





The original language of this manual is English.

**Product Safety Information:**

Intended Use:

This pneumatic grinder is to be used only for removing material by utilizing appropriate abrasive wheels, rotary files or other material removal cutting devices.

For additional product safety information refer to Apex Tool Group, LLC or Apex Tool Group GmbH & Co. OHG document GS-2007, General Safety Pneumatic Grinders.



The grinder must not be modified in any manner unless approved in writing by Apex Tool Group, LLC or Apex Tool Group GmbH & Co. OHG. All safety devices must be properly installed and maintained in good working order.

**EC Declaration of Conformity:**

We affirm that this machine is in accordance with the following EC regulations (2006/42/EC). Applied harmonized standards are ISO 12100:2010-11.

The name, job function and address of the person authorized to compile the technical file.

Mr. Vishnu Irigreddy  
Director of Global R&D- Mechanical Engineering  
Apex Tool Group  
670 Industrial Drive  
Lexington, SC 29072

Signature: Vishnu Irigreddy  
Date: May 19, 2015

**Noise and Vibration:**

10L4321 Series Noise Level:

10L4321 Series Vibration Level:

**Air Line Lubrication:**

Use Apex Tool Group, LLC or Apex Tool Group GmbH & Co. OHG's lightweight air tool oil 500021 (available in quantities shown in the following chart) or an SAE-5 lightweight spindle oil.

Part No.	Packaged	Designation
540397	1 Quart (0.94 liter)	Airlube 10W/NR-420LB DR
533485	1 US Gallon (3.78 liter)	Airlube 10W/NR-420LB DR

**Air Supply Line:**

Parameter	Description
Air Hose	Minimum inside diameter: 1/2" (12.7mm) Maximum length: 8.0' (2.4 m)
Working pressure range	Performance rated at: 90 psi (620 kPa)
Compressed air	Air quality according to ISO 8573-1, quality class 2.4.3 The compressed air must be clean and dry.

**Service and Repair:**

Tool service and repair should be performed by an authorized Apex Tool Group, LLC or Apex Tool Group GmbH & Co. OHG Center. Refer to the last page of this manual for locations.



The governor module is factory sealed and cannot be repaired under any circumstances. User repair of the governor module must never be attempted. Replace with a new governor module of the same rated speed to prevent dangerous over speeding of the grinder.

