

**Marvel-Schebler Aircraft
Carburetors LLC**

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**SUBJECT: SAFETY ALERT – MSA CARBURETOR
MAINTENANCE MANUAL/DATA USE**

1. **Applicability:** Maintenance manuals and service information for carburetors manufactured by Marvel Schebler Aircraft Carburetors, LLC and its predecessors in interest; Volarè Carburetors, Precision Airmotive, Facet, Zenith, and Borg-Warner/Marvel Schebler (for brevity, collectively referred to herein as “MSA”). Marvel-Schebler® purchased from Precision Airmotive the rights to Precision Airmotive’s MSAFSM Rev-C, Chg-3 dated 08/01/07 including its use and custody of its contents.
2. **Reason:** AVStar carburetors appear externally similar to MSA carburetors. They have been marked with the same model designations and carry similar part numbers. However, AVStar carburetors were designed and manufactured independently from MSA and have significant design differences from carburetors manufactured by MSA. MSA’s Service Manuals (FSM,CSM), Service Bulletins (SB), and other maintenance, test, and operation data must NEVER be used to perform work on carburetors manufactured by AVStar.
3. **Specific Applicability:** Current service manuals applicable to MSA carburetors are:
 - Marvel-Schebler® Carburetor Service Manual MSACSM Rev-1, Chg-0 for MA-3™ and MA-4™ series carburetors issued 05/15/13. This manual replaces and obsoletes Precision Airmotive MSAFSM Rev-C, Chg-3 dated 08/01/07 and previous manual(s) for these series carburetors.

- Marvel-Schebler® Carburetor Service Manual MSACSM-OH2 Rev-O, Chg-0 date 08/19/11 for MA-4-5™, MA-5™ and MA-6™ series carburetors. This manual obsoletes and replaces Precision Airmotive MSAFSM Rev-C, Chg- 3 dated 08/01/07 and previous manual(s) for these series carburetors.
- Marvel-Schebler® Carburetor Service Manual MSACSM-OH3 Rev-O, Chg-0 date 08/19/11 for HA-6™ series carburetors. This manual obsoletes and replaces Precision Airmotive MSAFSM Rev-C, Chg-3 dated 08/01/07 and previous manual(s) for these series carburetors.

MSA Service Bulletins and current manual information can be found at:

www.msacarbs.com

DO NOT USE THE DATA LISTED ABOVE OR EARLIER REVISIONS OF PREDECESSORS' MANUALS / SERVICE BULLETINS TO SERVICE AVSTAR CARBURETORS.

If anyone instructs you to use MSA Field Service Manuals or other MSA maintenance data to perform maintenance on any carburetor manufactured by any company other than MSA please advise MSA by email at customerservice@msacarbs.com.

WARNING: Use of MSA maintenance data to work on carburetors manufactured and built to different design specifications by manufacturers other than MSA may result in parts failures, carburetor malfunctions, damage, injury, and death. MSA and predecessors' maintenance data was designed for use solely with carburetors manufactured by MSA and its predecessors.

WARRANTY: MSA replacement parts must NEVER be used in any carburetor NOT manufactured by MSA REGARDLESS OF THE MODEL NUMBER ON THE CARBURETOR'S DATA TAG. MSA parts are NOT approved for use in AVStar carburetors. MSA makes absolutely NO WARRANTY on any MSA part and absolutely NO WARRANTY on any MSA manual or other service publication that is used in conjunction with any carburetor or to maintain any carburetor made by AVStar.

WARNING: MSA maintenance data is NOT approved and is NOT appropriate for use with carburetors manufactured by AVStar.

If you have maintained a carburetor manufactured by AVStar using MSA maintenance data or MSA parts, REMOVE THAT CARBURETOR FROM SERVICE BEFORE FURTHER FLIGHT.