

HOLLEY MODEL 2209 2-BARREL

JEEP

Application	Holley No.
1965 327" V8.....	R-3234A,R-3262A
1966-69 327" V8	
With Emission Control	R-3601A
Without Emission Control	R-3234A,R-3262A

CARBURETOR IDENTIFICATION

Holley part number is stamped on large flat area of carburetor bowl.

DESCRIPTION

Two barrel downdraft type carburetor utilizing an automatic choke.

ADJUSTMENT

HOT (SLOW) IDLE RPM

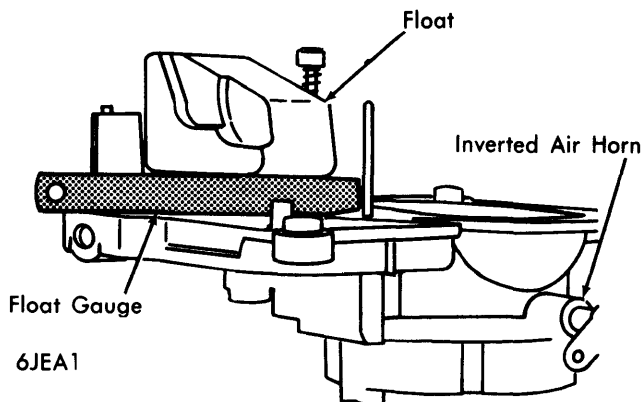
See appropriate article in TUNE-UP Section.

COLD (FAST) IDLE RPM

See appropriate article in TUNE-UP Section.

ACCELERATOR & DOWNSHIFT LINKAGE ADJUSTMENT

See appropriate article in TUNE-UP Section.



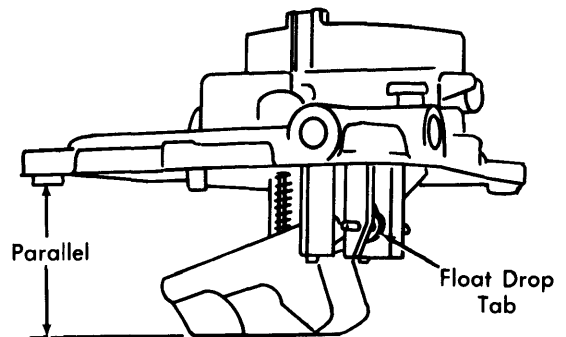
FLOAT LEVEL ADJUSTMENT

FLOAT LEVEL

Invert air horn assembly, with gasket in place, and measure distance between float and air horn gasket (see illustration). Adjust to specification by bending float tab which contacts head of fuel inlet needle.

FLOAT DROP

Adjust float drop with air horn in upright position and float hanging free. Bottom surface of float should be parallel with air horn. Adjust position by bending float drop tab.



FLOAT DROP ADJUSTMENT

UNLOADER

With throttle held in wide open position, there should be $\frac{3}{16}$ " clearance between top edge of choke plate and the side opposite vent tube on air horn. Adjust the clearance by bending tab on fast idle cam.

AUTOMATIC CHOKE

Set automatic choke to specification by rotating choke thermostat shaft to specified setting.

ACCELERATION PUMP

Acceleration pump operating link is set in the inner hole of acceleration pump lever for all normal driving conditions. If a leaner pump discharge is required, set link in outer hole.

