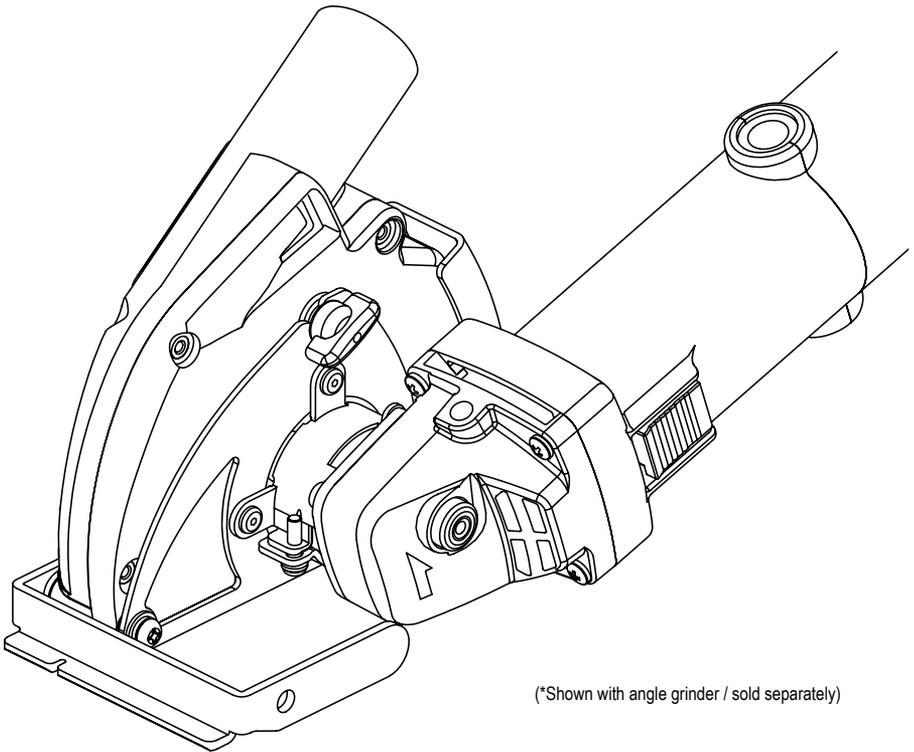

Alpha[®] Ecoguard Type W5 Dust Collection Cover Instruction Manual



(*Shown with angle grinder / sold separately)

Part No: ECOGRDW5
Version 1

 **Alpha Professional Tools**[®]

TABLE OF CONTENTS

Introduction.....	3
About the Symbols	3
Ecoguard Type W5 Overview.....	4
Accessories	5
Spacers & 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 connectors.....	8
Mounting the Diamond Wheel	9
Adjusting the Cutting Depth.....	11
Attaching to the Dust Collector Hose.....	12
Attachable Grinders for Ecoguard W5.....	13
Ecoguard Type W5 Schematic	14
Ecoguard Type W5 Parts List.....	15

INTRODUCTION

Thank you for purchasing the Alpha® Ecoguard Type W5 Dust Collection Cover. The Ecoguard Type W5 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.

