

Parts Manual
45-8179EN
11/29/2012

OMEGA TECHNOLOGIES

DOTCO®

12R03 Series
0.1 HP Vertical Pencil Grinder



For additional product information visit our website at:
<https://dotcotool.com/product-category/dotco-air-tools/dotco-grinders/dotco-precision-grinders/dotco-12-03-series-precision-grinders/>

Dotco®
Nomenclature

12	R	03	-	X	X
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Series**12** = Ergo GrinderThrottle Type**R** = Roll ThrottleMotor Size**03** = 0.1 hpOverhose Length**1** = 1' (0.3M)**2** = 2' (0.6M)**4** = 4' (1.2M)Collet Size**2** = 2.35 mm**3** = 3.00 mm**6** = 3/32"**8** = 1/8"

Dotco®
Description and Instructions

45-8179EN

11/29/2012

Language Version:

This Parts Manual is the ***“Original Instructions”*** intended for all persons who will use or repair these tools.

Product Identification:

Refer to the “Model Nomenclature” page in this document.

Noise and Vibration:

Refer to documents CE-1007DC and CE-1007TD.

General Description:

Air powered gearless right angle pencil grinder with rear exhaust.

Intended Use:

These grinders are intended for material removal applications. Use only for their designated purpose. Do not use as a hammer, lever or other improper usage that can cause tool damage and operator injury.

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General Safety:

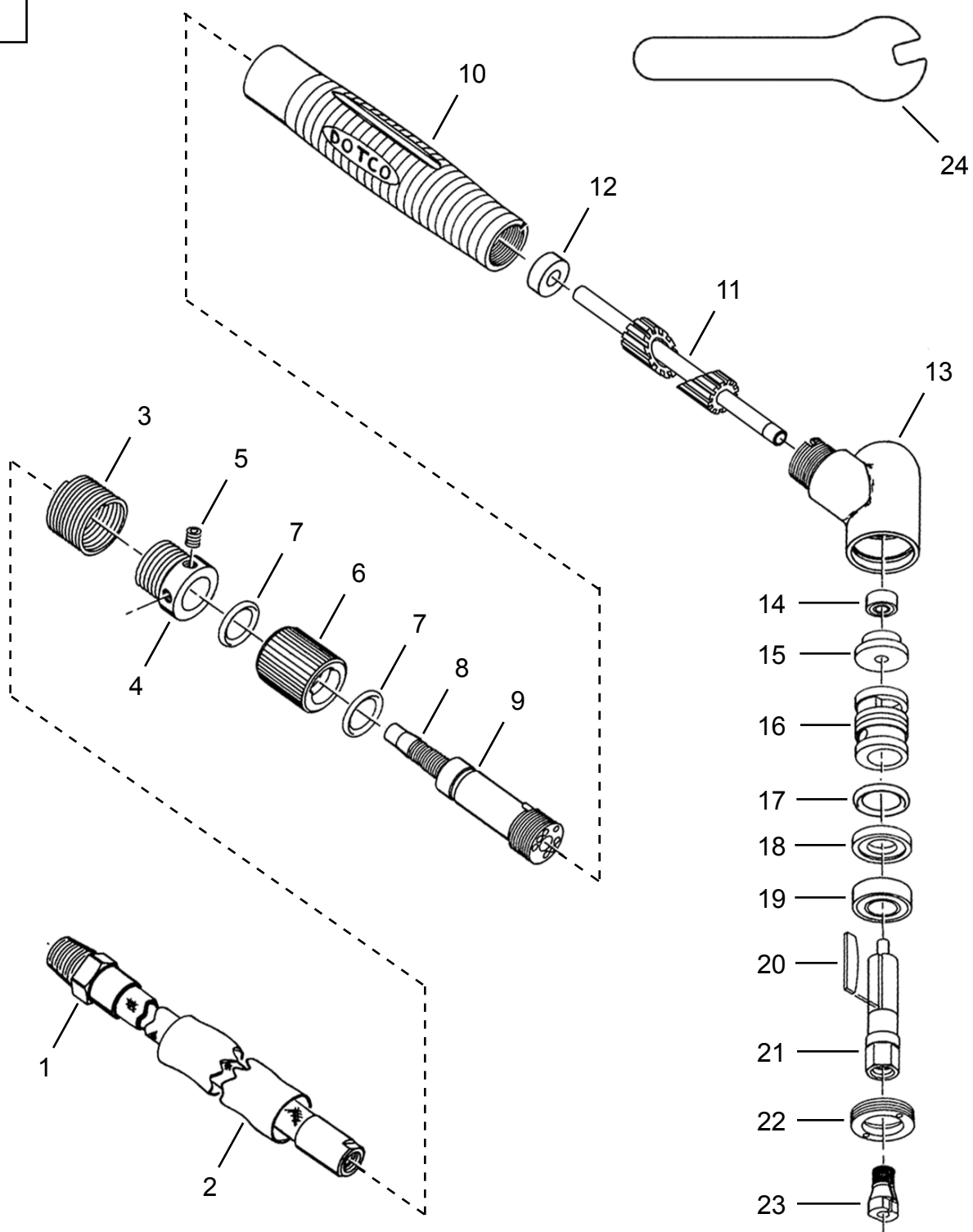
Refer to General Safety document, CE-2007 for general safety operating instructions for this equipment.

