

KITCHEN AND BATH

Purpose

This document outlines the procedures for correction restricting water flow in Flow Max Faucets.

Safety

CAUTION

The “CAUTION” symbol above is a sign that a safety risk is involved and may cause personal injury and/or product or property damage if not safely adhered to and within the parameters set forth in this manual.

CAUTION

Moving parts can pinch, crush, or cut. Keep clear and use caution.

Check Lists

To identify the source of low flow water pressure or faucet leakage, refer to the below checklists.

Low Flow Water Pressure Check List

1. Check for debris inside faucet cartridge, spout aerator (TI-400), nozzle head (TI-400), and water lines. Make sure there is no debris restricting water flow.
2. Check the campground's water pressure. Safe water pressure in an RV should be 40 - 50 psi. A pressure regulator keeps your pressure consistent, but it cannot supply the necessary force to boost water flow. If the water pressure is low, then you may need a booster pump to supply increased water flow through your RV.
3. Check the hose line. One bent hose could cause low water pressure. In this case, simply straighten the hose to solve the pressure problem.
4. Check the water filter. The water filter could cause low water pressure if it is clogged and needs replacing. The filter should be changed every six months to a year. Check filters before camping in your RV to ensure the filter is clean.

Leaking Faucet Check List

1. If your faucet is leaking at the spout, base or neck it is possible the cartridge is cracked. This will require a cartridge replacement.
2. If your faucet has a pin hole leak in the faucet neck, the complete faucet will need replaced.
3. If the faucet neck is loose, tighten it.

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Resources Required (depending on model, not all resources are needed)

- Pliers
- Small slotted screwdriver
- Towel or rag
- 2.5 mm hex wrench
- Adjustable wrench

Procedure

Aerator styles may differ, depending on faucet model.

- Screw-on head (Fig. 1A) see page 2.
- Pull down head (Fig. 2A) see page 3.
- Snap-in head (Fig. 3A) see page 4.
- Internal (Fig. 4A) see page 5.

Fig. 1



Fig. 2



Fig. 3

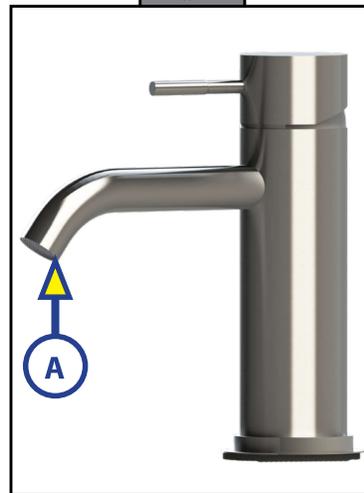
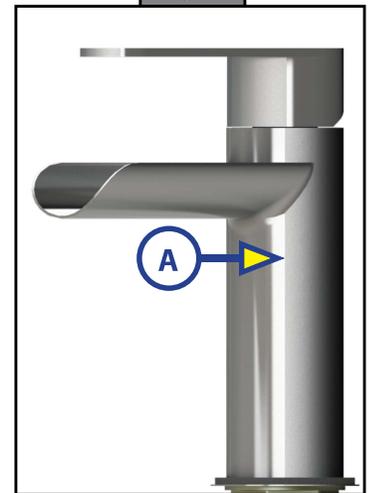


Fig. 4



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Screw-On Head

NOTE: The head is screwed on hand tight. With build-up of mineral deposits and debris, pliers may be needed to remove the faucet head.

1. Remove the head by unscrewing from neck (Fig. 5).

NOTE: If pliers are needed, place a towel over the head to protect from any damage from the jaws of the pliers.

2. Remove the aerator from the head.
3. Separate the aerator and screen.
4. Rinse aerator and screen under water to clean any debris or build-up.
5. Reattach and tighten head.

Fig. 5



NOTE: If there is a leak from the aerator when the faucet is on, it is possible that the aerator may not be installed correctly. Remove the aerator and reinstall.

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Pull-Down Head

1. Pull the nozzle down (Fig. 6) and unscrew from the connector.
- NOTE:** Be sure to secure the hose from retracting back into neck.
2. Slide the connector up to access the rubber washer/screen.
 3. Remove the rubber washer/screen from the hose by pulling off by hand.
 4. Rinse washer/screen under water to remove any debris or build-up.
 5. Reattach rubber washer/screen.
 6. Pull the connector down so the rubber washer/screen seats securely inside.
 7. Reattach the nozzle to nozzle connector and tighten.