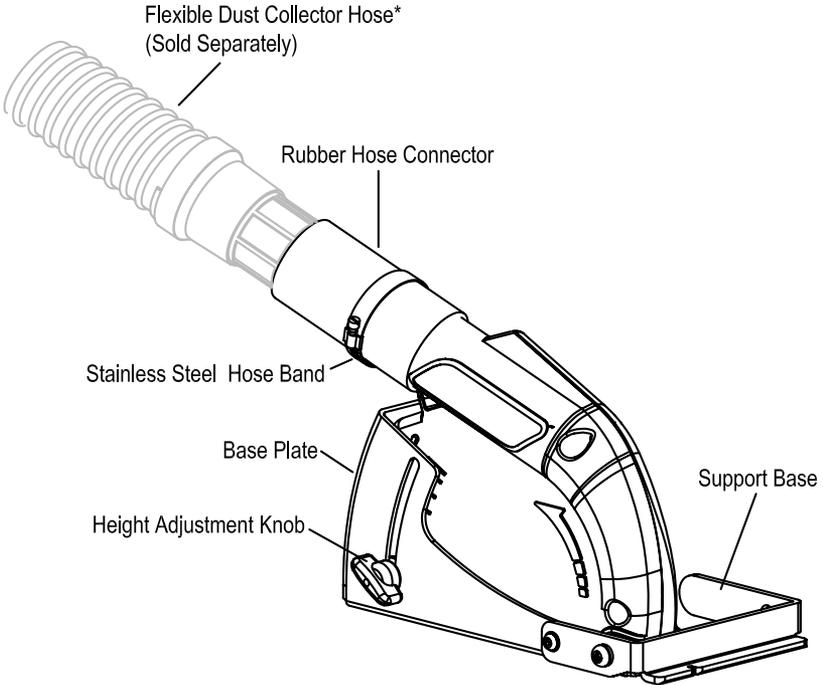
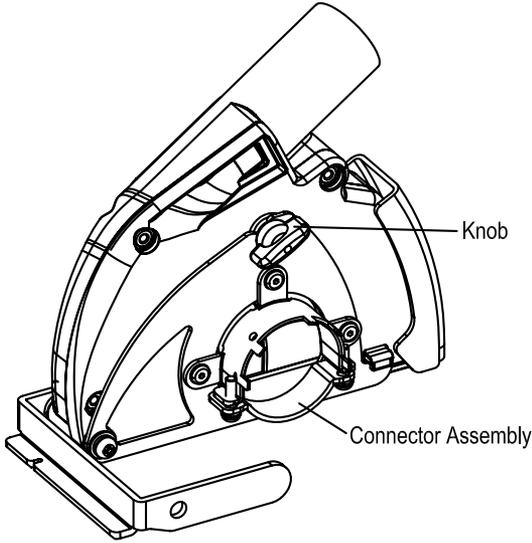
 **CAUTION!** There is a possibility of personal injury or property damage when handling this Dust Collection Cover incorrectly.

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.

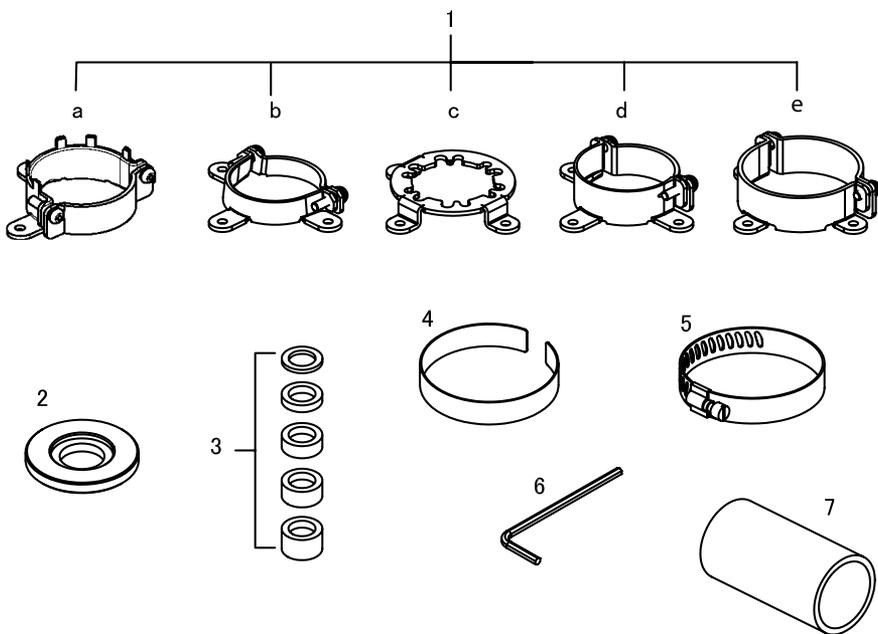
► PRECAUTIONS FOR USING DUST COLLECTION COVER

1. The Dust Collection Cover is for use with a 4.5" (115mm) and 5" (125mm) high-speed angle grinder.
2. The Dust Collection Cover is designed for cutting concrete, stone 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 wheel. Do not use with any other type of blade such as a conventional abrasive blade 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 W5 OVERVIEW



ACCESSORIES



► CONTENTS:

