American Standard

HAMPTON

Spread Lavatory Faucet with the
Speed Connect™ Drain

Congratulations on purchasing your American Standard faucet with Speed Connect drain, a feature found only on American Standard faucets.
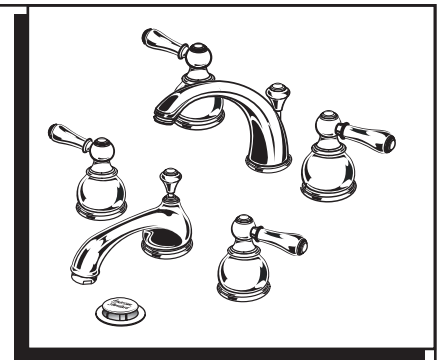
Speed Connect Drain*
• Fewer parts, installs in less time
• Never needs adjustment
• Guaranteed to seal properly the first time, every time.

*Your new American Standard faucet is designed to work only with the Speed Connect drain.

To ensure that your installation proceeds smoothly-please read these instructions carefully before you begin.
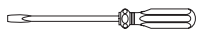
Installation Instructions
**7871.702
7871.712
7871.722
7871.732
7881.702
7881.712
7881.722
7881.732**

Recommended tools

| Screwdriver | Channel Locks | Adjustable Wrench | Tubing Cutter |

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1 INSTALL SPOUT 【CAUTION】 Turn off hot and cold water supplies before beginning.

■ Insert SPOUT **(1)** and CABLE CONNECTOR **(12)** through center hole, making sure the SPOUT ESCUTCHEON **(2)** and SEAL WASHER **(3)** are properly seated.

■ Assemble RUBBER WASHER **(4)**, BRASS WASHER **(5)** and LOCKNUT **(6)** onto SPOUT SHANK **(7)** from under side of sink . Make sure SPOUT **(1)** is centered in the mounting hole and the *slot* in the BRASS WASHER **(5)** faces toward the rear of the sink.

■ Tighten LOCKNUT **(6)** firmly. **Fig. A.**
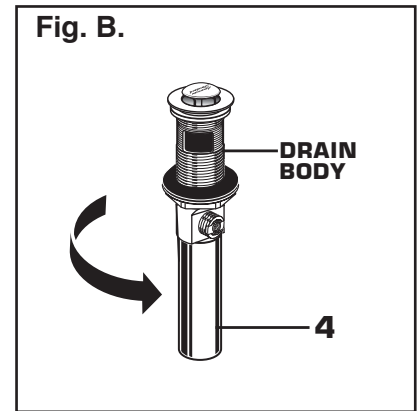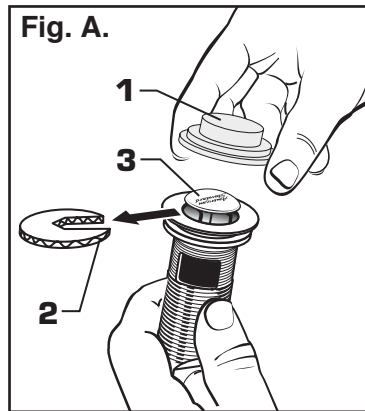
Fig. A.
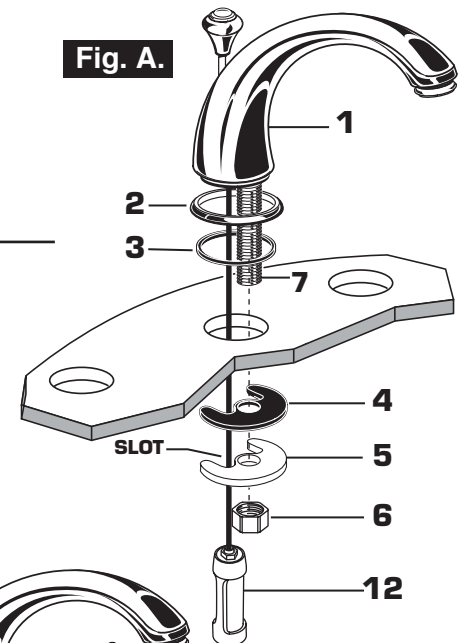
1A INSTALL VALVE BODY

■ Place RUBBER RING **(9)** into SCUTCHEON **(10)**.

