



Parts Manual • Ersatzteil Liste

Hoistractor:

Drive Wheel & Drive Sprocket Models used
with Hoist/Hoistractor Combination and Low
Headroom Units



Model	Speed	Drive Type
513208	Standard	Sprocket
513209	High	Sprocket
516678	Slow	Sprocket
513183	Standard	Neoprene Drive Wheel
539532	Standard	Adiprene Drive Wheel
513196	High	Neoprene Drive Wheel
513197	Slow	Neoprene Drive Wheel



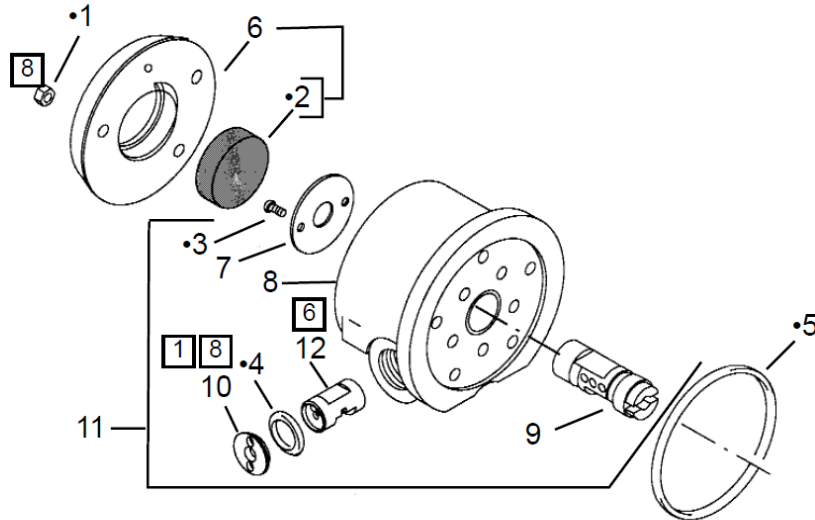
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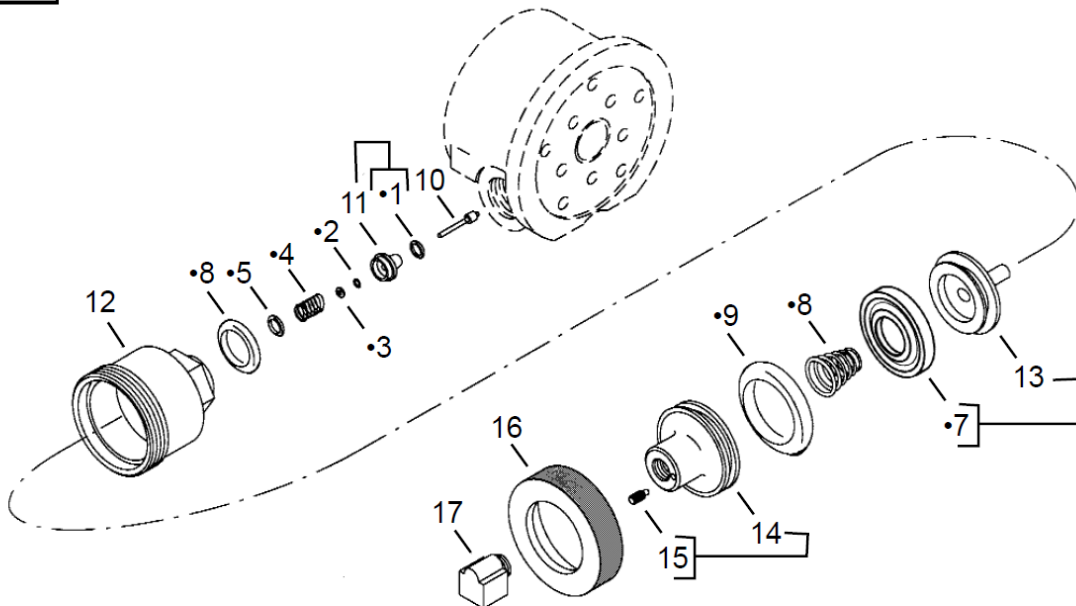
Head & Actuating Piston Assemblies

“A” Head Assembly



1 6 8 See Service Notes

“B” 501929 Actuating Piston Assembly (2 Required)



Head & Actuating Piston Assemblies (parts)

Illustration "A" - Head Assembly

Index	Number	#	-	EN	DE	FR	ES	IT
				Description	Benennung	Designation	Description	Description
1	C105J	5	10	Nut	Mutter	Ecrou	Tuerca	Dado
2	27489	1	2	Muffler	Auspufftopf	Silencieux	Silenciador	Silenziatore
3	B102J	2	4	Screw	Gewindestift	Vis	Tornillo	Vite
4	13063	2	4	O-Ring	O-Ring	Anneau "O"	Anillo "O"	Anello ad O
5	17834	1	2	O-Ring	O-Ring	Anneau "O"	Anillo "O"	Anello ad O
6	A27487	1		Adapter	Zwischenstück	Adaptateur	Adaptador	Adattotore
7	10360	1		Cover Plate	Abdeckplatte	Plaque de fermeture	Placa de la cubierta	Piattello di chiusura
8	A27326	1		Head	Koepf	Tete	Cabezal	Testa
9	10100	1		Distributor	Verteiler	Distributeur	Distribuidor	Distributore
10	18946	1		Valve Guide	Ventilführung	Guide-soupape	Guia de valvula	Guida valvola
11	526584	1		Head Assembly	Koepfzusammenbau	Assemblage de tete	Ensamblaje de cabezal	Assemblaggio testa
12	29961	1		Reversing Valve	Umsteuerventil	Vanne de renversement	Valvula de inversion	Valvola di reversibilita

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Illustration "B" - 501929 Actuating Piston Assembly (2 Required)

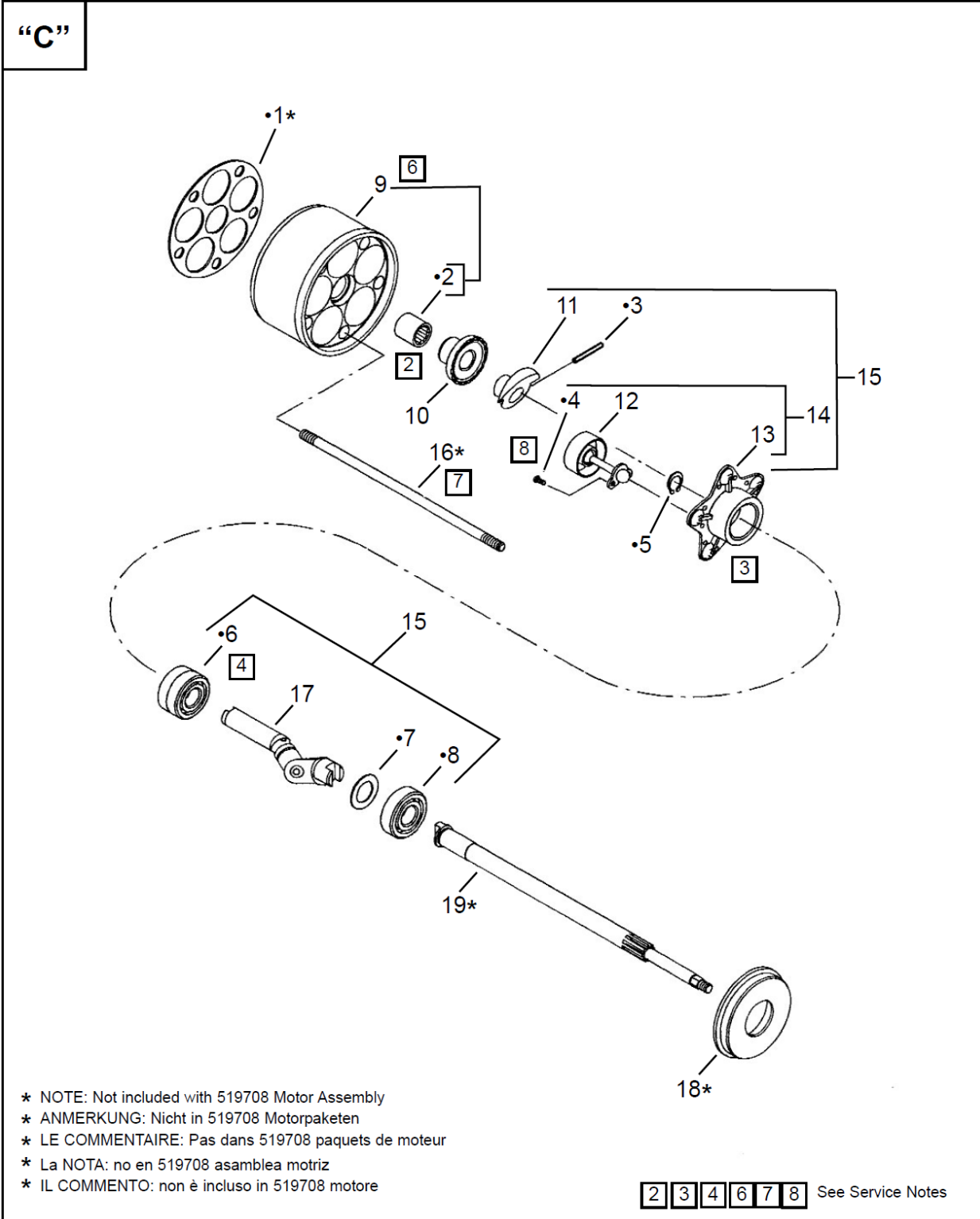
Index	Number	#	-	EN	DE	FR	ES	IT
				Description	Benennung	Designation	Description	Description
1	1008127	2	4	O-Ring	O-Ring	Anneau "O"	Anillo "O"	Anello ad O
2	22234	2	4	O-Ring	O-Ring	Anneau "O"	Anillo "O"	Anello ad O
3	W186	2	4	Washer	Scheibe	Rondelle	Arandela	Rondella
4	521984	2	4	Spring	Druckfeder	Ressort	Resorte	Molla
5	504970	2	4	O-Ring	O-Ring	Anneau "O"	Anillo "O"	Anello ad O
6	61151	2	4	O-Ring	O-Ring	Anneau "O"	Anillo "O"	Anello ad O
7	16356	2	4	Seal	Dichtung	Sceau	Sello	Guarnizione
8	30887	2	4	Spring	Druckfeder	Ressort	Resorte	Molla
9	14272	2	4	O-Ring	O-Ring	Anneau "O"	Anillo "O"	Anello ad O
10	17731	2		Pin	Stift	Goujon	Pasador	Spina
11	A17790	2		Valve	Ventil	Soupape	Valvula	Valvola
12	27740	2		Cylinder	Zylinder	Cylinder	Cilindro	Cilindro
13	539541	2		Piston	Kolben	Piston	Embolo	Pistone
14	501848	2		Cap	Kappa	Chapeau	Tapa	Cappello
15	501849	2		Adjusting Screw	Einstellschraube	Vis de réglage	Tornillo de ajuste	Vite di regolazione
16	17729	2		Nut	Mutter	Ecrou	Tuerca	Dado
17	F511	2		Elbow	Elbogen	Coude	Codo	Curva

