RECOMMENDED TOOLS AND MATERIALS

- Putty Knife
- Regular Screwdriver
- Adjustable Wrench
- Sealant
- Tape Measure
- Hacksaw
- Wax Ring/Gasket
- Flexible Supply Tube
- Closet Bolts
- Carpenters Level

1. REMOVE OLD TOILET
   a. Close toilet supply valve and flush tank completely. Towel or sponge remaining water from tank and bowl.
   b. Disconnect and remove supply line. NOTE: If replacing valve, first shut off main water supply!
   c. Remove old mounting hardware, remove toilet and plug floor waste opening to prevent escaping sewer gases.
   d. Remove closet bolts from flange and clean away old wax, putty, etc. from base area.

   NOTE: Mounting surface must be clean and level before new toilet is installed!

2. ROUGHING-IN

   NOTE: Distance from wall to closet flange centerline must be as listed below:

   IMPORTANT: Water supply on the wall is required at 2-1/4" or 8" from centerline of the toilet (see rough-in).
   First suggested position is hidden behind the toilet. The geometry of the toilet gives space for this installation.
   The second suggested position is next to the toilet. Between these two positions, the space for the supply between wall and toilet is limited to 4-1/2". In this case, check your supply and hose dimensions.

   - 2-1/4" (57mm)
   - 28-1/4" (717mm)
   - 8-3/4" (221mm)
   - 30-1/4" (768mm)
   - 5-1/2" (140mm)
   - 5-1/2" (140mm) CENTERS
   - 14" (356mm)
   - 15-3/4" (399mm)
   - 16-1/2" (419mm)
   - 30-7/8" (784mm)
   - 3-1/8" (81mm)
   - 2-5/8" (67mm)
   - 12" (305mm)
   - 12-3/16" (309mm)
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   BACK VIEW

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   7301692-100 Rev. C
WARNING: Overtightening of water supply line nuts could result in breakage and potential flooding. If the connection leaks after hand tightening, replace the supply line. Do not use any type of sealant on the water supply connection.

Use of plumber’s putty, pipe dope, or any other type of sealant will void the warranty.

For seat installation, see instructions included with seat.

TIP: Place 2 pieces of masking tape on floor (as shown) to help with alignment in step 6.

Hand Tighten Only. Do Not Overtighten.

Apply weight evenly. Do not move after placement. Water tight seal may break.

Thread, then hand tighten water supply.

Tighten handles alternately until tank contacts bowl. HAND TIGHTEN ONLY!
13 FLUSH PUSH BUTTONS

- The large flush button should line up over the white actuator on the flush tower in the tank.
- The small flush button should line up over the gray actuator on the flush tower in the tank.
- Pressing both buttons at once will result in a short flush.

TIPS:
With the lid removed, directly press the flush button in the tank to confirm that the toilet is working properly. If not, follow troubleshooting guide.

1. Install Threaded Rods into holes in bottom of push buttons approximately 1/2" (12mm).
2. Lightly snug Locking Nut.
3. Place Lid on Tank.
4. Push Button to test flush. If more stroke is needed, loosen Locknut and turn Threaded Rod counterclockwise one (1) turn.
5. Replace Lid. Repeat until flush action is achieved.
6. If Valve stays open, turn Threaded Rod clockwise one (1) turn and lightly snug Locknut.

14 CARE AND CLEANING

When cleaning your toilet, wash it with mild, soapy water, rinse thoroughly with clear water and dry with a soft cloth. Avoid detergents, disinfectants, or cleaning products in aerosol cans. NEVER use abrasive scouring powders or abrasive pads on your toilet seat. Some bathroom chemicals and cosmetics may damage the seat’s finish.

WARNING: Do not use in-tank cleaners. Products containing chlorine (calcium hypochlorite) can seriously damage fittings in the tank. This damage can cause leakage and property damage.
American Standard shall not be responsible or liable for any tank fitting damage caused by the use of cleaners containing chlorine (calcium hypochlorite).
NOTE: Pictures are representative and may not exactly depict the flush valve.