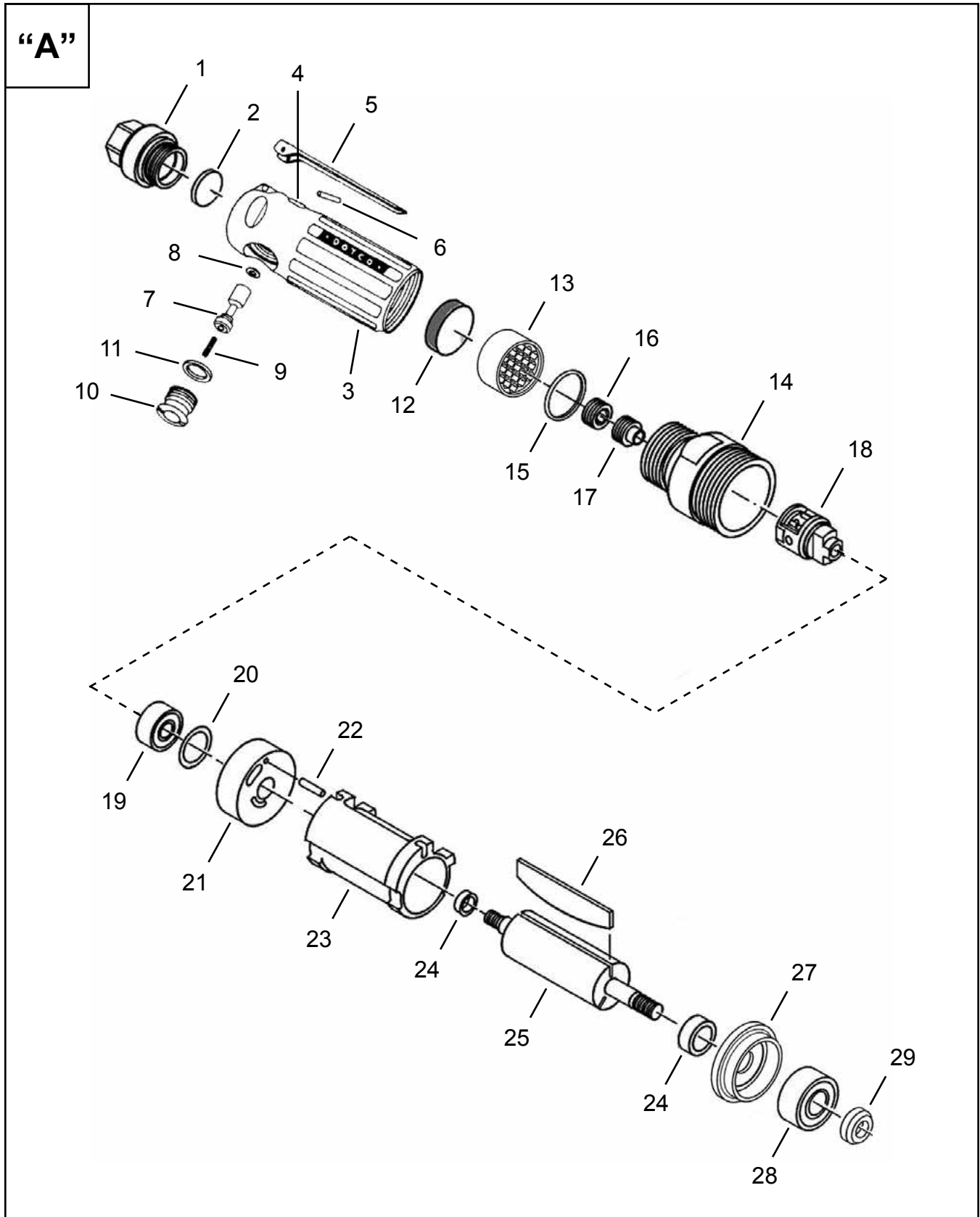
**Disposal:**



Observe local disposal guidelines for all components of this tool and its packaging.

