

PRECISION
AIRMOTIVE CORPORATION
Service Information
Letter - Fuel Systems

SMALL RECIPROCATING ENGINES

Model HA-6

No. 11-01-94

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**SUBJECT: INTRODUCTION OF ADVANCED POLYMER FLOATS
FOR HA-6 MODEL CARBURETORS.**

- A. **EFFECTIVITY:** All HA-6 model carburetors.
- B. **REASON:** Precision Airmotive Corporation has introduced a product improvement for HA-6 carburetors. An Advanced Polymer (AP) Float has been developed to improve service life and resistance to damage due to rough handling.
- C. **DESCRIPTION:** HA-6 carburetor floats made from an advanced polymer material are now being produced. The 30-800 AP float is FAA-PMA approved and is eligible for installation in all HA-6 carburetors. AP floats will also be sold as part of the 666-943 float kit. The 29-194 float valve clip is not needed with the AP float, see E-943 float kit installation instructions for installation details.
- D. **MATERIAL AVAILABILITY:** Only 30-800 AP floats will be available from Precision Airmotive. Existing 30-768 brass floats may be used until stock is exhausted.
- E. **PUBLICATIONS AFFECTED:** Overhaul manuals (MSAFSM, MSAOH-3, and MSAOH-4) should be corrected as follows:
1. Replace part number 30-768 with 30-800 on all HA-6 illustrated parts list pages.
 2. Remove part number 29-194 from all HA-6 illustrated parts list pages. This clip is not used with the 30-800 AP floats.
 3. Add the E-943 float kit installation instructions to the overhaul section of the manual.

NOTE: Future manual releases will reflect these changes.

- F. **ATTACHMENTS:** The E-943 float kit instructions are attached to this service information letter and should be kept with the applicable overhaul manual for reference.