

Parts Manual

45-8183

04/27/2011

OMEGA TECHNOLOGIES

DOTCO®

12-27 Series Right Angle Saw

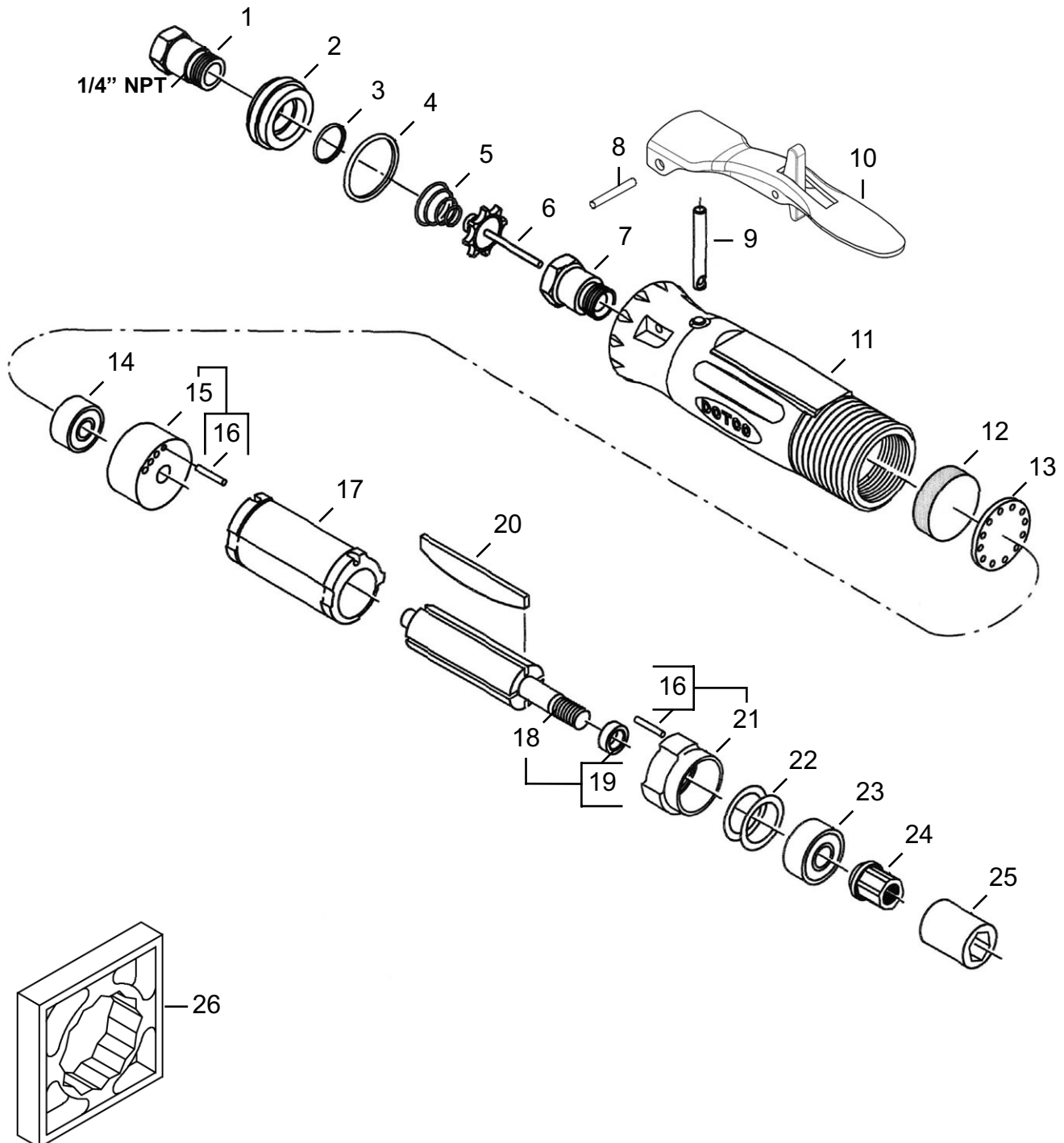


	12	X	2	7	XX	-	01
Tool Series							
12 = Ergo Handle							
Throttle Type							
L = Locking Lever							
S = Locking Lever							
Motor Size							
2 = 0.9 Horsepower							
Handle Style							
7 = Right Angle							
Speed Options (RPM)							
47 = 6,000							
48 = 9,000							
49 = 11,000							
Termination Code							
01 = Standard Saw (3/4" Arbor saw blade not furnished)							

For additional product information visit our website at:

<https://dotcotool.com/product-category/dotco-air-tools/dotco-specialty-tools/dotco-saws/dotco-12-27-series-saws/>

Handle and Motor Assembly

"A"

Handle and Motor Assembly

Illustration, Abbildung, Illustration, Ilustración, Illustrazione "A"

Ref	Number	#	X	EN	DE	FR	ES	IT
				Description	Benennung	Designation	Descripción	Descrizione
1	01-2505	1	1	Inlet Adapter	Zwischenstück	Adaptateur	Adaptador	Adattatore
2	01-2506	1		Exhaust Plug	Buchse	Bouchon	Tapón	Spina
3	2965	1	3	O-Ring	O-Ring	Joint torique	Anillo "O"	Anello ad O
4	3036	1	3	O-Ring	O-Ring	Joint torique	Anillo "O"	Anello ad O
5	01-2519	1	3	Valve Spring	Druckfeder	Ressort	Resorte	Molla
6	01-2518	1	1	Valve	Ventil	Soupape	Válvula	Valvola
7	01-2504	1		Valve Seat	Ventilsitz	Siège de soupape	Asiento de la válvula	Sede valvola
8	1042	1	1	Lever Pin	Stift	Goupille cylindrique	Pasador	Spina
9	01-2517	1	1	Push Rod	Stange	Tige	Varilla	Asta
10	01-1267	1	1	Lock-Off Lever Asm	Hebel	Lever	Palanca	Leva
11	01-2560	1		Motor Housing	Gehäuse	Corps	Caja	Corpo
12	4293	1	2	Filter Disc	Platte	Plaque	Placa	Piattello
13	01-2016	1		Filter Retainer	Haltevorrichtung	Bague d'arrêt	Retén	Fermo
14	538	1	2	Ball Bearing	Kugellager	Roulement à billes	Cojinete de bolas	Cuscinetto a sfera
15	7003	1		Rear Plate	Hintere Platte	Plaque arrière	Placa posterior	Piattello posteriore
16	1041	2	2	Pin	Stift	Goupille cylindrique	Pasador	Spina
17	2255	1		Cylinder	Zylinder	Cylindre	Cilindro	Cilindro
18	7654	1		Rotor	Rotor	Rotor	El rotor	Il rotore
19	2017	1	1	Spacer	Distanzstück	Entretoise	Espaciador	Distanziale
20	2253	4	8	Rotor Blade	Rotorblatt	Palette	Alabe del rotor	Paletta del rotore
21	2292	1		Front Plate	Vorderplatte	Plaque de devanture	Placa frontal	Piattello anteriore
22	2488	1	1	Shim Packet	Unterlegstück	Cale pelable	Calzo	Spessore
23	500	1	2	Ball Bearing	Kugellager	Roulement à billes	Cojinete de bolas	Cuscinetto a sfera
24	2284	1		Coupling Nut	Kopplend Schraubenmutter	Attelage Écrou	Enganche Tuerca	Agganciam ento Noccia
25	2287	1		Coupling	Kupplung	Couplage	Acoplamiento	Accoppiamento
26	14-0851	1		Housing Wrench	Schraubenschlüssel	Clé plate	La llave	La chiave

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

(X) Recommended Spare Parts / Kennzeichnet empfohlenes / Identifica un particolare di ricambio raccomandato / Designa el repuesto recomendado / Indique la pièce de rechange conseillée.

Exploded view diagram of a mechanical assembly. The diagram shows the following components and their assembly relationships:

- Part 1:** A main cylindrical component with internal threads.
- Part 2:** A threaded cap or plug.
- Part 3:** A washer or spacer.
- Part 4:** A washer or spacer.
- Part 5:** A small cylindrical component.
- Part 6:** A larger cylindrical component with a flange.
- Part 7:** A washer or spacer.
- Part 8:** A small bracket or support.
- Part 9:** A screw or bolt.
- Part 10:** A pin or clip.
- Part 11:** A threaded rod or pin.
- Part 12:** A large, curved housing or bracket.
- Part 13:** A threaded rod or pin.
- Part 14:** A mounting bracket or plate.
- Part 15:** A pin or clip.
- Part 16:** A spring.

The diagram illustrates the assembly of these components into a functional unit. A label "C" is located at the bottom right of the diagram.