■ Install LOCKNUT **(11)** onto VALVE BODY **(8)**.
From under side of mounting surface, install VALVE BODY **(8)** through valve mounting holes. Threads of VALVE BODY **(8)** should extent at least 5/16 of a inch above mounting surface top. **Fig. B.** Thread ESCUTCHEON **(10)** onto VALVE BODY **(8)** until snug against internal stop. If necessary, adjust LOCKNUT **(11)**.

■ Hand tighten LOCKNUT **(11)** to secure VALVE BODY **(8)**.
Repeat above steps for opposite VALVE BODY **(8A)**.

5/16" MIN.

MOUNTING SURFACE
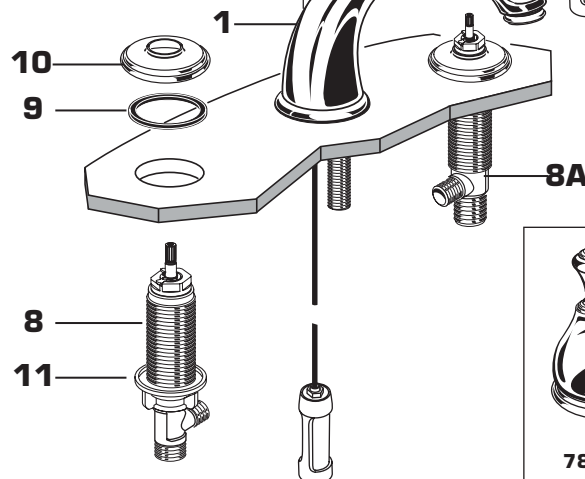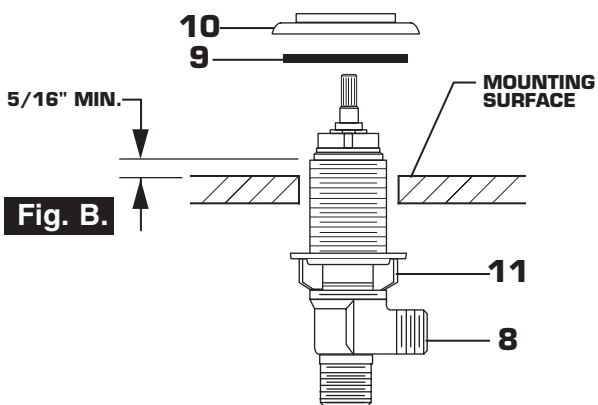
Fig. B.

7871 SERIES

2 POP-UP DRAIN

- Remove CLEAR PLASTIC COVER **(1)**.

- Remove CARDBOARD SPACER **(2)** from under DRAIN POP-UP **(3)**.

- Tighten TAILPIECE **(4)** on DRAIN BODY before installing DRAIN BODY. **Fig. B.**

Fig. A.

1
3
2

Fig. B.

DRAIN BODY

4

3 REMOVE FLANGE

- Thread FLANGE **(1)** counter-clockwise and remove FLANGE **(1)** and FOAM GASKET **(2)** from drain body. **Fig. A.**

- Thread LOCKNUT **(3)** clock-wise to bottom of drain body. Push GASKET **(4)** down against LOCKNUT **(3)**. **Fig. B.**

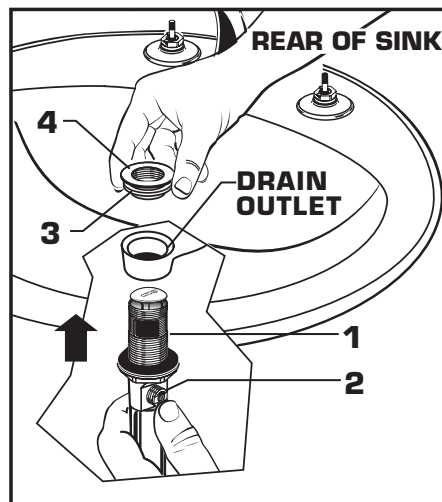**Fig. A.**

1
2

Fig. B.