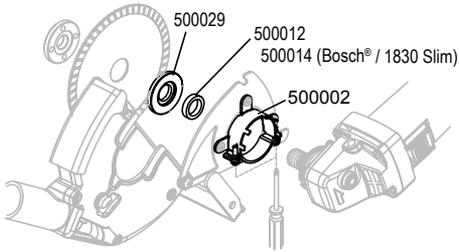
1. Connectors:

- a. Makita®, Milwaukee® & Bosch®: Preset to Ecoguard W5
- b. Hitachi®
- c. Flex®
- d. Dewalt®
- e. Bosch® / Metabo®

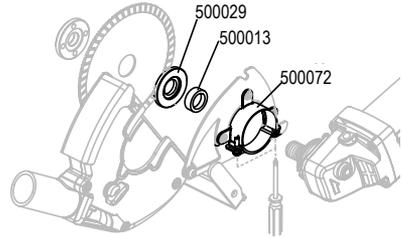
- 2. Base Flange
- 3. Spacers (T4.0, T5.0, T7.0, T8.6, T9.4 / mm)
- 4. Collar (for Metabo®)
- 5. Stainless Steel Hose Band
- 6. Hex. Wrench
- 7. Rubber Hose Connector

ECOGUARD TYPE W5 SPACERS AND CONNECTORS

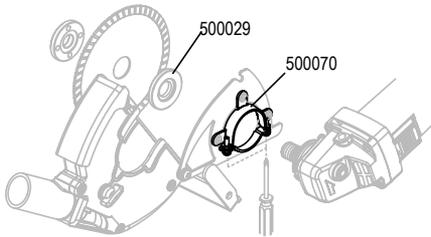
MAKITA®/MILWAUKEE®/BOSCH®



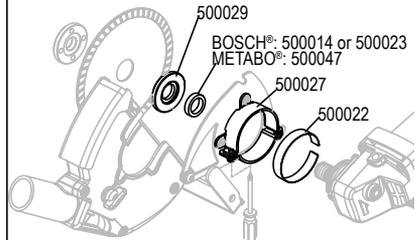
DEWALT®



HITACHI®



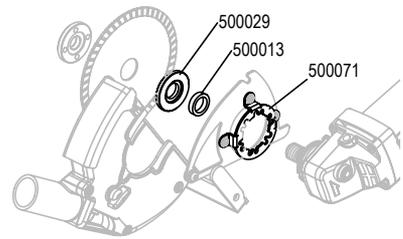
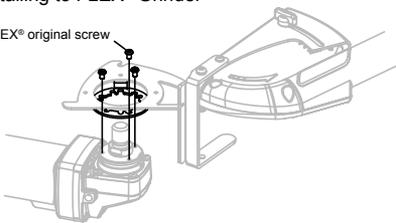
BOSCH® / METABO®



FLEX®

Installing to FLEX® Grinder

FLEX® original screw



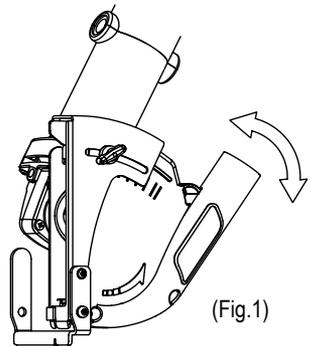
INSTALLATION OF THE DUST COLLECTION COVER

WARNING!

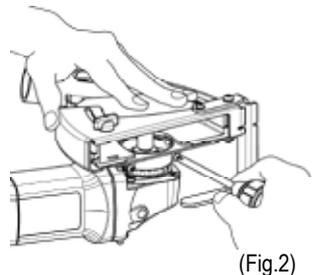
1. Be sure to turn off the high-speed angle grinder and remove the plug from the electrical outlet before attaching and installing the Dust Collection Cover.
2. Make sure the Dust Collection Cover is securely attached; otherwise it may come loose which could cause injury.
3. If you installed the Dust 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 wheel 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 wheel guard mount of the high-speed angle grinder. Adjust the angle of the Dust Collection Cover when attaching. (Fig. 1)