Page 4

Dotco®
Saw Attachment

45-8183
12/29/2008

Illustration, Abbildung, Illustration, Ilustración, Illustrazione "B"

Ref	Number	#	X	EN	DE	FR	ES	IT
				Description	Benennung	Designation	Descripción	Descrizione
1	02-8200	1		Muffler Assembly				
2	01-2044	1		Lock Ring	Verschlussring	Bague de verrouillage	Anillo de cierre	Anello di bloccaggio
3	8054	1	3	Nylon Retainer	Haltevorrichtung	Bague d'arrêt	Retén	Fermo
4	3037	1	3	O-Ring	O-Ring	Joint torique	Anillo "O"	Anello ad O
5	8055	1	3	Muffler	Schalldämpfer	Silencieux	Silenciador	Silenziatore
6	8052	1		Muffler Housing	Gehäuse	Corps	Caja	Corpo
7	1169	1	3	O-Ring	O-Ring	Joint torique	Anillo "O"	Anello ad O
8	14-3037	1		Adjustment Bracket	Klammer	Support	Soporte	Staffa
9	2197	1	2	Washer	Scheibe	Rondelle	Arandela	Rondella
10	3295	1	2	Screw	Schraube	Vis	Tornillo	Vite
11	01-7678	1		Dead Handle	Toter Griff	Poignée morte	El Asidero muerto	Il Manico morto
12	7520	1		4" Saw Housing	Gehäuse	Corps	Caja	Corpo
13	3043	1	2	Set Screw	Stellschraube	Vis de pression	Tornillo fijador	Vite di arresto
14	14-3038	1		4" Saw Guard	Schutzvorrichtung	Protection	Guarda	Protezione
15	14-3036	1	2	Dowell Pin	Stift	Goupille cylindrique	Pasador	Spina
16	14-2662	1	3	Spring	Druckfeder	Ressort	Resorte	Molla

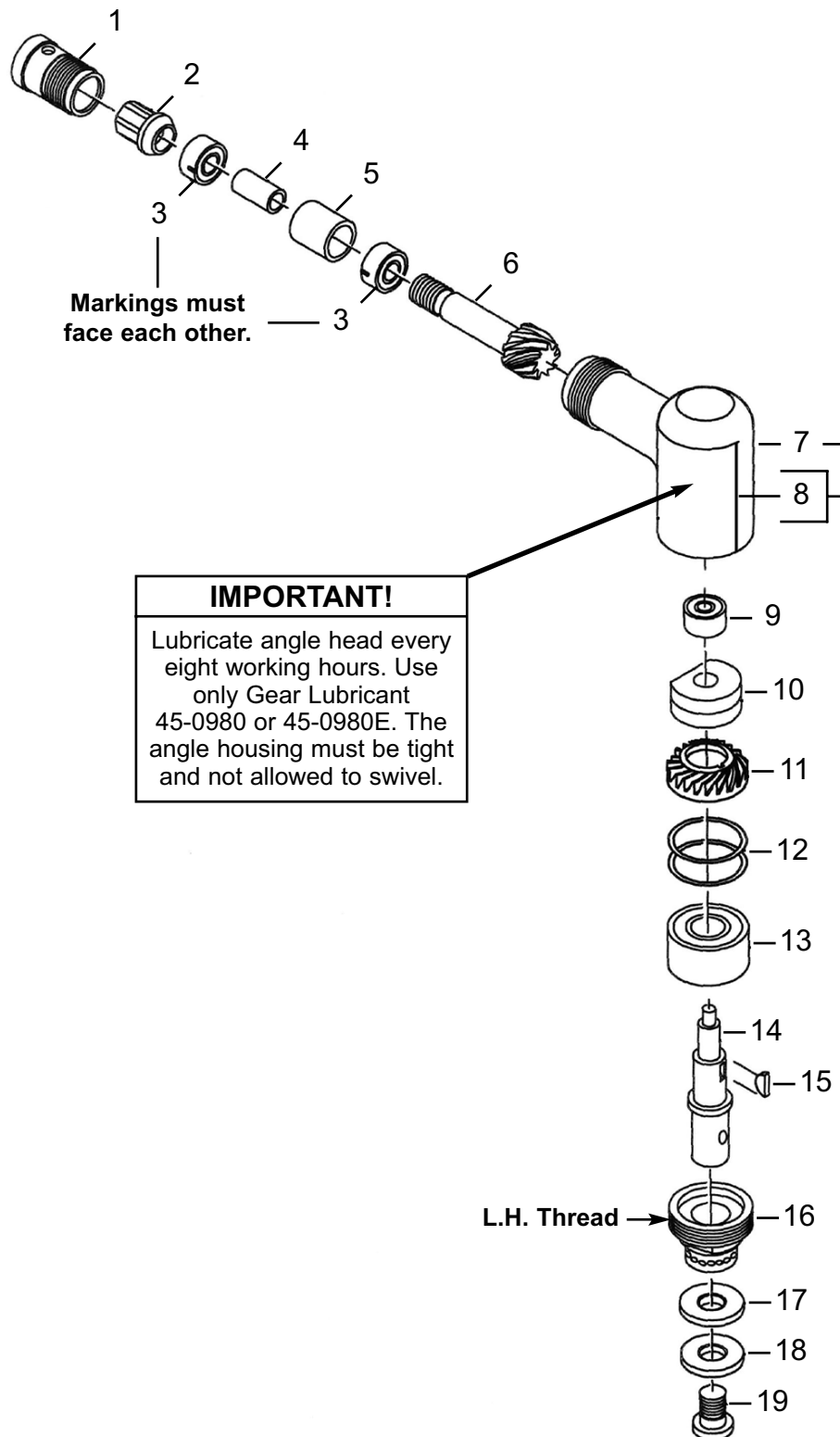
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Dotco®

