

4300 Series Overhaul Parts Replacement List

The following parts must be replaced at overhaul. Additional parts may require replacement depending on conditions as determined during magneto inspection. Install only Slick Replacement Parts. Use only genuine Slick manufactured parts obtained from Slick approved sources. Genuine Slick parts are produced and inspected under rigorous procedures to insure airworthiness and suitability in Slick magnetos. Parts purchased from sources other than Slick, even though outwardly identical in appearance may not have had the required tests and inspections performed, may be different in fabrication techniques and materials, and may be dangerous when installed in a Slick magneto. Salvaged magneto parts, reworked parts obtained from non-Slick approved sources, or parts the service history of which is unknown or cannot be authenticated, may have been subjected to unacceptable stresses or temperatures, or have other hidden damage not discernible through routine visual or usual nondestructive testing techniques. This may render service work with this part, even though originally manufactured by Slick, unsuitable or unsafe for use in a Slick magneto. Slick expressly disclaims any responsibility for malfunctions, failures, damage or injury caused by use of non-Slick approved parts. Slick magnetos are engineered so that mechanical parts wear at a balanced rate. Consistent and complimentary wear patterns establish the recommended maintenance intervals defined in Slick service literature, therefore used service-worn parts should never be used to troubleshoot or repair a magneto, nor should original parts be replaced by used service-worn parts on magnetos being returned to service. Further, non-Slick

manufactured parts may wear at uneven and different rates than original Slick manufactured parts, making Slick service literature an inappropriate guide to proper maintenance. Parts not manufactured by Slick, even if FAA/PMA approved, may not fit or operate like original Slick manufactured parts. FAA testing of PMA parts does not require operation on an engine or flight tests and does not require the test duration to exceed the maintenance intervals called out in Slick literature. For these reasons, used service worn parts or parts not manufactured by Slick may adversely affect magneto reliability in ways not anticipated by Slick Aircraft Products and its service literature.

Description	Qty.
Condenser	1
Double sealed bearing	1
Bearing cap assembly	1
Coil	1
Impulse coupling	1
Oil seal	1
Contact point kit	1
Rotor gear	1
Distributor block and gear	1

Note: See 4300 Series service parts list table for correct part number for a specified model magneto.

SLICK 4300 MAG PARTS

4300 Service Parts List

Ref. No.	Description	4301	4302	4303	4309	4310	4316	4330	4331	4333	4342	4344	4345	Qty. Used
1	Cotter pin	M2556-10	M2556-10	M2556-10	M2556-10	M2556-10	M2556-10	M2556-10	M2556-10	M2556-10	M2556-10	M2556-10	M2556-10	1
2	Nut	M3019	M3019	M3019	M3019	M3019	M3019	M3019	M3019	M3492	M3019	M3019	M3019	1
3	Washer	M3172	M3172	M3172	M3172	M3172	M3172	M3172	M3172	—	M3172	M3172	M3172	1
4	Impulse coupling assembly	M3007	—	—	—	—	M3076	M3068	—	M3994	—	—	—	1
5	Oil seal	M3062	M3062	M3062	M3062	M3062	M3062	M3062	M3062	M3062	M3062	M3062	M3062	1
6	Air vent	M1077	M1077	M1077	M1077	M1077	M1077	M1077	M1077	M1077	M1077	M1077	M1077	1
7	Frame	M3859	M3900	M3859	M3900	M3900	M3888	M3888	M3900	M5002	M3900	M3900	M3900	1
8	Rotor	M3073	M3513	M3338	M3073	M3073	M3047	M3065	M3065	M5000	M3548	M3513	M3548	1
9	Bearing kit	K3318-4	K3318-4	K3318-4	K3318-4	K3301	K3318-4	K3318-4	K3318-4	K3318-4	K3301	K3301	K3301	1
10	Ball bearing	M3006	M3006	M3006	M3006	M3006	M3006	M3006	M3006	M3006	M3006	M3006	M3006	1
11	Bearing cap assembly	K3485	K3485	K3485	K3485	K3630	K3485	K3485	K3485	K3485	K3630	K3630	K3630	1
12	Bearing cap clamp	M3018	M3018	M3018	M3018	M3018	M3018	M3018	M3018	M3018	M3018	M3018	M3018	2
13	Screw	M3221-10	M3221-10	M3221-10	M3221-10	M3221-10	M3221-10	M3221-10	M3221-10	M3221-10	M3221-10	M3221-10	M3221-10	2
14	Contact point primary	M3081	M3081	M3081	M3081	M3637	M3081	M3081	M3081	M3081	M3637	M3637	M3637	1
15	Contact point secondary	—	—	—	—	M3637	—	—	—	—	M3740	M3740	M3637	1
16	Rotor gear	M3827	M3827	M3827	M3827	M3827	M3827	M3827	M3827	M3827	M3827	M3827	M3827	1
17	Woodruff key	M2536	M2536	M2536	M2536	M2536	M2536	M2536	M2536	M2536	M2536	M2536	M2536	1
18	Coil wedge	M3040	M3040	M3040	M3040	M3040	M3040	M3040	M3040	M3040	M3040	M3040	M3040	2
19	Screw	M3020-10	M3020-10	M3020-10	M3020-10	M3020-10	M3020-10	M3020-10	M3020-10	M3020-10	M3020-10	M3020-10	M3020-10	1
20	Coil	K3975	K3975	K3975	K3975	K3975	K3975	K3975	K3975	K3975	K3975	K3975	K3975	1
21	Screw	M2555-10	M2555-10	M2555-10	M2555-10	M2555-10	M2555-10	M2555-10	M2555-10	M2555-10	M2555-10	M2555-10	M2555-10	1
22	Air vent with hood	M3084	M3084	M3084	M3084	M3084	M3084	M3084	M3084	M3084	M3084	M3084	M3084	1
23	Screw	M3015-10	M3015-10	M3015-10	M3015-10	M3015-10	M3015-10	M3015-10	M3015-10	M3015-10	M3015-10	M3015-10	M3015-10	3
24	Housing, distributor	M3902	M3902	M3902	M3902	M3832	M3902	M3902	M3902	M3902	M3874	M3874	M3832	1
25	Capacitor	K3984	K3984	K3984	K3984	K3984	K3984	K3984	K3984	K3984	K3984	K3984	K3984	1
26	Distributor block and gear assembly	K3822	K3822	K3822	K3822	K3822	K3822	K3822	K3822	K3822	K3822	K3822	K3822	1
27	Carbon brush	M3215	M3215	M3215	M3215	M3215	M3215	M3215	M3215	M3215	M3215	M3215	M3215	1
28	Washer	M2532-10	M2532-10	M2532-10	M2532-10	M2532-10	M2532-10	M2532-10	M2532-10	M2532-10	M2532-10	M2532-10	M2532-10	1
29	Screw	M3021-10	M3021-10	M3021-10	M3021-10	M3021-10	M3021-10	M3021-10	M3021-10	M3021-10	M3021-10	M3021-10	M3021-10	2
30	Spacer	M3826-10	M3826-10	M3826-10	M3826-10	M3826-10	M3826-10	M3826-10	M3826-10	M3826-10	M3826-10	M3826-10	M3826-10	2

