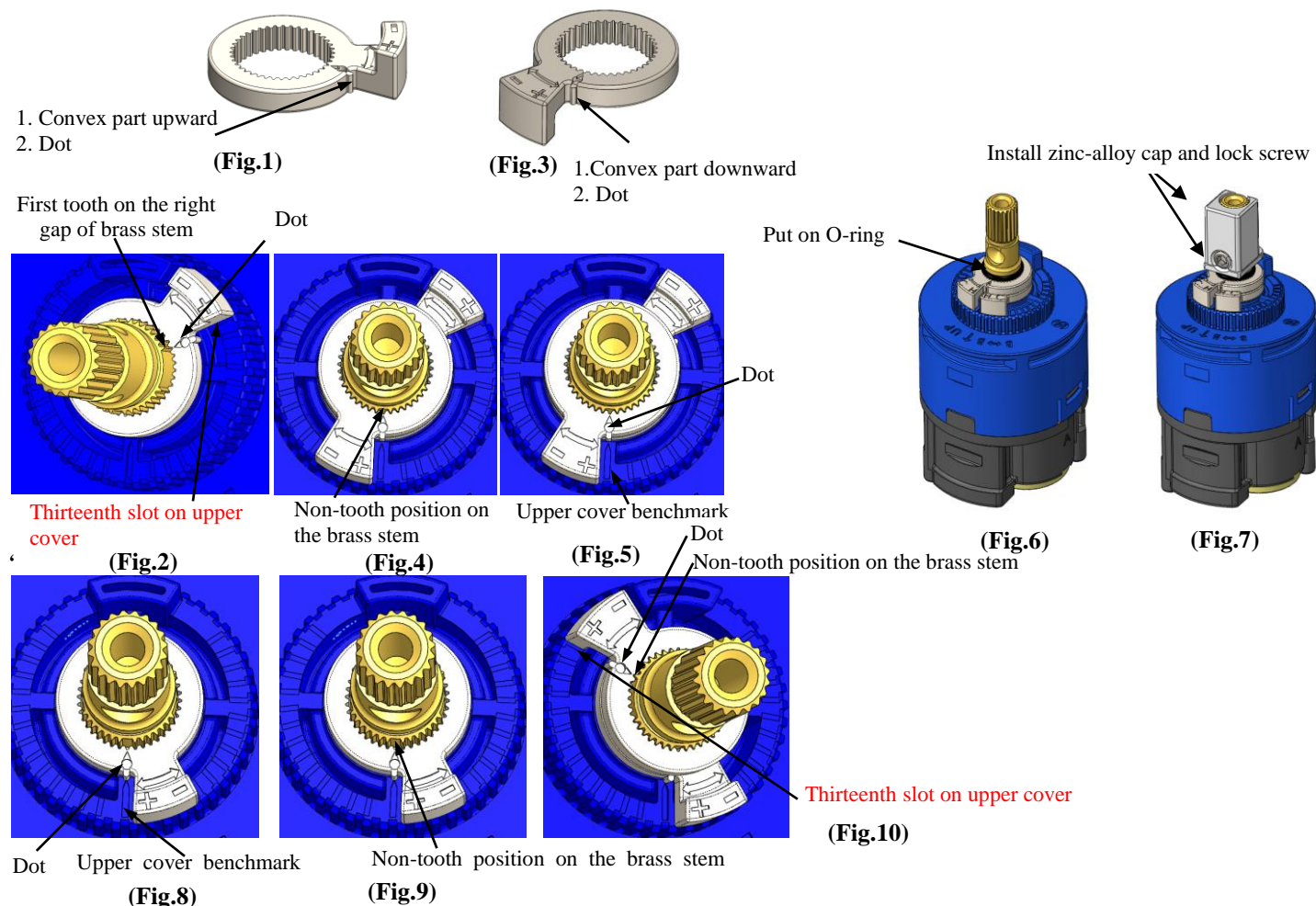


INSTRUCTION FOR TEMPERATURE SET UP OF TEMPERATURE LIMITED BLOCK

MODEL NUMBER : JL02BD

PURPOSE: By adjusting angle of the temperature limited block to regulate the outlet of hot water to control the maximum temperature to prevent scalding.



INSTRUCTION FOR LIMITED ONE SIDE OUTLET :

1. Make sure if the pressure balance cartridge is on the “off” position before adjusting the temperature limited block.
2. ① When clockwise rotation only, put convex part upward (Fig. 1) and make the dot of temperature limited block aligned with first tooth on right side gap of brass stem or **the thirteenth slot on upper cover benchmark** (Fig. 2). Then put convex part downward (Fig. 3), make the dot of second temperature limited block aligned with the dot of upper cover benchmark (Fig.5) and Non-tooth position on the brass stem (Fig.4). Put on O-ring (Fig. 6) and install zinc-alloy cap then lock screw (Fig. 7).
- ② When anti-clockwise rotation only, put convex part upward (Fig. 1) and make the dot of temperature limited block aligned with the dot of upper cover benchmark (Fig. 8) and non-tooth position on the brass stem (Fig. 9). Then put convex part downward (Fig. 3) and make the dot of second temperature limited block aligned with first tooth on left side gap of brass stem or **the thirteenth slot on upper cover benchmark** (Fig. 10). Put on O-ring (Fig. 6) and install zinc-alloy cap then lock screw (Fig. 7).