**Copyright Protection:**

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**Dotco®**  
Motor Assembly

**PL30-2040EN**  
05/19/2015

**Illustration "A"**

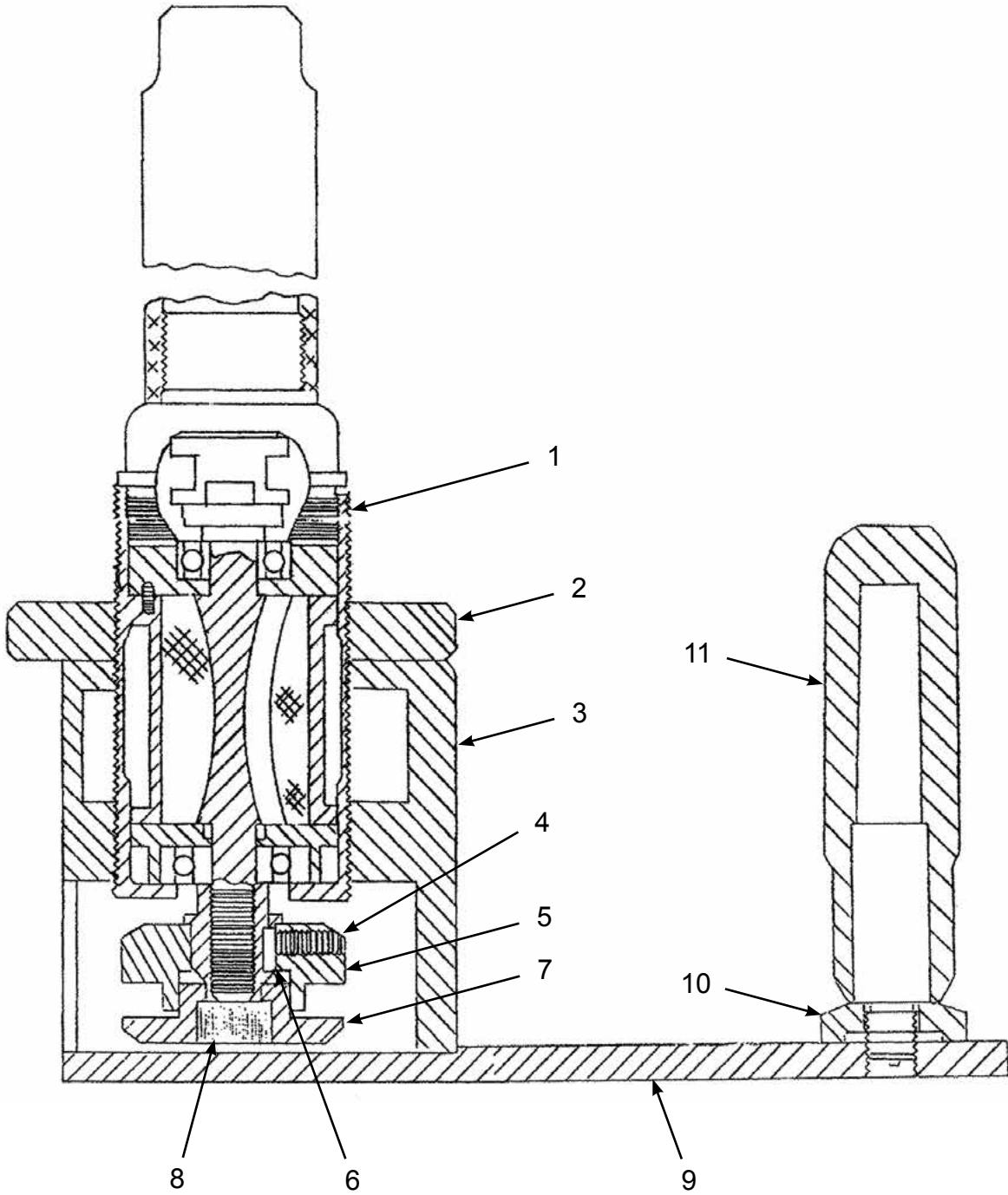
Ref	Number	#	X	EN
				Description
1	02-4083	1		Inlet Adapter (1/2" NPT) (includes Ref. 2)
2	4012PT	1	3	Air Inlet Screen
3	3281PT	1		Motor Housing (includes Ref. 4)
4	3279S *	1		Valve Bushing
5	1019PT	1	2	Throttle Lever
6	1042	1	2	Throttle Lever Pin
7	3282PT	1		Valve Stem (includes Ref. 8)
8	1056PT	1	3	O-Ring
9	2015PT	1	3	Valve Spring
10	02-3106	1		Plug Assembly (includes Ref. 11)
11	1189PT	1	3	O-Ring
12	4293	1	3	Filter Disc
13	02-5316	1		Filter Retainer
14	4181	1		Governor Housing (includes Ref. 15-17)
15	3036PT	1	3	O-Ring
16	3263PT	1		Nozzle Locknut
17	3262PT	1		Nozzle
18	4193S	1		Governor Module (12,000 RPM)
19	500PT	1	2	Ball Bearing
20	2488PT	1		Shim Packet
21	4168	1		Rear Bearing Plate (includes Ref. 22)
22	3062	1	2	Locating Pin
23	4189	1		Cylinder
24	2017PT	2	4	Rotor Spacer
25	4170S	1		Rotor
26	4171	3	9	Rotor Blade
27	4172	1		Front Bearing Plate
28	535	1	2	Ball Bearing
29	4239PT	1		Flange Hub

(#) Quantity

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

\* Note: If necessary to replace the valve bushing, press the bushing, beveled end first, into the threaded end of the crosshole of the motor housing. The valve bushing base should be .562" plus .005" from the counterbored shoulder of the crosshole. Hone the inside diameter of the valve bushing to .2509" plus .0003".

**“B”**



**Dotco®**  
Router Base Assembly

**PL30-2040EN**  
05/19/2015

**Illustration "B"**

Ref	Number	#	X	EN
				Description
1	4367PT	1		Motor Housing
2	4240PT	1		Adjusting Ring
3	4368PT	1		Base Housing
4	4047PT	1	2	Set Screw
5	4243PT	1		Top Flange
6	4057	1	3	Key
7	4242PT	1		Bottom Flange
8	4247PT	1	2	Cap Screw
9	4236PT	1		Base Plate
10	14-4072	1		Handle Flange
11	7678	1		Handle

(#) Quantity

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

# POWER TOOLS SALES & SERVICE CENTERS

Please note that all locations may not service all products.

Contact the nearest Apex Tool Group Sales & Service Center for the appropriate facility to handle your service requirements.

## NORTH AMERICA | SOUTH AMERICA

### Detroit, Michigan

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### Louisville, Kentucky

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