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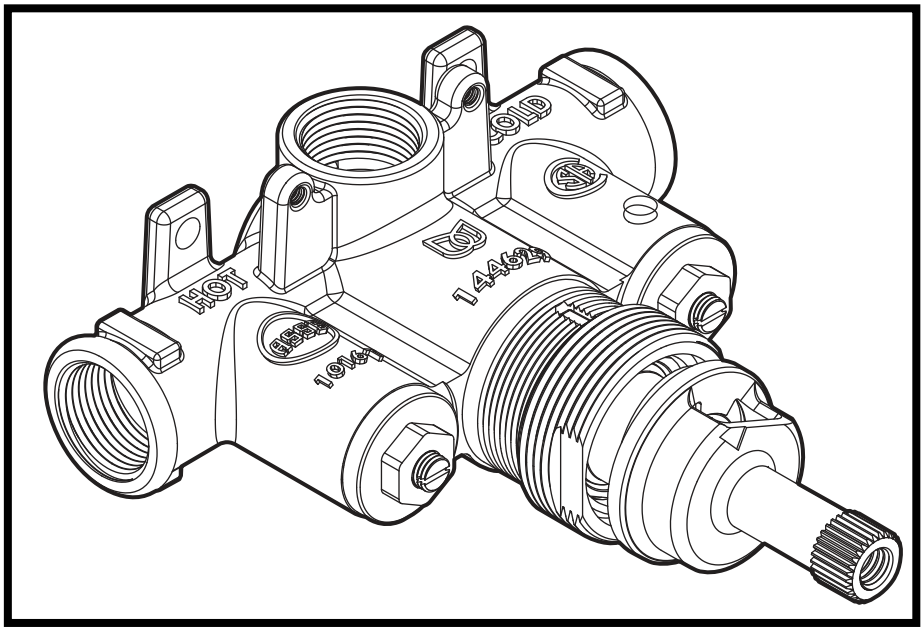
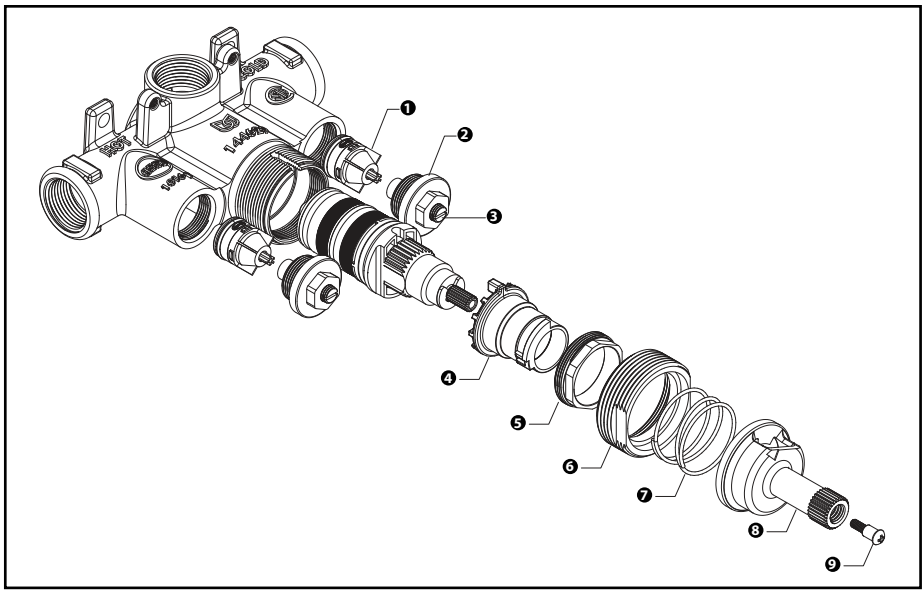
3371

