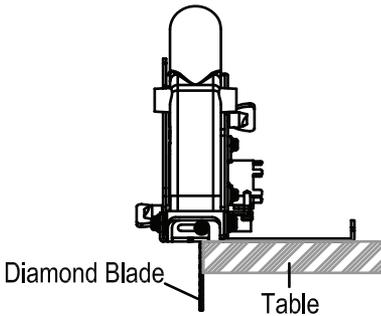
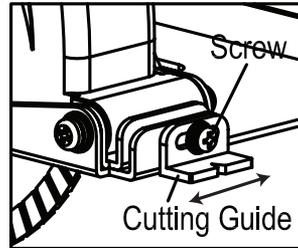
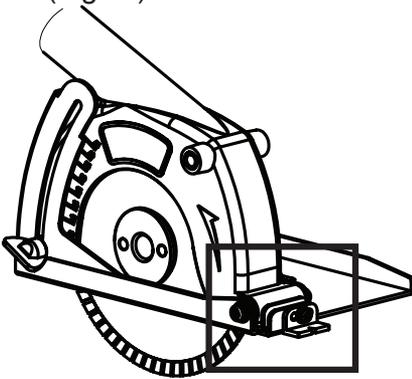


2. Open the Dust Collection Cover and the setting plate. (Fig. 8)
3. Insert the inner flange with the spacer as needed and place the diamond blade on the inner flange, then tighten the locknut using the supplied pin wrench. (Fig. 9)
4. Slide the Dust Collection Cover to the closed position and re-attach the Height Adjustment Knob.

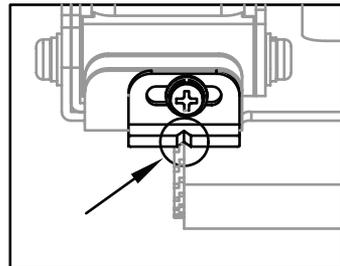


ADJUSTING THE CUTTING GUIDE

1. The Cutting Guide on the Dust Collection Cover can be manually adjusted after the diamond blade has been attached onto the grinder for alignment of the blade and cut line.
2. Place the Dust Collection Cover on the table and touch the diamond blade to the edge of the table (Fig. 10).
3. Loosen the screw and adjust the Cutting Guide by either sliding left or right so it aligns to the edge of the table together with the edge of the diamond blade and tighten the screw (Fig.11).



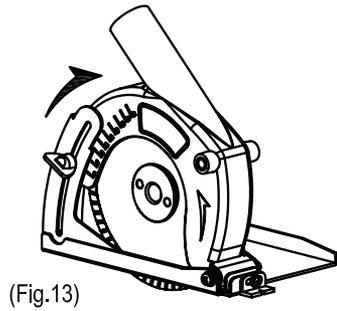
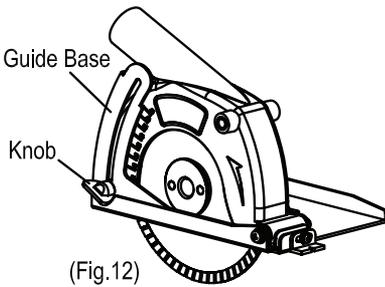
(Fig.10)



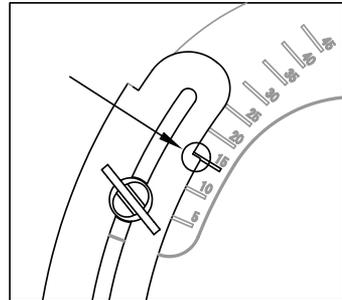
(Fig.11)

ADJUSTING THE CUTTING DEPTH

1. Loosen the Height Adjustment Knob on the Dust Collection Cover. (Fig. 12)
2. Slide the Dust Collection Cover to adjust the cutting depth. (Fig. 13)



3. Match the edge indicated by arrow of the guide base to the scale to determine the approximate cutting depth and tighten the height adjustment knob. (Fig. 14)



Note: Scale depth is indicated by millimeter.