4
3
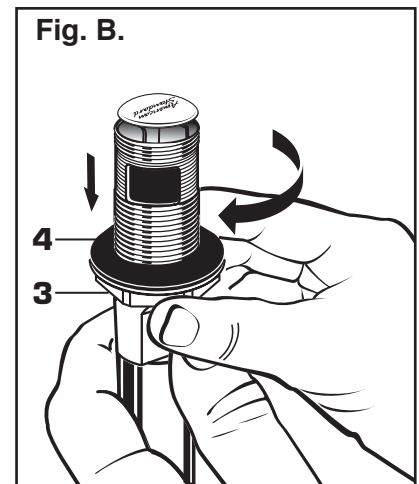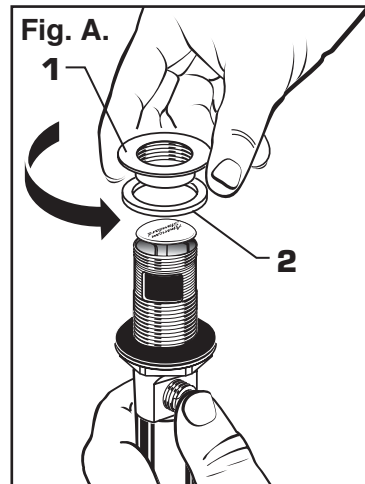
4 INSTALL DRAIN FROM BELOW FIXTURE

- From under side of SINK install DRAIN BODY **(1)** up through drain outlet.

  Note: No plumber's putty or caulk is required. The CABLE ATTACHMENT POINT **(2)** must face towards the rear of the SINK.

- Install FOAM GASKET **(3)** and FLANGE **(4)** onto drain body from above SINK and tighten FLANGE **(4)** firmly.

REAR OF SINK

4
3
DRAIN OUTLET
1
2

5 TIGHTEN LOCKNUT

- Tighten LOCKNUT **(1)** firmly with Adjustable Wrench or Channel Locks.

1
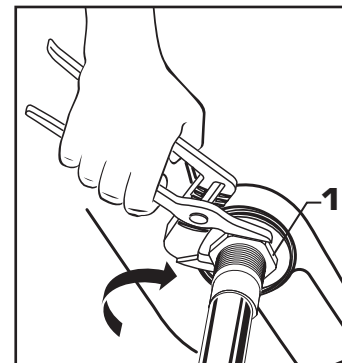
6 FLANGE GASKET AND POP-UP KNOB

- Check DRAIN FLANGE in SINK to ensure that WHITE FOAM GASKET **(3)** is fully compressed and not visible. **Fig. A.**

- POP-UP KNOB **(1)** must be fully down. **Fig. B.**

Fig. A.

WHITE FOAM GASKET NOT VISIBLE
DRAIN FLANGE

Fig. B.

DOWN
1

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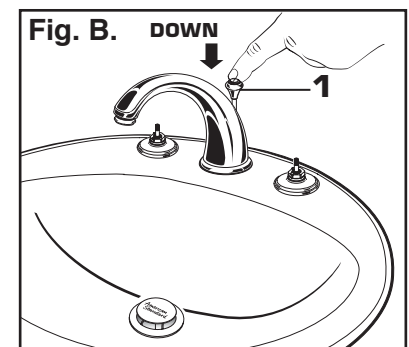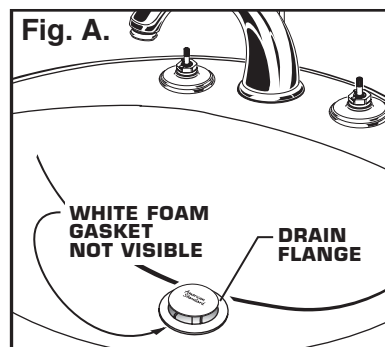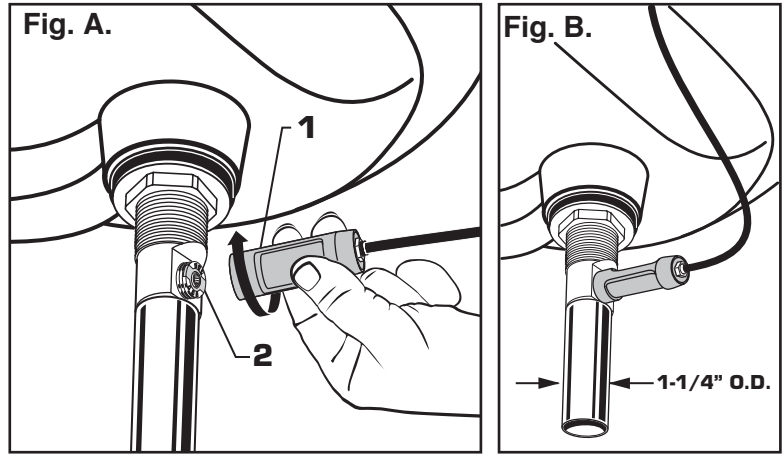## 7 ATTACH CABLE CONNECTOR

