Baldwin Concepts BV

Shock Bleeder User Manual

V1.2
The Netherlands, 28-1-2025



1 Introduction

Dear User,

Thank you for purchasing the Baldwin Concepts Shock Bleeder.

Filling a shock absorber is a difficult task and cannot be carried out by every person. Therefore, this tool is to be used specifically by suspension mechanics who have experience in bleeding shock absorbers and work on suspension on a daily basis.

Our goal with the Shock Bleeder is to simplify the process of manually bleeding shocks by suspension mechanics. As an easy to use and compact solution, this tool can easily be brought on to the tracks.

To ensure the correct use of the tool, please read the user manual completely and operate as instructed.

All company names and product names are trademarks of their respective owners. All rights reserved.

Best regards,

Baldwin Concepts BV

2 Features

The Baldwin Concepts Bleeding Tool consists of several key features:

1. Pressure feedback
    - With the tool it is easy to feel when the shock is filled and on pressure because of the manual feedback. While handling the tool it is possible to feel the compression and vacuum phases.
2. Easy to use
    - The suspension mechanic can easily setup the tool to fill shock absorbers whenever necessary. With the knowledge about shock absorbers the tool can be used for compression and vacuum in the shock.
3. Lightweight
    - Since the tool is for manual use, it is easy to bring along on trips and to the track. This way it is always possible to bleed shocks when needed.
4. Oil volume
    - The Shock Bleeder has a total oil volume of 400ml
5. Various oil compatibility
    - The design of the tool allows the user to use different oils within the tool. It is also possible to store the oil inside the tool and keep one tool for a specific oil without having to change the oil in the tool.
6. No heavy machinery
    - The tool has everything in one, so manually bleeding shocks has been made easy. Therefore, there is no need for more expensive full bleed machines.

The Shock Bleeder tool includes a DN5 connector G1/8, 2x bonded seal G1/8, extension G1/8.

3 How to use the Shock Bleeder

To use the shock bleeder tool, carefully follow the instructions stated in this chapter.

Step 1:
Prepare the tool in a workshop environment and for example clamp it in a vice grip upright. Or use the plate to screw it on a workbench. Make sure to wear safety goggles and use safety gloves when operating with oil.

Step 2:
Prepare the shock absorber to be filled, drain open the drain screw and remove the shock filling plug.

Step 3:
Install the filling adapter (G1/8" connector) on to the shock absorber.

Step 4:
Press the handlebar of the tool down, and fill the reservoir with oil by removing the oil filling cap. Fully fill the reservoir and leave the drain screw (yellow cap) off or open.
Do Not fill the shock bleeder with explosion or flammable hazardous substances or gas.
Tool is only to be used with shock oil!

Step 5:
Connect the hose to the connector on the shock.

Step 6:
Operate the shock bleeder only manually!
For the compression phase:

- Press the button and pull the lever up
- Release the button
- Push the lever down

To release air from the shock, press the button.

Continue pumping oil into the shock.

For the vacuum phase:

- Pull lever up
- Press the button to release air
- Push the lever down while holding the button
- Release the button and pull the lever up

Let the oil rest in between cycles, and repeat the process to fully bleed the shock absorber.

For a visual representation on how to use the Shock Bleeder Tool, please scan the following QR code or visit the link below.

How to bleed shocks with Baldwin shock bleeder:
https://www.youtube.com/watch?v=J8rx_JxEjcc

4 Warranty

Coverage

Baldwin Concepts BV provides a warranty on the Shock Bleeder Tool for a period of **12 months** from the original purchase date. This warranty covers defects in materials and workmanship under normal use and maintenance.

What is Covered:

- Manufacturing defects in the tool or its components.
- Failures or malfunctions resulting from defects in materials or workmanship.

What is Not Covered:

- Normal wear and tear (e.g., seals and other consumable parts).
- Damage resulting from misuse, neglect, improper maintenance, or unauthorized modifications.
- Accidental damage, exposure to corrosive substances, or use outside intended applications.
- Damage incurred during transport if not reported within **3 working days** of receipt.
- Use of non-recommended oils, fluids, or accessories.

Warranty Claim Process

- **Contact Us**: Notify Baldwin Concepts or your authorized distributor with proof of purchase and a detailed description of the issue.
- **Inspection**: Upon receiving your claim, we may request the tool for inspection or provide instructions for troubleshooting.
- **Resolution**: If the defect is confirmed and covered under warranty:
    - We will repair or replace the defective part(s) at no cost to you.
    - If repair or replacement is not feasible, we may offer a refund of the purchase price.

How to Claim the Warranty

- Contact us at info@baldwin-concepts.com or call +31 6 31 37 81 98.
- Provide your proof of purchase, and detailed description of the issue.
- If required, ship the product to the address provided by our customer support team. Shipping costs for sending the product to us are covered by Baldwin Concepts.

Limitations of Liability

This warranty is the sole and exclusive remedy for the Shock Bleeder Tool. Baldwin Concepts BV is not liable for any incidental or consequential damages arising from the use of the product, including but not limited to loss of profit, downtime, or damage to property.

Exclusions

This warranty is void if:

- The product is used in a manner inconsistent with the provided instructions.
- Repairs or modifications are performed by unauthorized persons.
- The product is resold or used in rental or commercial applications without prior approval.

Local Laws

This warranty provides specific legal rights. Additional rights may vary by jurisdiction.

5 Contact Information

If there are any questions about the product, company or you require assistance in setting up the product, we will gladly help you. Our contact details and contact form is available on our website:
https://baldwin-concepts.com/contact/

Contact details:

Baldwin Concepts BV
Enkweg 4A
7383 CV, Voorst
The Netherlands
www.Baldwin-concepts.com

Phone: +31 6 31 37 81 98
E-mail: info@baldwin-concepts.com