

SAVE THESE INSTRUCTIONS - For Retailer Use Only

SI-0039A-002

Dealer Instruction for heat molding of Custom-fit Shimano Shoes

General Safety Information on the equipment

⚠ WARNING

– To avoid serious injuries:

- This procedure must only be done by trained retail employees who have read this document.
- Close supervision is necessary when any appliance is used by or near children.
- Do not let cord hang over edge of table or counter, or touch hot surfaces.
- Do not operate the equipment with damaged cord or plug after the equipment malfunctions or has been damaged in any manner.
- When operating the oven, keep at least four inches of free space on all sides of the oven to allow for adequate air circulation.
- Provide adequate ventilation for the work area when carrying out the heat molding procedure.
- Unplug from outlet when not in use and before cleaning.
- To disconnect oven, turn the switch to OFF, then remove the plug. Always hold the plug, and never pull the cord.
- A fire may occur if the oven and/or the pump are covered or touching flammable material, including curtains, draperies, walls and the like when in operation.
Do not place any items on equipment during operation.
- The operator must wear protective gloves when heat molding procedure is being carried out in order to avoid possible burns.

NOTE:

- Do not use outdoors.
- Do not use these equipments for other than intended use.
- Do not modify the plug in anyway.
- These units are supplied with short power supply cords to reduce the risk resulting from becoming entangled in or tripping over a long cord. An extension cord may be used if you are careful in its use:
 1. The electrical rating of the extension cord should be at least as great as the electrical rating of the appliances.
 2. An extension cord with the power cord must be arranged so that it will not be tripped over accidentally.
- Only use the items contained in the 'Shimano custom fit Accessory Kit' for the heat molding process.
Only items contained in the 'Shimano custom fit Kit' are tested and approved by Shimano for the heat molding process.

Technical Service Instructions

Heat molding accessory kit contents:

Vacuum pump (with hose)	1
Oven	1
Protective gloves	1 pair
Pressure bags	30
Sealing straps	2
Thermo stickers	30
Protective toe caps	SS (sizes 36 – 39) S (sizes 40 – 41) M (sizes 42 – 43) L (sizes 44 – 45) XL (sizes 46 – 48) 1 pair of each

Preparation before heat molding the inner soles

To be prepared by consumer:

- Shimano heat molding inner soles (including the arch pads).
- Cycling socks that will cover up to their ankles.

To be prepared by the operator:

⚠ WARNING

The operator should wear protective gloves during entire heat molding process is being carried out to avoid possible burns.

Note:

Remove all accessory items such as a product tags which maybe still attached to the shoes and padding materials inside the shoes prior to carrying out heat molding.

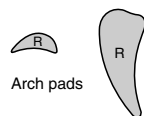
- Pre-heat the oven for approximately 15 minutes. The temperature inside the oven will reach around 100°C (210°F).

Heat molding the inner soles

1. Remove the inner soles from the shoes.
2. Place the inner soles inside the pre-heated oven with the tops facing upward and let them heat for a minute until they become malleable.

Note:

- When placing the inner soles in the oven, do not let them touch against the interior walls of the oven as they are extremely hot and may damage the material.
- Do not attach any accessory arch pads to the inner soles during heat molding process.



- Make sure to remove the inner soles after a minute to avoid overheating and damaging the material.

3. Place the heated inner soles back in the shoes and have the customer put the shoes on with all straps and buckles tightened to their normal riding position.

4. With the straps tightened, ask the customer to stand still for approximately 5 minutes with his/her full weight applied to both inner soles for their imprints.
5. After five minutes, inner soles should cool down to almost room temperature and conformed to the rider's feet.
6. If needed, the consumer can attach the included arch pads later.

This completes the heat molding procedure for the inner soles.

Note:

Heat molding of the inner soles can be done up to two times within the warranty period. After two times the heat molding can still be repeated, however the molding might slowly become less effective.

Preparation before heat molding the shoes

To be prepared by consumer:

- Shimano heat molding shoes (including the inner soles).
- Cycling socks that will cover up to their ankles.

⚠ WARNING

During the heat molding process, the temperature of the shoes will be approximately 70 – 80°C (160 – 180°F) thus consumer must wear their cycling socks that will cover up to their ankles.

To be prepared by the operator:

Have the following materials ready

- protective gloves,
- 1 pressure bag,
- 1 sealing strap,
- 2 thermo stickers,
- 1 pair of correct size protective toe caps (these are needed to prevent the toes area of the shoes from collapsing under pressure).
- Pre-heat the oven for approximately 15 minutes. The temperature inside the oven will reach around 100°C (210°F).