4. Using a Phillips screwdriver, tighten the two setting screws securely. (Fig. 2)



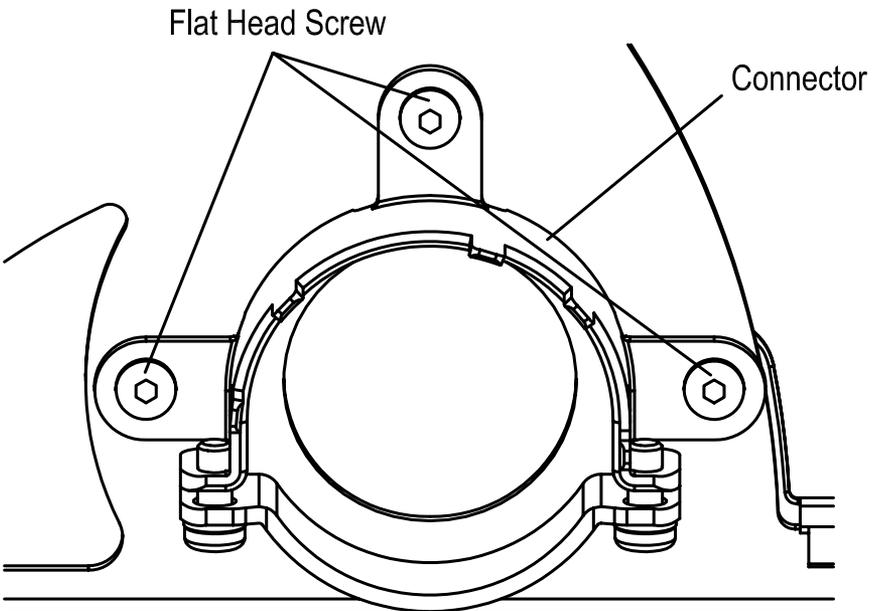
CAUTION!

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

INSTALLING TO OTHER HIGH-SPEED ANGLE GRINDERS WITH INCLUDED CONNECTORS

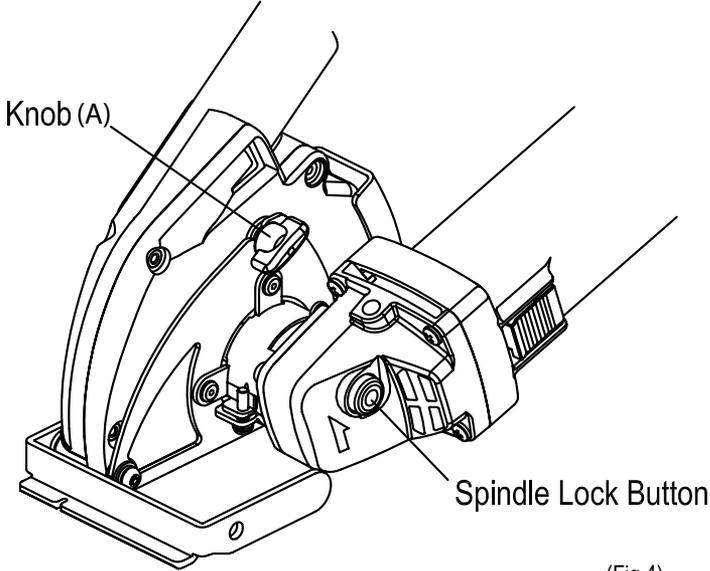
If you install the Dust Collection Cover to a high-speed angle grinder but the connector is loose and cannot be securely attached, it may be necessary to change the connector which is designed for other manufacturers angle grinders.

1. Using the hexagon wrench, remove the three flat head 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® Grinder use Part No: 500070 / for Metabo® / Bosch® use Part No: 500027, for Flex® use Part No: 500071 and 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.



