

**TOMORROW'S CARBURETOR FOR TODAY'S ENGINES**

**LECTRON™**

**POWERJET**

For more information:  
[www.lectronfuelsystems.com](http://www.lectronfuelsystems.com)

## THE NEW LECTRON POWERJET HAS ALL THESE EXCLUSIVE FEATURES...

### LUSTROUS NICKEL GUILLOTINE SLIDE...

"Slices" the Air Flow for a Positive Shut Down. Extremely hard surface has virtually no wear.



### FUEL-VU™ TRANSPARENT FLOAT BOWL...

Allows easy view of fuel to check level or contaminants.

### DUAL-FLOAT SYSTEM...

Ensures a precise level under all conditions.



### POSITIVE FUEL SHUT-OFF...

The Viton Seal, another Lectron first eliminates wasteful fuel leaks.



### NEW FUEL FILTER...

Specially developed foam prevents dirt and foaming at fuel pick-up tube.



### INTERCHANGEABLE IDLE STOP...

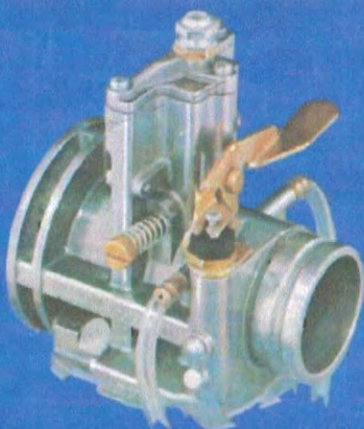
Easily converts from left to right hand operation.

### STARTING SYSTEM...

New no leak "V" shaped Viton Piston shuts off both fuel and air, for higher precision performance.

### HIGHLY PRECISIONED METERING ROD...

Produces an accurate fuel "nozzle signal" according to the air-flow velocity.



- GREATER FUEL ECONOMY
- FAST STARTING IN ANY WEATHER
- SELF-CLEANING MAIN FUEL CIRCUIT
- NO LOADING UP...  
Runs on its side, never loads up even when dropped or stalled.
- SMOOTHER ACCELERATION...  
Better engine response under rapid acceleration demands.

## HOW TO TUNE YOUR LECTRON POWERJET

### IDLE & LOW RANGE TUNING:

Turn Metering Rod in or out. One turn in for richer idle. One turn out for leaner idle.

Low RPM range tuning is the same as idle. Half turn adjustment is possible by removing Slide Insert Screw. Rotate Slide Insert 180° then bring flat surface of Metering Rod back or forth 180° and reinsert Locking Screw.

### MID-RANGE TUNING:

Change Metering Rod number. The second number of the two numbers determines richer or leaner mid-range tuning. #4 Metering Rod leanest, #4-3 richest. (See chart)

**EXAMPLE:** Using #5-2 Metering Rod, engine is too rich at part throttle.

**SOLUTION:** Replace #5-2 with #5-1 to lean out part throttle.

### TOP END TUNING (HIGH RPM):

Change first number of Metering Rod and Pilot Jet size. Low number leaner. High number richer.

**EXAMPLE:** Using #6-2 Metering Rod, the #45 Pilot Jet engine is too rich at full throttle.

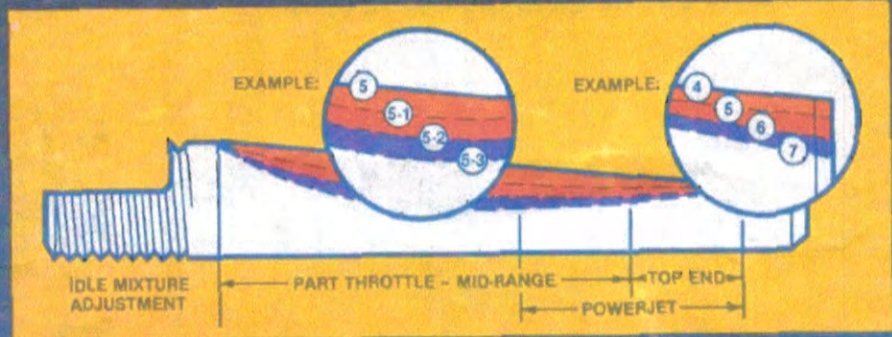
**SOLUTION:** Replace #6-2 with #5-2 Metering Rod and #35 Pilot Jet to lean out throttle.

