

Technical maintenance of Aduro Hybrid

The Aduro Hybrid stove must be inspected within the first year by an Aduro certified professional for cleaning and adjustment. Hereafter, maintenance must be conducted every other 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.

Servicing after 1 year

- Check the flue pipes and smoke outlet for humidity.
- Remove the insulation stones and check that they're in good condition. Vacuum for ashes and clean the combustion chamber and the baffle plate in steel.
- Check that the brazier and cast-iron grid are placed correctly without leakage (max 0,5 mm gap). Clean the brazier and cast-iron grid, and make sure the air pathways are free from ashes and cinders.
- Check the gasket below the cast-iron grid for the brazier. It must not be damaged and must be placed correctly.
- Check that the fan is working properly and clean the rotor blades.
- Empty the pellet container and vacuum the bottom of the external auger through the opening in the pellet container.
- Carefully remove the motherboard and clean it.
- Check that the door is airtight (using the paper test) and check that the gaskets are placed correctly. Adjust the glass fittings.
- Vacuum the internal auger and remove it. Check that the O-ring is intact and clean the dropshaft.
- Carefully remove the ceramic electrical igniter, and check if there are any ashes in the white cylinder. Clean if it necessary.
- Check if there are scratches/marks on the hybrid stove. If so, refresh the paint with Senotherm Spray.

Control and adjustment

- Connect the stove to Wi-Fi (if it is not already connected).
- Check that the door switch is functioning.
- Make sure that the small, black air damper for the pellet combustion (top left behind the lower door) is pulled all the way out.
- Make sure that the grey air damper in the middle of the stove is pushed all the way in when firing with pellets. The damper must only be pulled out, when firing with wood.

Restart the stove and check the draft

- Fill both augers with pellets, until you can see the pellets below the brazier (about 1 cm below the edge of the tube for the internal auger).
- Check that the stove ignites correctly in the first attempt.
- If the draft is too low (due to a short chimney or bad chimney pipes), tell the user how the ignition and the draft can be improved: E.g., by firing with small kindling sticks or installing an [Aduro DraftOptimizer](#).

Servicing every two years/for every 2000 kg of pellets burned

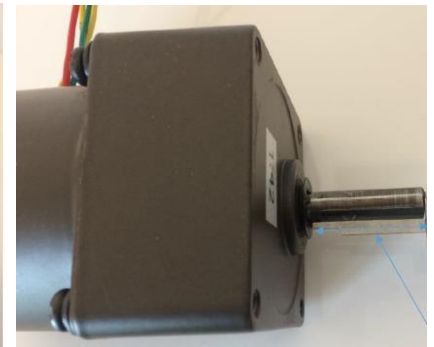
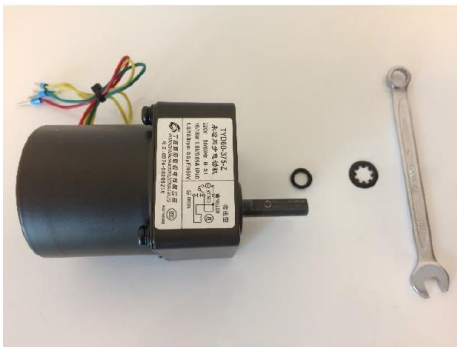
- Conduct the same service as described for the servicing after 1 year.
- Check the number of ignitions and change the ceramic electrical igniter if there have been more than 4000 ignitions.
- Dismount the internal auger and the gearbox and check for “unusual” wear.

How to change the internal gearmotor

NB: Hybrid stoves with production numbers going from 17H10114 to 17H10210 do not have an O-ring between the gearmotor and the internal auger.

The O-ring helps prevent that ash from the pellets enters the engine. It is therefore necessary to mount the O-ring during the service visit.

1. Unplug the stove.
2. Dismount the internal auger and the gearmotor as shown in this video: <https://youtu.be/CNr6lhX7ugs>
3. Mount the O-ring on the internal gearmotor (see pictures below).
4. Reinstall the auger and the motor as shown in the video.
5. Restart the stove.



Periodic maintenance after approx. 500 hours in operation

- Brush the inside of the pellet container.
- Vacuum the brazier and the internal auger.
- Check the fan and brush/clean the rotor blades.
- Clean the brazier and the cast-iron grid for cinders. You can use a scraper for scraping it out.
- Clean the air pathway for the electrical igniter for ashes and cinders. Access from the auger. You can use a small, straight screwdriver.
- Vacuum behind the insulation stones by removing the sides first and then the stone at the top. Afterwards, put the stones back in place.

Addition instructions for cleaning and maintenance can be found in the manual at adurofire.com/download/user-manuals/ and in [Aduro Customer Service Center](#).