

6300 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 shielded bearing	1
Bearing cap assembly	1
Coil	1
Impulse coupling	1
Oil seal	1
Contact point	1
Rotor gear	1
Distributor block and gear	1

Pressurized magnetos: In addition to above parts, the following components must be replaced at every overhaul.

Description	Qty.
Pressurized magneto kit	1
Round head screw	1
Round head screw	3
Frame gasket	1
Housing screw	4
Harness cap O-ring	1

Note: See 6300 Series service parts list table for correct part number for a specified model magneto.