■ Thread CABLE CONNECTOR **(1)** clockwise onto DRAIN BODY CONNECTION **(2)** and hand tighten. **Fig. A.**

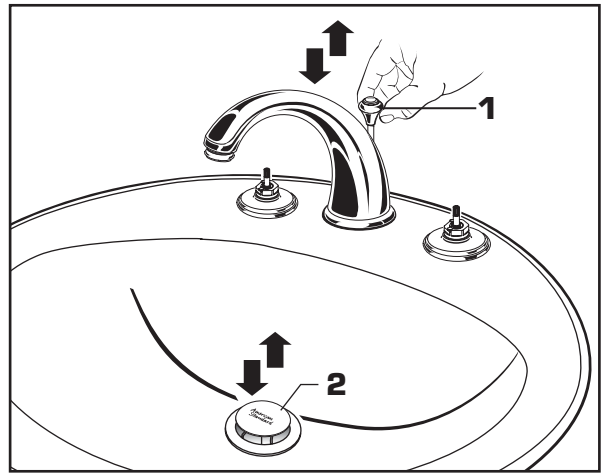Your new POP-UP DRAIN installation is now complete. **Fig. B.**

Note: Tailpeice on pop-up drain is 1-1/4" O.D. **Fig. B.**

Fig. A.

Fig. B.

1-1/4" O.D.

8 CHECK OPERATION OF POP-UP

■ Operate LIFT KNOB **(1)** to verify that STOPPER **(2)** opens and closes.
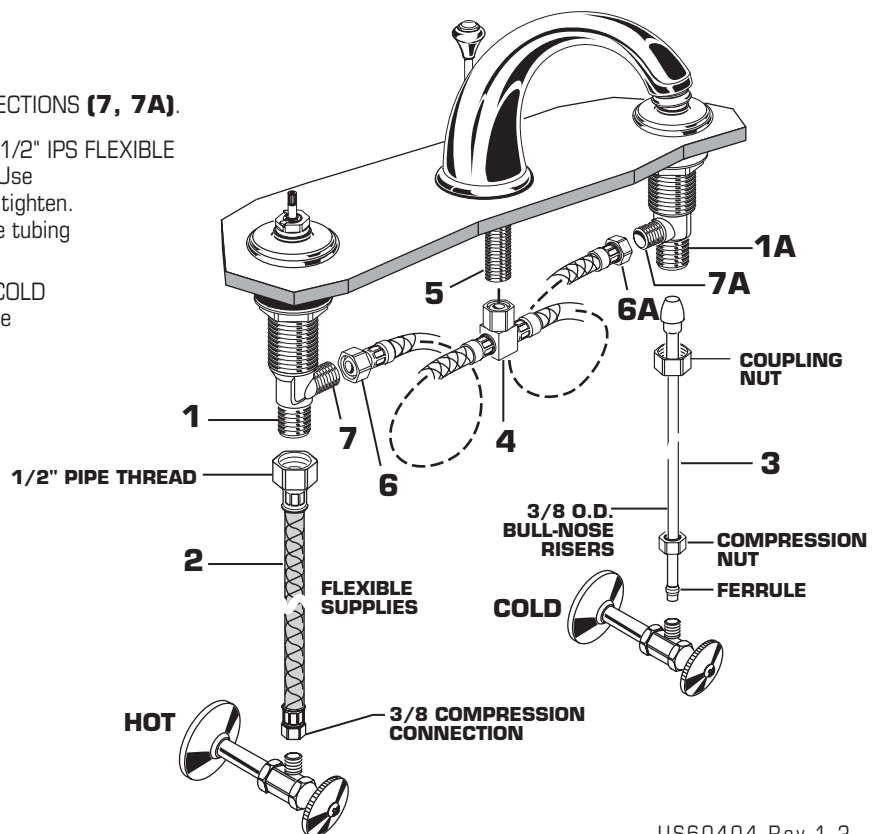
Note: If STOPPER **(2)** does not open and close properly then refer to the "troubleshooting section" of these instructions.

9 MAKE WATER SUPPLY AND WASTE CONNECTIONS

NOTE: FLEXIBLE SUPPLIES OR BULL-NOSE RISERS NOT INCLUDED AND MUST BE PURCHASED SEPARATELY.

■ Thread TEE BODY **(4)** to SPOUT SHANK **(5)**.

■ Thread HOSE CONNECTOR **(6, 6A)** to VALVE CONNECTIONS **(7, 7A)**.