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519708 Motor Assembly



519708 Motor Assembly (parts)

Illustration "C" - 519708 Motor Assembly

Index	Number	#	-	EN	DE	FR	ES	IT
				Description	Benennung	Designation	Description	Description
1	1V189	1	2	Gasket	Dichtung	Joint d' etancheite	Empaquetadura	Guarnizione
2	535712	1	2	Bearing	Lager	Coussinet	Cojinete	Cuscinetto
3	RP102E	1	2	Pin	Stift	Goujon	Pasador	Spina
4	B122R	10	20	Screw	Gewindestift	Vis	Tornillo	Vite
5	500740	1	2	Retaining Ring	Sicherungsring	Anneau de fixation	Anillo de retencion	Anello di fissaggio
6	22655	1	2	Bearing	Lager	Coussinet	Cojinete	Cuscinetto
7	14048	1	2	Washer	Scheibe	Rondelle	Arandela	Rondella
8	O155	1	2	Bearing	Lager	Coussinet	Cojinete	Cuscinetto
9	A21385	1		Cylinder	Zylinder	Cylindre	Cilindro	Cilindro
10	213772	1		Bevel Gear	Kegelrad	Engrenage conique	Engranaje conico	Ingranaggio conico
11	25196	1		Counter Weight	Ausgleichsgewicht	Contrepoids	Contrapeso	Contropeso
12	511504	5		Piston	Kolben	Piston	Embolo	Pistone
13	511505	1		Socket plate	Stecknussplatte	Plaque de douille	Placa de enchufe	Portapiattello
14	511503	1		Socket Plate Asm.	Stecknussplattenzusammenbau	Assemblage d' plaque de douille	Ensamblaje de la placa de enchufe	Gruppo portapiattello
15	519709	1		Driveshaft Asm.	Abtriebsschaftzusammenbau	Assemblage d' arbre transmission	Ensamblaje de eje motor	Gruppo abero motore
16	541843	5		Stud	Bolzen	Goujon	Esparrago	Perno sporgente
17	21386	1		Driveshaft	Abtriebsschaft	Arbe de transmission	Eje motor	Albero motore
18	60139	1		Adapter	Zwischenstück	Adaptateur	Adaptador	Adattatore
19	Table "C"	1		Spindle	Spindle	Brouche	Husillo	Mandrino

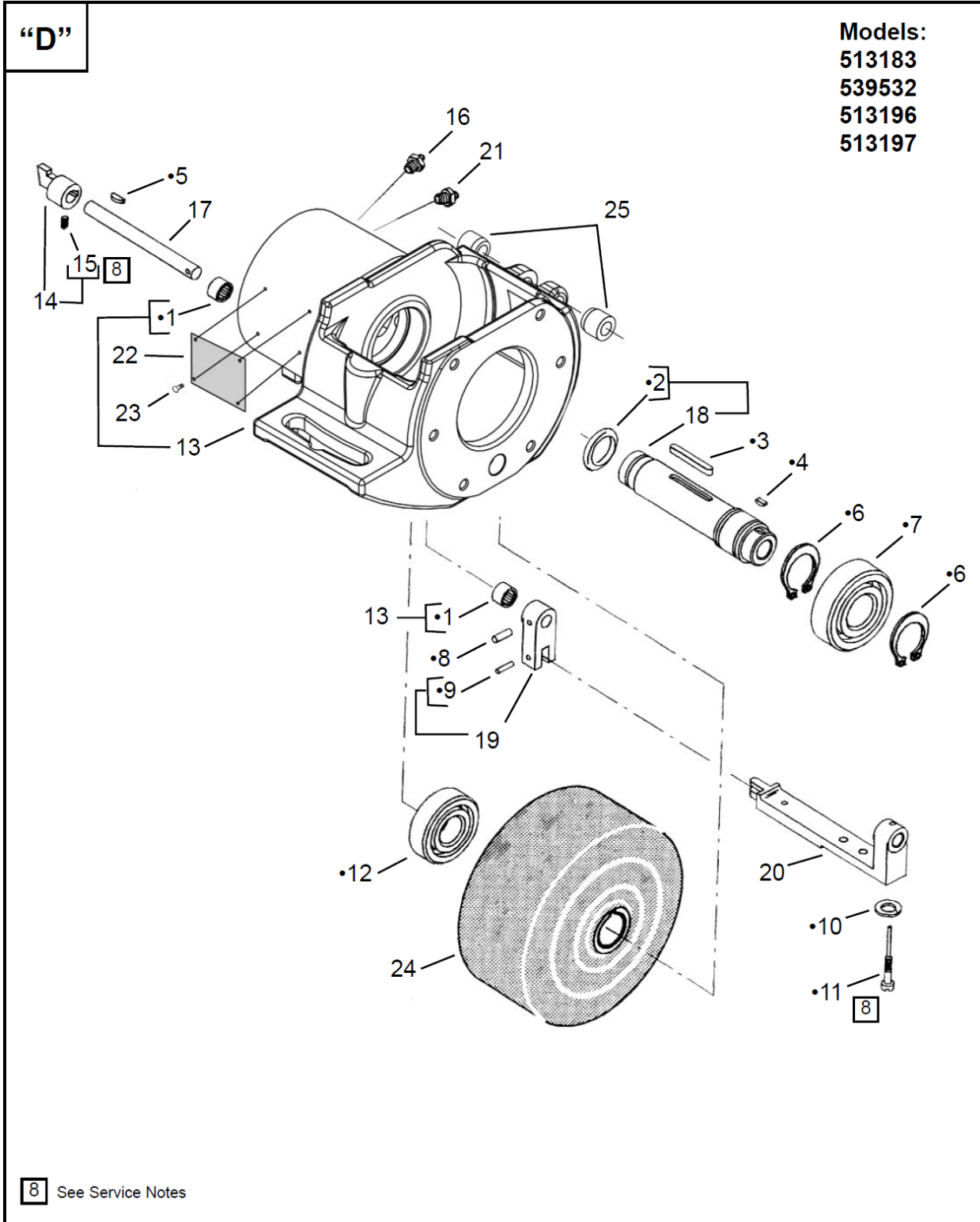
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Table "C"

Index #	Description	Qty.	516678	Qty.	513208	Qty.	513209	Qty.	513183	Qty.	539532	Qty.	513196	Qty.	513197
8	Spindle	1	507184	1	60136	1	60136	1	60136	1	60136	1	60136	1	507184

Frame Assembly - Wheel Drive



Frame Assembly - Wheel Drive (parts)

