TECH TIP

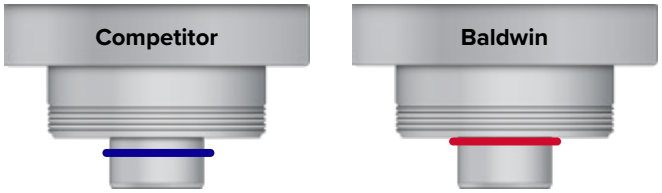
INTERNAL POST SEALS

Baldwin filters containing an internal post seal are designed for optimal efficiency by keeping the seal engaged at all times.

These filters contain both thread rings and an internal post seal that interact with the post and threads of the mounting base to seal the filter in place.

Internal Post Seal Configuration

- Ensures the filter element is engaged and sealed at all times
- Prevents element from coming off the post at high differential pressure which can cause by-pass



located closer to thread rings and designed to engage mounting base post first

(On competitor filters the thread rings engage mounting base threads first)

Installation Tips for Filters with Internal Post Seals

By positioning the internal post seal closer to the thread rings, installation of the filter is slightly different than other branded filters.

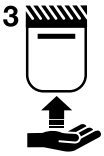
1 

Clean base.
Remove old filter and gasket. Wipe filter mounting base with clean cloth.

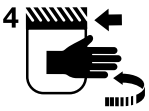
2 

Apply clean oil to gasket and internal post seal.
Apply thin film of clean motor oil to new filter gasket and internal post seal. Do not use grease.

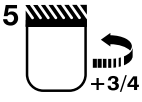
* **Pictogram will indicate both the gasket and internal post seal.**

3 

Engage internal post seal to mounting base.
Position filter to engage threads. Internal post seal will make contact first with the mounting base. **Apply upward pressure while twisting to engage thread rings.**

4 

Hand tighten to gasket contact.
Once thread rings engage, hand tighten until gasket contacts filter mounting base.

5 

Tighten additional turns.
Tighten an additional 3/4 turn after gasket contact. Make sure gasket contacts filter mounting base before tightening additional 3/4 turn.

* **Check pictogram on each filter for the correct amount of additional turns.**

6 

Check for Leaks.
Refill engine with recommended motor oil. Start engine and check for leaks. Add oil if necessary.

7 

Inspect for dents.
Important – Do not use filter if it is dented.

Please see listing on back page

⚠ **WARNING:** These products can expose you to chemicals, including Diisononyl Phthalate, Carbon black extracts, Nickel, 1,3 Butadiene, Ethylene Oxide, Epichlorohydrin, which are known to the State of California to cause cancer, and Bisphenol-A, Ethylene Glycol, Ethylene Oxide, 1,3 Butadiene, Epichlorohydrin, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to **www.P65Warnings.ca.gov.**

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Baldwin Filters with Internal Post Seals

Below is a sample listing of Baldwin filters with internal post seals

BF1274-SP,-SPS		BF7932		BF46002
BD7153		BT9367-MPG		BD40027
BD7154		BF9860		BF46129
BD7176		BF9885		BF46248
BD7250		BF9920		BF46256
BD7252		BT23543-MPG		BF46263
BD7509		B40145		BF46266-SPS
BF7766		B40146		BD50000

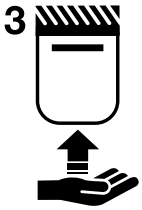
Frequently Asked Questions

How do I identify if my filter has an internal post seal?

Answer: Step 2 of the pictogram will show oil being applied to two areas of the filter instead of one. This indicates the filter has both a gasket and an internal post seal.

Clean oil should be applied to both the gasket and the internal post seal prior to installation.

Why am I having difficulty installing a filter with an internal post seal?



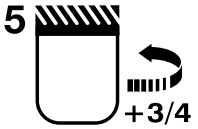
Answer: The Baldwin filter internal post seal is located closer to the thread rings and is intended to engage the mounting base post first.

Step 3 shows to apply upward pressure while twisting to engage thread rings.

This extra step ensures a tight seal and prevents the element from coming off the post at high differential pressure which can cause by-pass.

Note: This is a new step added to clarify instructions and may not appear on older filter pictograms.

Can I use a filter wrench to tighten additional turns after gasket contact?



Answer: Each filter will indicate the additional turns after gasket contact. On the example shown, Step 5 specifies to tighten an additional 3/4 turn after gasket contact. It is important to follow the pictogram instructions.

While it is not recommended to use a filter wrench, if you need to use a filter wrench to achieve the additional turn after gasket contact, make sure to place the filter wrench as close to the top of the filter near the threads. Do not place the filter wrench at the bottom or in the middle of the filter - doing so can cause damage to the filter.

To view an installation of a filter with an internal post seal, click or scan the QR Code