Correct Metering Rods for engine application are available from your dealer.

### METERING ROD SELECTION CHART

| TOTAL THROTTLE RESPONSE<br>TO<br>RICH | MID-RANGE SELECTION |      |      |      |      |
|---------------------------------------|---------------------|------|------|------|------|
|                                       | LEAN                |      | TO   |      | RICH |
| 1-0                                   | 1-1                 | 1-2  | 1-3  | 1-4  |      |
| 2-0                                   | 2-1                 | 2-2  | 2-3  | 2-4  |      |
| 3-0                                   | 3-1                 | 3-2  | 3-3  | 3-4  |      |
| 4-0                                   | 4-1                 | 4-2  | 4-3  | 4-4  |      |
| 5-0                                   | 5-1                 | 5-2  | 5-3  | 5-4  |      |
| 6-0                                   | 6-1                 | 6-2  | 6-3  | 6-4  |      |
| 7-0                                   | 7-1                 | 7-2  | 7-3  | 7-4  |      |
| 8-0                                   | 8-1                 | 8-2  | 8-3  | 8-4  |      |
| 9-0                                   | 9-1                 | 9-2  | 9-3  | 9-4  |      |
| 10-0                                  | 10-1                | 10-2 | 10-3 | 10-4 |      |

TOP END      MID-RANGE

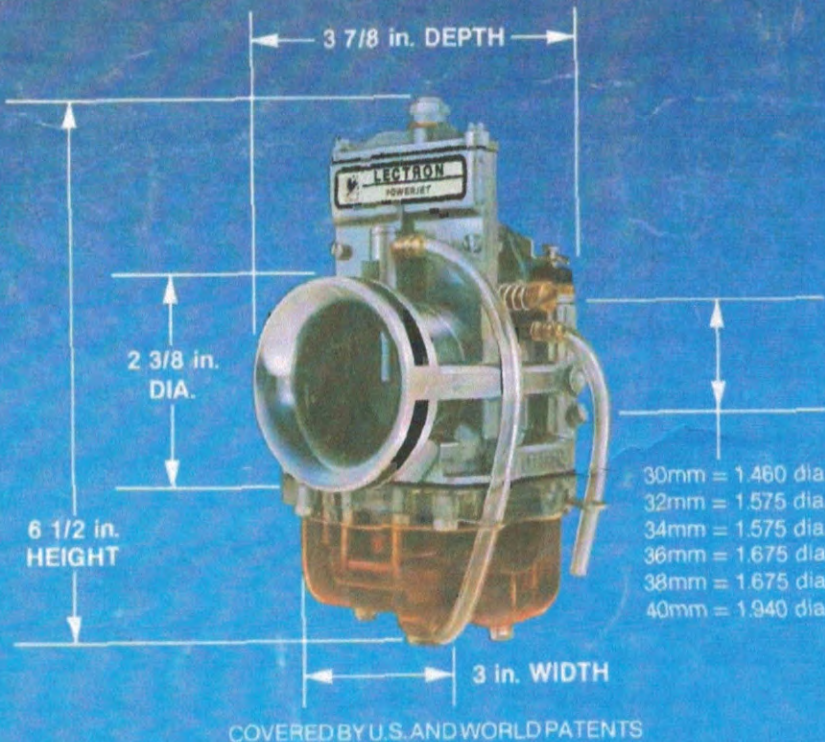


## HOW TO ORDER YOUR LECTRON POWERJET CARBURETOR

Lectron Carburetors are available in six sizes: 30mm, 32mm, 34mm, 36mm, 38mm and 40mm, through your dealer. We recommend that you purchase Metering Rods one size below and one size above the recommendations for fine tuning on critical applications. We will exchange Metering Rods provided they are in new condition and the index numbers can be read.

The Lectron Powerjet will fit most Mikuni Adaptors and many others with little or no alterations.

| CARB SIZE | PART NO. |
|-----------|----------|
| 30mm      | 5470-30  |
| 32mm      | 5470-32  |
| 34mm      | 5470-34  |
| 36mm      | 5470-36  |
| 38mm      | 5470-38  |
| 40mm      | 5470-40  |



- 30mm = 1.460 dia.
- 32mm = 1.575 dia.
- 34mm = 1.575 dia.
- 36mm = 1.675 dia.
- 38mm = 1.675 dia.
- 40mm = 1.940 dia.

