



Vacuum Improvements

Technical Bulletin

09/09/20

Summary

The purpose for this Technical Bulletin is to alert customers to **three new improvements** that have been made to Sonny's Vacuum Systems, and which are also available for upgrading older models of vacuum systems.

Detail Information

1. Coupler Alignment QR Code and Safety

The turbine and the motor are independent of each other and are connected by a super-duty coupler. Couplers are pre-installed at the factory; **1-5/8"** Coupler for the Motor and **1-1/2"** for the Turbine.



The coupler locking ring will walk off if not aligned properly. This is a fail-safe feature that prevents the unit from running when misaligned, which can damage other components.

Steps for a precise alignment between the coupler and the motor are included in the User Manual for all Sonny's Vacuum Systems.

There is also a decal on the coupler guard with a QR code that can be scanned for a link to the user manual instructions and an instructional video.



The instructional video and the user manual should be reviewed prior to installation. Both can be found by scanning the QR code on the coupler guard. (You can also scan the QR code in the above example.)

Coupler alignment should be checked and verified per the video and manual prior to operation.

Vacuum Upgrade Parts

- Coupler (Motor Side) - (#10013339)
- Coupler (Turbine Side) - (#10013336)
- Coupler Locking Ring - (#10013338)
- High Temp Coupler Insert - (#10013337)
- Coupler Guard - (#20015104)

2. Rubber Spacer Strip for Muffler Mounting

A **muffler** is included with all new **30 HP** vacuum systems. The muffler helps to reduce noise, and is highlighted in the following image:



The muffler will also include a **rubber spacer strip** which is placed between the muffler and turbine when mounting the muffler.



The rubber spacer strip helps to improve the grip between the coupler and the vacuum outlet, making it a tighter fit.

- Rubber Spacer Strip – (#10013702)

3. Addition of Leveling Vibration Isolator Feet

Leveling vibration isolator feet can be added to the bottom of the base of any vacuum system.

The leveling vibration isolator feet utilize one nut on the top of the floor plate, and two underneath on the threaded stud, as shown here:



These feet allow you to adjust the level of the frame, by using a $\frac{3}{4}$ " wrench to turn and raise the top nut of the two under the frame.

In addition to allowing you to level the frame, the rubber feet also reduce vibration of the frame during operation.

- Isolator Feet – (#20018816)

For Additional Information

Please contact Sonny's Tech Support Team for installation and/or operational questions regarding this Technical Bulletin.

You can also visit our website at www.SonnysDirect.com.

DEPARTMENT	PHONE	
Toll Free Main Line	800-327-8723	
Sonny's Tech Support	954-720-4100	Extension 234

Sonnys-Support@SonnysDirect.com

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