IMPORTANT: Always clear sand and rust from system.
- Make sure water supply is off. Remove valve TOP by lifting arm and rotating top and arm 1/8 turn counterclockwise, pressing down slightly on cap.
- While holding a container over the uncapped VALVE to prevent splashing, turn water supply on and off a few times. Leave water supply off.
- Replace TOP by engaging lugs and rotating 1/8 turn clockwise. MAKE CERTAIN TIP IS TURNED TO THE LOCKED POSITION. VALVE MAY NOT TURN ON IF TOP IS NOT FULLY TURNED TO THE LOCKED POSITION.

NOTE: “XXX” represents color or trim finish options. Specify when ordering.

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>BOWL NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>738168-XXX</td>
<td>TANK COVER</td>
<td>✔</td>
</tr>
<tr>
<td>7301540-200.XXX0A</td>
<td>BOLT CAP KIT</td>
<td>✔</td>
</tr>
<tr>
<td>738565-457.0070A</td>
<td>FLUIDMASTER INLET VALVE</td>
<td>✔</td>
</tr>
<tr>
<td>7381205-400.0070A</td>
<td>DUAL FLUSH VALVE ASSEMBLY</td>
<td>✔</td>
</tr>
<tr>
<td>7381213-200.0070A</td>
<td>FLUSH VALVE SEAL</td>
<td>✔</td>
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<tr>
<td>7381147-200.0070A</td>
<td>EZ TANK COUPLING KIT</td>
<td>✔</td>
</tr>
<tr>
<td>7381203-201.0070A</td>
<td>PUSH BUTTON ASSEMBLY</td>
<td>✔</td>
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<tr>
<td>738570-1040A</td>
<td>REFILL TUBE</td>
<td>✔</td>
</tr>
<tr>
<td>5121.110.XXX</td>
<td>SEAT ROUND FRONT</td>
<td>✔</td>
</tr>
<tr>
<td>5218.110.XXX</td>
<td>SEAT ELONGATED</td>
<td>✔</td>
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TROUBLESHOOTING GUIDE

<table>
<thead>
<tr>
<th>PROBLEM</th>
<th>POSSIBLE CAUSE</th>
<th>CORRECTIVE ACTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Does not flush</td>
<td>a. Water supply valve closed.</td>
<td>a. Open valve and allow water to fill tank.</td>
</tr>
<tr>
<td></td>
<td>b. Water supply line blocked.</td>
<td>b. Shut off water supply, disconnect supply line and inspect all gaskets and washers. Reassemble.</td>
</tr>
<tr>
<td></td>
<td>c. Sand or debris lodged in water control.</td>
<td>c. See Fluidmaster maintenance. (see Step 15)</td>
</tr>
<tr>
<td>Poor or sluggish flush</td>
<td>a. Tank water too low.</td>
<td>a. Check that the water level is set to the mark inside the tank.</td>
</tr>
<tr>
<td></td>
<td>b. Bowl water too low.</td>
<td>b. Check that the refill tube is connected to the water control and flush valve port. Adjust refill float down until bowl water is restored. (see Step 11)</td>
</tr>
<tr>
<td></td>
<td>c. Water supply valve partly closed.</td>
<td>c. Open water supply valve fully. Be sure that proper supply tube size is used.</td>
</tr>
<tr>
<td></td>
<td>d. Partially clogged trapway and/or drain pipe and/or vent.</td>
<td>d. Remove obstruction. Consult a plumber if necessary.</td>
</tr>
<tr>
<td></td>
<td>e. Supply pressure too low.</td>
<td>e. Minimum water supply pressure - 20psi. Wait for tank to refill.</td>
</tr>
<tr>
<td>Toilet leaks</td>
<td>a. Poor supply line connection.</td>
<td>a. Review Step 9.</td>
</tr>
<tr>
<td>Toilet does not shut off</td>
<td>a. Flush valve seal leaking or deformed.</td>
<td>a. Clean debris from seal surface. Replace flush valve seal as needed.</td>
</tr>
<tr>
<td></td>
<td>b. Sand or debris lodged in water control.</td>
<td>b. See Step 15 Fluidmaster maintenance.</td>
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<tr>
<td></td>
<td>c. Water level set too high.</td>
<td>c. Set water level to mark on back of tank.</td>
</tr>
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