

## How To Adjust Carbureters

### How To Adjust Carbureter on Maxwell Special and Maxwell Mercury.

1-A—See that the level of the gasoline in float chamber is about 7-8 of an inch above the bottom rim of the float chamber which holds the glass. To lower level turn nut A down or to the left, to raise level turn it up or to the right. This adjustment is set at the factory and usually requires no further attention.

2-B—Turn up the adjusting nut B until the spring controlled by same, which is the low speed spring, seats the valve lightly. See that the high speed spring is free and does not come in contact with the nut on top of the auxiliary air valve stem. Start the motor and turn nut B up or down until the motor idles properly. This is the low speed adjustment.

3-C—Advance the spark and open the throttle. If the motor back fires through the carbureter, turn nut C up until back firing ceases; if the mixture is too rich turn it down. This is the high speed adjustment. The spring controlled by nut C should always have at least 1-32 of an inch clearance between it and the nut on the top of the auxiliary air valve stem, when the motor is at rest. To start the motor when cold close the valve in hot air horn D. This puts a high vacuum on the carbureter and should start the motor on the second or third turn; if not, open the valve when it starts on the next turn. Great care should be taken to see that this valve is instantly opened after the motor starts and is kept open.