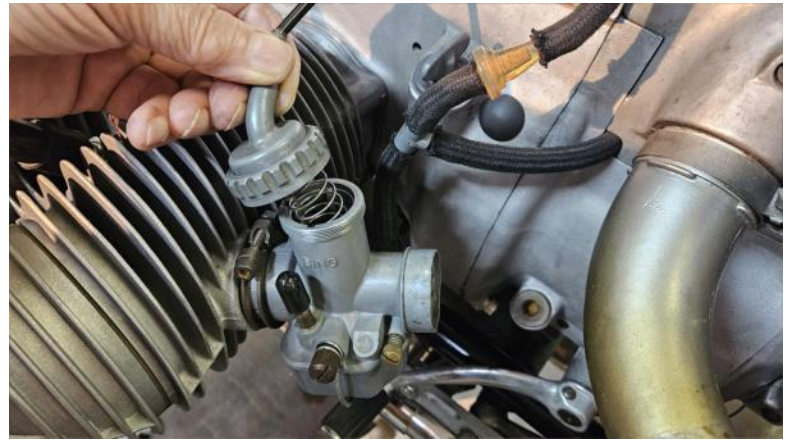
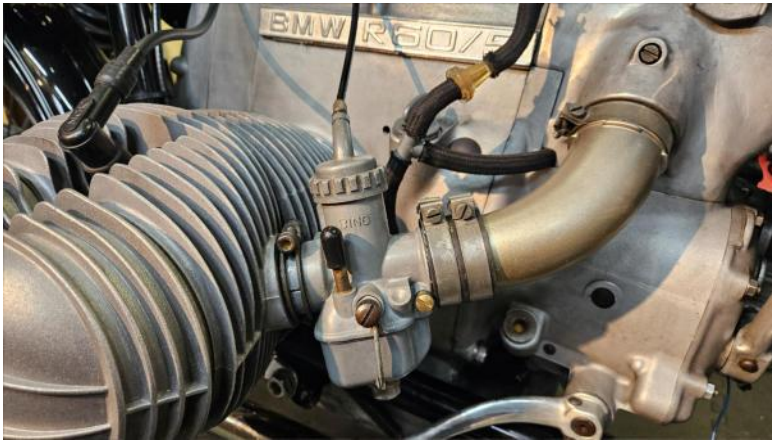
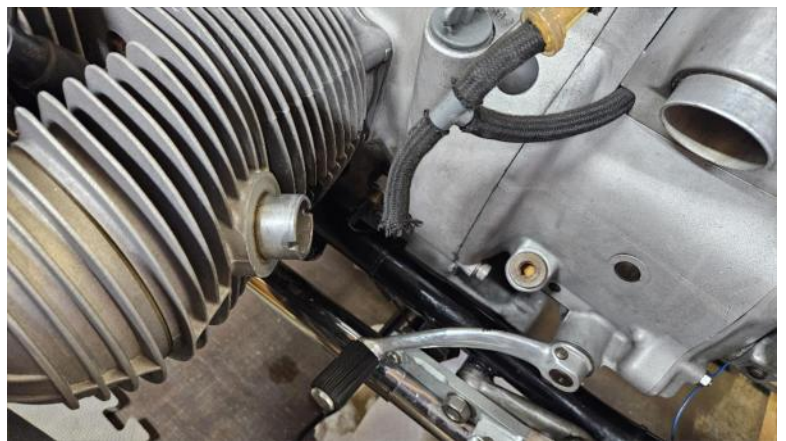




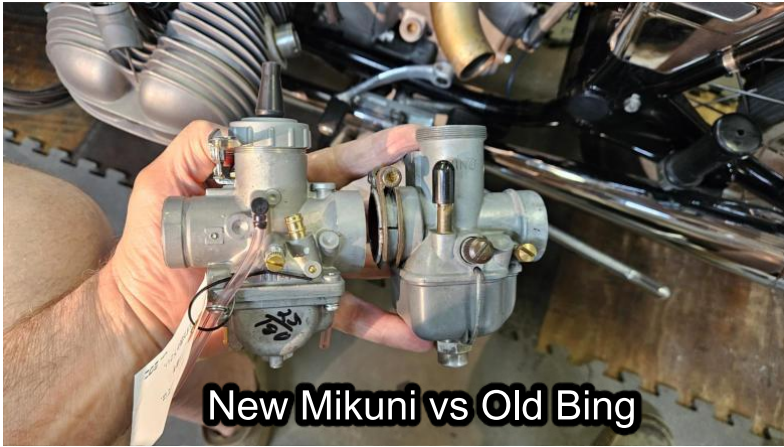
Start with a BMW R60/5 in good condition