■ Connect water supply to VALVE BODIES **(1,1A)** with 1/2" IPS FLEXIBLE SUPPLIES **(2)** or 3/8" O.D. BULL-NOSE RISERS **(3)**. Use adjustable wrench to tighten connections. Do not over tighten. Be careful not to kink copper supply when bending. Use tubing cutter to cut to proper length.

■ Connect HOT water supply to inlet of left SHANK and COLD water supply to right SHANK using sealant, appropriate connectors, and COUPLING NUTS.

■ Connect 1-1/4" O.D. tailpiece on POP-UP DRAIN to waste outlet.

1A

7A

6A

COUPLING NUT

1

7

4

3

1/2" PIPE THREAD

6

3/8 O.D. BULL-NOSE RISERS

COMPRESSION NUT

2

FLEXIBLE SUPPLIES

COLD

FERRULE

HOT

3/8 COMPRESSION CONNECTION

5

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3

10 INSTALL HANDLES (Lever)

- Turn VALVE into OFF position.

- Push ADAPTER **(1)** into HANDLE BASE **(2)** in a way that the male square on the ADAPTER **(1)** fits in the female square of the HANDLE BASE **(2)**.

- Push HANDLE BASE **(2)** and ADAPTER **(1)** onto VALVE STEM **(5)**.

- Check alignment, if not satisfactory aligned;
  - Push out ADAPTER **(1)** carefully.
  - Turn ADAPTER **(1)** either 45° or 90° so that male square on ADAPTER **(1)** catches different female square in HANDLE BASE **(2)**.

- Secure HANDLE BASE **(2)** with HANDLE SCREW **(3)**.

- Push INDEX CAP **(4)** in hole of LEVER BALL **(6)**.
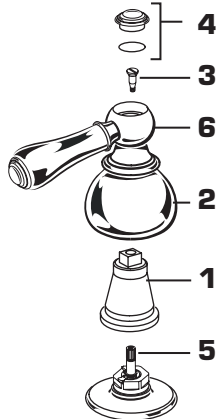
INSTALL HANDLES (Cross)

- Turn VALVE into OFF position.

- Push ADAPTER **(1)** into HANDLE BASE **(2)** in a way that the male square on the ADAPTER **(1)** fits in the female square of the HANDLE BASE **(2)**.

- Push HANDLE BASE **(2)** and ADAPTER **(1)** onto VALVE STEM **(5)**.

- Check alignment, if not satisfactory aligned;
  - Push out ADAPTER **(1)** carefully.
  - Turn ADAPTER **(1)** either 45° or 90° so that male square on ADAPTER **(1)** catches different female square in HANDLE BASE **(2)**.

- Secure HANDLE BASE **(2)** and METAL CROSS **(6)** or PORCELAIN CROSS **(7)** with HANDLE SCREW **(3)**.

- Push INDEX CAP **(4)** in hole of METAL CROSS **(6)** or PORCELAIN CROSS **(7).**

WASHER (PORCELIAN CROSS HANDLE ONLY)
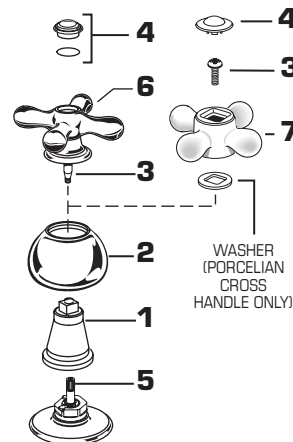
11 TEST INSTALLED FITTING

- With HANDLES **(1)** in OFF position, turn on WATER SUPPLIES **(2)** and check all connections for leaks. ➡

- Remove AERATOR **(3)**.

- Operate both HANDLES **(1)** to flush water lines thoroughly.

