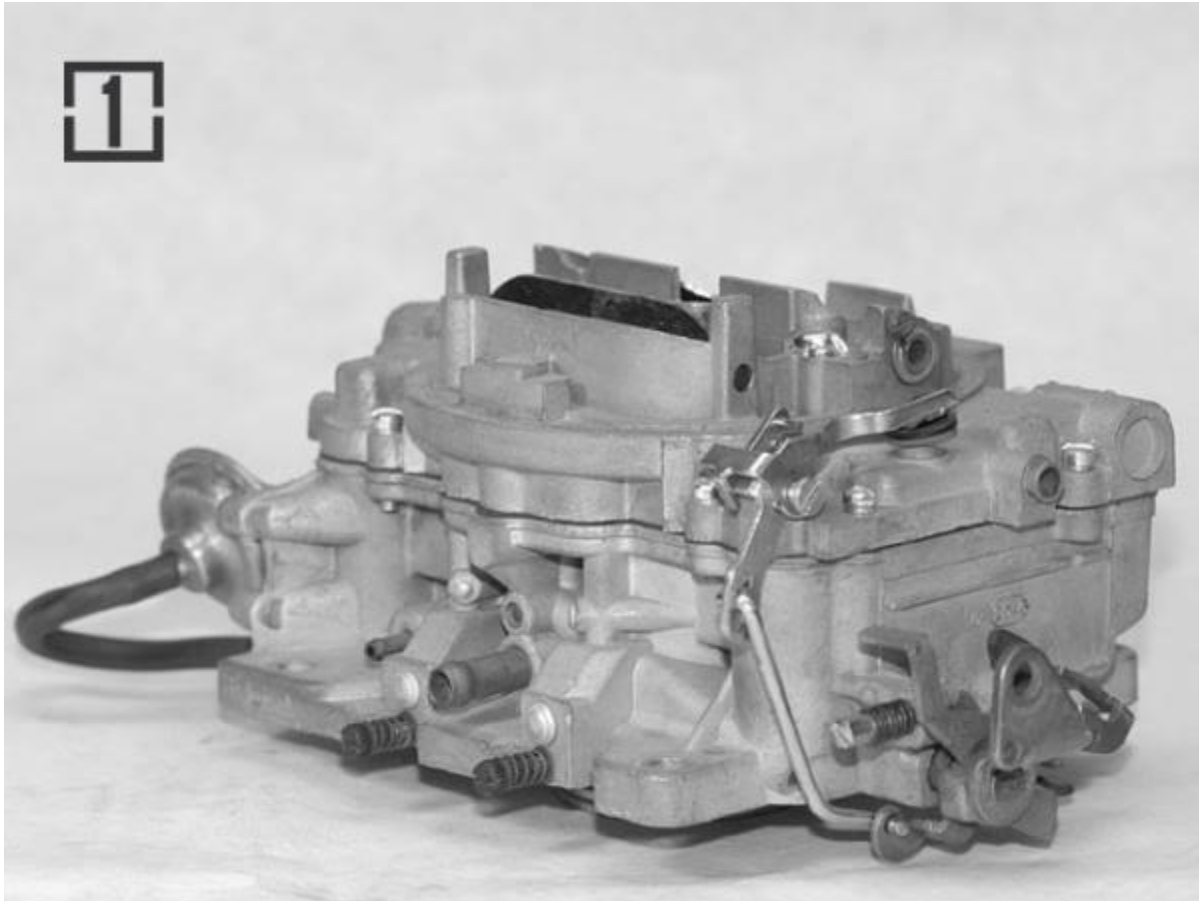


Carter AVS

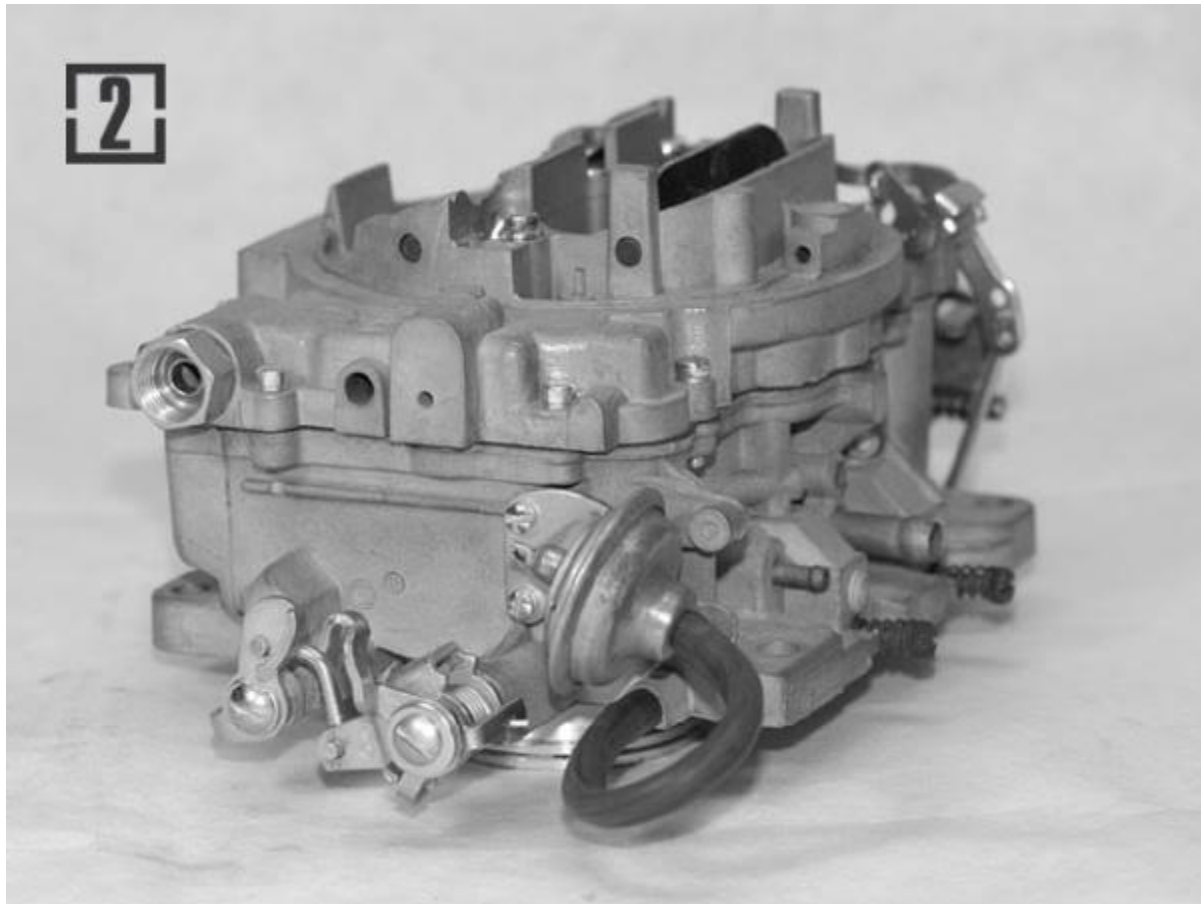
This Carter carb information is from Peter Bruun, the “carbgy”, in Sweden.

<http://www.carbguy.com/index.php>

1. As a successor to the well proven AFB, the AVS was introduced in 1966 by Chevrolet - 1968 for Chryslers. There were marine applications also.