Illustration "D" - Frame Assembly - Wheel Drive

Index	Number	#	-	EN	DE	FR	ES	IT
				Description	Benennung	Designation	Description	Description
1	10358	2	4	Bearing	Lager	Coussinet	Conjinete	Cuscinetto
2	24684	1	2	O-Ring	O-Ring	Anneau "O"	Anillo "O"	O-Ring
3	30723	1	2	Key	Schlüssel	Cle	Liave	Chiave
4	16384	1	2	Key	Schlüssel	Cle	Liave	Chiave
5	2N721	1	2	Key	Schlüssel	Cle	Liave	Chiave
6	800152	2	4	Retaining Ring	Sicherungsring	Anneau de fixation	Anillo de retencion	Anello di fissaggio
7	60148	1	2	Bearing	Lager	Coussinet	Cojinete	Cuscinetto
8	60229	1	2	Pin	Stift	Goujon	Pasador	Spina
9	RP101M	1	2	Pin	Stift	Goujon	Pasador	Spina
10	W108	1	2	Washer	Scheibe	Rondelle	Arandela	Rondella
11	60233	1	2	Lock Screw	VerschluBschraube	Vis de fixation	Tornillo de prsion	Vite di bloccaggio
12	526529	1	2	Bearing	Lager	Coussinet	Cojinete	Cuscinetto
13	526217	1		Frame	Rahmen	Chassis	Armazon	Telaio
14	A10350	1		Control Finger	Steuerfinger	Doigt de controle	Dedo de control	Dente di comando
15	B118H	1		Screw	Gewindestift	Vis	Tornillo	Vite
16	500189	1		Relief Fitting	EntlastungspaBstuck	Monture de depouille	Accesorio de desahogo	Accessorio di sfogo
17	60133	1		Actuating Rod	Schaltstange	Tige de commande	Varilla de mando	Asta di comando
18	A60137	1		Shaft	Achse	Arbe	Eje	Abero
19	A60132	1		Actuating Arm	Schaltarm	Bras de commande	Brazo de mando	Braccio di comando
20	60125	1		Brake Arm	Bremsarm	Bras de frein	Brazo de freno	Braccio del freno
21	809660	1		Grease Fitting	Schmiernippel	Monture de graisse	Accesorio de grasa	Ingrassatore
22	515467	1		Name Plate	Namensschild	Plaque	Placa de identificacion	Targa
23	1443700	4		Screw	Gewindestift	Vis	Tornillo	Vite
24	Table "D"	1		Drive Wheel	Antriebsrad	Roue d'entrainement	Rueda impulsora	Ruota guida
25	513186	2		Bushing	Lagerbuchse	Douille	Casquillo	Boccola

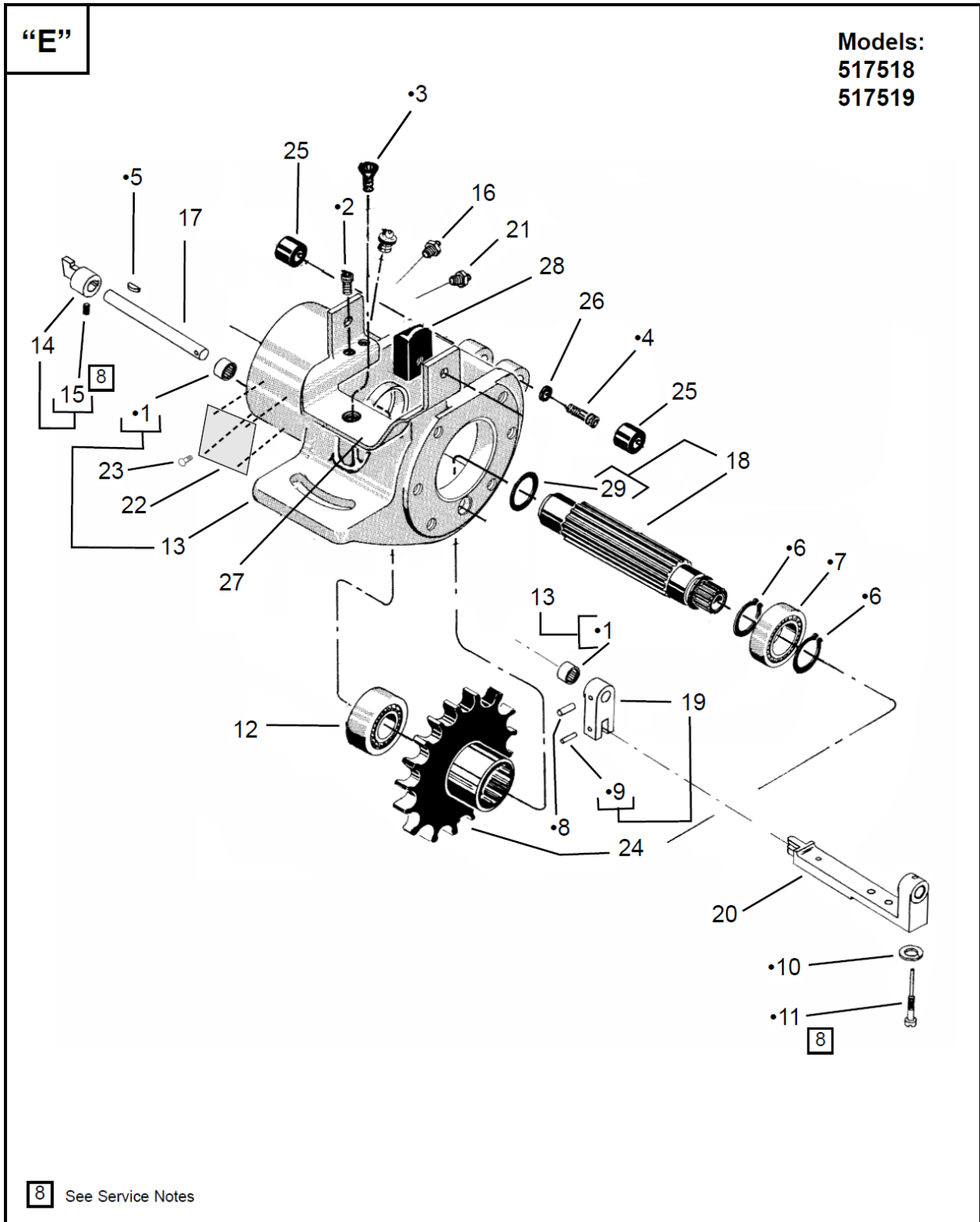
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Table "D"

Index #	Description	Qty.	513183	Qty.	539532	Qty.	513196	Qty.	513197
24	Drive Wheel (Neoprene)	1	60134		---	1	60134	1	60134
24	Drive Wheel (Adiprene)		---	1	507337		---		---

Frame Assembly - Sprocket Drive



Frame Assembly - Sprocket Drive (parts)

Illustration "E" - Frame Assembly - Sprocket Drive

Index	Number	#	-	EN	DE	FR	ES	IT
				Description	Benennung	Designation	Description	Description
1	10358	2	4	Bearing	Lager	Coussinet	Conjinete	Cuscinetto
2	B118B	4	8	Screw	Gewindestift	Vis	Tornillo	Vite
3	B123X	1	2	Screw	Gewindestift	Vis	Tornillo	Vite
4	B126N	2	4	Screw	Gewindestift	Vis	Tornillo	Vite
5	2N721	1	2	Key	Schlusssel	Cle	Liave	Chiave
6	800152	2	2	Retaining Ring	Sicherungsring	Anneau de fixation	Anillo de retencion	Anello di fissaggio
7	60148	1	2	Bearing	Lager	Coussinet	Cojinete	Cuscinetto
8	60229	1	2	Pin	Stift	Goujon	Pasador	Spina
9	RP101M	1	2	Pin	Stift	Goujon	Pasador	Spina
10	W108	1	2	Washer	Scheibe	Rondelle	Arandela	Rondella
11	60233	1	2	Lock Screw	VerschluBschraube	Vis de fixation	Tornillo de prsion	Vite di bloccaggio
12	526529	1	2	Bearing	Lager	Coussinet	Cojinete	Cuscinetto
13	513185	1		Frame	Rahmen	Chassis	Armazon	Telaio
14	A10350	1		Control Finger	Steuerfinger	Doigt de controle	Dedo de control	Dente di comando
15	B118H	1		Screw	Gewindestift	Vis	Tornillo	Vite
16	500189	1		Relief Fitting	EntlastungspaBstuck	Monture de depouille	Accesorio de desahogo	Accessorio di sfogo
17	60133	1		Actuating Rod	Schaltstange	Tige de commande	Varilla de mando	Asta di comando
18	508740	1		Shaft	Achse	Arbe	Eje	Abero
19	A60132	1		Actuating Arm	Schaltarm	Bras de commande	Brazo de mando	Braccio di comando
20	60125	1		Brake Arm	Bremsarm	Bras de frein	Brazo de freno	Braccio del freno
21	809660	1		Grease Fitting	Schmiernippel	Monture de graisse	Accesorio de grasa	Ingrassatore
22	515467	1		Name Plate	Namensschild	Plaque	Placa de identificacion	Targa
23	1443700	4		Screw	Gewindestift	Vis	Tornillo	Vite
24	507190	1		Sprocket	Speichen	Dent de pignon	Rueda dentada	Dente di dentatura per catena
25	513186	2		Bushing	Lagerbuchse	Douille	Casquillo	Boccola
26	W139	2		Washer	Scheibe	Rondelle	Arandela	Rondella
27	517502	1		Bracket	Klammer	Support	Soporte	Staffa
28	Table "E"	2		Shoe	Kissen	Tampon	Almohadilla	Cuscino ammortizzatore
29	24684	1	1	O-Ring	O-Ring	Joint torique	Anillo "O"	Anello ad O