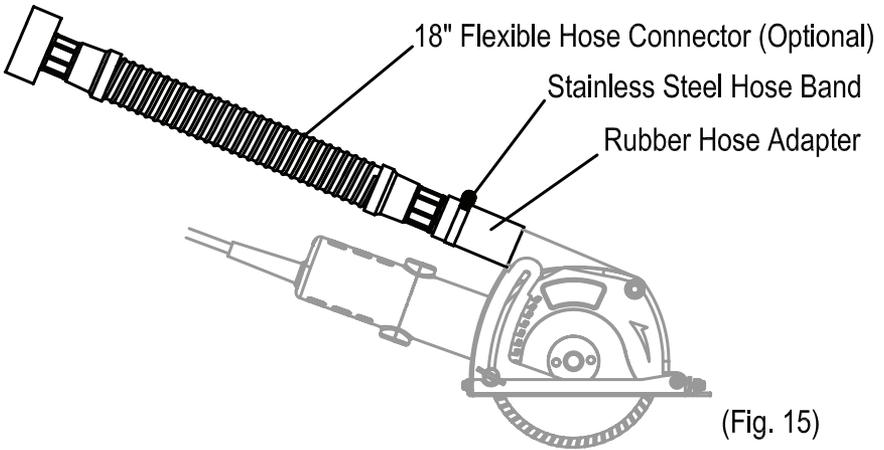
(Fig.14)

ATTACHING TO THE DUST COLLECTOR HOSE

Attach the Dust Collection Cover to the hose (Fig. 15)

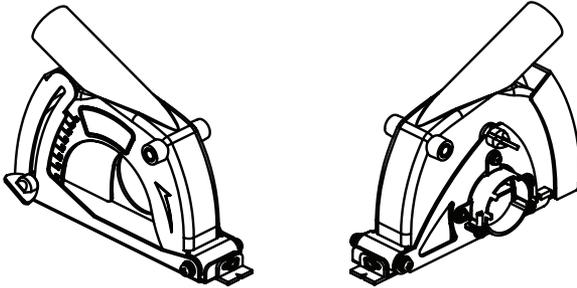
*The hose opening of the Dust Collection Cover has an outside diameter of 33mm.

If necessary, use the Rubber Hose Adapter and Stainless Hose Band supplied with the Dust Collection Cover.