- Replace AERATOR **(3)**.
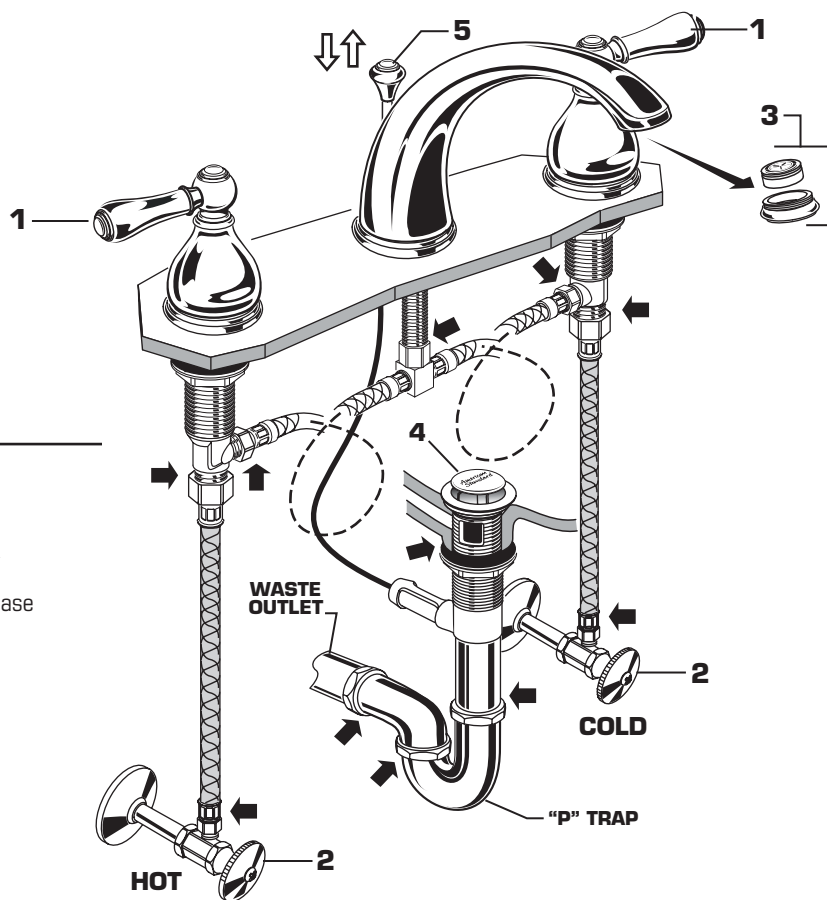
12 CHECK DRAIN CONNECTIONS

- Operate POP-UP KNOB **(5)** and fill Sink with water. Check that DRAIN STOPPER **(4)** makes a good seal and retains water in Sink. If STOPPER **(4)** does not seal properly, please refer to "Troubleshooting Guide" in these instructions.

- Release POP-UP KNOB **(5)** down and check all drain connections and **"P"** trap for leaks. Tighten ➡ if necessary.

WASTE OUTLET

COLD

"P" TRAP

HOT

13 CARE INSTRUCTIONS:

DO: SIMPLY RINSE THE PRODUCT CLEAN WITH CLEAR WATER.DRY WITH A SOFT COTTON FLANNEL CLOTH.

DO NOT: DO NOT CLEAN THE PRODUCT WITH SOAPS, ACID, POLISH, ABRASIVES, HARSH CLEANERS, OR A CLOTH WITH A COARSE SURFACE.

14 SERVICE

- To change direction of handle rotation, proceed as follows:
  - Turn valve to OFF position.
  - Remove IINDEX **(1)** and HANDLE SCREW **(2)**.
  - Pull HANDLE **(3)** off.
  - Remove ADAPTER **(4)**.
  - Remove SPRING CLIP **(5)**.
  - Lift STOP WASHER **(6)**, turn 90° and replace.
  - Replace SPRING CLIP **(5)**. Replace ADAPTER **(4)**, HANDLE **(2)**, SCREW **(2)**, and INDEX **(1)**.

- If spout drips, operate handles several times from OFF to ON position. Do not force - handles turn only 90°.

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4
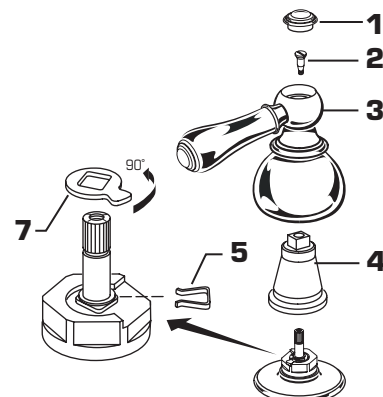
Speed Connect™ Drain
Troubleshooting Guide

If sink does not hold water even though Stopper is in the "down" position:
   • Follow CABLE ADJUSTMENT PROCEDURE.

If Stopper does not raise up fully or sink drains too slowly:
   • Follow CABLE ADJUSTMENT PROCEDURE.

If you need to remove the Stopper:
   • Follow STOPPER REMOVAL PROCEDURE.