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

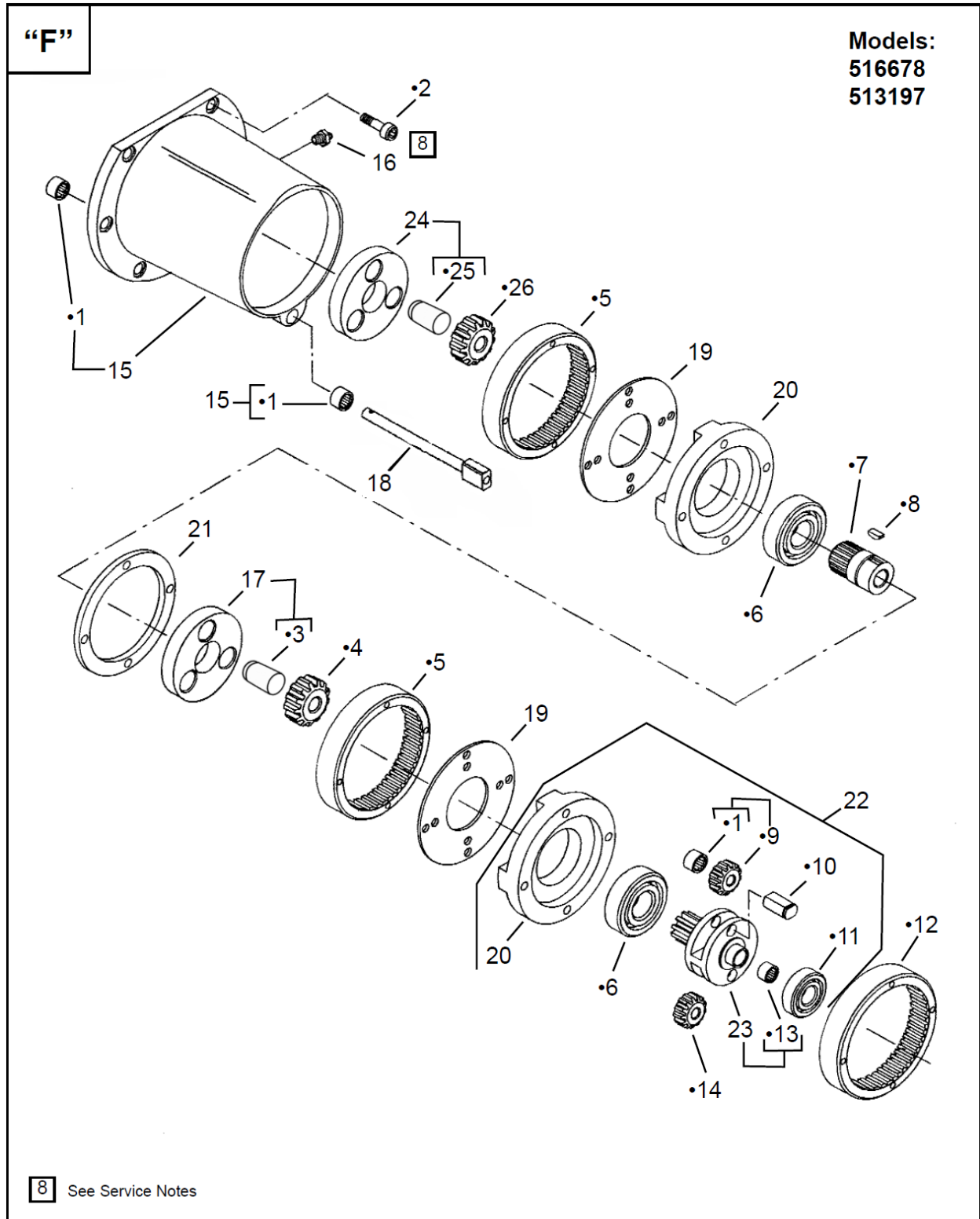
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Table "E"

Index #	Description	Flange Width					
		Qty.	3.00"	Qty.	3.33" to 3.56"	Qty.	4.00"
28	Shoe (2)	2	517518	2	517519	2	---



Gear Assembly A



Gear Assembly A (parts)

Illustration "F" - Gear Assembly

Index	Number	#	-	EN	DE	FR	ES	IT
				Description	Benennung	Designation	Description	Description
1	10358	4	8	Bearing	Lager	Coussinet	Conjinete	Cuscinetto
2	B112B	6	12	Screw	Gewindestift	Vis	Tornillo	Vite
3	511700	6	12	Pin	Stift	Goujon	Pasador	Spina
4	10326	6	12	Idler Gear	Zwischenzahnrad	Engrenage secondaire	Engranaje de secundario	Ingranaggio intermedio
5	10325	2	4	Ring Gear	Zahnkries	Couronne dentee	Engranaje de anillos	Guarnizione ingranaggio
6	10339	2	4	Bearing	Lager	Coussinet	Cojinete	Cuscinetto
7	507182	1	2	Short Spindle Gear	Ritzel	Engrenage de broche court	Engranaje de husillo corto	Ingranaggio corto
8	16384	1	2	Key	Schlüssel	Cle	Liave	Chiave
9	A27726	2	4	Idler Gaer	Zwischenzahnrad	Engrenage secondaire	Engranaje de secundario	Ingranaggio intermedio
10	25933	2	4	Pin	Stift	Goujon	Pasador	Spina
11	1008262	1	2	Bearing	Lager	Coussinet	Cojinete	Cuscinetto
12	10327	1	2	Ring Gear	Zahnkries	Couronne dentee	Engranaje de anillos	Guarnizione ingranaggio
13	800172	1	2	Bearing	Lager	Coussinet	Cojinete	Cuscinetto
14	20647	1	2	Pinion Gear	Ritzelgetriebe	Pignon, d'entrainement	Pinon diferencial	Ingranaggio a pignone
15	530251	1		Housing	Gewindestift	Cage	Caja	Corpe
16	809660	1		Grease Fitting	Schmiernippel	Monture de graisse	Accesorio de grasa	Ingrassatore
17	A103341	2		Idler Plate	Zwischenplatte	Plaque de roue intermediaire	Placa intermedia	Piastra intermedia
18	507183	1		Brake Rod	Bremsstange	Tige de frein	Varilla de freno	Asta del freno
19	10337	2		Washer	Scheibe	Rondelle	Arandela	Rondella
20	10338	2		Spacer	Distanzstück	Entretoise	Espaciador	Distanziale
21	507181	1		Spacer	Distanzstück	Entretoise	Espaciador	Distanziale
22	AA206461	1		Pinion Cage Asm	Ritzelkaefig - zusammenbau	Assemblage de cage a pignon	Ensamblaje de la caga de pinones	Gruppo gabbia pignone
23	A20646	1		Pinion Cage	Ritzelkaefig	Cage a pignon	Caja de pinones	Gabbia pignone
24	Table "F"	1		Idler Plate	Zwischenplatte	Plaque de roue intermediaire	Placa intermedia	Piastra intermedia
25	Table "F"	1		Pin	Stift	Goupille cylindrique	Pasador	Spina
26	Table "F"	1		Idler Gear	Zwischenzahnrad	Engrenage secondaire	Engranaje secundario	Ingranaggio intermedio