DASHPOT

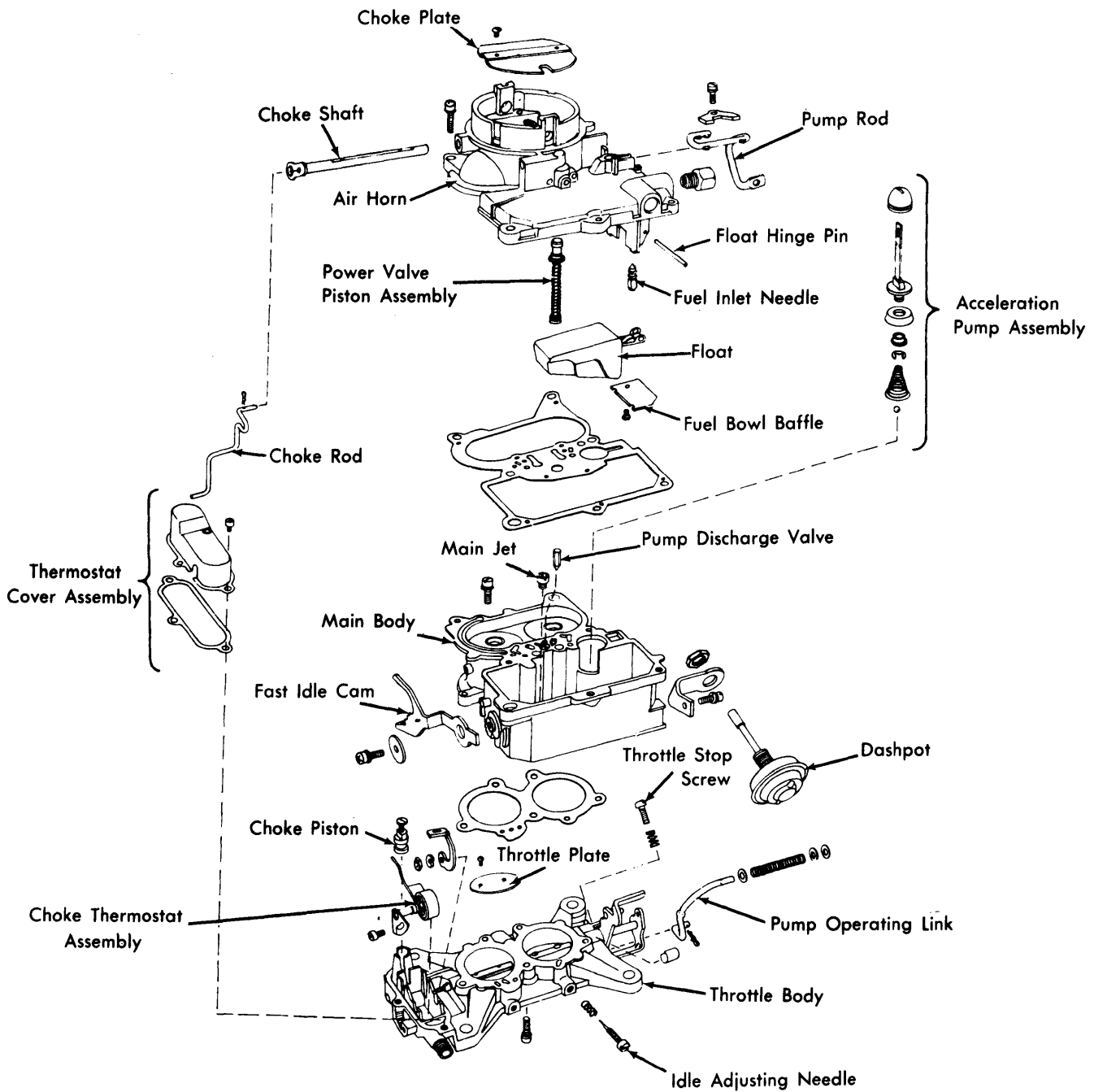
With throttle lever set at curb idle and dashpot fully depressed, there should be $\frac{5}{32}$ " clearance between stem and tab on throttle lever. Loosen lock nut and position dashpot to obtain clearance.

CARBURETOR ADJUSTMENT SPECIFICATIONS							
Holley Carb. No.	Idle Speed (Engine RPM)		Fast Idle Cam Position	Fuel Level Setting	Auto Choke Setting	Bowl Vent	Vacuum Break Setting
	Curb	Fast					
R-3234A	550 ①	1800	High Step	$\frac{9}{16}$ "	Index	$\frac{5}{64}$ "
R-3262A	550 ①	1800	High Step	$\frac{9}{16}$ "	Index	$\frac{5}{64}$ "
R-3601A	550 ①	1800	High Step	$\frac{9}{16}$ "	Index	$\frac{5}{64}$ "

① — Automatic Transmission in Neutral, 500 RPM.

Holley Carburetors

HOLLEY MODEL 2209 2-BARREL (Cont.)



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HOLLEY MODEL 2209 CARBURETOR

HOLLEY MODEL 2209 2-BARREL (Cont.)

OVERHAUL

DISASSEMBLY

- 1) Remove air horn-to-main body screws and separate air horn assembly from main body. Remove fuel bowl baffle, float hinge pin, float, and fuel inlet needle. Remove and disassemble acceleration pump. *NOTE — Carefully note the proper position of pump rod on pump assembly for reassembly.*
- 2) Clean up excessive staking around power valve piston and using suitable tool (J-10235), remove piston assembly. Inspect choke shaft and plate for damage or excessive wear and remove only if damaged and replacement is necessary. *NOTE — Do not attempt to remove main well air bleed tubes; protect tubes from damage while overhauling carburetor.*
- 3) Invert main body and allow pump discharge check needle and intake check ball to drop out. Using suitable tool (C-3748) remove main jets from body. Remove thermostat cover and choke piston link and allow choke piston to drop out.

- 4) Remove throttle body-to-main body screws and separate throttle body from main body. Remove the two idle adjusting needles and springs and throttle stop screw and spring from throttle body.

CLEANING & INSPECTION

Clean all carburetor casting and metal parts in a suitable carburetor cleaning solution. Do not immerse acceleration pump or any rubber or synthetic components in solution. These components should be cleaned in clean gasoline. Check all parts and casting passages for carbon deposits and blow out all passages with compressed air. Inspect all components for wear or damage.

REASSEMBLY

To assemble carburetor, use all new gaskets and reverse disassembly procedure.