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3. The distance of each tooth on temperature limited block is 9 °. It could be adjusted to 13th tooth one by one toward “-” direction based on different demands of outlet temperature. The outlet temperature could be adjusted from 100°F (37.7°C) to 120.0°F(48.9°C)

4. Test condition :

- a. Pressurize the hot and cold water inlets to 45.0PSI \pm 1.0PSI (310.3KPa \pm 6.9 KPa).
- b. Cold/hot water temperature condition: According to ASSE 1016/ASME A112.1016/CSA B125.16-2011 4.9 outlet temperature and flow capacity test.
- c. The temperature limited block shall regulate outlet temperature to 100.0°F(37.7°C) and keep outlet temperature to be less than 120.0°F(48.9°C).

5. Flow rate through the device at a rate of 2.5GPM \pm 0.25 GPM (9.5L/Min \pm 1.0L/Min).

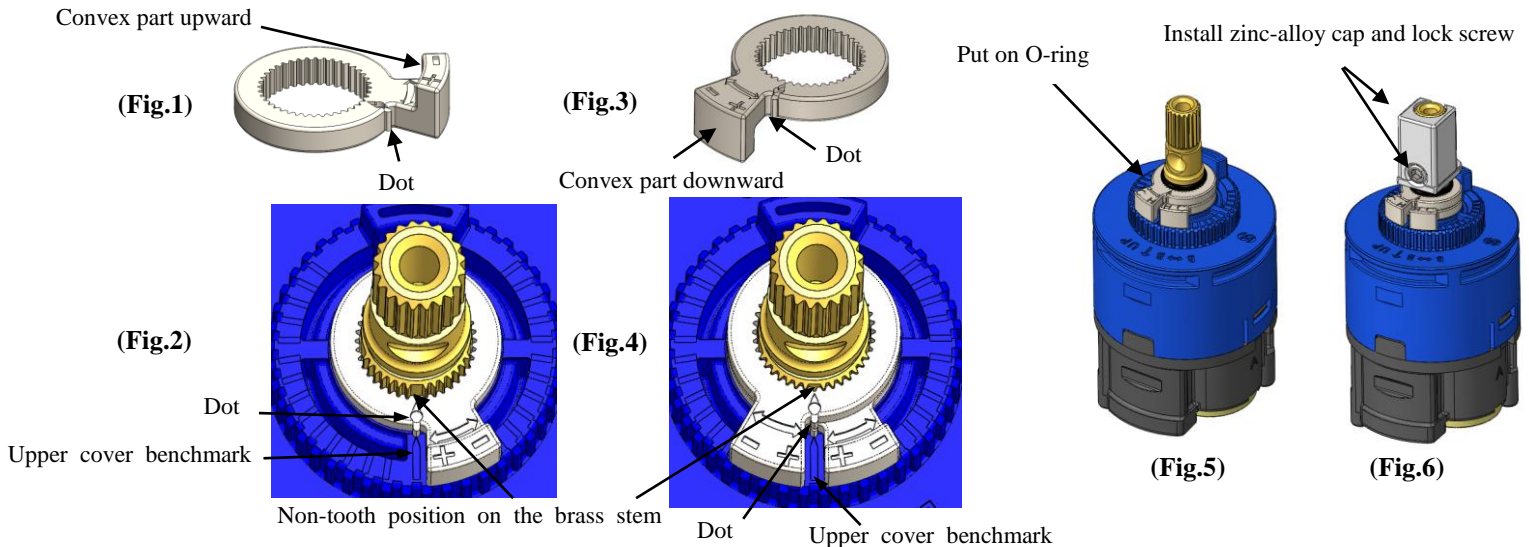
***This valve must be installed by professional installer to ensure safety. Any in-proper installation will raise the discharge temperature and may get hot burns.**

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INSTRUCTION FOR TEMPERATURE SET UP OF TEMPERATURE LIMITED BLOCK

MODEL NUMBER : JL02BD

PURPOSE: By adjusting angle of the temperature limited block to limit the flow rate of hot water and regulate the maximum temperature to prevent scalding.



INSTRUCTION :

1. Make sure if the pressure balance cartridge is on the “off” position before adjusting the temperature limited block.
2. Take off the temperature limited block. Put convex part upward (Fig. 1), make the dot of temperature limited block aligned with upper cover benchmark and non-tooth position on the brass stem. (Fig. 2) Then, put convex part downward (Fig. 3), make the dot of second temperature limited block aligned with the dot of upper cover benchmark and non-tooth position on the brass stem (Fig. 4). Put on O-ring (Fig. 5) and install zinc-alloy cap then lock screw. (Fig. 6)
3. The distance of each tooth on temperature limited block is 9 °. It could be adjusted to 13th tooth one by one toward “-” direction based on different demands of outlet temperature. The outlet temperature could be adjusted from 100°F (37.7°C) to 120.0°F(48.9°C)
4. If there’s no specific request, the dot of temperature limited block shall be aligned with non-tooth position on the brass stem. (Fig. 4) In this way, it can be fully opened with an angle of 120° in the left and right side.
5. Test condition :
 - a. Pressurize the hot and cold water inlets to 45.0PSI ± 1.0PSI (310.3KPa ±6.9 KPa)
 - b. Cold/hot water temperature condition: According to ASSE 1016/ASME A112.1016/CSA B125.16-2011 4.9 outlet temperature and flow capacity test.
 - c. The temperature limited block shall regulate outlet temperature to 100.0°F(37.7°C) and keep outlet temperature to be less than 120.0°F(48.9°C).
6. Flow rate through the device at a rate of 2.5GPM ± 0.25 GPM (9.5L/Min ± 1.0L/Min)

***This valve must be installed by professional installer to ensure safety. Any in-proper installation will raise the discharge temperature and may get hot burns.**