

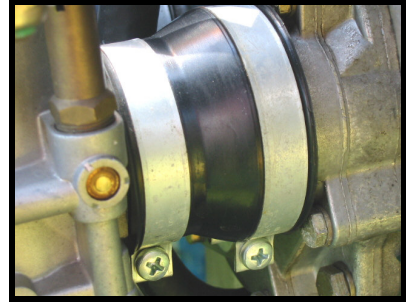
Take advantage of Carburetor Socket Boots made of superior material !



Rotax 912 Flange Socket



Rotax 377, 447, & 503



Rotax 582 Socket Boot

If you would like a longer lasting socket for your Rotax or HKS engine, **JBM Industries** has what you need. You won't see much difference in the way they look, but the material we use is very different. These rubber parts are made in Kent, Ohio, USA. This material will stop the rapid age cracking found in imported sockets. It can operate from -20 F to +300 F without harm. This material can be stored on the shelf without harm for 20 years or more.

- * This material is the same 80 durometer as original Rotax parts.
- * You CANNOT get **JBM** parts from "Rotax Only" parts suppliers.



Note the cracks in this original boot after only one year of use.

Dual carburetor intake silencer boot is shown.

Check your sockets and boots for cracks by bending them as shown here. These cracks can allow air to change your mixture. The cracks are little tears in the rubber and weaken it.

Weak rubber can allow the carburetors to whip around like a paint shaker. In extreme cases, carburetors have torn the rubber off, allowing the carburetor to hang from the throttle cable.

JBM has changed the shape of the 582 sockets to buttress against shaking.

No special greases or limiting clamps are needed to make a **JBM** socket last.

You don't tolerate rapid age cracking of rubber parts on your car, so why should you expect less from your aircraft engine ?



JBM Intake Silencer Boot is made from the same rubber as our carburetor sockets, so is stiffer than the original 60 durometer rubber.

JBM rubber has a much higher specific gravity as we use no fillers in the compound.

JBM Intake Silencer rubbers fit only DUAL CARB silencers, and are made on a very limited production run.

A testimonial from an enthusiast in Sweden: "They are perfect fit to the carburetors and, specially, to the intake silencer. Your part fits the intake silencer much better than the originals because yours are stonger and not so likly to fall off, but still easy to mount. The originals are too soft to give a firm grip."

JBM Dual Intake Silencer Boot: \$39 ea.
(replaces Rotax Part # 825-662)



Frequent Questions:

Q: What material are your parts made of? Is it rubber or plastic?

A: These parts are made of a special rubber of the TSR type, but if we told you the exact compound we would be quickly out of business, as others would soon be making them out of the same thing. It is an expensive and heavy material with no fillers. **JBM** proprietary material.

Q: How long will these parts last?

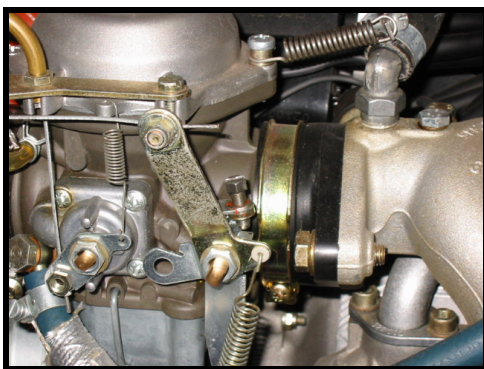
A: On automobiles it would easily last 7 to 10 years. Most aircraft do not see many hours and are hangered, so could last a very long time. We really do not know how long this type of rubber will last in your application, but it is way better than other parts being sold. The down side is we don't need to sell replacements, so we will soon be out of customers.



These 912 sockets also fit HKS engines. These are the same 80 durometer as the Rotax sockets, so are a bit stiffer than the 70 durometer used on the HKS engine. This stiffness helps prevent carburetor whipping and shaking. Some engines use an O-ring as well, to help in sealing the flange. Paper gaskets can be used as well, without harm.

Clamps can be tightened snugly and limiters should not be used. Carburetors that move in the socket with vibration can wear and chew up the bore and locking rib.