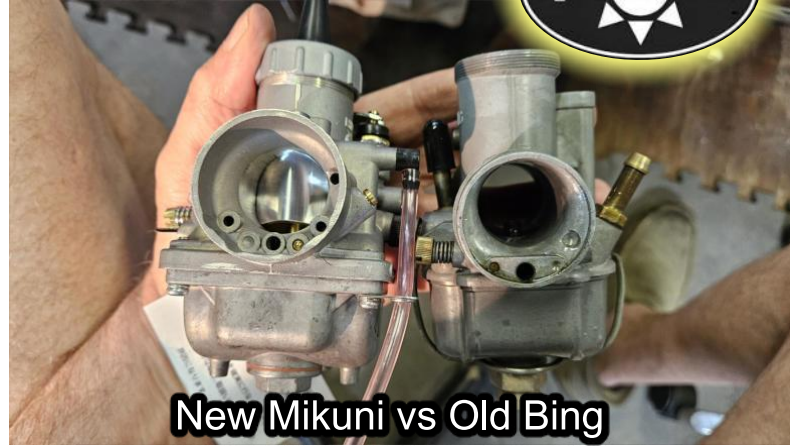
Remove the old Bing 26mm carburetors



Mikuni VM28 carburetors from Speed Moto in Oregon
speedmotoco.com



New Mikuni vs Old Bing



New Mikuni vs Old Bing



1-1/4" Heater hose from [Advance Auto](#)
Cut two pices 1-1/2" long
part # 28445



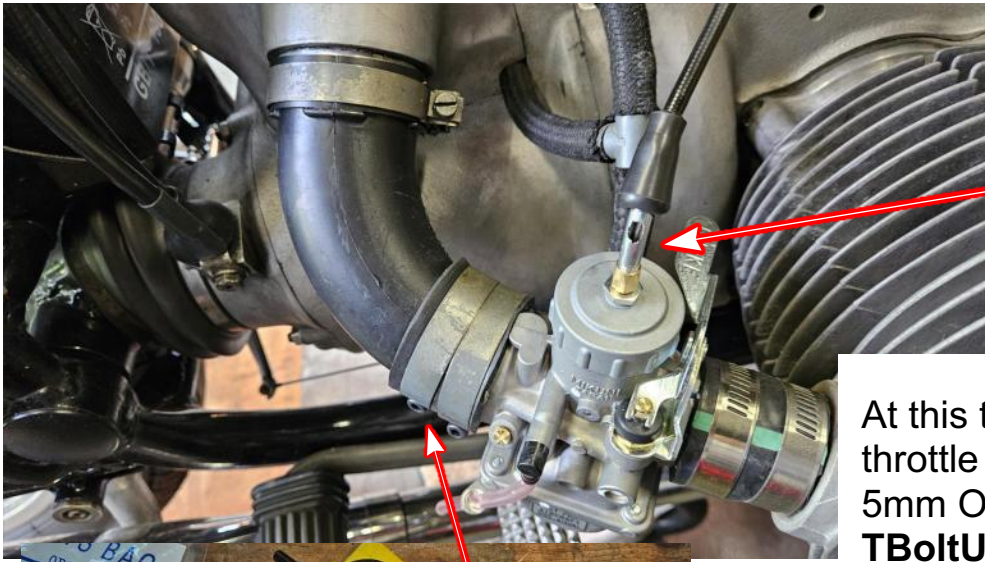
**Buy new intake tubes
and cut 1" off**

LEFT 13 72 1 251 611

RIGHT 13 72 1 251 612



