

H.E. Supplies Pty Ltd
Hobby Supplies
Engineering Supplies

ABN 54 125 001 541



**Ansmann
Tuning**

3239 Old Cleveland Road Capalaba West Queensland 4157
Phone: 07 3245 7977 Fax 07 3245 1017

Ansmann 21/28 Engine Carby Set-Up

Step 1

- The high speed mixture screw should be adjusted first.
- Turn the screw shown in Figure A clockwise until it is all the way in.
- From this position turn the screw 4 turns anti clockwise. This is a good base for running the engine in. This screw may vary as the engine runs in (between 3 ½ to 4 turns out)



FIGURE A

Step 2

- Throttle stop screw should now be adjusted.
- Turn the screw as shown in Figure B so that there is approximately 1mm gap in the carburettor with the throttle servo in full brake position.

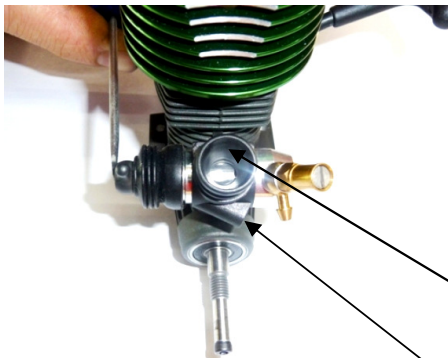


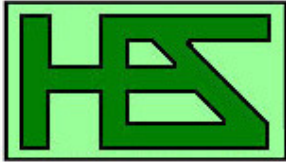
FIGURE B

1mm Gap

Throttle Stop Screw



INFORMATION SHEET
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Step 3

- The low speed mixture screw can now be set.
- With the throttle servo in full brake position turn the screw as shown in figure C so that the top of screw is flush from the housing rim.
- From this position turn the screw anti clockwise approx ½ a turn.
- Finally test the fuel flow by blowing air through the tube going to the carburetor fuel input nipple.
- You should get a slow bleed of air coming through at a steady pace.
- If not open or close the low speed screw with small increments to achieve the slow bleed.



FIGURE C

- Check that fuel passes freely through the tank line.
- Finally check that the fuel tank holds pressure.
- To do this pinch the fuel line coming from the carburettor to the tank and blow with your mouth through the line coming from the exhaust.
- You should not be able to blow into the tank at all. If you can it means air is escaping from the tank.
- Should this occur, repair or replace the tank immediately prior to use otherwise it will cause irregular air/fuel mixes. This would make the engine impossible to tune and can also cause severe damage.



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