Clamps can be made tight as long as they don't cut the rubber. **\$58 each**





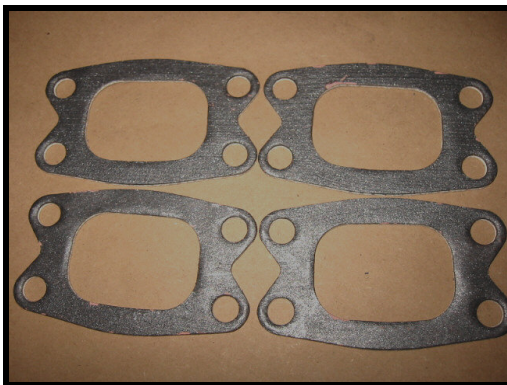
JBM Hour Glass Vibration Isolators are custom made to replace the Rotax original mounts at less than half the Rotax price. The Rotax part number that these are to replace is: 260-657 or 260-651 (**JBM parts include stainless Nyloc Nuts.**)

Rotax uses 6 of these mounts to hold the radiator on the current rotax 582 engine. The Oil Injection Tank, if so equipped uses 2 more of these mounts.

JBM Hourglass Mounts work in Oil, Gasoline, Water, Sunlight or Ozone and will save you a lot of money over the \$22.59 each that Rotax wants for one. These mounts have a **6 mm** steel stud and plate molded into the hourglass shaped rubber on each end. We think you will agree that these are a fine replacement for cracked, soft, or age hardened originals. Made in USA by **JBM**

Hourglass Mounts can be used to mount other items such as instrument panels, radios, GPS, electrical items, or other items where you would like to isolate vibration. This rubber has a frequency response like natural rubber.

\$8 each



Exhaust Gaskets for Rotax 582 engine.

This set of 4 gaskets allow you to remove and repaint or inspect manifold and ports twice. Graphite coated to prevent sticking and wire reinforced material like original. Rotax original price is \$10.33 each **JBM price: \$16 set of 4**



582 Socket & Grommet
\$28 each



377, 447, 503 Socket & Grommet
\$28 each

Pictures above show the design of **JBM** sockets. Angle on 582 socket helps prevent shake. Straight socket used on 377, 447, & 503 engine is marked "CARB" on the end that goes on the carburetor.

Sockets come with new clamp screws and a throttle cable grommet that is made of the same material as our sockets. When you see how **JBM** grommets last, you know **JBM** sockets will, too. Extra grommets are only **\$2 each**



JBM Stainless Steel Exhaust springs eliminate the problem of rusty springs causing hydrogen embrittlement and broken springs.

Length between hooks is 2.4 inches and they expand to 4 inches.

The ideal running distance is 2 5/8 inch to 3 inch. **JBM** Stainless Springs have greater working range because of more coils. Note the gentle bends. Proper installation does not permit the spring to touch anything between the loops. Loops should be bent to get proper working distance and clearance. These are the finest springs you can get. **\$5.75 each**

How to order:

By Mail:
JBM Industries
 3761 Morley Dr.
 Kent, OH 44240
 USA

By Phone:
 330-678-9537
 Message Machine

Pay Pal:
 Order the parts you want by email to:
 jbmindustries@att.net
 (We will send you a Pay Pal Invoice.)

Domestic Shipping is by Priority Mail \$5.80
International Shipping First class \$5.80



More Testimonials about our special material

“ I received the carb sockets with screws and cable grommets yesterday. I didn't really expect to receive them so quickly but thanks for the first rate response!

I installed them tonight. I am extremely impressed with the quality of these parts. One pilot friend that lives upstate from me said that after a year and a half his still look as new as the day he installed them.

The cable grommets and screws are a plus and, as I'm sure you are aware, you are currently beating the Rotax price! You have a better product, include grommets and screws and sell them for less!

Thank you for a fine product,”

Dale Williams

AFI - USUA

VP - Carolina sport flyers

“ I have changed to these JBM carb sockets on my HKS due to cracking that I thought was due to vibration (similar to the 912 originals). It probably had more to do with the air cleaner extensions creating a fulcrum on the carb boots and cracking them at 20-30 hours or so. I haven't had a problem since I changed them about 30 hours ago. You can tell an immediate difference when you grab a hold of the carbs and see a noticeable reduction in play. I will be changing the air filter extensions this week so hope my problem is eliminated completely and back to normal maintenance replacement.”

Mark Poliak

Astra HKS

Brownsburg, IN.

TESTIMONIAL from the UAE:

“We are currently running your sockets on 2 different 582's and have been very happy with them. The temps run very high here in the summer and our Rotax sockets showed signs of cracking in only 30-40 hours. We have been running yours for almost 300 on both machines. Thanks”,

Ken Bricker

Jazirah Aviation Club

Ras Al Khaimah, UAE

And from this Florida Pilot:

“You might want to add another benefit I found on my 582: stopped excessive vibration of carbs at idle. These boots are a lot stiffer than the stock floppy, cracking crap from Rotax. Good deal man!”