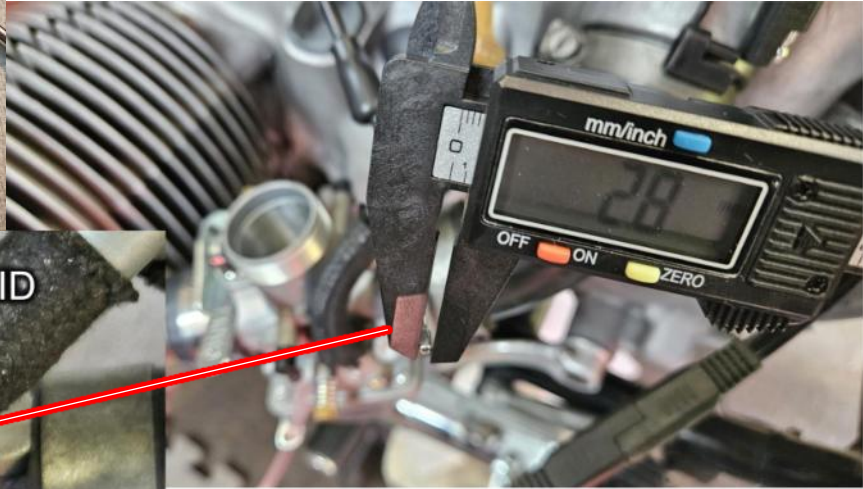
I used 27-51 mm
stainless steel clamps
which were a bit too long
and had to trim down.

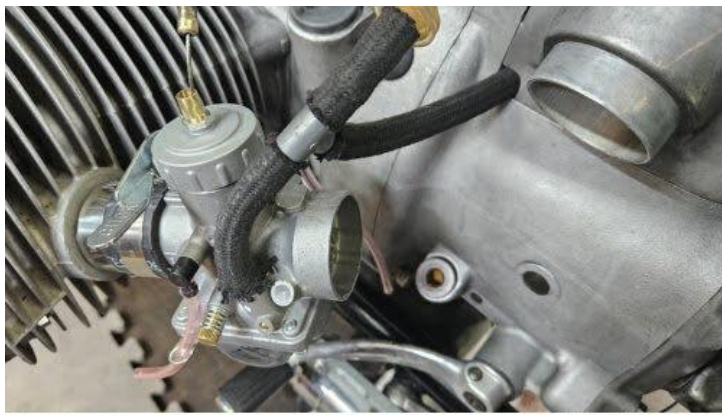


At this time, I could not find 45 degree throttle cable adjusters that measure 5mm OD and 3mm ID. I found these at **TBoltUSA** and the ID is only 2.7mm, so they have to be drilled out, which leaves a hole that will have to be covered with gas line or shrink tubing.