Fig. 6



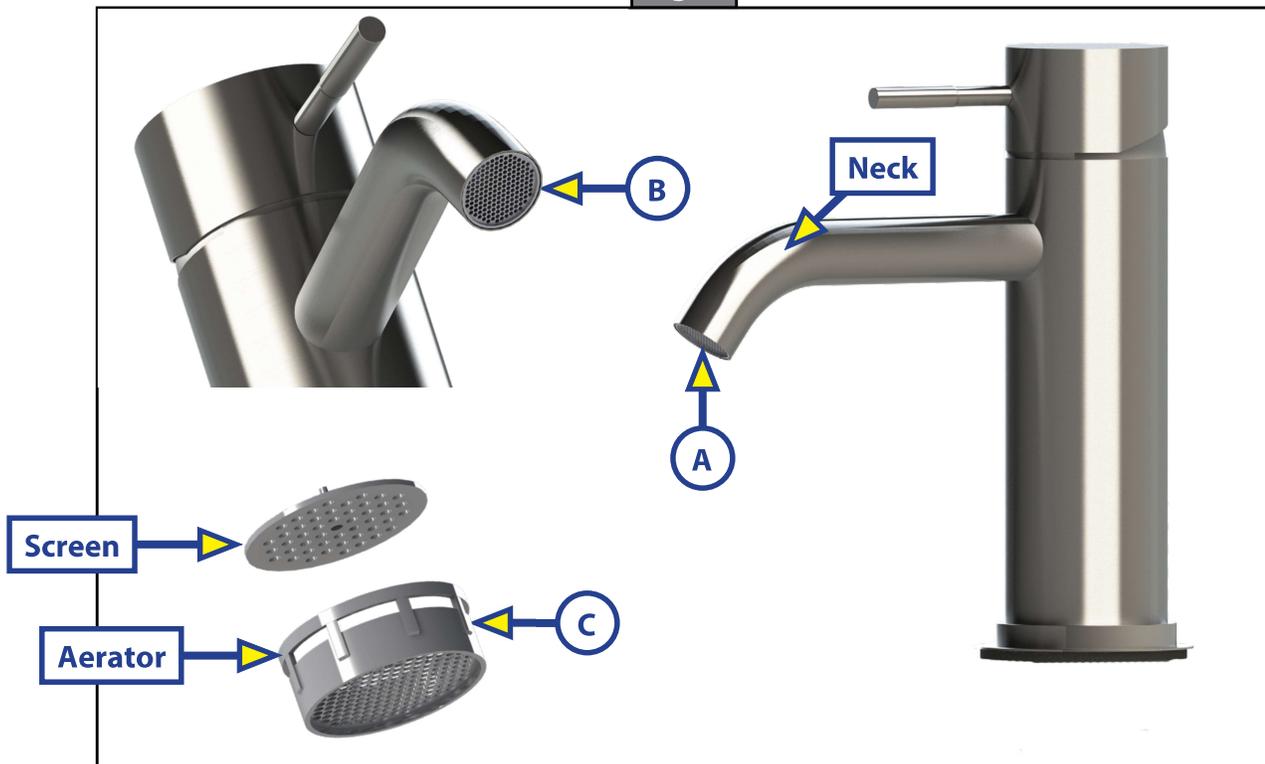
NOTE: If there is a leak from the aerator when the faucet is on, it is possible that the aerator may not be installed correctly. Remove the aerator and reinstall.

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Snap-In Head

1. Remove the aerator from the neck (Fig. 7A) with a small slotted screwdriver by placing the edge into the tabs (Fig. 7B) gently prying the aerator from the neck.
2. Separate the aerator and screen (Fig. 7C).
3. Rinse aerator and screen under water to remove any debris or build up.
4. Reinsert aerator and screen by pressing the aerator back into the neck.

