

## Technical maintenance on Pellet Stove P1, P4

**Difficulty level:** Intermediate

**Time consumption:** 30-45 min

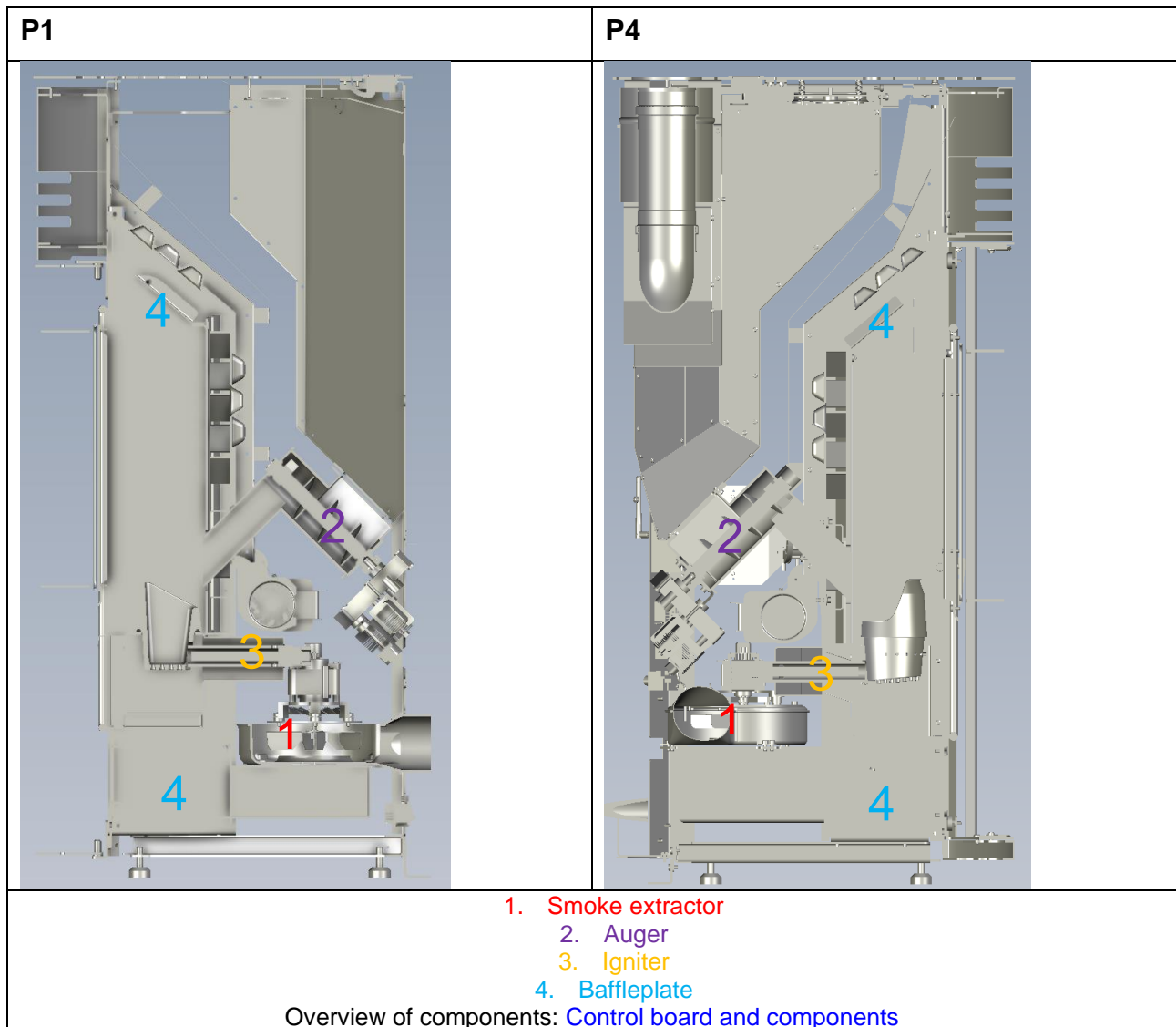
**Tools:** screwdriver with TORX, HEX and PH bits