**Use existing clamps, but with longer screws
#5 x 0.08 thread x 40mm long**

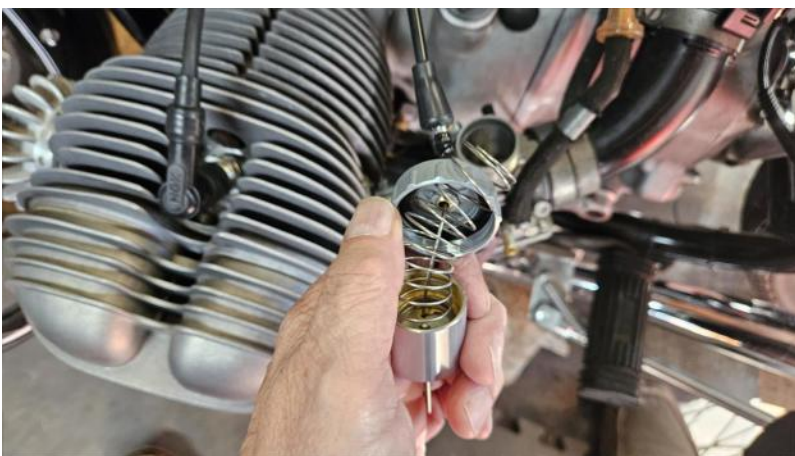


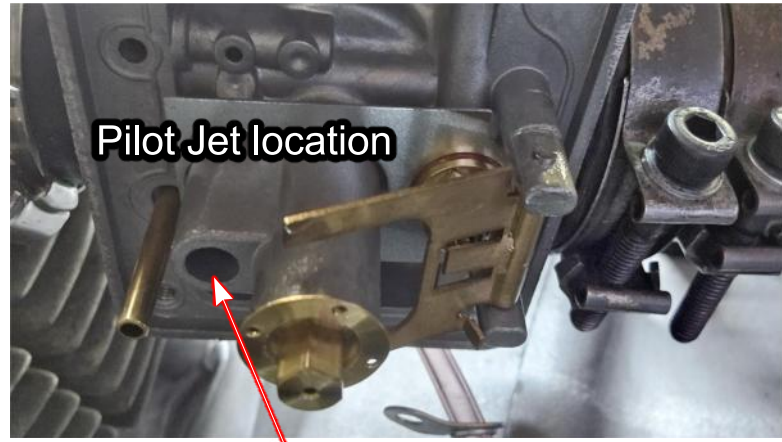


**Installing the new intake tubes
Using existing rubber hose - existing clamps
with longer screws**

The easy way to install the throttle valve spring

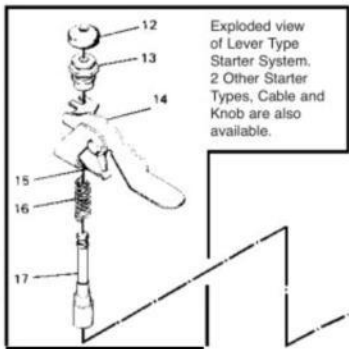
Just spin it on





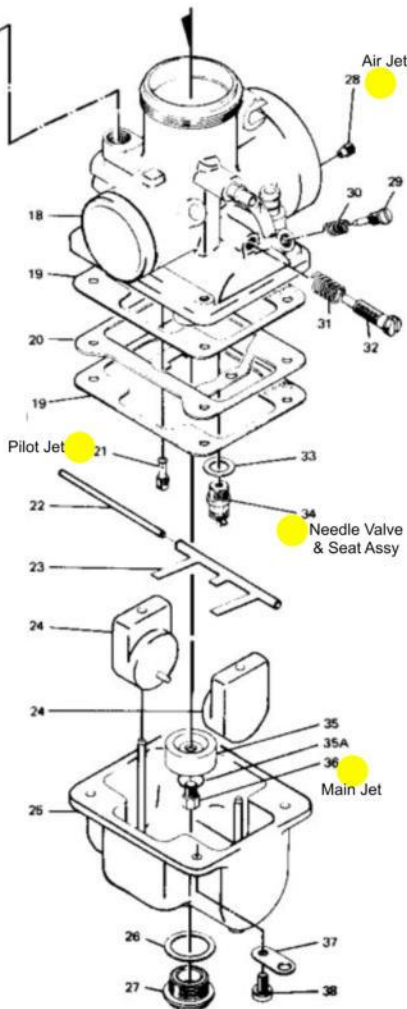
Home Depot - [Milescraft Drive90Plus](#) -
 Very handy for tuning the idle
 on left side of engine
 Mikuni only makes the VM28 left handed
No Problem!

I changed the Pilot Jet from #35 to #37.5
 for better cold morning starts
 and better overall tuning

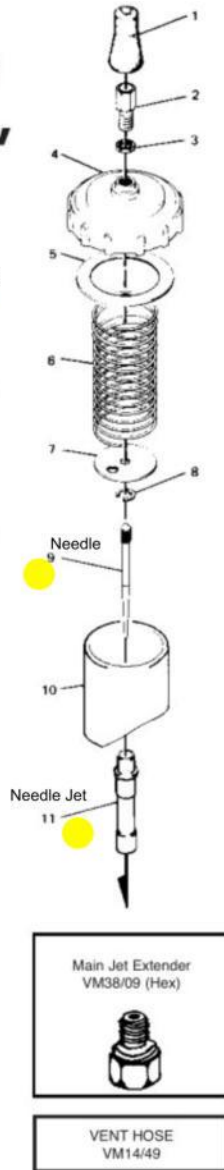


Exploded view of Lever Type Starter System. 2 Other Starter Types, Cable and Knob are also available.