ExactTemp Service Manual



 # 153768

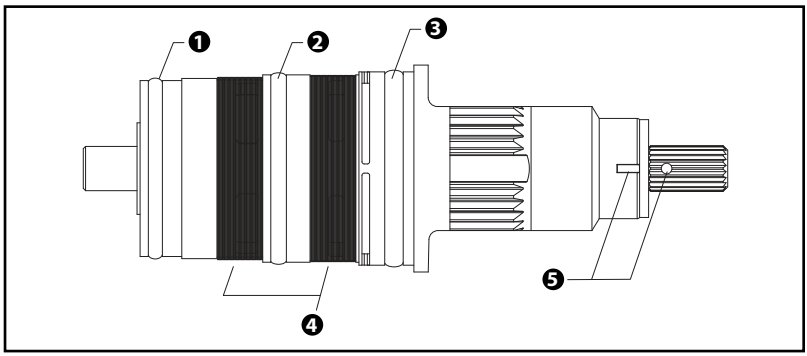
EXPLODED VALVE DIAGRAM



1. Check Valve
2. Stop Body
3. Stop Stem
4. Temperature Limit Stop
5. Cartridge Nut
6. Handle Adapter Nut
7. Spring
8. Stem
9. Screw

★ ***For service kit numbers refer to moen.com***

CARTRIDGE DIAGRAM



1. Bottom O-Ring
2. Middle O-Ring
3. Top O-Ring
4. Screens
5. Pre-Set Temperature Alignment Markings (105˚)

TROUBLE SHOOTING

Problem	Description	Cause	Fix
No flow or reduced flow	Reduced flow or no flow from device	Stop stems are closed	Turn stop stems counterclockwise
No flow or reduced flow	Reduced flow or no flow from device	Blocked screens on cartridge	Remove cartridge and rinse. See "Cartridge Servicing" (pg 9).
Outlet water temperature too high	Water is hotter than 105˚F at safety stop or 120˚F in full hot	Cartridge is out of calibration	Remove cartridge and rinse. See "Cartridge Calibration" (pg 7).
Outlet water temperature too high	Water is hotter than 105˚F at safety stop or 120˚F in full hot	Missing or damaged bottom o-ring	Replace cartridge. See "Cartridge Servicing" (pg 9).
Leak from around the cartridge	Continuous leak from behind trim	Cartridge has missing or damaged top o-ring.	Replace cartridge. See "Cartridge Servicing" (pg 9).
Leak from around the cartridge	Continuous leak from behind trim	Missing or loose cartridge nut	Replace or tighten cartridge nut. See "Cartridge Servicing" (pg 9).
All hot or all cold water	Temperature adjustment does not provide mixed temperature	Inlets are reversed	Reinstall with hot water line to hot side of the valve and cold water line to cold side of the valve.
No temperature stop detected	Handle rotates greater than 200˚ and does not engage a stop	Temperature limit stop is not properly seated in the valve	Reassemble temperature limit stop. See "Cartridge Servicing" (pg 9).

CARTRIDGE CALIBRATION

Rotate the temperature control counterclockwise from the coolest setting (80˚ F) at the 7:00 position to the safety stop setting (105˚ F) at the 12:00 position.

Push in the end of the stem to activate the safety stop override, then rotate the stem counterclockwise from (105˚ F) at the 12:00 position to the maximum temperature (120˚ F) at the 9:00 position. *(fig.1)*

Use a thermometer to test the temperature of the water. If it is 120˚ F or less, turn the water off and attach your trim. No calibration is necessary.

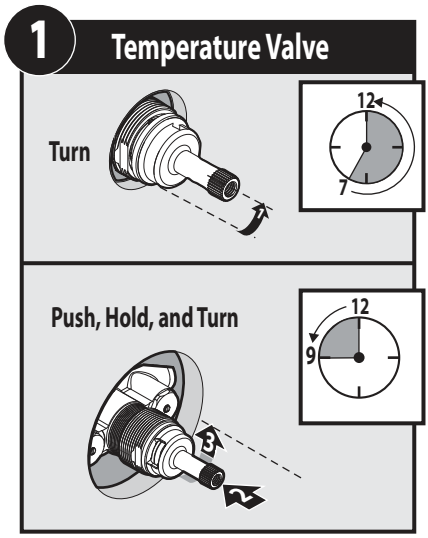


fig.1

If the temperature is higher than 120˚ F, the valve must be calibrated to a lower temperature. To lower the maximum temperature, proceed to step 2 on page 7.