If you would like the ability to remove your Stopper simply by lifting it out of the drain:
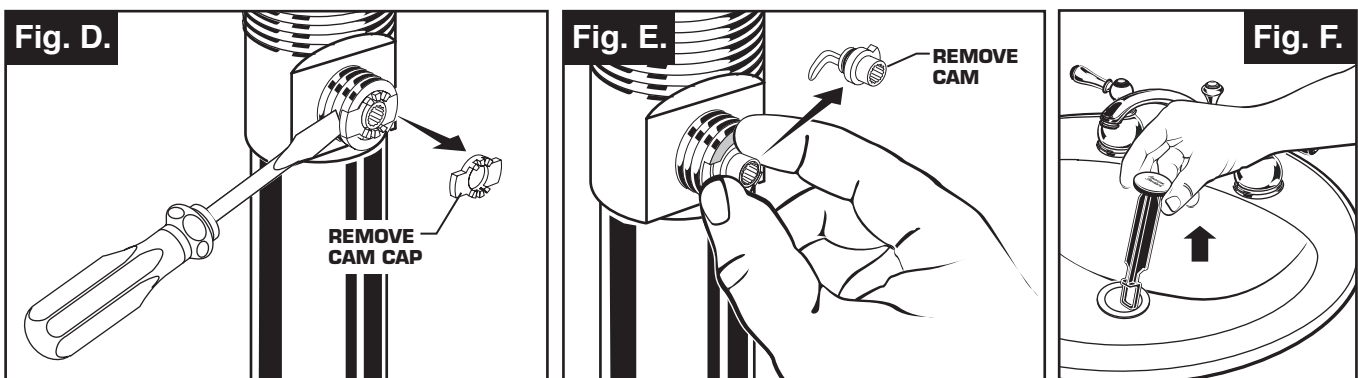   • Follow STOPPER INSTALLATION PROCEDURE for **"Unlocked" mode**.

CABLE ADJUSTMENT PROCEDURE

■ Disconnect the Cable from the Drain by threading the Cable Connector **(1)** counter-clockwise. **Fig. A.**

■ Look at the area on the Drain Body where the Cable was attached and locate the component labeled as "Cam" in the illustration. **Fig. B.**

■ Use a small screwdriver to rotate the Cam in the clockwise direction as far as it will go. At this point the Stopper should be in the UP position. **Fig. B, C.**

■ Push DOWN on the Lift-Knob to make sure it is fully down. **Fig. C.**

■ Re-attach the Cable to the Drain Body Connection **(2)** by threading the Cable Connector **(1)** clockwise onto the Drain Body Connection **(2)** and hand-tighten. **Fig. A.**

Fig. A. RE-ATTACH / DISCONNECT / 1 / 2

Fig. B. CAM / CAM CAP

Fig. C. DOWN / 1 / STOPPER
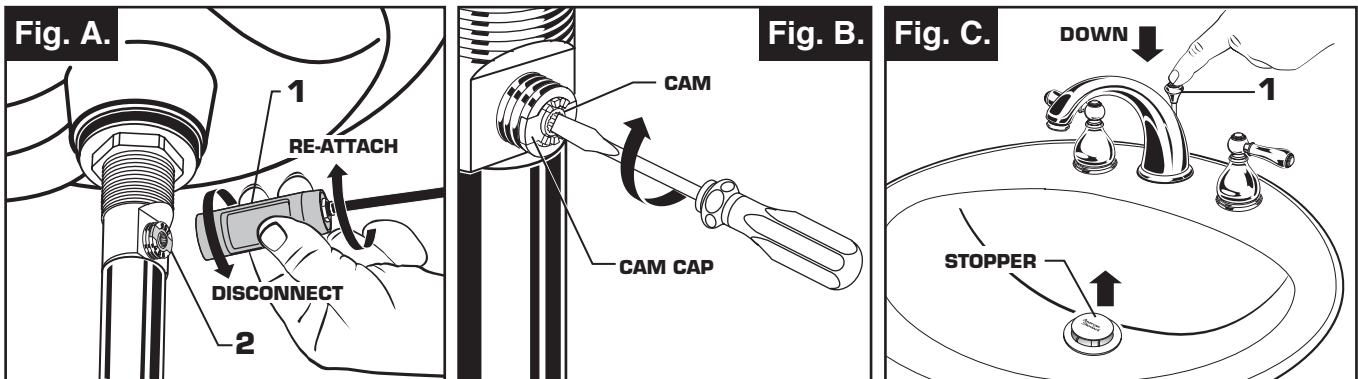
STOPPER REMOVAL PROCEDURE