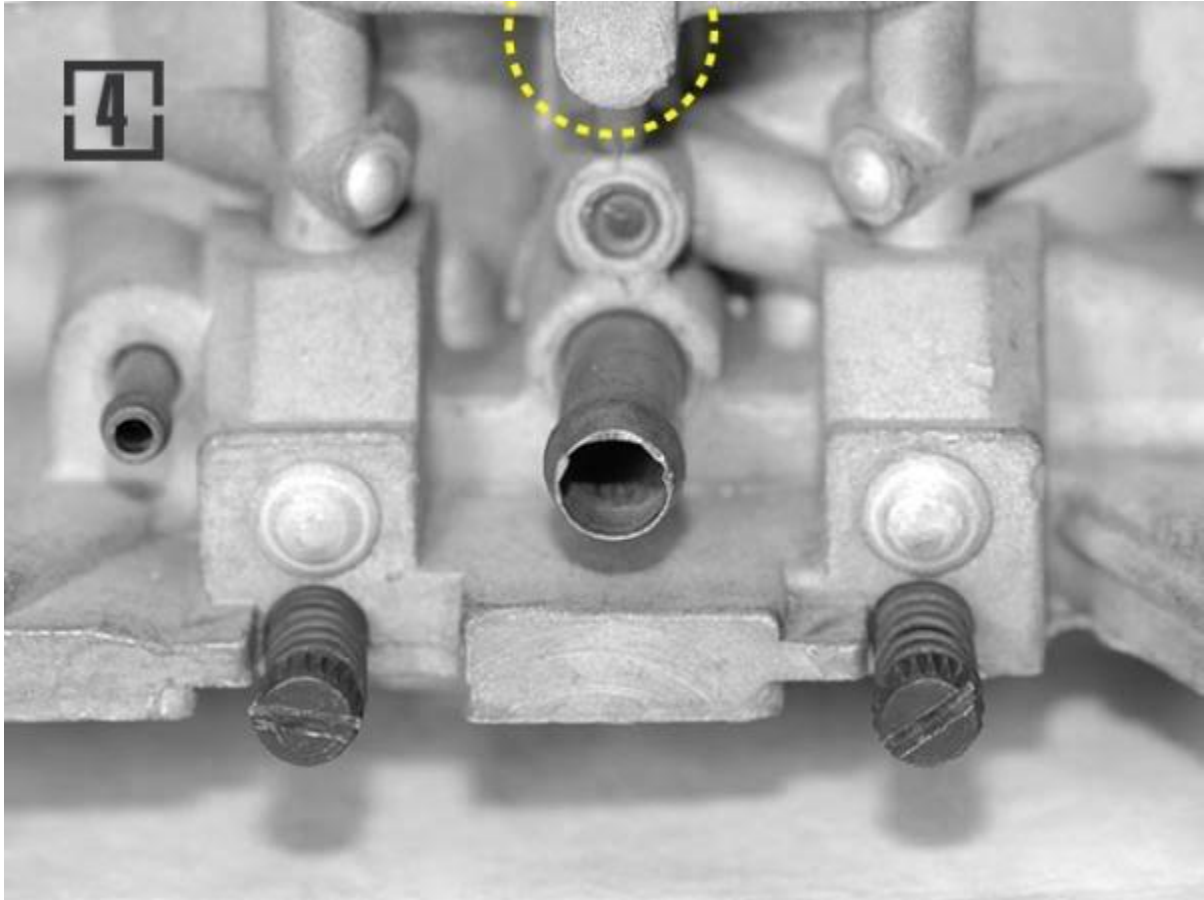
2 The AVS is similar to the AFB in many respects. All Chryslers had the fuel inlet on the passenger side. Chevrolet used a rear mounted fuel inlet.



3 The application and date code was stamped in the same location as the AFB. An ID tag was also used for identification.



4 The late 1969 and up AVS's had a system with dual idle mixture screws...



5 ...as opposed to the earlier versions, that uses one mixture screw. Works like this. To enrich mixture, turn clockwise. To lean out mixture, turn ccw. Take caution, it has LH threads! A modern name would be "reverse idle system".



6 Here is the explanation why it is named AVS, air valve spring. The valve is governed by the spring, that is adjustable. This feature was carried over to the Thermoquad.