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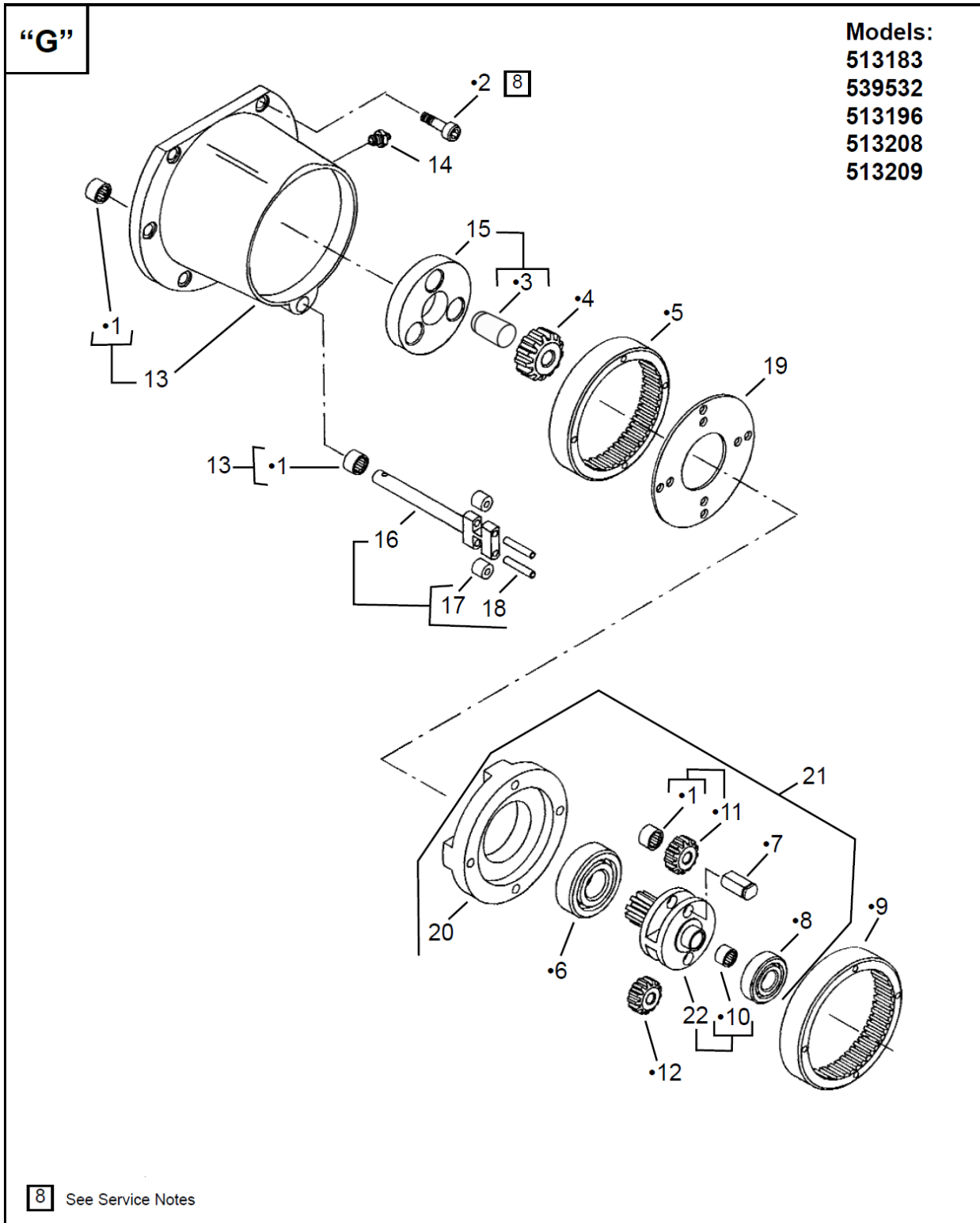
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Table "F"

Index #	Description	Qty.	513197	Qty.	516678
24	Idler Plate	1	A103341	1	530250
25	Pin	3	511700	3	529448
26	Idler Gear	3	10326	3	529447



Gear Assembly B



Gear Assembly B (parts)

Illustration "G" - Gear Assembly

Index	Number	#	-	EN	DE	FR	ES	IT
				Description	Benennung	Designation	Description	Description
1	10358	4	8	Bearing	Lager	Coussinet	Conjinete	Cuscinetto
2	B112B	6	12	Screw	Gewindestift	Vis	Tornillo	Vite
3	Table "G"	3	6	Pin	Stift	Goujon	Pasador	Spina
4	10326	3	6	Idler Gear	Zwischenzahnrad	Engrenage secondaire	Engranaje secundario	Ingranaggio intermeio
5	10325	1	2	Ring Gear	Zahnkreis	Couronne dentee	Engranaje de anillos	Guarnizione ingranaggio
6	10339	1	2	Bearing	Lager	Coussinet	Cojinete	Cuscinetto
7	25933	2	4	Pin	Stift	Goujon	Pasador	Spina
8	1008262	1	2	Bearing	Lager	Coussinet	Cojinete	Cuscinetto
9	10327	1	2	Ring Gear	Zahnkreis	Couronne dentee	Engranaje de anillos	Guarnizione ingranaggio
10	800172	1	2	Bearing	Lager	Coussinet	Cojinete	Cuscinetto
11	Table "G"	2	4	Idler Gear	Zwischenzahnrad	Engrenage secondaire	Engranaje secundario	Ingranaggio intermeio
12	20647	1	2	Pinion Gear	Ritzelgetriebe	Pignon d'entrainement	Pinon diferencial	Ingranaggio a pignone
13	A60124	1		Housing	Gehäuse	Cage	Cage	Corpe
14	809660	1		Grease Fitting	Schmiernippel	Monturede graisse	Accesorio de grasa	Ingrassatore
15	Table "G"	1		Idler Plate	Zwischenplatte	Plaque de roue intermediaire	Placa intermedia	Piastra intermedia
16	A60226	1		Brake Rod	Bremsstange	Tige de frein	Varilla de freno	Asta del freno
17	60228	2		Roller	Rolle	Rouleau	Cilindro	Rullo
18	DP105	2		Pin	Stift	Goujon	Pasador	Spina
19	10337	1		Thrust Washer	Scheibe	Rondelle	Arandela	Rondella
20	10338	1		Spacer	Distanzstück	Entretoise	Espaciador	Distaziale
21	Table "G"	1		Pinion Cage Asm	Ritzelkaefigzusammenbau	Assemblage de cage a pignon	Ensamblaje de la caga de pinones	Gruppo gabbie pignone
22	Table "G"	1		Pinion Cage	Ritzelkaefig	Cage a pignon	Caja de pinones	Gabbia pignone

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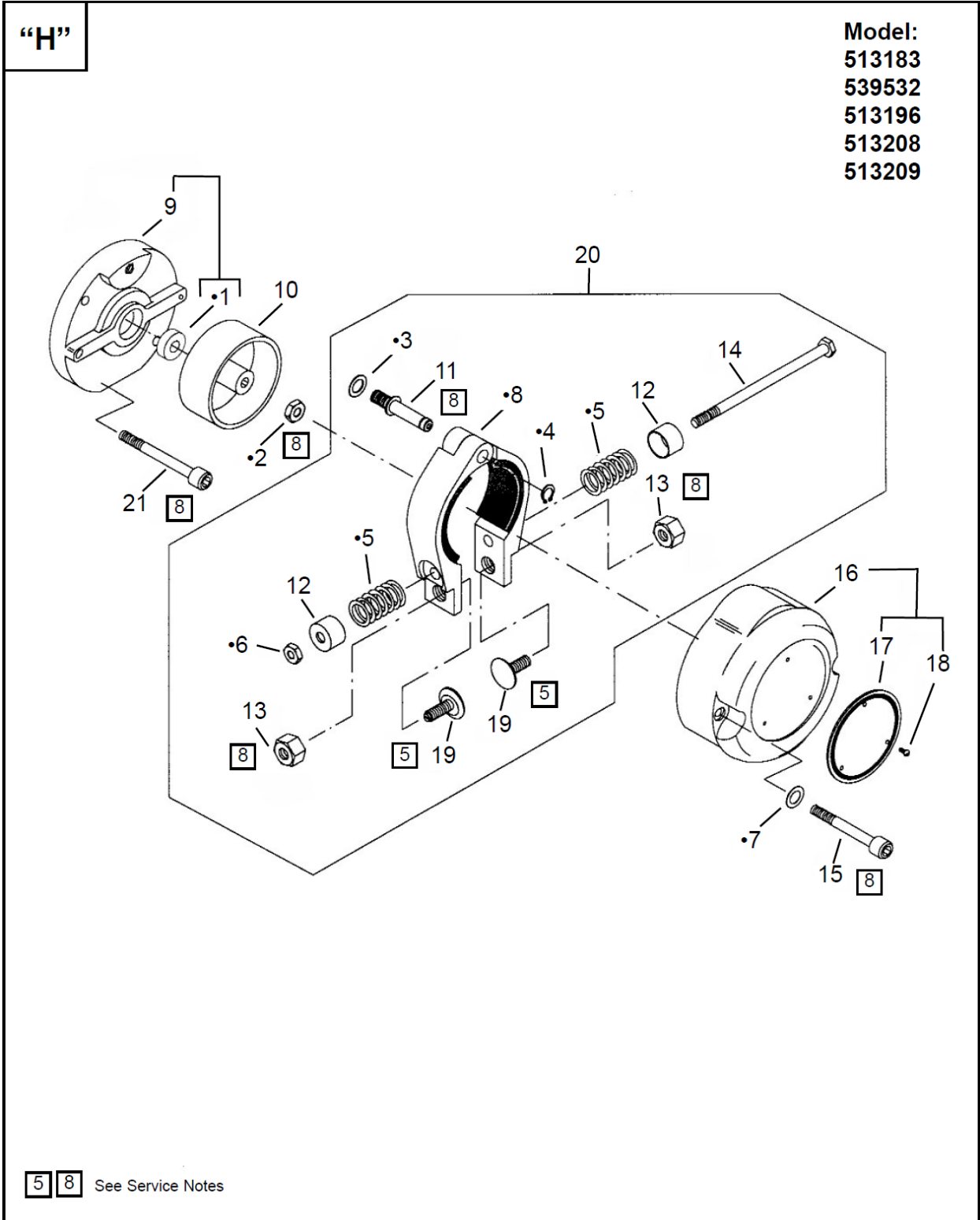
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Table "G"