Mikuni VM Spigot Mount Carburetor Exploded View



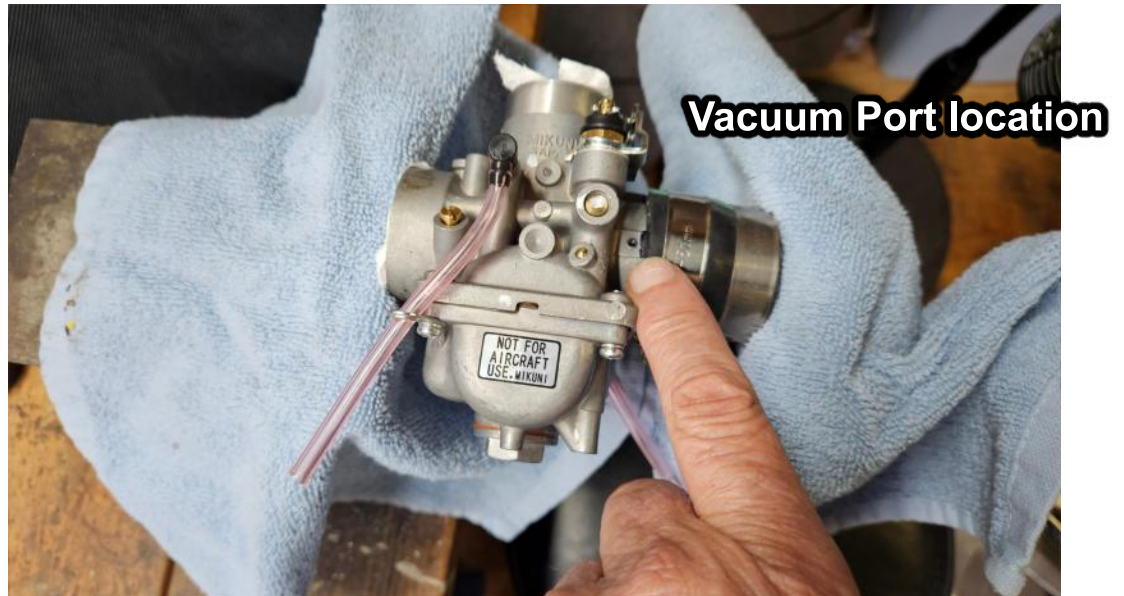
Pilot Jet

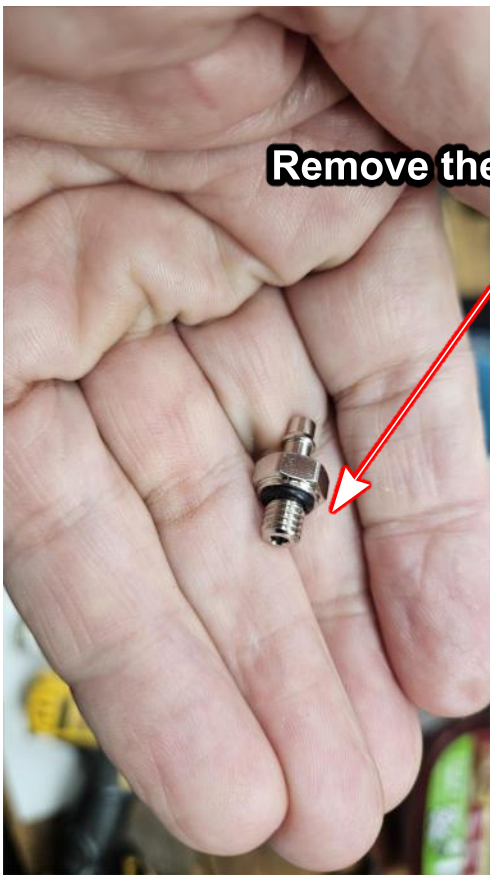


ITEM NUMBER and DESCRIPTION	VM26	VM28
1. RUBBER CAP, throttle cable		
2. CABLE ADJUSTER		
3. LOCKNUT, cable adjuster		
4. TOP, mixing chamber		VM26/56
5. GASKET, mixing chamber top		VM26/57
6. SPRING, throttle valve		VM28/257
7. PLATE, spring seat		VM28/132
8. CLIP, needle positioning		
9. NEEDLE		#5 Series
10. THROTTLE VALVE (SLIDE)		VM28/56
11. NEEDLE JET	VM28/86(182)	VM30/38(169)
12. RUBBER CAP, starter plunger		
13. FITTING, starter plunger		VM26/116
14. LEVER, starter	VM28/135	VM28/497
15. SPRING PLATE, starter level		VM26/09
16. SPRING, starter plunger		
17. PLUNGER, starter		
18. BODY, mixing chamber		
19. GASKET, float bowl		VM28/129
20. BAFFLE PLATE, float bowl		
21. PILOT JET		
22. PIN, float arm hinge		
23. ARM, float		VM28/166
24. FLOAT		VM28/164
25. BOWL, float		
26. WASHER, main jet plug		VM28/134
27. DRAIN PLUG, float bowl		VM28/133
28. AIR JET		
29. AIR ADJUSTING SCREW		
30. SPRING, air adjusting screw		
31. SPRING, idle adjusting screw		
32. IDLE ADJUSTING SCREW		VM24/224
33. WASHER, needle valve		VM26/25
34. NEEDLE VALVE & SEAT ASSY.		VM26/26
35. RING, main jet		VM28/228
36. MAIN JET		
37. PLATE, vent tube anchor		VM15/164
38. SCREW, float bowl		CW2-0416

