

WEBER 32 DIR 2-BARREL

Renault R-12 (1973)
Renault R-15 (1973)

DESCRIPTION

Weber 32 DIR carburetor is a 2-barrel downdraft type. Accelerator pump is diaphragm type and secondary system is actuated mechanically. Choke is manually operated and carburetor base is heated by water from cooling system. An electrically operated solenoid valve shuts fuel off to idle circuit when ignition is off.

CARBURETOR IDENTIFICATION

Carburetor number is stamped in mounting flange on bottom of carburetor.

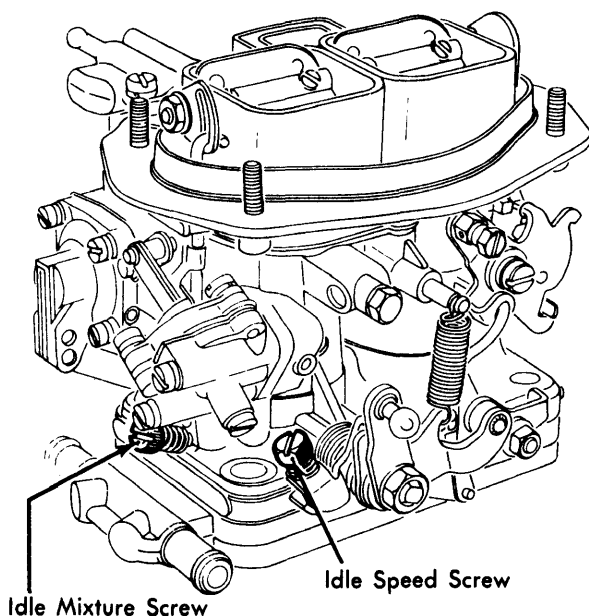
Weber Carburetor Identification

Application	Man. Trans.	Auto. Trans.
All Models	4300 & 4301	4400 & 4401

ADJUSTMENT

IDLE SPEED & MIXTURE ADJUSTMENT

1) Start and warm engine to normal operating temperature. Clamp hose shut between air release valve and air cut-off valve. Connect a suitable exhaust gas analyzer to engine and adjust CO level to $4 \pm .5\%$.



3RE03

IDLE SPEED & MIXTURE ADJUSTMENT SCREWS

2) With manual transmission vehicles in neutral and automatic transmission vehicles in "D", adjust idle speed to 750 ± 25 RPM (manual transmission) and 600 ± 25 RPM (automatic transmission).

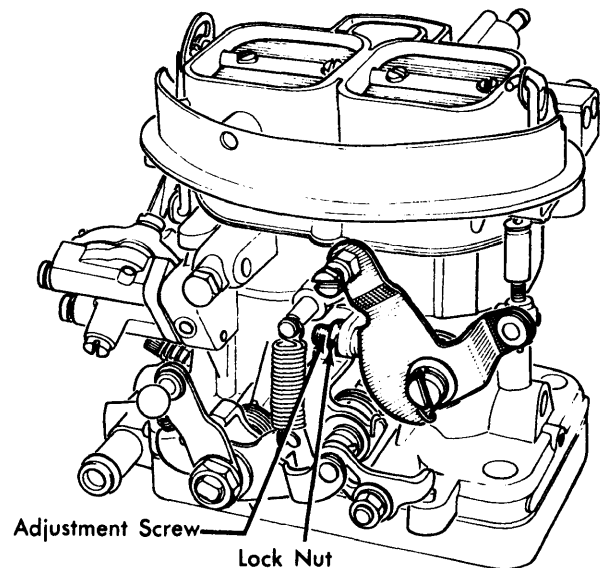
3) Remove clamp from hose and recheck idle speed. Idle speed should be 850 ± 25 RPM (manual transmission) and 650 ± 25 RPM (automatic transmission). If idle speed is incorrect, clamp hose again and recheck CO level. Remove clamp and recheck idle speed.

FAST IDLE ADJUSTMENT

Close choke valve completely and measure partial opening of primary throttle valve. If opening is not to specifications, loosen lock nut and turn adjustment screw until specified opening is obtained. Tighten lock nut.

Primary Throttle Valve Opening

Application	Opening
Man. Trans.047-.051"
Auto. Trans.051-.055"



3RE01

PRIMARY THROTTLE VALVE ADJUSTMENT SCREW

CHOKE UNLOADER ADJUSTMENT

1) Close choke valve completely and then bring tube (see illustration) in contact with cam by opening choke valve. Measure choke valve opening. Correct opening should be $\frac{1}{4}$ ". If opening is not to specification, adjust by bending connecting rod.