Index #	Description	Qty.	513183	Qty.	539532	Qty.	513196	Qty.	513208	Qty.	513209
3	Pin	3	511700	3	511700	3	511700	3	529448	3	529448
11	Idler Gear	2	A25934	2	A25934	2	A27726	2	A25934	2	A27726
15	Idler Plate	1	A103341	1	A103341	1	A103341	1	530250	1	530250
21	Pinion Cage Asm	1	AAA10332	1	AAA10332	1	AA206461	1	AAA10332	1	AA206461
22	Pinion Cage	1	AA10332	1	AA10332	1	A20646	1	AA10332	1	A20646



Brake Assembly A



Brake Assembly A parts)

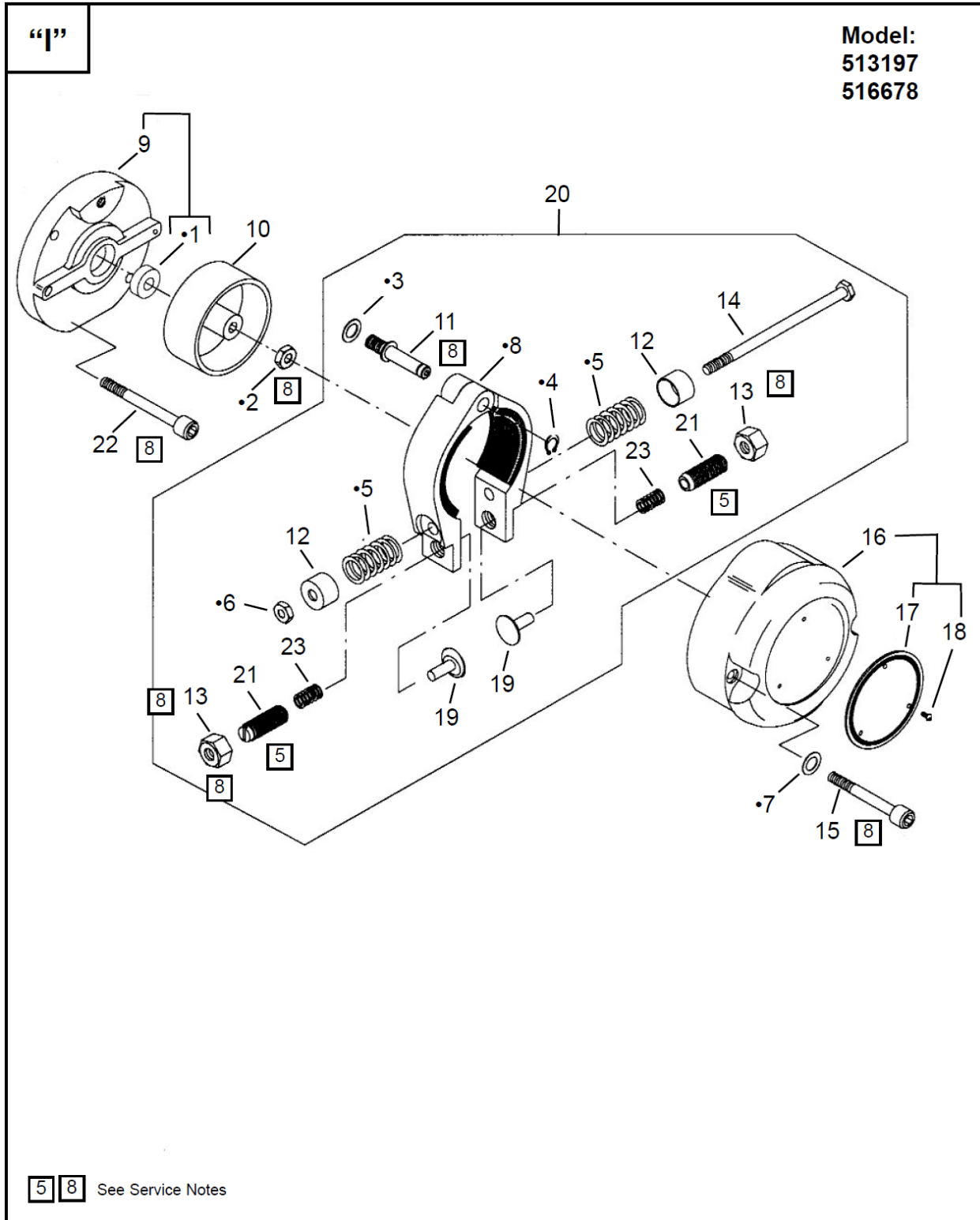
Illustration "H" - Brake Assembly

Index	Number	#	-	EN	DE	FR	ES	IT
				Description	Benennung	Designation	Description	Description
1	10373	1	2	Seal	Dictung	Sceau	Sello	Guarnizione
2	C107Z	1	2	Nut	Mutter	Ecrou	Tuerca	Dado
3	W141	1	2	Washer	Scheibe	Rondelle	Arandela	Rondella
4	800143	1	2	Retaining Ring	Sicherungsring	Anneau de fixation	Anillo de retencion	Anello di fissaggio
5	19112	2	4	Spring	Druckfeder	Ressort	Resorte	Molla
6	C101E	1	2	Nut	Mutter	Ecrou	Tuerca	Dado
7	W114	2	4	Washer	Scheibe	Rondelle	Arandela	Rondella
8	536155	2	4	Brake Shoe	Bremsbacke	Machoire de frein	Zapata de freno	Ganascia
9	A10345	1		Clamping Plate	Klemmplatte	Plaque de serrage	Placa de sujecion	Piastra di bloccaggio
10	26099	1		Brake Wheel	Bremsrad	Volant de frein a main	Rueda de freno	Volantino del freno
11	23159	1		Pivot Stud	Zapfenboizen	Goujon de pivot	Esparrago giratorio	Perno sporgente
12	19113	2		Cup Washer	Scheibe	Rondelle de cuvette	Arandela acopada	Rondelle concava
13	C103D	2		Nut	Mutter	Ecrou	Tuerca	Dado
14	B155A	1		Screw	Gewindestift	Vis	Tornillo	Vite
15	B123U	2		Screw	Gewindestift	Vis	Tornillo	Vite
16	514631	1		Brake Cover	Abdeckung der Bremse	Couvercle de frein	Cubierta de freno	Calotta del freno
17	60163	1		Name Plate	Namensschild	Plaque	Placa de identificacion	Targa
18	534820	3		Screw	Gewindestift	Vis	Tornillo	Vite
19	60227	2		Adjusting Screw	Einstellschraube	Vis de reglage	Tornillo de ajuste	Vite di regolazione
20	A60224	1		Brake Assembly	Bremsenbaugruppe	Ensemble de frinage	Ensamblaje de freno	Gruppo freno
21	B114T	4		Screw	Gewindestift	Vis	Tornillo	Vite

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

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

Brake Assembly B



Brake Assembly B (parts)