Lubrication:

Refer to lubrication document, PL65-LUB, for general lubrication instructions.

Dotco®
12R03 Vertical Pencil Grinder

"A"



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12R03 Vertical Pencil Grinder

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Illustration "A"

Ref	Number	#	X	EN
				Description
1	45-0948	1		Whip Hose Assembly (3/16" x 5')
2	Table "A"	1		Overhose Assembly
3	6061PT	1	1	Overhose Spring
4	01-0917	1		Exhaust Adapter
5	6057PT	1	2	Set Screw
6	01-0935	1		Roll Valve (includes Ref. 7)
7	6050PT	2	6	O-Ring
8	01-0929	1		Valve Body (includes Ref. 9)
9	954PT	1	2	Pin
10	01-6060	1		Housing
11	01-0912	1		Inlet Tube (includes Ref. 12)
12	01-0916	1	3	Muffler
13	01-0913	1		Angle Housing
14	585PT	1	2	Ball Bearing
15	01-0900	1		Rear Plate
16	01-0905	1		Cylinder (includes Ref. 17)
17	1057PT	1	3	O-Ring
18	01-0906	1		Front Plate
19	583PT	1	2	Ball Bearing
20	01-0907	3	9	Rotor Blade
21	01-0910	1		Rotor
22	01-0909	1		Lock Ring
23	Table "A1"	1	2	Collet
24	14-0805	1		5/16" Wrench
	14-0876	1		6mm Wrench

(#) Quantity

(X) Recommended Spare Parts (quantity shown based on 1-5 tools in operation)

Table "A"

Ref.	Description	Overhose Length		
		1' (0.3M)	2' (0.6M)	4' (1.2M)
--	Termination Code	1	2	3
--	Overhose Assembly	45-6003	45-6002	45-6001
2	Overhose	45-0945S	45-0955S	45-0956S

Table "A1"

Ref.	Collet Number	Collet Size	Termination Code
23	01-0100	1/8"	8
	01-0102	3/32"	6
	01-0148	3.00mm	3
	01-0131	2.35mm	2

Sales & Service Centers

Note: All locations may not service all products. Please contact the nearest Sales & Service Center for the appropriate facility to handle your service requirements.

Detroit, MI

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2630 Superior Court
Auburn Hills, MI 48326
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Houston, TX

**Apex Tool Group
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Fax: 713-849-2047

Lexington, SC

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670 Industrial Drive
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