■ Disconnect the Cable from the Drain by threading the Cable Connector **(1)** counter-clockwise. **Fig. A.**

■ Look at the area on the Drain Body where the Cable was attached and locate the component labeled as "Cam" and "Cam Cap" in the illustration. **Fig. B.**

■ Use fingers or small screwdriver under either side of the Cam Cap to pry it out from the Drain. **Fig. D.**

■ Remove the Cam by pulling it straight out while wiggling gently to loosen the Rubber Seal. **Fig. E.**

■ The Stopper can now be removed by lifting it out of the Drain. **Fig. F.**

Fig. D. REMOVE CAM CAP

Fig. E. REMOVE CAM

Fig. F.

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STOPPER INSTALLATION PROCEDURE

The Stopper can be installed two ways, "Locked" Mode (Stopper cannot be removed) or "Unlock" Mode (Stopper is removable).
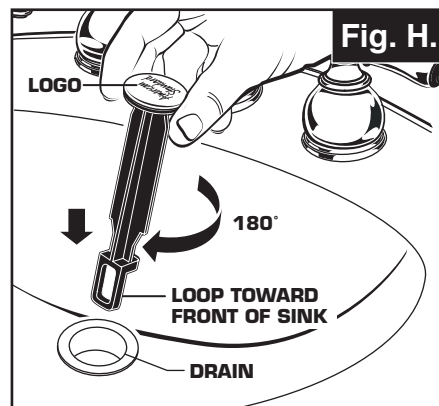
Locked Mode:
- Look at the Plastic Loop at the bottom of the Stopper and notice that the Loop is on one side of the Stopper. **Fig. G.**

- To install the stopper in *"Locked"* mode, insert the Stopper into the Drain so that the Plastic Loop is facing toward the **rear** of the Sink and the American Standard logo is facing **front**. Rotate Stopper slightly if necessary so that the Stopper slides all the way down.**Fig. G.**

- Re-install the Cam into the Drain, rotating the Cam if necessary to make sure it is fully inserted. **Fig. J.**

- Re-install the Cam Cap, making sure the guide teeth are facing outward. If the Cam Cap does not "snap" into place, then rotate the Cam to make sure it is fully inserted. **Fig. K.**

- Re-attach Cable. See "CABLE ADJUSTMENT PROCEDURE" in Troubling Shooting Guide to complete installation. Stopper will be in *"Locked"* mode and not be removable.

Fig. G.

LOGO

LOOP TOWARD REAR OF SINK
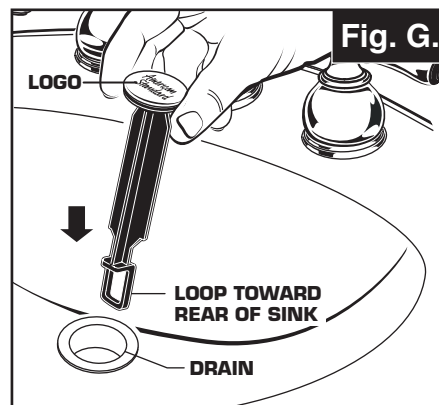
DRAIN

**Locked Mode
(Vandal Proof)**

Unlocked Mode:
- Look at the Plastic Loop at the bottom of the Stopper and notice that the Loop is on one side of the Stopper. **Fig. H.**

- To install the stopper in *"Unlocked"* mode, insert the Stopper into the Drain so that the Plastic Loop is facing toward the **front** of the Sink and the American Standard logo is facing **rear**. Rotate Stopper slightly if necessary so that the Stopper slides all the way down. **Fig. H.**

- Re-install the Cam into the Drain, rotating the Cam if necessary to make sure it is fully inserted. **Fig. J.**

- Re-install the Cam Cap, making sure the guide teeth are facing outward. If the Cam Cap does not "snap" into place, then rotate the Cam to make sure it is fully inserted. **Fig. K.**

- Re-attach Cable. See "CABLE ADJUSTMENT PROCEDURE" in "Troublingshooting Guide" to complete installation. Stopper will be in *"Unlocked"* mode and removable.

Fig. H.

LOGO

180°

LOOP TOWARD FRONT OF SINK

DRAIN

Unlocked Mode

Fig. J.

INSTALL CAM

Fig. K.

CAM

INSTALL CAM CAP