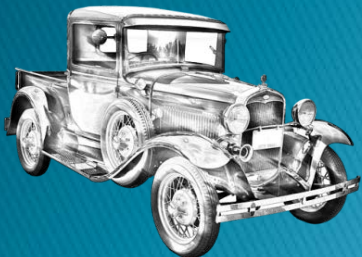


Seminar & Judging School

How to Identify “Zenith Model A Carburetors”

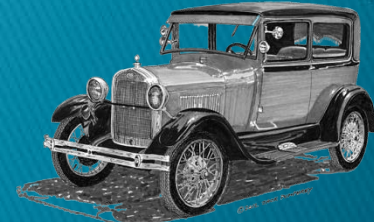
Presented by: **Steve Schmauch**
JSC chairman



Annual MAFCA membership meeting

Reno, Nevada

December 7, 2016





**Fig. 1: The 1927 Z1 carburetor.
Front and backside view.**





**Fig. 2: The 1927 Z2 carburetor.
Front & backside view.**





Fig. 3: The 1928 Z3, Z4, & Z5 carburetors.
Front views.





**Fig. 4: The Early 1928 Z3 carburetor.
Front view detail.**





**Fig. 5: The Mid 1928 Z4 carburetor.
Front view detail.**





**Fig. 6: The Late 1928 Z5 carburetor.
Front view detail.**





Fig. 7: The 1929 Z6, Z7, & Z8 carburetors.
Front views.





**Fig. 8: The 1929 Z6, Z7, & Z8 carburetors.
Oblique view of the “area below the GAV boss.”**





**Fig. 9: The Early 1929 Z6 carburetor.
Front view detail.**





**Fig. 10: The Mid 1929 Z7 carburetor.
Front view detail.**





**Fig. 11: The Late 1929 Z8 carburetor.
Front view detail.**





Fig. 12: The Mid 1929 Z7 & Late 1929 Z8 carburetor SVH difference.





Fig. 13: The Mid 1929 Z7 & Late 1929 Z8 carburetor "Idle Air Passage" differences.





Fig. 14: The 1930 Z9 & Z10 carburetor top castings. Front & backside views.





Fig. 15: The 1930 Z9 & Z10 carburetor bottom castings.
Front views.





Fig. 16: The 1930 Z9 & Z10 carburetor bottom castings. Less important features.





Fig. 17: The Mid 1929 Z7, Late 1929 Z8, & 1930 Z9 SVH difference and comparison.





Fig. 18: The 1931 Z11 & Z12 non-side bowl carburetor top castings. Front views.





Fig. 19: The 1931 Z11 & Z12 non-side bowl carburetor top castings. Backside views.





Fig. 20: The 1931 Z11 & Z12 non-side bowl carburetor top castings. End views.





Fig. 21: The 1931 Z11 & Z12 non-side bowl carburetor bottom casting. Front & backside view.





Fig. 22: The 1931 Z13, Z14, & Z15 side bowl carburetor top castings. Front & backside views.





Fig. 23: The 1931 Z13, Z14, & Z15 side bowl carburetor bottom casting. Front & backside view.





Fig. 24: The post-production “Franken-carb No. 1 & No. 2” carburetors. Front views.





Fig. 25: The post-production “Franken-carb No. 1 & No. 2” carburetors. Backside views.



Thank
You!

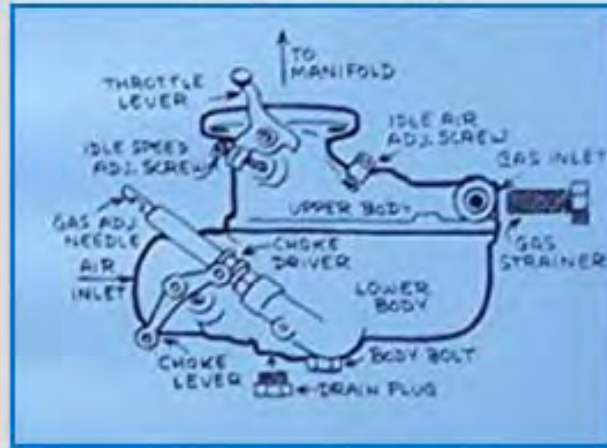
Questions?



Steven W. Schmauch
JSC Chairman
Spokane, WA



Test Time!



How to Identify Zenith Model A Carburetors Seminar & Judging School

TEST

NAME: _____ SCORE _____

WHAT FEATURES IDENTIFY A 1927 CARBURETOR FROM ALL OTHERS?

- 1) *"in combination with" ...*
- 2)

WHAT ARE THE TWO MOST IMPORTANT FEATURES THAT IDENTIFY A 1928 CARBURETOR FROM ALL OTHERS?

- 1) *"in combination with" ...*
- 2)

WHAT ARE THE TWO MOST IMPORTANT FEATURES THAT IDENTIFY A 1929 CARBURETOR FROM ALL OTHERS?

- 1) *"in combination with" ...*
- 2)

WHAT ARE THE TWO MOST IMPORTANT FEATURES THAT IDENTIFY A 1930 CARBURETOR FROM ALL OTHERS?

- 1) *"in combination with" ...*
- 2)

WHAT FEATURES IDENTIFY A 1931 NON-SIDE BOWL CARBURETOR FROM ALL OTHERS?

(clue: one is on the top casting; the other is on the bottom casting)

- 1)
- 2)

Each correct answer is worth 10 points. A passing score of 80 or above will receive credit for this Judging School and will be added to your Judging Experience Record by the MAFCA Judging Standards Committee.

RETURN to STEVE!!!



How to Identify Zenith Model A Carburetors

Seminar & Judging School

TEST ANSWERS

1927 carburetor features:

- “Prominent boss” **Bowl Rim Design**
, , in combination with, ,
- “Zenith” (only) **Bowl Marking**

1928 carburetor features:

- “stepped” **Bowl Rim Design**
, , in combination with, ,
- “Zenith” (only) **Bowl Marking**

1929 carburetor features:

- “Zenith—full or partial serif—1” **Bowl Markings**
, , in combination with, ,
- “side-rolled” feature in the “**area below the GAV boss**”

1930 carburetor features:

- “Zenith—full or partial serif—1” **Bowl Markings**
, , in combination with, ,
- “diminished” feature in the “**area below the GAV boss**”

1931 carburetor features:

- *top casting:* a **Welch brass cap**, not a solid brass plug in **Idle Air Passage**
- *bottom casting:* “Zenith—Roman Numeral—I” **Bowl Markings**

