

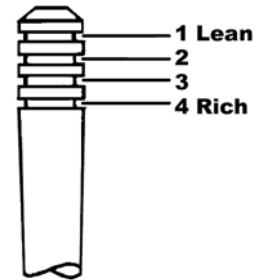
# CARBURETOR PARTS



## CARBURETOR JETTING CHART FOR ROTAX® UL ENGINES

Use this chart to identify part number you need, then use bottom chart to select correct part number to order.

ROTAX® ENGINE	\$13.50 MAIN JET	\$36.50 IDLER JET	\$18.50 NEEDLE JET	\$19.50 JET NEEDLE	CLIP POSITION	AIR SCREW
2771	148	45	2.72	8L2	2	1
2772	140	45	2.72	8L2	2	1
3771	165	45	2.70	8O2	2	.5
3772	155	45	2.70	8O2	2	.5
4471	165	45	2.70	15K2	2	.5
4472	155	45	2.70	15K2	2	.5
447DC1	135	50	2.70	6G1	3	1
447DC3	128	50	2.68	15K2	2	1
503SC1 Up to #3785371	180	45	2.74	8G2	3	.5
503SC2 Up to #3785371	158	45	2.74	6H2	3	.5
503SC1 From #3785372 Up	185	45	2.72	15K2	3	.5
503SC2 From #3785372 Up	165	45	2.70	15K2	3	.5
503DC1	158	45	2.74	8L2	1	.5
503DC3	148	45	2.68	11K2	2	1
532SC1	195	55	2.74	15K2	3	1
532SC3	170	55	2.74	15K2	3	1
532DC1	165	55	2.72	11G2	3	1
532DC3	145	55	2.68	15K2	3	1
5821	165	55	2.72	11G2	3	1
5823	145	55	2.68	15K2	3	1



1 = Without Rotax® intake silencer kit, with K&N RC1200 air filter, with or without Rotax® after muffler kit.

2 = With Rotax® intake silencer kit, with K&N CM0300 air filter, with or without Rotax® after muffler kit.

3 = With Rotax® dual intake silencer kit, with K&N RC1200 air filters, with or without Rotax® after muffler kit.

EP

### MAIN JET

125 = Part No. R268-978  
128 = Part No. R261-085  
130 = Part No. R268-979  
135 = Part No. R268-980  
138 = Part No. R268-998  
140 = Part No. R268-981  
145 = Part No. R268-982  
148 = Part No. R268-995  
150 = Part No. R268-983  
155 = Part No. R268-984  
158 = Part No. R268-996  
160 = Part No. R268-985  
162 = Part No. R268-990  
165 = Part No. R268-986  
170 = Part No. R268-987  
175 = Part No. R268-988  
180 = Part No. R268-989  
185 = Part No. R261-080  
190 = Part No. R261-084  
195 = Part No. R268-992  
200 = Part No. R261-082  
205 = Part No. R261-087  
220 = Part No. R261-081

### JET NEEDLE

2H2 = Part No. R963-717  
4E2 = Part No. R963-716  
6G1 = Part No. R261-642  
6H2 = Part No. R963-719  
6P2 = Part No. 15-05029  
8G2 = Part No. R963-712  
8H1 = Part No. R261-643  
8L2 = Part No. R963-714  
8O2 = Part No. R963-711  
1O = Part No. R961-045  
11G2 = Part No. R961-043  
11K2 = Part No. R961-044  
15K2 = Part No. R963-718

### IDLER JET

30 = Part No. R963-141  
35 = Part No. R963-143  
40 = Part No. R963-142  
45 = Part No. R963-144  
50 = Part No. R963-140  
55 = Part No. R963-147  
60 = Part No. R963-145  
65 = Part No. R963-146

### NEEDLE JET

2.62 = Part No. R261-606  
2.68 = Part No. R963-691  
2.70 = Part No. R963-698  
2.72 = Part No. R963-697  
2.74 = Part No. R963-699  
2.76 = Part No. R963-693  
2.78 = Part No. R963-696  
2.80 = Part No. R963-695  
2.82 = Part No. R963-694  
2.94 = Part No. R961-022

### NEEDLE CLIP

P/N 07-00693 ..... \$8.50

Lower numbers indicate smaller jet size or opening.  
Low numbers = lean.  
High numbers = rich.  
First needle number denotes mixture above half-throttle.  
Needle letter denotes mixture below half-throttle.

### BING DUAL CARB GASKET KIT ROTAX

Quantity: 2 Carbs. "O" Rings: Biggest - Jet Stock, Next Down - Throttle Shaft, Green - Choke Disk, 4 small - Idle Jet & Idle Air Screw, and Smallest - Jet Needle.  
For 912.....P/N 15-09421 .....\$63.75  
For 914.....P/N 15-09422 .....\$72.85

### KWIK TUNE FOR ROTAX ENGINES

The handy Kwik Tune, a timesaving tool launched at Sun 'n Fun. Kwik Tune helps remove and reinstall the aircraft throttle cable, cover, spring, and slide in a Bing carburetor.  
P/N 08-05206 .....\$9.95

### CARB CLEANING BRUSH

3/16" Tube, .005 Nylon, 2" BP, 6" OAL. Can be used in the cleaning of internal bores and cylindrical cavities. Good for light duty jobs applying either wet or dry ingredients or cleansers. Sturdy twisted wire handles feature loop for easy grip.....P/N 15-08286 .....\$3.90

### MIKUNI FUEL PUMP

Genuine Mikuni fuel pumps. Replace original parts on Rotax®, Hirth, & many other engines.  
Single Pump.....P/N 07-00777 .....\$36.50  
Dual Pump.....P/N 07-00778 .....\$28.90

### MIKUNI REBUILT KIT FOR SINGLE/DUAL FUEL PUMPS

Single Pump .....P/N 07-01011 .....\$16.90  
Dual Pump.....P/N 07-01010 .....\$21.70

### MIKUNI FLOAT CHAMBER PLUG

Mikuni Float Chamber Plug.  
P/N 15-05548 .....\$4.85

### ROTAX THROTTLE SPRINGS 6822

A common complaint about the Rotax 912/914 engines is that the throttle return springs are too strong. McFarlane stocks a variety of springs so you can choose the one that best fits your application. All McFarlane throttle controls for Rotax engines include P/N 6822 spring. Less than half the strength of the original stock Rotax springs. Prevents throttle "creep" due to excessive return spring force. Requires 1 per carburetor (2 per engine) **Note:** Installer is responsible for determining whether this spring is an appropriate substitution for their application. For use on non-certified aircraft.  
P/N 05-12477 .....\$20.85 ea.

### NYLON STARTER ROPE

The perfect replacement rope for worn-out manual starters ..... P/N 13-03922 ..\$.045 per ft.

### UNIVERSAL FUEL PRESSURE REGULATOR

If the fuel pump is putting out more than 8 psi, this regulator can be used to keep the fuel pressure within safe limits and avoid the possibility of flooding.  
• Pressure Range (psi): 4.5-9 • Regulator Style: Non-return • Regulator Location: In-line • Boost/Vacuum Reference Port: No **Gauge Port:** No • Mounting Bracket Included: Yes • Fittings Included: No • Rebuildable: Yes • Inlet Quantity: One • Inlet Attachment: Female threads • Inlet Size: 3/8 in. NPT • Outlet Quantity: Two • Outlet Attachment: Female threads • Outlet Size: 3/8 in. NPT • Regulator Material: Aluminum • Regulator Finish: Chrome plated. • Universal: Yes • Fuel Type: Gasoline • Regulator Usage: Carburetor.....P/N 15-08385 .....\$73.75