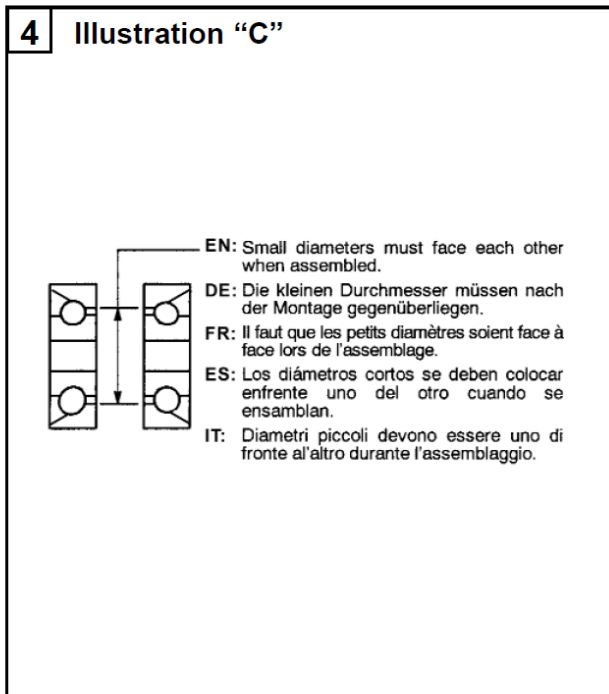
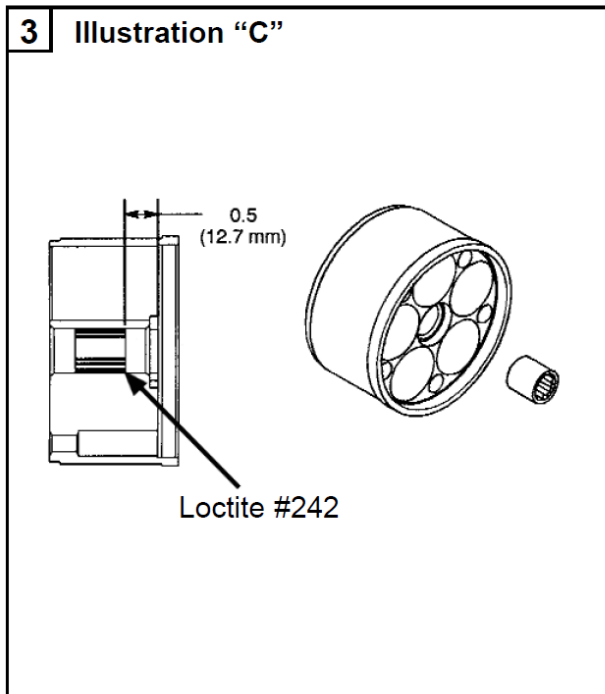
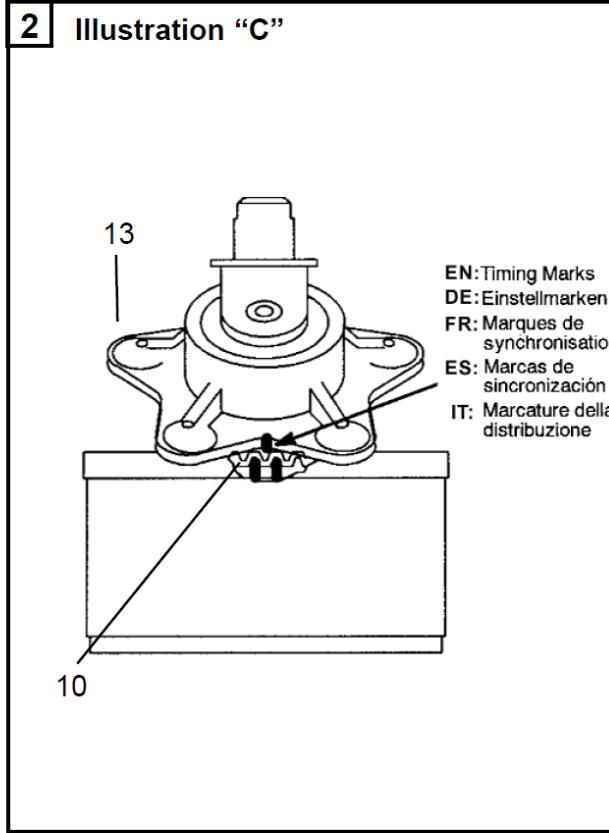
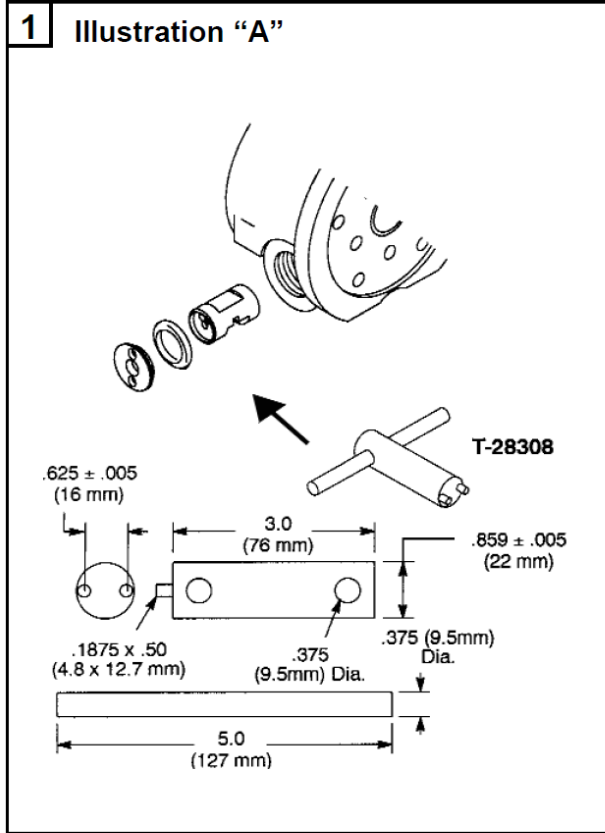
Illustration "I" - Brake Assembly

Index	Number	#	-	EN	DE	FR	ES	IT
				Description	Benennung	Designation	Description	Description
1	10373	1	2	Seal	Dictung	Sceau	Sello	Guarnizione
2	C107Z	1	2	Nut	Mutter	Ecrou	Tuerca	Dado
3	W141	1	2	Washer	Scheibe	Rondelle	Arandela	Rondella
4	800143	1	2	Retaining Ring	Sicherungsring	Anneau de fixation	Anillo de retencion	Anello di fissaggio
5	19112	2	4	Spring	Druckfeder	Ressort	Resorte	Molla
6	C101E	1	2	Nut	Mutter	Ecrou	Tuerca	Dado
7	W114	2	4	Washer	Scheibe	Rondelle	Arandela	Rondella
8	536155	2	4	Brake Shoe	Bremsbacke	Machoire de frein	Zapata de freno	Ganascia
9	A10345	1		Clamping Plate	Klemmplatte	Plaque de serrage	Placa de sujecion	Piastra di bloccaggio
10	26099	1		Brake Wheel	Bremsrad	Volant de frein a main	Rueda de freno	Volantino del freno
11	23159	1		Pivot Stud	Zapfenboizen	Goujon de pivot	Esparrago giratorio	Perno sporgente
12	19113	2		Cup Washer	Scheibe	Rondelle de cuvette	Arandela acopada	Rondelle concava
13	C103D	2		Nut	Mutter	Ecrou	Tuerca	Dado
14	B155A	1		Screw	Gewindestift	Vis	Tornillo	Vite
15	B123U	2		Screw	Gewindestift	Vis	Tornillo	Vite
16	514631	1		Brake Cover	Abdeckung der Bremse	Couvercle de frein	Cubierta de freno	Calotta del freno
17	60163	1		Name Plate	Namensschild	Plaque	Placa de identificacion	Targa
18	534820	3		Screw	Gewindestift	Vis	Tornillo	Vite
19	19111	2		Plunger	Plunger	Plongeur	Bomba de embolo	Pistone
20	536290	1		Brake Assembly	Bremsenbaugruppe	Ensemble de frinage	Ensamblaje de freno	Gruppo freno
21	19114	2		Adjusting Screw	Einstellschraube	Vis de reglage	Tornillo de ajuste	Vite di regolazione
22	530230	4		Screw	Gewindestift	Vis	Tornillo	Vite
23	26824	2	4	Spring	Druckfeder	Ressort	Resorte	Molla

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

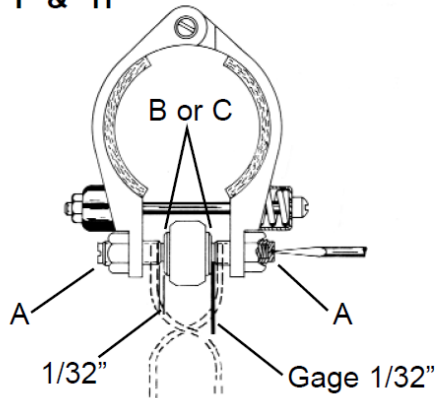
- Recommended Spare Parts / Kennzeichnet empfohlenes / Identifica un particolare di ricambio raccomandato / Designa el repuesto recomendado / Indique la pièce de rechange conseillée

Service Notes 1-4



Service Notes 5-7

5 Illustration "I" & "H"



- EN:** Turn the adjusting screws (A) in until 1/32 clearance is obtained between end of adjusting screw & the plungers (B) or brake rod rollers (C) and then turn the adjusting screw another 1/4 turn. As the brake wears, it should be readjusted. If this adjustment causes sudden stops and starts, tighten the adjusting screws equally to suit the operating conditions. Tightening the screws will release the brake tension.
- DE:** Drehung weiter anziehen. Die Bremse sollte mit der Abnutzung nachgestellt werden. Die Stellschrauben gemäß den Betriebsbedingungen gleichmäßig anziehen, falls diese Einstellung zum plötzlichen Anhalten und Anfahren führt. Durch Anzug der Schrauben wird der Bremsdruck entlastet.
- FR:** Tourner les vis de réglage (A) jusqu'à ce que les plongeurs se mettent en contact avec la tige de frein (B) ou les rouleaux de la tige de frein (C) puis tourner la vis de réglage d'un autre quart de tour. Lorsque le frein s'use, il devrait être rajusté. Si cet ajustement cause des arrêts et des démarrages brusques, serrer les vis de réglage également pour accommoder les conditions de fonctionnement. Le serrage des vis relâchera la tension du frein.
- ES:** Gire los tornillos de ajuste (A) hacia adentro hasta que la pieza de presión haga contacto con la varilla de freno (B) o con los rodillos de la varilla de freno (C) y luego gire los tornillos de ajuste 1/4 de giro más. A medida que el freno se desgasta debe ser reajustado. Si este ajuste causa paradas y arranques repentinos, apriete los tornillos de ajuste equitativamente para ajustarse a las condiciones de operación. Al apretar los tornillos se liberará la tensión del freno.
- IT:** Girare le viti di regolazione (A) fino al contatto del pistoni con l'asta del freno (B) o i relativi rulli (C). Girare le viti di regolazione un altro 1/4 di giro. Quando i freni mostrano segni di usura, è necessario registrarli. Se a seguito della regolazione si presentano avvisi o fermata brusche, fissare le viti di regolazione in uguale misura, secondo le condizioni operative. Il fissaggio delle viti consente il rilascio della tensione del freno.