⚠ WARNING

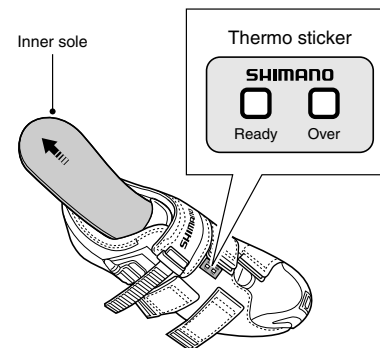
The operator must wear protective gloves when heat molding procedure is being carried out to avoid possible burns.

Heat molding the shoes

Note:

- Only carry out heat molding for one shoe at a time.
- Remove cleats from the shoes if attached.

1. Remove any product tags, paper materials from inside the shoe, then take out the Inner sole and unbuckle and loosen the straps as shown in the illustration. Attach the thermo sticker to the leather on the instep of the shoe.

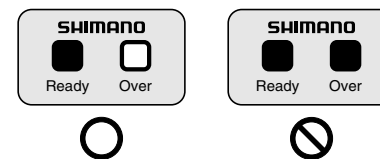


2. Place the shoe inside the heated oven. The thermo sticker should be visible from outside of the oven window.

Note:

When placing the shoe inside the oven, do not let it touch against the interior walls of the oven as they are extremely hot and may damage the shoe material.

3. Heat the shoe for 2 minutes and 30 seconds to 3 minutes. Check the color of the indicator box above the wording 'READY' on the thermo sticker. When the 'READY' indicator color changes from white to black, remove the shoe from the oven.

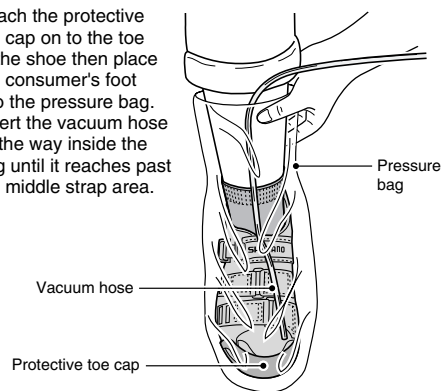


Note:

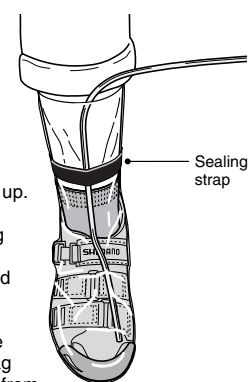
- If the 'READY' indicator box does not turn black within 3 minutes, continue with the heating process until the indicator color turns black.
- Keep close monitor of the thermo sticker to prevent over heating and damaging the shoe. If the color of the indicator box above the wording 'OVER' on the thermo sticker turns black, that means the upper material of the shoe may be damaged from over heating.
- Do not place the shoes or any object on top of the oven during the heat molding procedure.

4. Place the inner sole back into the shoe. Ask the customer to place their foot into the shoe and then tighten and adjust the straps and buckle to their normal riding position.

5. Attach the protective toe cap on to the toe of the shoe then place the consumer's foot into the pressure bag. Insert the vacuum hose all the way inside the bag until it reaches past the middle strap area.



6. Strap and tighten the Velcro sealing strap around the customer's ankle as shown in the illustration in order to seal the mouth of the pressure bag.



7. Ask the customer to stand up. Start the vacuum pressure molding process by turning on the vacuum pump for approximately 1 minute and 30 seconds to 2 minutes.
8. When finished, remove the vacuum hose, pressure bag and the protective toe cap from the customer's foot. However, because the shoe is still warm and may change its shape, ask the customer to keep still for another 5 minutes, until the shoe is cooled down. Remove the shoe when it no longer feels warm.

This completes the heat molding procedure for one shoe. Repeat the same process for the second shoe.

Note:

- After the heat molding is finished, do not leave the shoes in places with temperatures of 50°C (120°F) or higher. High temperature may cause the shoes to warp.
- Heat molding of the shoes can be done up to 3 times within the warranty period. After three times the heat molding can still be repeated, however the molding might slowly become less effective.
- Parts are not guaranteed against natural wear or deterioration resulting from normal use.
- Shoes that are heat molded (partly or completely) with other accessories and/or in a way that is in conflict with the applicable Service Instructions are excluded from warranty.

These service instructions are printed on recycled paper.

Please note: Specifications are subject to change for improvement without notice. (English)

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