

WEBER 28/30 DHTA 2-BARREL

Fiat
Strada
X1/9

DESCRIPTION

Carburetor is two barrel downdraft design. This unit uses a diaphragm type accelerator pump, a crankcase ventilation device, carbon monoxide idling control device, excess fuel recycling device (from carburetor to fuel tank), anti-dieseling solenoid and a dashpot. A choke unloader is used to prevent excessively rich mixtures when cold starting. This system operates both by vacuum and mechanical lever and spring action. Also featured is a coolant-heated automatic choke system.

CARBURETOR IDENTIFICATION

Carburetor numbers are located on the lower edge of main body. Refer to chart in right hand column for carburetor numbers and application.

Carburetor Identification Numbers

Application	Carburetor No.
Strada	
Federal Only	
Man. Trans.	28/30 DHTA 5/180
	28/30 DHTA 5/280
Auto. Trans.	28/30 DHTA 6/180
	28/30 DHTA 6/280
X1/9	
Federal Only	
With Air Conditioning	28/30 DHTA 7/180
Without Air Conditioning	28/30 DHTA 7/280

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.

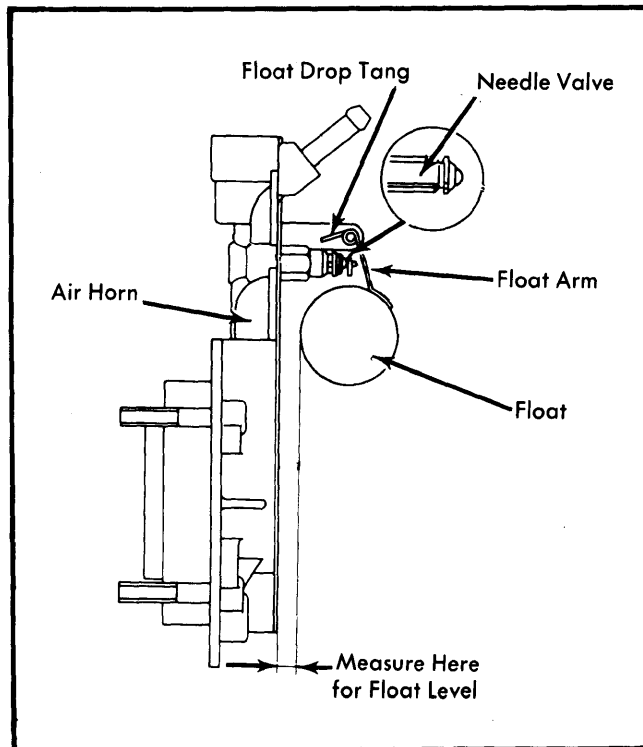


Fig. 1 Float Level Adjustment (Strada & X1/9)

COLD (FAST) IDLE RPM

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

FLOAT LEVEL

Remove air horn. With gasket in place on underside of air horn, hold vertically so weight of float closes needle valve gently. Measure distance from surface of gasket to float. This measurement should be .265-.285 (6.75-7.25 mm). If adjustment is needed, bend tang beneath float arm and recheck measurement.