Angle Head

"C"



Dotco®

Angle Head

45-8183

12/29/2008

Illustration, Abbildung, Illustration, Ilustración, Illustrazione "C"

Ref	Number	#	X	EN	DE	FR	ES	IT
				Description	Benennung	Designation	Descripción	Descrizione
1	2252	1		Lock Ring	Verschlußring	Bague de verrouillage	Anillo de cierre	Anello di bloccaggio
2	2284	1		Driver				
3	534	1	2	Duplex Bearing	Lager	Coussinet	Cojinete	Cuscinetto
4	2242	1		Spacer	Distanzstück	Entretoise	Espaciador	Distanziale
5	2237	1		Spacer	Distanzstück	Entretoise	Espaciador	Distanziale
6	Table "C"	1	1	Pinion Gear	Ritzelgetriebe	Pignon d'entraînement	Piñon diferencial	Ingranaggio a pignone
7	3246	1		Angle Housing	Winkelkopfgehäuse	Cage d'équerre	Alojamiento angular	Corpo testina angolare
8	1338	1		Lube Decal	Aufkleber	Etiquette	Etiqueta	Etichette
9	505	1	2	Ball Bearing	Kugellager	Roulement à billes	Cojinete de bolas	Cuscinetto a sfera
10	7755	2	4	Lube Disc				
11	Table "C"	1	1	Bevel Gear	Kegelrad	Engrenage conique	Engranaje cónico	Ingranaggio conico
12	2645	1	2	Shim Packet	Unterlegstück	Cale pelable	Calzo	Spessore
13	543	1	2	Ball Bearing	Kugellager	Roulement à billes	Cojinete de bolas	Cuscinetto a sfera
14	2379	1		Spindle	Spindel	Arbre	Husillo	Mandrino
15	2062	1	2	Woodruff Key	Schlüssel	Clavette	Llave	Chiave
16	3044	1		Lock Ring	Verschlußring	Bague de verrouillage	Anillo de cierre	Anello di bloccaggio
17	14-2573	1		Bushing (3/4" Arbor)	Lagerbuchse	Douille	Casquillo	Boccola
18	14-2575	1		Spacer (3/4" Arbor)	Distanzstück	Entretoise	Espaciador	Distanziale
19	14-2571	1	2	Screw	Schraube	Vis	Tornillo	Vite
Optional Arbor Hole Adapters:								
--	14-2575	2		Spacer (1/2" Arbor)	Distanzstück	Entretoise	Espaciador	Distanziale
--	14-2574	1		Bushing (5/8" Arbor)	Lagerbuchse	Douille	Casquillo	Boccola
--	14-2576	1		Bushing (7/8" Arbor)	Lagerbuchse	Douille	Casquillo	Boccola
--	14-2572	1		Bushing (1" Arbor)	Lagerbuchse	Douille	Casquillo	Boccola
Not Shown:								
--	45-1982	1		Grease Gun	Schmiermittel	Graisse	Grasa	Grasso
--	45-0980	1		Gear Lube	Zahnrad-Schmieröl	Lubrifiant De Vitesse	Lubricante Del Engranaje	Olio lubrificante Dell'Ingranaggio
--	14-0184	1		Hex Key (1/8")	Schlüssel	Clavette	Llave	Chiave
--	14-0185	1		Hex Key (5/32")	Schlüssel	Clavette	Llave	Chiave
--	14-0188	1		Wrench (1/4")	Schraubenschlüssel	Clé plate	La llave	La chiave

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Table, Tabelle, Tableau, Tabla, Tabella "C"

Ref	Description	#	12S2747	#	12S2748	#	12S2749
6	Pinion Gear	1	2646	1	2667	1	2676
11	Bevel Gear	1	2647	1	2668	1	2677

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