

Parts Manual

45-8007

PL30-1011-1

04/21/2011

OMEGA TECHNOLOGIES

DOTCO®

10-11 Series
Inline Extended Grinders

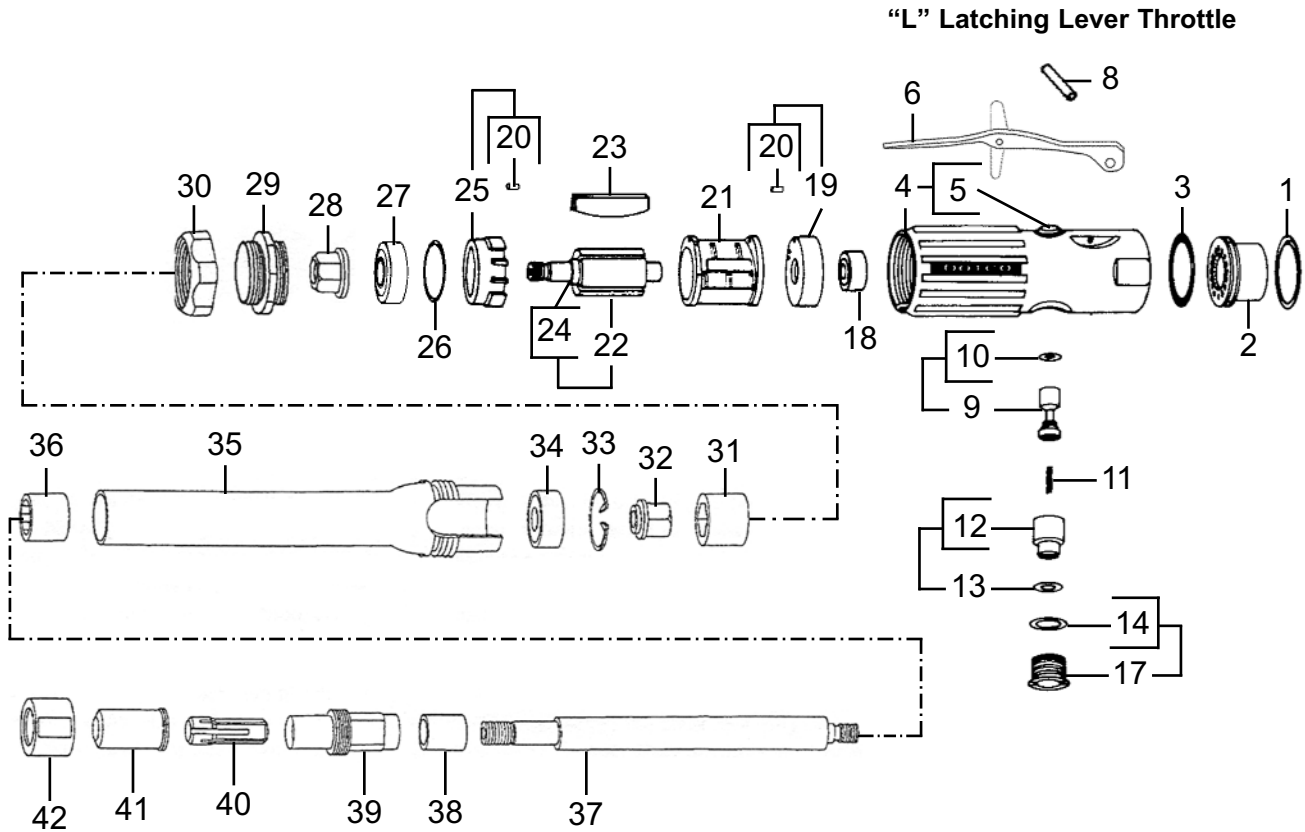


Throttle Type	Free Speed (RPM)		Termination
	3" Extension	5" Extension	
	28,000	28,000	300 Collet
Button	10B1180	10B1181	-36
Lock-Off Lever	10K1180	10K1181	-36
Locking Lever	10L1180	10L1181	-36

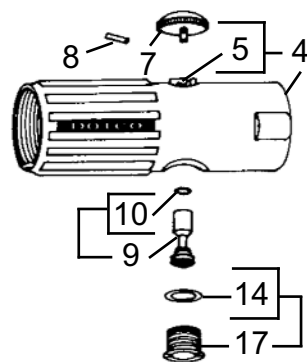
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10-11 Series Rear Exhaust Extension Grinders