CARTRIDGE CALIBRATION

cont.

Rotate the temperature stem from the hottest position (9:00) clockwise to the safety stop position position (12:00). This is 1/4 of a turn and the stem will pop out when the proper position is reached.

Continue rotating the stem clockwise from the (12:00) position to the (2:00) position. (*fig.2)*

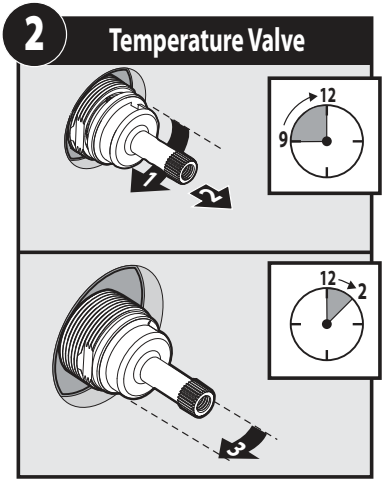


fig.2

While holding the stem to prevent rotation, remove the screw turning counterclockwise.

Pull the stem from the valve without rotating. (*fig.3)*

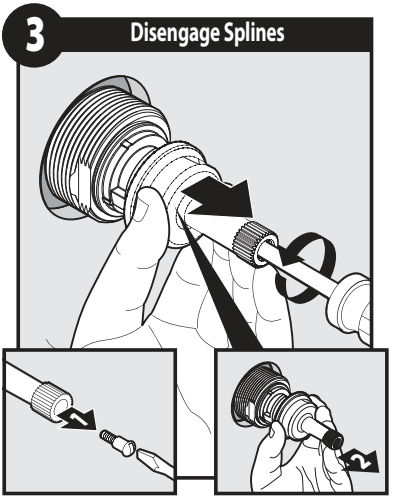


fig.3

CARTRIDGE CALIBRATION

cont.

Rotate the stem from the (2:00) position counterclockwise to the (12:00) position.(*fig.4)*

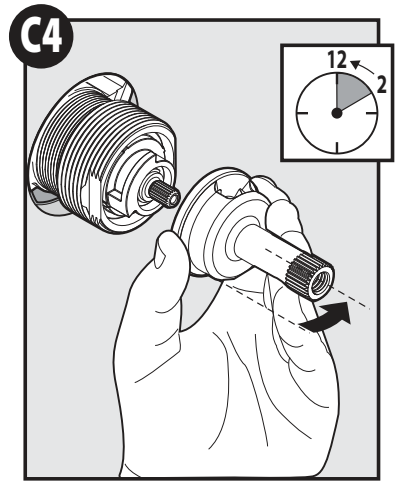


fig.4

Replace the stem in the new position and secure with screw. (*fig.5)*

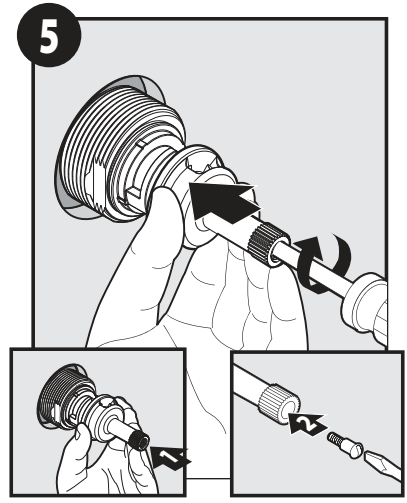


fig.5

Test the temperature of the water. If it is still over 120˚ F, repeat steps 3 and 4 to lower the maximum temperature.