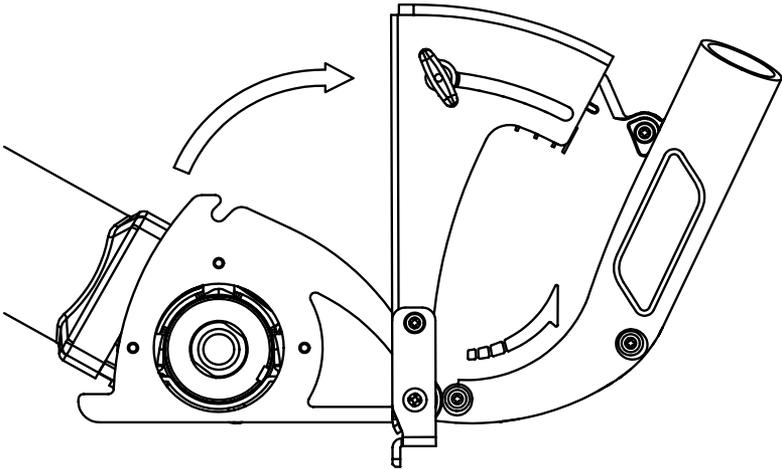
(Fig.3)

MOUNTING THE DIAMOND WHEEL



(Fig.4)

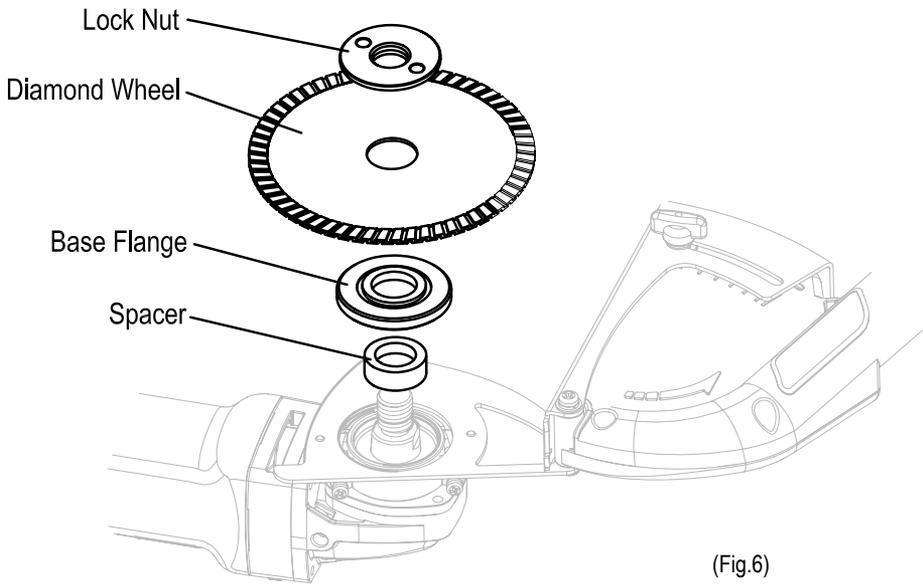
1. Loosen the Dust Collection Cover Knob (A). (Fig. 4)



(Fig.5)

2. Slide the Dust Collection Cover open. (Fig.5)

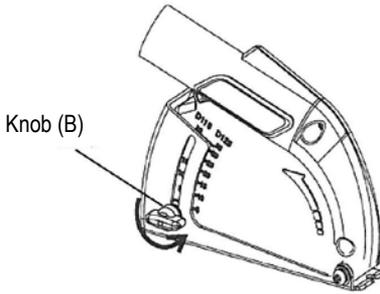
3. Mount the supplied spacer with the power tool or dedicated flange lock nut set on the spindle and then mount the diamond wheel. (Fig. 6)



4. Mount the inner flange on the spindle on top of the diamond wheel with the convex side of the inner flange on the diamond wheel side.
5. Press the lock pin to fix the spindle and securely tighten the lock nut with a pin wrench.
6. Slide the Dust Collection Cover to the closed position (Fig. 4) and tighten the knob (A).