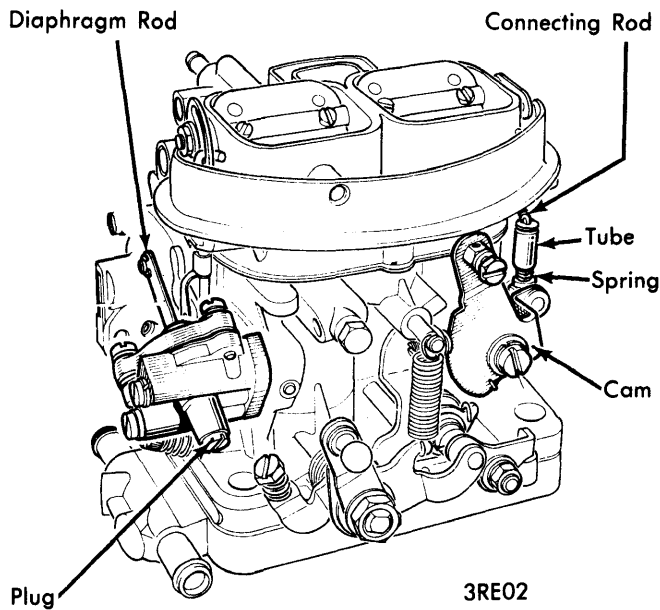
Weber Carburetors

WEBER 32 DIR 2-BARREL (Cont.)

2) Push vacuum diaphragm rod into stop and close valve with cam until spring in tube is slightly compressed. Now measure choke valve opening. If opening is not to specifications, remove plug from end of diaphragm and adjust screw inside.

Choke Unloader Adjustment

Application	Specification
Man. Trans.	$\frac{23}{64}$ "
Auto. Trans.	$\frac{25}{64}$ "

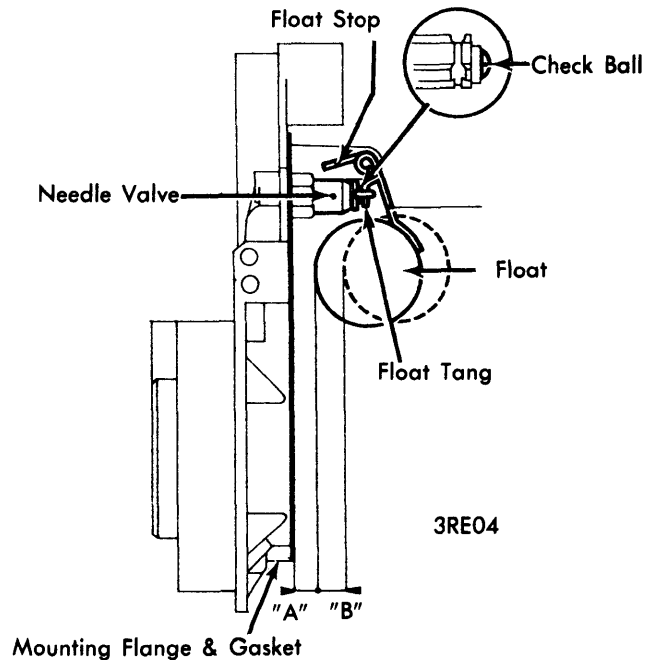


CHOKE UNLOADER ADJUSTMENT

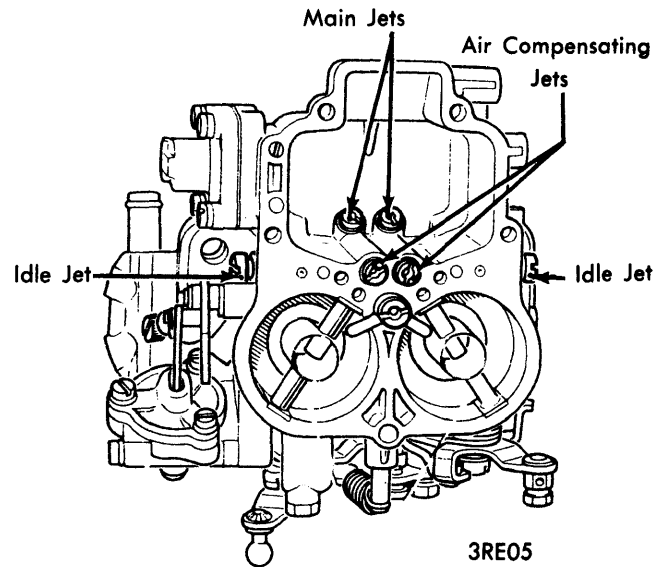
FLOAT LEVEL ADJUSTMENT

1) Remove upper carburetor body from main carburetor body. Hold upper portion so that float closes needle valve, but without causing check ball to enter valve. Measure dimension "A" (see illustration), distance between float and mounting flange with gasket. Correct distance should be $\frac{3}{32}$ ". If distance is not as specified, bend float tang until specified distance is obtained.

2) Pull out on float and measure distance "B" (see illustration). Total float drop should be $\frac{3}{16}$ ". If distance is not as specified, bend float stop until specified float drop is obtained.



FLOAT LEVEL ADJUSTMENT



CARBURETOR JET LOCATION