Fig. 7

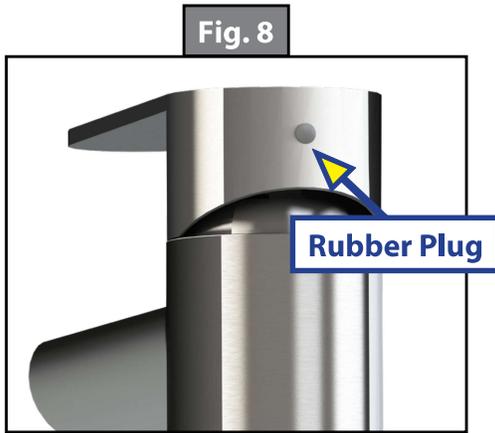


NOTE: If there is a leak from the aerator when the faucet is on, it is possible that the aerator may not be installed correctly. Remove the aerator and reinstall.

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Internal

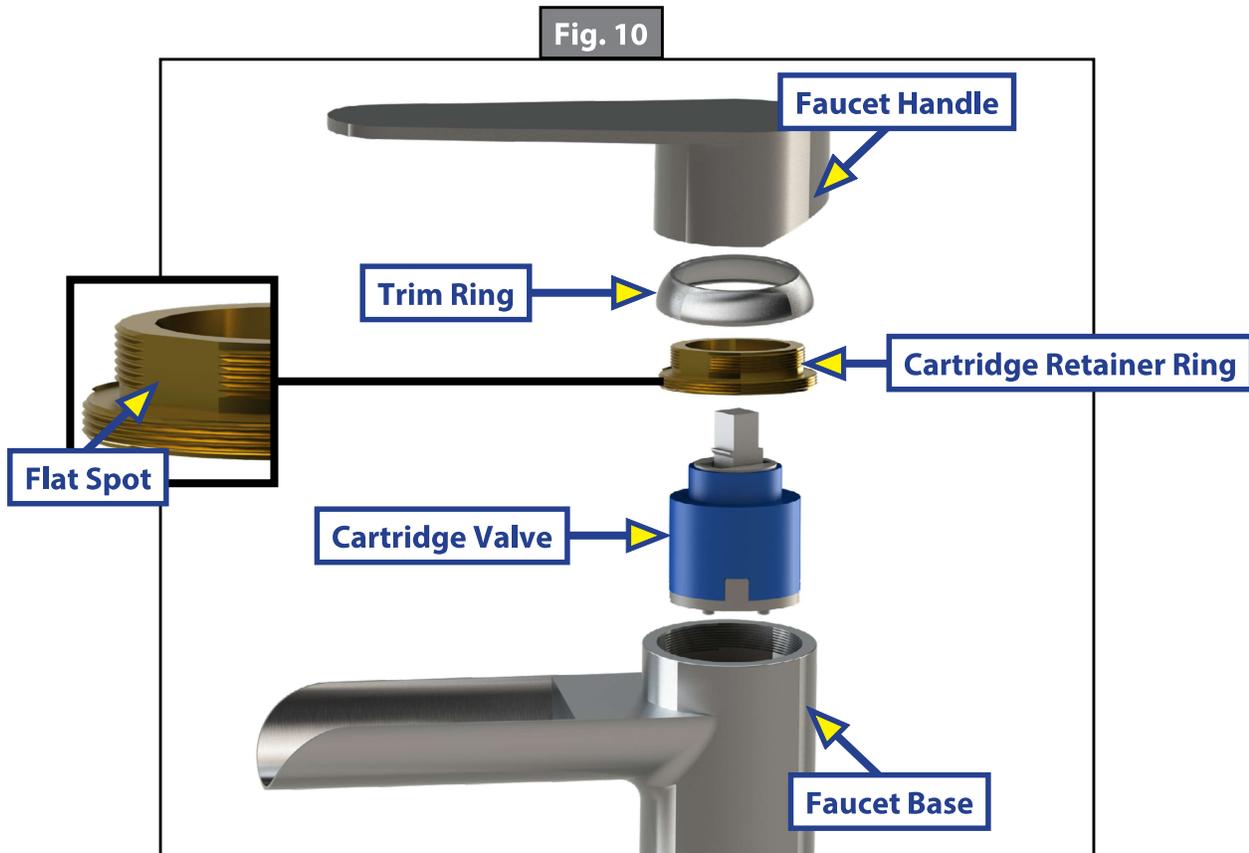
1. Remove the rubber plug (Fig. 8) allowing access to the set screw.
2. With 2.5 mm hex wrench loosen the set screw (Fig. 9).