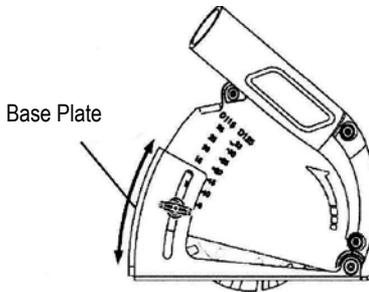
ADJUSTING THE CUTTING DEPTH

1. Loosen knob (B) on the Dust Collection Cover. (Fig. 7)



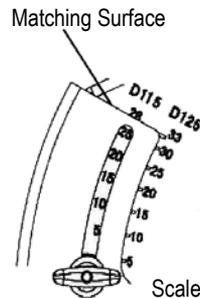
(Fig.7)

2. Slide the base plate to adjust the cutting depth and tighten knob (B) to fix the depth. (Fig. 8) Match the base plate matching surface to the scale to determine the approximate cutting depth. (Fig. 9)



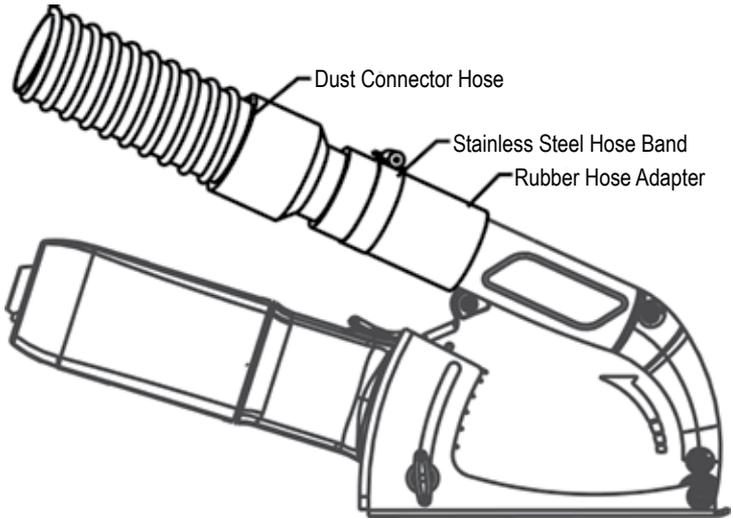
(Fig.8)

3. Use D115 scale for 4.5" (115mm) diameter blade and D125 scale for 5" (125mm) diameter blade. Cutting depth is indicated by millimeter.



(Fig.9)

ATTACHING TO THE DUST COLLECTOR HOSE



(Fig.10)

Attach the Dust Collection Cover to the hose. (Fig. 10)

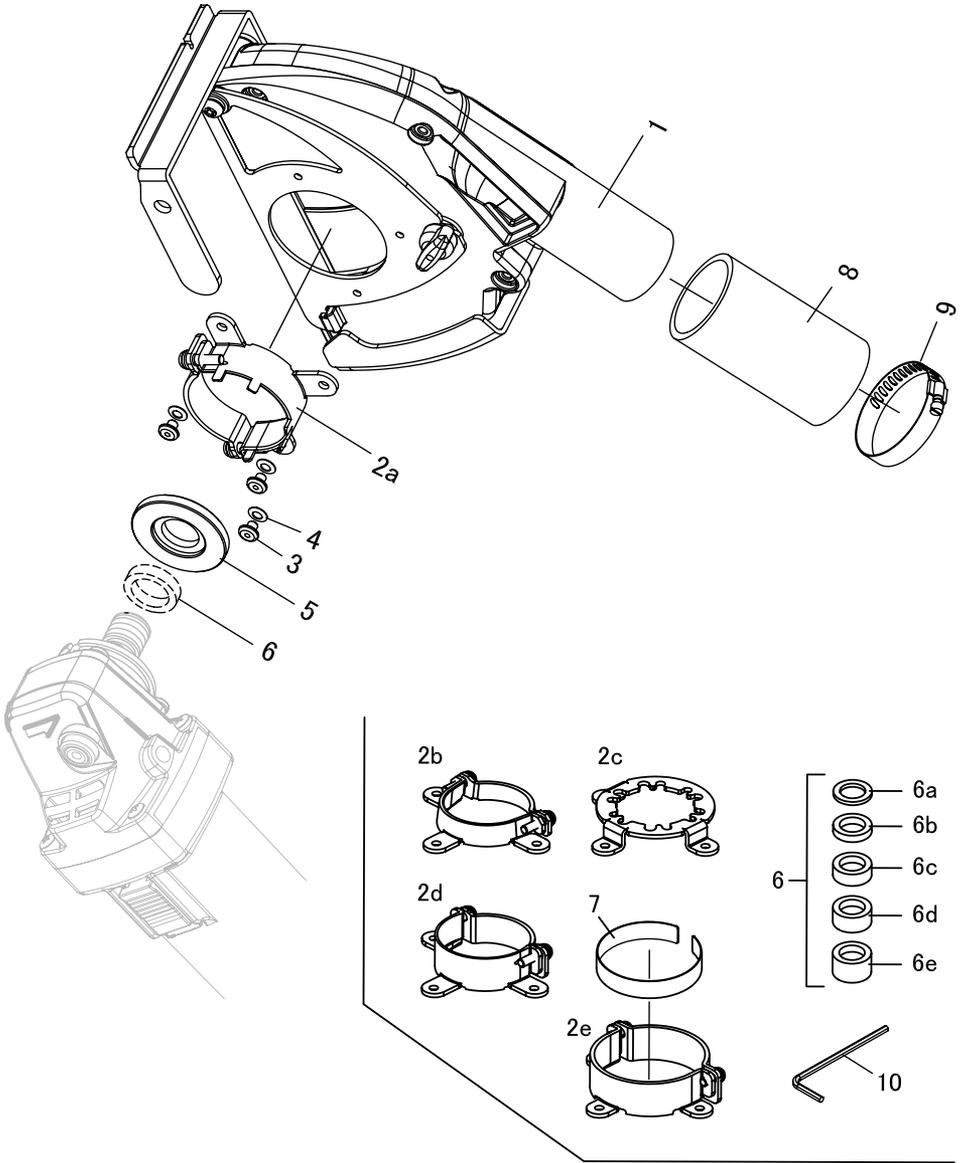
*The hose opening of the Dust Collection Cover has an outside diameter of 34mm.