CONTACT YOUR DEALER FOR LECTRON CARBURETORS

# LECTRON™

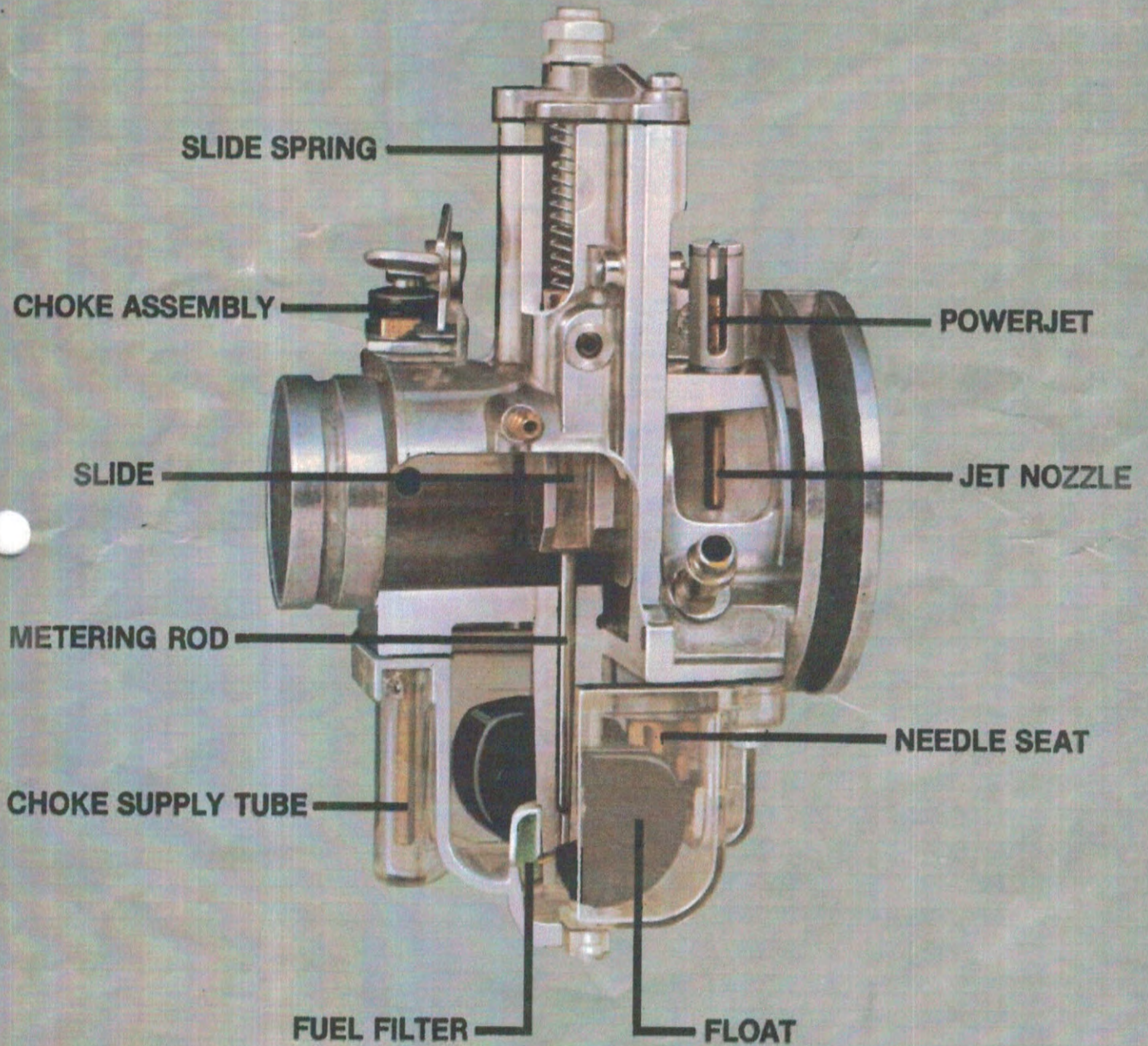
Free application charts and brochures are available on request.  
Call our California carburetor Service Center, Phone (805) 255-6474.

FUEL SYSTEMS, INC., 1800 Stephenson Highway, Troy, Michigan 48084

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# IMPORTANT FEATURES OF THE LECTRON POWERJET



DEVELOPED PARTICULARLY FOR FUEL REQUIREMENTS FOR TWO STROKE ENGINES