3. Remove faucet handle from faucet base allowing access to the cartridge (Fig. 10).
4. Remove the trim ring by unscrewing by hand.

NOTE: Use of tools to remove trim ring should not be necessary and could cause damage to the ring.

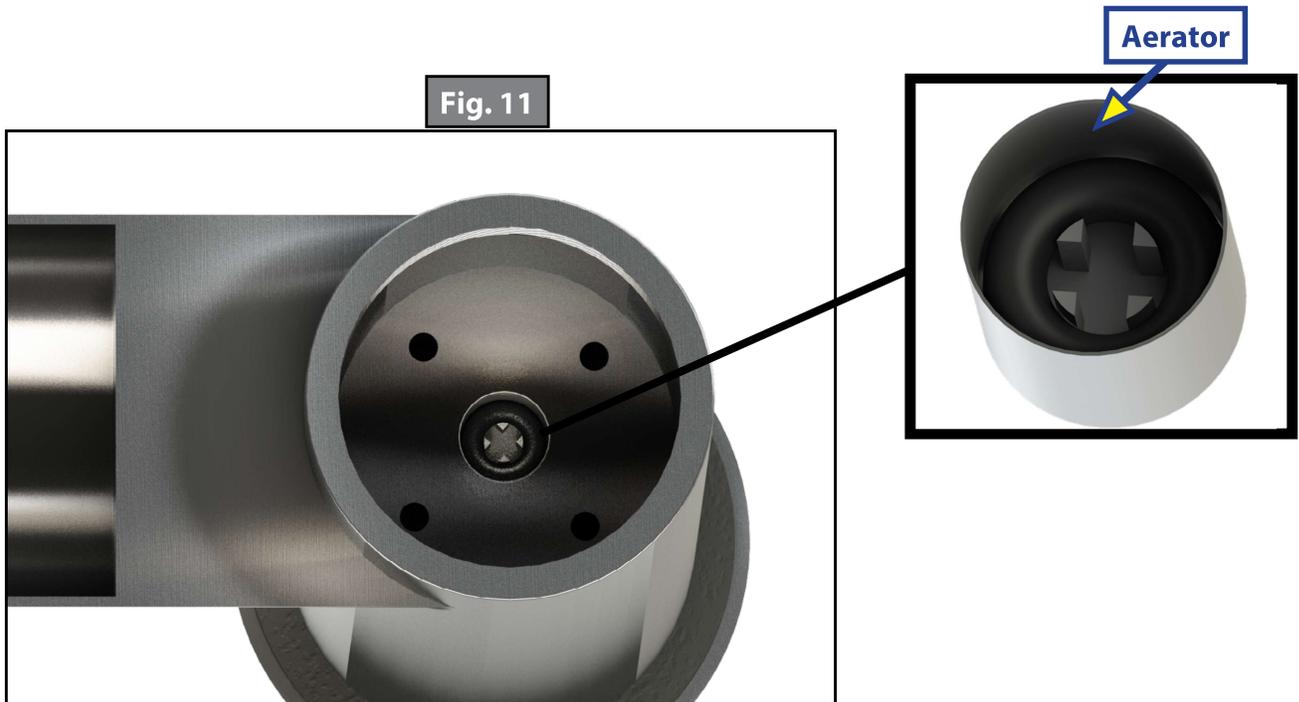
5. Remove the cartridge retainer ring with appropriate wrench by gripping the flat spots on the ring.
6. Remove the cartridge valve.



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7. Locate the aerator that is seated inside the faucet base (Fig. 11).
8. Remove the aerator by gently gripping the edge of the aerator with a pair of needle nose pliers.
9. Carefully rinse aerator under water to remove any debris or build up.
10. Reinsert aerator using the needle nose pliers.

NOTE: When fully inserted, the aerator will not be flush with the faucet base.



11. Install the cartridge valve, making sure to completely seat it into the faucet base.
12. Install the cartridge retainer ring and securely tighten with an adjustable wrench.
13. Screw the trim ring into place and hand tighten only.
14. Install the faucet handle and secure with a 2.5 mm hex wrench. Replace the rubber plug.

NOTE: If there is a leak from the faucet base when the faucet is on, it is possible that the cartridge valve may not be installed correctly. Remove the cartridge valve and reinstall.