

WEBER 28/32 ADHA 2-BARREL

Fiat
Brava
Spider 2000

DESCRIPTION

Carburetor is a two stage, two barrel downdraft type unit. Primary stage is mechanically operated by accelerator linkage. Secondary stage is operated by mechanical linkage and a vacuum diaphragm. Primary stage includes idle and transition, main metering system and acceleration system. Secondary stage includes power enrichment, secondary main metering and transfer circuits. A single fuel bowl supplies fuel for both stages. A coolant heated choke bi-metal spring operates the choke plate through linkage and is completely automatic. An idle stop solenoid shuts off fuel supply when ignition switch is in "OFF" position.

CARBURETOR IDENTIFICATION

Carburetor number is located on lower edge of main body base on the side facing the engine. It can be quickly found by looking just above the gasket between main body and throttle plate housing.

Application	Carburetor
Brava	
Federal Only	
Man. Trans	28/32 ADHA 5/180
	28/32 ADHA 5/280
Auto. Trans	28/32 ADHA 6/180
	28/32 ADHA 6/280
Spider 2000	
Federal Only	
Man. Trans.	28/32 ADHA 7/180
	28/32 ADHA 8/180

ADJUSTMENTS

HOT (SLOW) IDLE RPM

See appropriate Tune-Up article in TUNE-UP section.

IDLE MIXTURE

See appropriate Tune-Up article in TUNE-UP section.

COLD (FAST) IDLE RPM

See appropriate Tune-Up article in TUNE-UP section.

FLOAT LEVEL

Remove air horn from carburetor. Hold vertical and ensure gasket is in place. Weight of float should gently depress needle valve. Measure distance between top of float and gasket surface. Distance should be .236-.275" (6-7 mm). If adjustment is needed, bend float arm where it joins float.

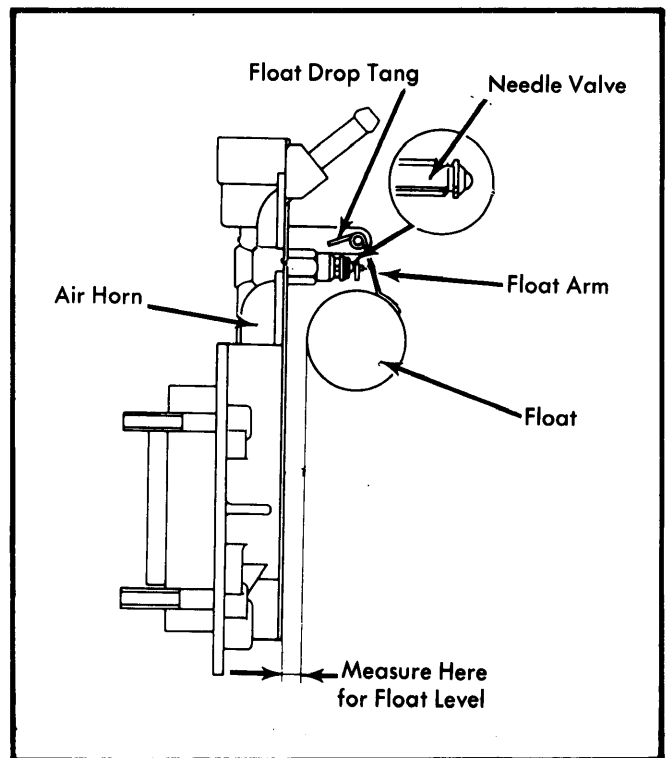


Fig. 1 Float Level Adjustment
(Fiat Brava & Spider 2000)