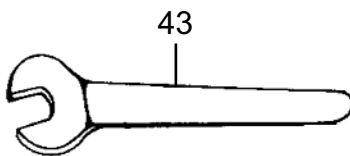
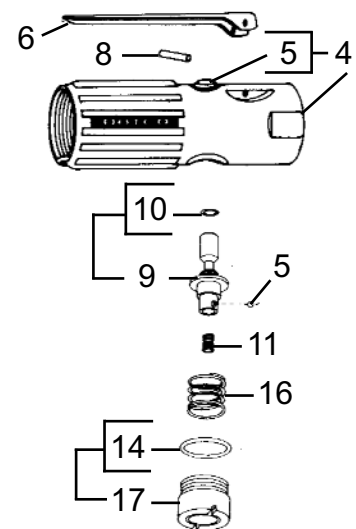
"A"



"B" Button Throttle



"K" Lock Off Lever Throttle



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10-11 Series Rear Exhaust Extension Grinders

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May 15, 2006

Illustration "A" - Motor Assembly

Ref.	Number	#	•	Kit	EN Description	DE Benennung	FR Description	ES Descripción	IT Descrizione
1	1891	1			Retaining Ring	Sicherungsring	Anneau de fixation	Anillo de retención	Anello di fissaggio
2	1899	1			Muffler	Schalldämpfer	Silencieux	Silenciador	Silenziatore
3	1322	1			O-Ring	O-Ring	Joint torique	Anillo "O"	Anello ad O
4	Table A	1			Motor Housing	Motorgehäuse	Cage de moteur	Caja del motor	Corpo motore
5	Table A	1			* Valve Bushing	Lagerbuchse	Douille	Casquillo	Boccola
6	Table A	1			Lever	Hebel	Levier	Palanca	Leva
7	1039	1			Button	Drucktaste	Bouton	Botón	Pulsante
8	Table A	1			Pin	Stift	Goupille cylindrique	Pasador	Spina
9	Table A	1			Valve Stem	Ventilschaft	Tige de soupape	Vástago de válvula	Asta valvola
10	1052	1			O-Ring	O-Ring	Joint torique	Anillo "O"	Anello ad O
11	Table A	1			Valve Spring	Ventilfeder	Printemps de soupape	La Primavera de la válvula	Primavera di valvola
12	1011	1			Speed Regulator	Regler	Régulateur	Regulador	Regolatore
13	1056	1			O-Ring	O-Ring	Joint torique	Anillo "O"	Anello ad O
14	1057	1			O-Ring	O-Ring	Joint torique	Anillo "O"	Anello ad O
15	4180	1			Ball	Kugel	Bille	Bolas	Sfera
16	1642	1			Spring	Druckfeder	Ressort	Resorte	Molla
17	Table A	1			Plug Assembly	Buchse	Bouchon	Tapón	Spina
18	504	1			Ball Bearing	Kugellager	Roulement à billes	Cojinete de bolas	Cuscinetto a sfera
19	1866	1			Bearing Plate	Tragplatte	Plaque de support	Placa de asiento	Piatello cuscinetto
20	1041	3			Locating Pin	Stift	Goupille cylindrique	Pasador	Spina
21	1002	1			Cylinder	Zylinder	Cylindre	Cilindro	Cilindro
22	1005	1			Rotor	Rotor	Rotor	El rotor	Il rotore
23	1006	4			** Rotor Blade	Rotorblatt	Palette	Alabe del rotor	Paletta del rotore
24	1017	1			Spacer	Distanzstück	Entretoise	Espaciador	Distanziale
25	1487	1			Bearing Plate	Tragplatte	Plaque de support	Placa de asiento	Piatello cuscinetto
26	1355	1			Shim Packet	Unterlegstück	Cale pelable	Calzo	Spessore
27	538	1			Ball Bearing	Kugellager	Roulement à billes	Cojinete de bolas	Cuscinetto a sfera
28	1708	1			Drive Coupling	Kupplung	Couplage	Acoplamiento	Accoppiamento
29	1043	1			Lock Ring	Verschlussring	Bague de verrouillage	Anillo de cierre	Anello di bloccaggio
30	1032	1			Cap	Kappe	Chapeau	Tapa	Cappello
31	02-1711	1			Coupling	Kupplung	Couplage	Acoplamiento	Accoppiamento
32	1707	1			Coupling Nut	Koppe und Schraubenmutter	Attelage Écrou	Enganche Tuerca	Agganciam ento Nocchia
33	1098	1			Snap Ring	Schnapping	Segment int.	Aro de resorte	Anello elastico
34	505	1			Ball Bearing	Kugellager	Roulement à billes	Cojinete de bolas	Cuscinetto a sfera
35	Table A1	1			Spindle Housing	Spindelgehäuse	Cage à pignons	Caja del husillo	Corpo mandrino
36	1514	1			Needle Bearing	Nadellager	Cage à aiguilles	Cojinete de agujas	Cuscinetto a rulli
37	Table A1	1			Spindle	Spindel	Arbre	Husillo	Mandrino
38	1562	1			Sleeve	Hülse	Douille	Manguito	Manicotto
39	1054	1			Chuck Body	Futter Körper	Corps de trou	Bote el Cuerpo	Il Corpo di ciottolo
40	Table A2	1			Collet	Futter	Douille de serrage	Boquilla	Bussola di chiusura
41	1053	1			Nosepiece	Kopfstück	Tuyère	Tobera	Naso
42	1058	1			Collet Chuck Cap	Kappe	Chapeau	Tapa	Cappello
43	14-0807	1			Wrench (7/16")	Schraubenschlüssel	Clé plate	La llave	La chiave
	14-0811	1			Wrench (11/16")	Schraubenschlüssel	Clé plate	La llave	La chiave
Repair Kits:									
**	04-0031	1			Rotor Blade Kit	Satz	Ensemble	Juego	Corredo