Illustration "I"

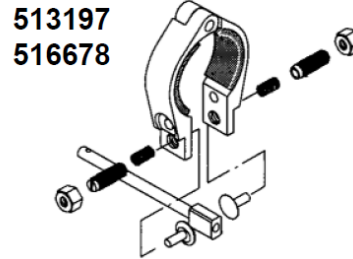
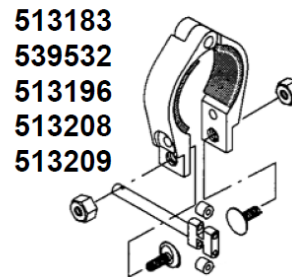
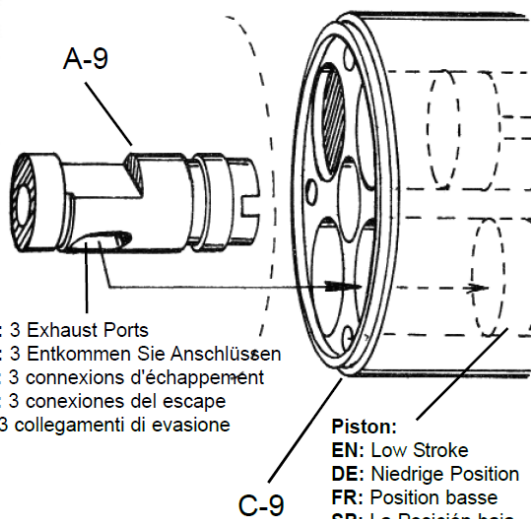


Illustration "H"

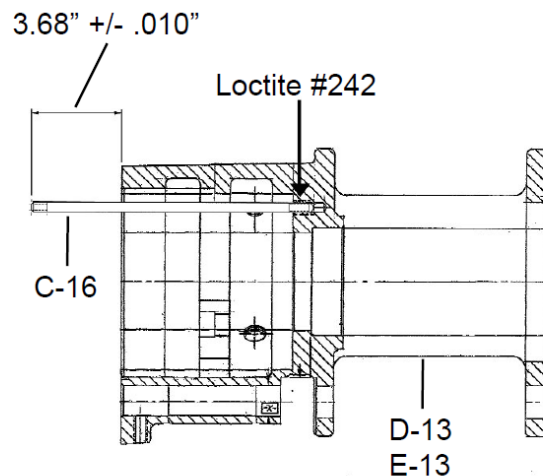


6 Illustration "A" & "C"



- EN:** 3 Exhaust Ports
DE: 3 Entkommen Sie Anschlüssen
FR: 3 connexions d'échappement
SP: 3 conexiones del escape
IT: 3 collegamenti di evasione
- Piston:**
EN: Low Stroke
DE: Niedrige Position
FR: Position basse
SP: La Posición baja
IT: La Posizione bassa

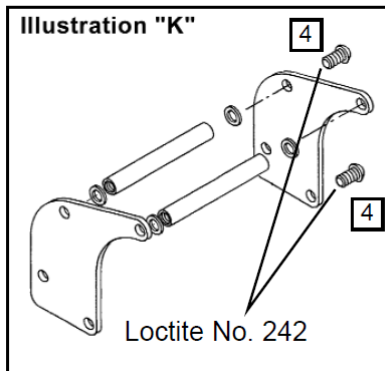
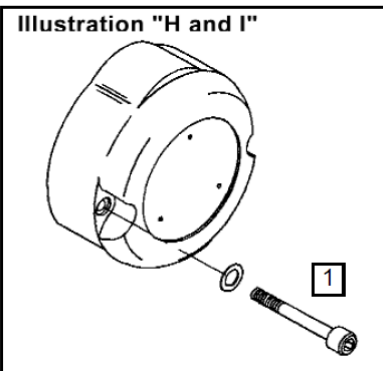
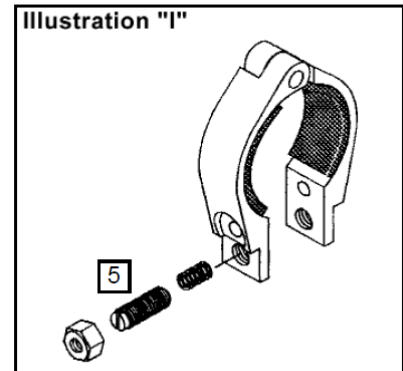
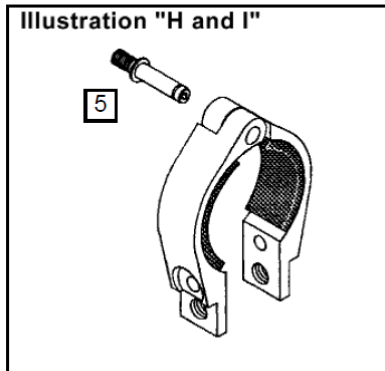
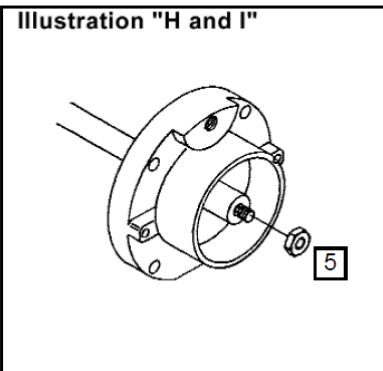
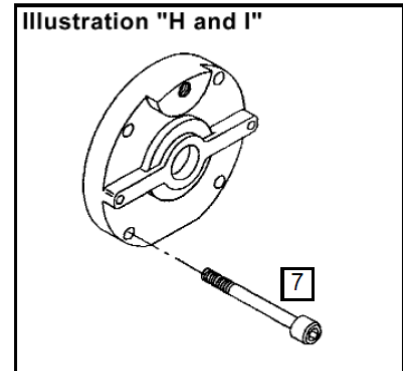
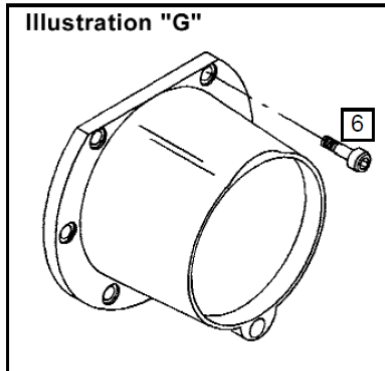
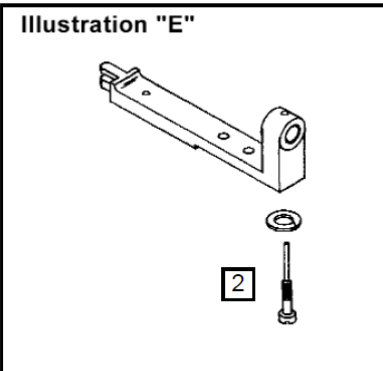
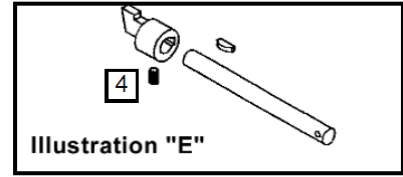
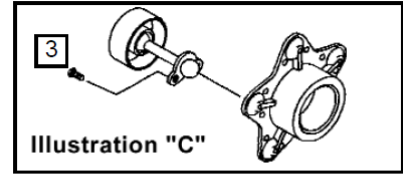
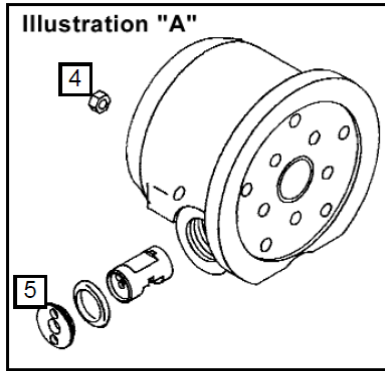
7 Illustration "C", "D" & "E"



Service Notes

8

- 1 14-18 In. Lbs. (1,6-2,0 Nm)
- 2 18-24 In. Lbs. (2,0-2,7 Nm)
- 3 34-39 In. Lbs. (3,8-4,4 Nm)
- 4 5-6 Ft. Lbs. (6,8-8,1 Nm)
- 5 6-7 Ft. Lbs. (8,1-9,5 Nm)
- 6 8-12 Ft. Lbs. (10,8-16,3 Nm)
- 7 11-12 Ft. Lbs. (14,9-16,3 Nm)
- 8 16-17 Ft. Lbs. (21,7-23,0 Nm)





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