**Components to bring:** Gearmotor, auger, ignitor, gaskets, smoke exhaust fan

**NB: All changes and adjustments must be conducted when the stove is cold and disconnected from the power supply.**

**NB: This guide is recommended for professional craftsmen**

The Aduro pellet stoves must be inspected within the first year by an Aduro certified professional for cleaning and adjustment. Hereafter, maintenance must be conducted at least every year or for every 2,000 kg pellets burned from the date of the latest service visit. The chimney must be maintained and swept according to local rules.



## Initial Inspection:

1. Visual Inspection: Assess the overall condition of the stove, check for any external damages, and ensure its installed correctly.
2. Check Seals and Gaskets: Inspect seals and gaskets around the door, glass, and other openings.
3. Check the pellet silo door, to see that it is tight and creates a vacuum when closed. Adjust the magnets to proper height.
4. Chimney sweeping must be conducted by the local and qualified chimney sweeper. Still it is recommended to control the smoke pipes, air inlet and smoke outlet for any humidity.
5. The door gaskets are checked using the paper method - a sheet of paper is placed between the structure and the door. Close the door and pull on the sheet of paper. If the paper comes out easily, the seal must be adjusted or replaced, if it remains embedded, the seal is still intact.
6. Verify Electrical Components: Test switches, controls, wiring, and connections to ensure they are functioning correctly and safely. Make sure no cables are broken.

## Cleaning and Maintenance:

1. Follow the cleaning guide in the customer universe for the given stove: [Cleaning the Aduro P1 series and Aduro P4 - Customer Self-Service \(microsoftcrmportals.com\)](https://microsoftcrmportals.com) use appropriate tools like a brush and an ash vacuum.
2. Inspect and Clean Venting System: Dismount the stove from the flue. Check the exhaust fan and clean it, check for blockages, debris, or leaks. Ensure proper airflow for efficient operation.
3. Open both side panels, but do not remove them. Use a can of compressed air or an air blower to blow away dust inside and on the mechanical and electrical parts in the back part of the stove.
4. On the P4 clean the bottom soot pot on the T - section

## Calibration and Testing:

1. Test Sensors and Safety Features: Ensure all sensors and safety features (such as temperature sensors, pressure switches) are functioning correctly.
2. Calibrate Settings: Adjust settings for optimal performance, including temperature control, pellet feed rate, and ignition system. [Adjustment of settings on Aduro pellet stoves - Customer Self-Service \(microsoftcrmportals.com\)](https://microsoftcrmportals.com)

## Recommendations and Replacements:

1. Replace Worn Parts: Replace critical components showing signs of wear, such as the igniter, motors, or gaskets, if necessary.
2. Suggest Improvements: Provide recommendations to the homeowner for improving stove efficiency or safety, such as using higher-quality pellets or replacing other worn components.

Use only Aduro OEM spare parts.

## Restart of the stove:

1. Fill the silo with pellets.
2. Control that the stove ignites correctly in the 1 attempt - if not try adjusting settings and troubleshoot the problem.

## Reset service alarm:

When the service of the stove is complete. Make sure that the service timer on the stove is reset:

1. Enter the technical settings menu (Password A9)
2. Scroll to "reset par time" and select this option
3. Use the reset password (55)
4. The service timer has been reset

Video guide: [Service reset Aduro P1-P4](#)

### **Documentation and Recommendations:**

1. Record Maintenance Details: Document all maintenance performed, parts replaced, and any issues encountered during the service visit.
2. Provide Maintenance Tips: Offer the homeowner advice on routine cleaning, proper operation, and scheduling future maintenance visits.
3. Book a service visit for the next year or earlier depending on use.

Following this service plan, a qualified technician can ensure that the Aduro P1/P4 pellet stove is in optimal condition, operating efficiently, and adhering to safety standards. Regular professional servicing will prolong the stove's lifespan and maintain its performance.