



Into The Wilderness Trading

the nice guys !

Adjusting the Linkert Carburetor

First, bike must be supported upright, NOT leaned over on the kickstand, as this may throw off float level and adjustment.

Initial adjustment.

1—Turn the high speed needle in until lightly seated, back out 2 full turns.

2—Turn low speed needle in until lightly seated, back out 5 full turns.

Carb is now set for rich mixture.

3—Advance spark nearly all the way.

4—Start engine and idle it until normal operating temperature.

Turning needles clockwise leans carb mixture, counterclockwise richens mixture

5—Turn low speed needle clockwise one notch at a time until engine misses, then back out 5-10 **notches** until engine runs smoothly with throttle closed and ignition advanced.

6—Adjust engine idle to 900-1100 rpm by turning throttle stop screw on throttle lever. Turning screw clockwise increases idle speed.

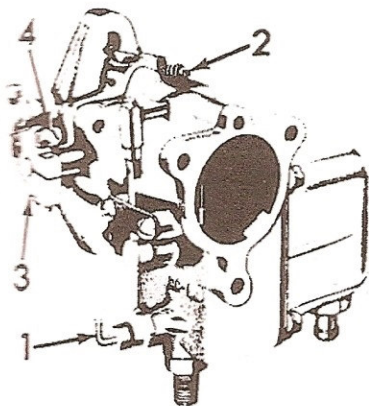
CAUTION—too slow an idle will increase oil consumption and bearing wear.

7—Repeat step 5 & 6 as necessary. Overall engine operation will be best with a slightly rich idle mixture.

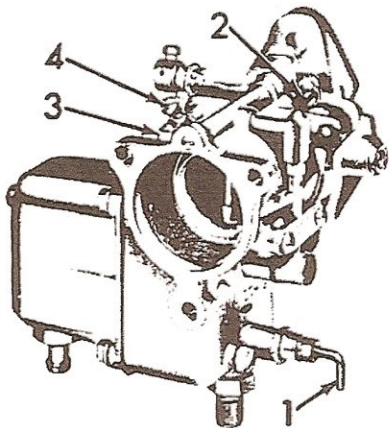
8—Retard spark fully. If your adjustment is right, engine will run slow but even.

9—Run it !! Adjust the high speed needle as needed for best performance. You can really fine tune here.

Adjusting the Linkert DC Model Carburetor



SPORTSTER AND
ELECTRA-GLIDE

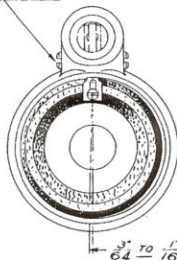
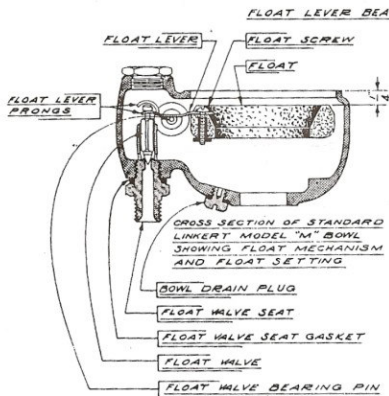


SERVI-CAR

- 1. High-speed needle
- 2. Low-speed needle

- 3. Throttle lever
- 4. Throttle stop screw

- 1) Make sure the throttle cable opens & closes the throttle fully
- 2) Lightly turn in both high & low speed needles until bottomed out - GENTLY
- 3) Low speed needle (2) should be turned out (counterclockwise) 1 1/2 turns. This is full rich.
- 4) Start motor and let warm up until choke is open. Turn low speed needle (2) in (clockwise) until mixture leans out and causes skipping, and near stopping. Back needle out (counterclockwise) 1/8 turn or until motor idle smooths out with spark advanced and throttle closed.
Always better running, and easier starting with engine slightly rich rather than too lean.
- 5) Adjust throttle stop screw (4) to desired idle with throttle closed. Clockwise = faster, counterclockwise = slower. Do NOT set at lowest idle or motor will be hard starting.
- 6) Set high speed needle after low speed is set. Run at varying speeds with spark fully advanced. Generally the high speed needle (1) will be set between 3/4 and 1 1/4 turns open.



TOP VIEW OF STANDARD LINKERT MODEL "M" BOWL SHOWING FLOAT MECHANISM AND OFFSET OF FLOAT