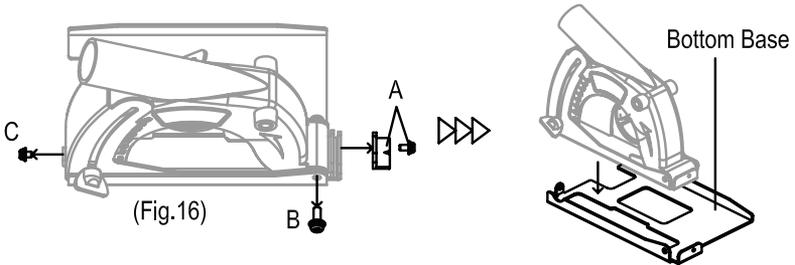


USING THE DUST COLLECTION COVER WITHOUT THE BOTTOM BASE

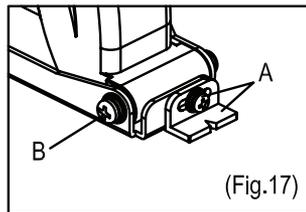
Overview



1. How to removing the bottom base, A, B & C (Fig. 16)

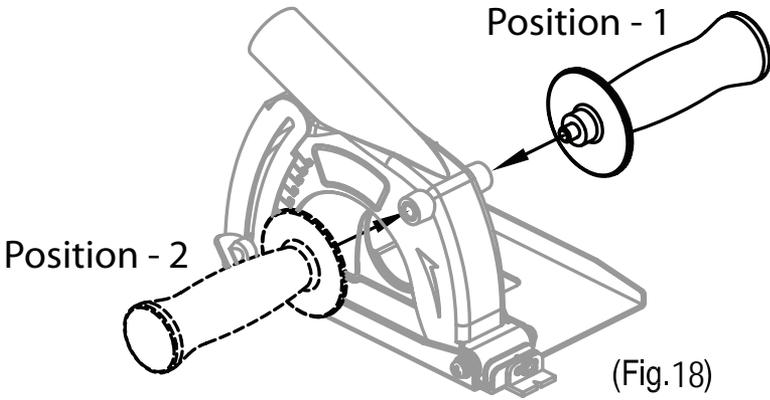


2. Return A & B to the Dust Collection Cover (Fig. 17)



ATTACHING THE SIDE HANDLE

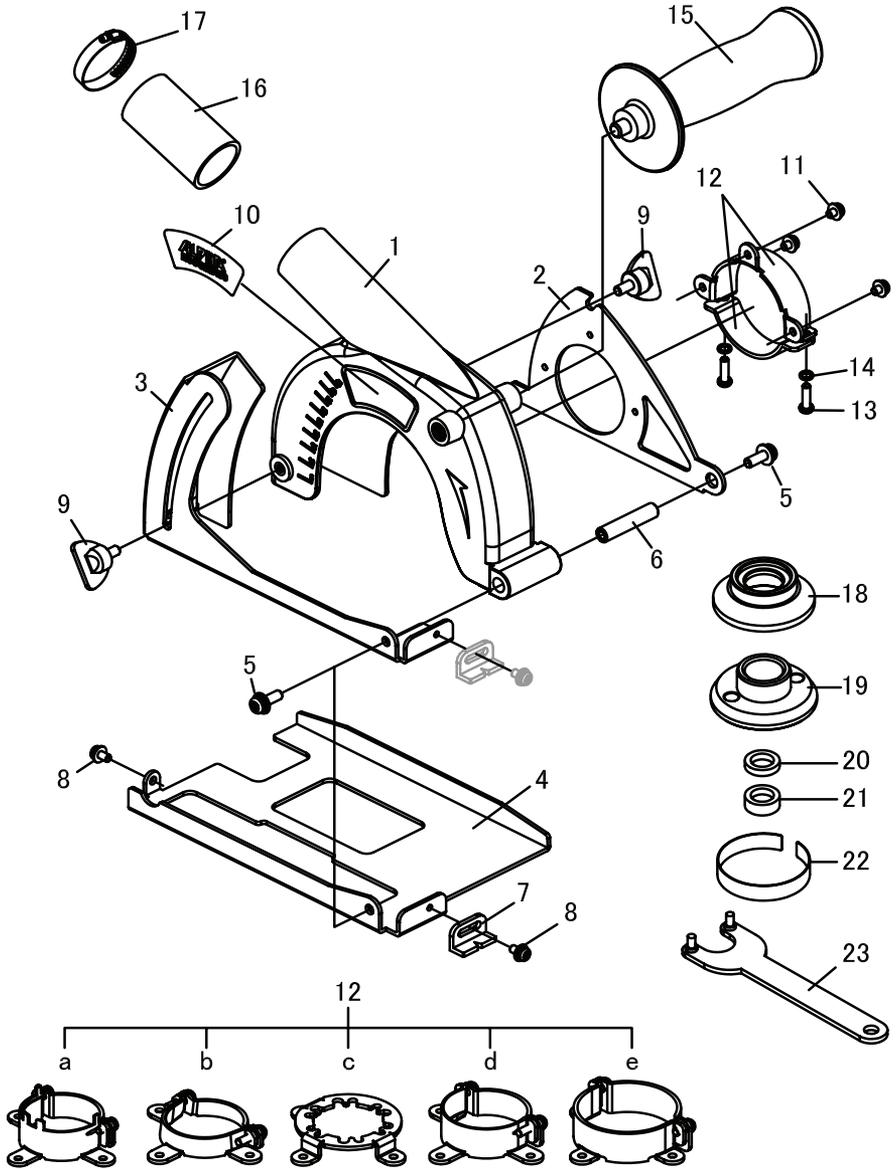
Attach the side handle into one of the two appointed locations for the best comfort for stability during the cutting application. (Fig. 18)