Interested in putting vacuum ports on your new Mikuni VM28?

NOTE: This very likely voids the warranty





Remove the rubber seal

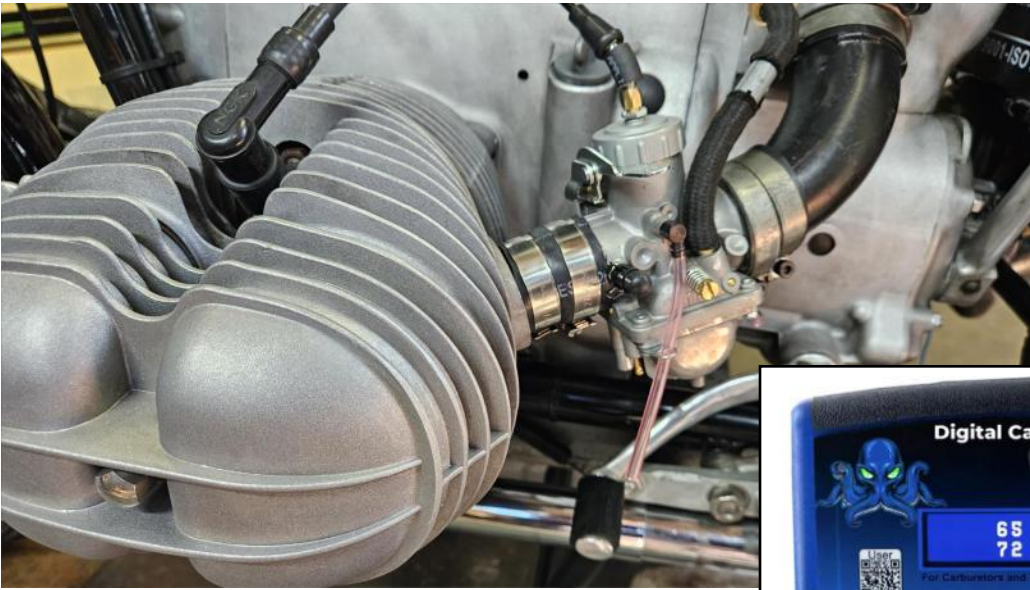


5mm drill bit usually NOT available in local hardware stores.

[Find on AMAZON](#)

PATIKIL 5mm Drill Bit, M42 8% Cobalt High-Speed Steel Jobber Straight Shank 135° Titanium Nitride (TiN) Coated for Hard Metal Stainless Steel - 1 Pack





Digi Sync 2-Channel synchronizer DS3+ from **Kevin Johnson**
The BMW Guy on YouTube (BMWpartsguy.com).

The M6 adapters and vacuum caps are included.

After adjusting my valves and perfectly balancing my carburetors the settings on my air screws and idle screws are as follows...

Air Screws 2-1/8 out

Idle Screws 3-3/4 out

I also have also installed the electronic ignition from EME

Part # EDL-BOIGNS

My R60/5 is running very smooth & strong

It feels like I've added 10HP

<https://www.euromotoelectrics.com>

Installing electronic ignition

<https://youtu.be/j4MDjTVoBzl?si=HozSSGzhVtvA8SyG>

How to perform a Valve Adjustment on a /5

MAX BMW Motorcycles Service

(first remove the spark plugs)

<https://youtu.be/mrHK0ywdyDU?si=8I7nXMsC0YWxHFMh>