(#) Quantity / Stückzahl / Quantité / Cantidad / Quantità

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

** Note: Rotor Blade Kit contains 50 pieces

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Table "A"

Ref.	Description	Qty.	10B1180 10B1181	Qty.	10K1180 10K1181	Qty.	10L1180 10L1181
4	Motor Housing	1	1914	1	1863	1	1863
5	Valve Bushing	1	1037	1	1007	1	1007
6	Lever		---	1	1019	1	01-1267
8	Pin	1	1055	1	1042	1	1042
9	Valve Stem	1	1038	1	1644	1	1008
11	Valve Spring		---	1	1641	1	2015
17	Plug Assembly	1	1012	1	1643	1	1012

Table "A1"

Ref.	Description	Qty.	10-1180	Qty.	10-1181
35	Spindle Housing	1	1736	1	1737
37	Spindle	1	1748	1	1561

Table "A2" - Optional Collets

Part No.	Arbor Size	Part No.	Arbor Size	Part No.	Arbor Size
301	3/64"	305	5/32"	310	6mm
302	5/64"	306	3/16"	311	3mm
303	3/32"	307	7/32"		
304	1/8"	308 *	1/4"		

* Standard Collet

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.

Dallas, TX
**Apex Tool Group
Sales & Service Center**
1470 Post & Paddock
Grand Prairie, TX 75050
Tel: 972-641-9563
Fax: 972-641-9674

Detroit, MI
**Apex Tool Group
Sales & Service Center**
2630 Superior Court
Auburn Hills, MI 48326
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Fax: 248-391-7824

Houston, TX
**Apex Tool Group
Sales & Service Center**
6550 West Sam Houston
Parkway North, Suite 200
Houston, TX 77041
Tel: 713-849-2364
Fax: 713-849-2047

Lexington, SC
Apex Tool Group
670 Industrial Drive
Lexington, SC 29072
Tel: 800-845-5629
Tel: 803-951-7544
Fax: 803-358-7681

Los Angeles, CA
**Apex Tool Group
Sales & Service Center**
15503 Blackburn Avenue
Norwalk, CA 90650
Tel: 562-623-4457
Fax: 562-802-1718

Seattle, WA
**Apex Tool Group
Sales & Service Center**
2865 152nd Avenue N.E.
Redmond, WA 98052
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Fax: 425-497-0496

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3990 East Market Street
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