ATTACHABLE GRINDERS FOR ECOGUARD W6

Brand	HITACHI®	FEIN®	DEWALT®	FLEX®	MILWAUKEE®	MAKITA®	BOSCH®	METABO®	FEIN®	
PART NO.	500070		500072	500071		500002		500027		
CONNECTORS										
COLLAR				N/A						
Flange / Locknut										
SPACER										
	G12SA3 G12E2 G12SE2P9 G12VA G12SVA G12SR3 G12SS G13SC2 G13SC2P9 G13SP G13VA	WSG7-115PT/M12	DWE4011 DWE4120(N)	L3410VRG	6130 6140 6146 6147 6121 6117 6121 6124 6161	GA4030(K) GA4530 GA4534 GA5010Z GA5020(Y) 9554NB 9557NB/PB 9558PB 9564CV/PC 9565CV/PC 9566CV/PC BGA451(Z) BGA452(Z)	1830 Slim	AG40 series AG50 series 1801 1803EVS 1821(D) 1800 1810PS(D) 1806E 1812PSPD AG60 series	W8-115(Q) W8-125 (Q) W11-125(Q) WA11-125(Q) WE9-125(Q) WE14-125 (P) WE14-125 VS WP8-125 (Q) WP11-125 (Q) WEPA14-125 (Q) W11-150 (Q) WE14-150 (Q) WEP14-150 (Q) WEPA14-150 (Q) WP11-150 (Q)	WSG 17-125 P WSG 17-125 PS WSG 17-150 P WSG 17-125 PR WSG 17-125 PRT WSG 17-150 PR WSG 17-150 PRT WSG 17-70 INOX R WSG 17-70 INOX RT

ALPHA® ECOGUARD TYPE W6 SCHEMATIC



(Factory Preset)

ALPHA® ECOGUARD TYPE W6 PARTS LIST

Item No.	Part No.	Description	Quantity
1	500100	Ecoguard W6 Assembly	1
2	500101	Setting Plate	1
3	500102	Guide Base	1
4	500103	Bottom Base	1
5	500104	Screw (M5x15) w/Spring Lock Washer & Flat Washer	2
6	500105	Sleeve Nut	1
7	500106	Cutting Guide	1
8	500107	Screw (M4x6) w/Spring Lock Washer & Flat Washer	2
9	500108	Knob Bolt (M5x8)	2
10	500109	Brand Label	1
11	500110	Screw (M4x8) w/Spring Lock Washer & Flat Washer	3
12-a	500002	Connector Assembly (Makita® / Milwaukee® / Bosch®)	1
12-b	500070	Connector Assembly (Hitachi® / Fein®)	1
12-c	500071	Connector Assembly (Flex®)	1
12-d	500072	Connector Assembly (Dewalt®)	1
12-e	500027	Connector Assembly (Bosch® / Metabo® / Fein®)	1
13	500111	Screw (M4x12)	8
14	500065	Spring Lock Washer (M4)	10
15	500076	Side Handle (M8x8)	1
16	500005	Rubber Hose Adapter	1
17	500006	Stainless Steel Hose Band	1
18	500007	Inner Flange	1
19	500008	Lock Nut (5/8"-11UNC)	1
20	500012	Spacer (T5.0)	1
21	500013	Spacer (T7.0)	1
22	500022	Collar (for Metabo® / Fein®)	1
23	210105	Pin Wrench (P30)	1



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05/2019