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

ATTACHABLE GRINDERS FOR ECOGUARD W5

BRAND	HITACHI®	DEWALT®	FLEX®	MILWAUKEE®	MAKITA®	BOSCH®	METABO®
PART NO.	500070	500072	500071	500002	500002	500023	500027
CONNECTORS				(Factory Preset)			
COLLAR	N/A						
SPACER							
	N/A	T7.0 500013	T5.0 500012	T9.4 500014	T8.6 500023	T4.0 500047	
	G12SA3 G12E2 G12SE2P9 G12SVA G12SR3 G12SS G13SC2 G13SC2P9 G13SP G13VA	DWE4011 DWE4120(N) L3410VRG	6130 6140 6146 6147 6121 6117 6121 6124 6161	GA4030(K) GA4530 GA4534 GA5010Z GA5020(Y) 9554NB 9557NB/PB 9558PB 9564 9565CV/PC 9566CV BGA451(Z) BGA452(Z)	1830 Slim	AG40 Series AG50 Series 1801 1803EVS 1821(D) 1800 1810PS(D)	W8-115(Q) W8-125(Q) W11-125(Q) WA11-125(Q) WE9-125(Q) WE14-125(P) WE14-125 VS WP8-125 WP11-125 WEPA14-125 W11-150 WE14-150 WEP14-150 WEPA14-150 WP11-150

ALPHA® ECOGUARD TYPE W5 SCHEMATIC



ALPHA® ECOGUARD TYPE W5 PARTS LIST

DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY
1	500069	Ecoguard W5 Assembly	1
2a	500002	Connector Assembly (Makita® / Milwaukee® / Bosch®)	1
2b	500070	Connector Assembly (Hitachi®)	1
2c	500071	Connector Assembly (Flex®)	1
2d	500072	Connector Assembly (Dewalt®)	1
2e	500027	Connector Assembly (Bosch® / Metabo®)	1
3	500020	Flat Head Screw	3
4	500021	Taper Washer	3
5	500029	Base Flange	1
6a	500047	Spacer (T4.0)	1
6b	500012	Spacer (T5.0)	1
6c	500013	Spacer (T7.0)	1
6d	500023	Spacer (T8.6)	1
6e	500014	Spacer (T9.4)	1
7	500022	Collar-M	1
8	500005	Rubber Hose Adapter	1
9	500006	Stainless Steel Hose Band	1
10	500024	Hex. Wrench	1
Optional Accessory:			
Shown on pg 4	500026	Flexible Connector Hose 18"	1



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