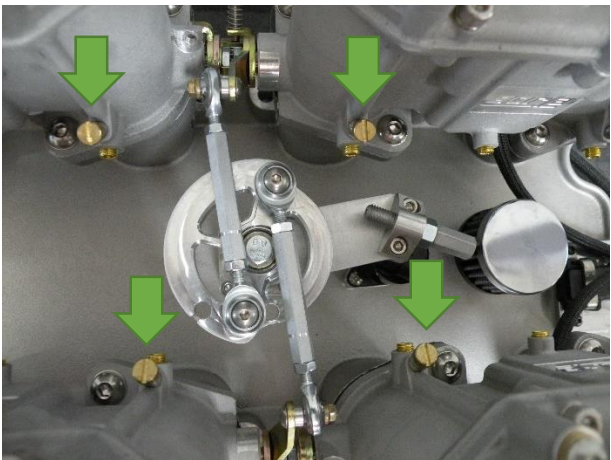


# Balancing procedure for Weber V8 throttles.

Essential to the proper operation of your Borla throttles kit is that all the throttles open and close at the same time. The following process should be carried out as soon as you have an ECU calibration which will run the engine at an idle speed around 1000 RPM. The Illustration shows the use of an STE Synchronometer.

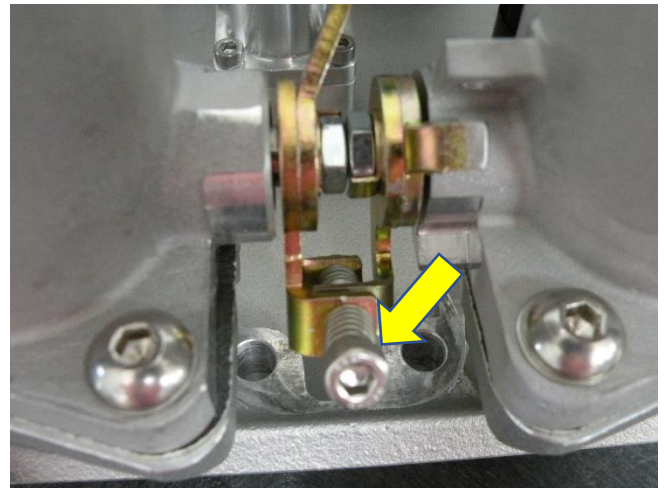
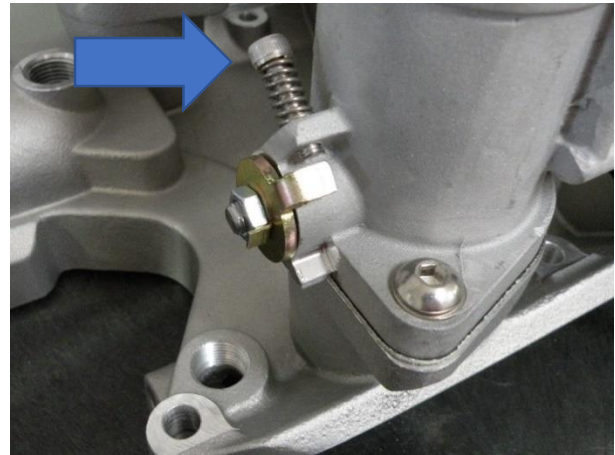


1. Close all 8 throttle air bypasses by fully inserting the idle adjust screws (green arrows).



2. Back off throttle stop screws (blue arrow).

3. Adjust each compensating screw (yellow arrow) between the front and rear units, on each bank of throttles, to synchronize air flow through *the closed throttles*, on that bank. All eight throttles should be within 1 graduation on an STE air flow meter.



3. Check bank to bank synchronization and adjust hex linkage rods to ensure both banks open together.

4. If necessary for fine adjustments, individual idle adjust screws (green arrows) can be opened to allow more air through a single bore.

5. Bring the throttle stop screws into contact with the idle tang on the lever and then apply an extra 1/8th to 1/4th of a turn. *Note the throttles are meant to be virtually closed at idle, especially if an Idle Air Control Valve is installed.*