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 DIMENSIONS:
   NOTE: Distance from wall to closet flange centerline must be as listed below:
   A = 12" (305mm)

3 INSTALL CLOSET BOLTS
   Install closet bolts in flange channel and slide into place parallel to wall.

4 INSTALL WAX SEAL
   Invert toilet on floor (cushion to prevent damage), and install wax ring evenly around waste flange (horn), with tapered end of ring facing toilet. Apply a thin bead of sealant around toilet base.

5 POSITION TOILET ON FLANGE
   a. Unplug floor waste opening and install toilet on closet flange so bolts project through mounting holes.
   b. Loosely install retainer washers and nuts. Side of washers marked "THIS SIDE UP" must face up!

Thank you for selecting American Standard – the benchmark of fine quality for over 100 years. To ensure this product is installed properly, please read these instructions carefully before you begin. (Certain installations may require professional help.) Also be sure your installation conforms to local codes.

CAUTION: PRODUCT IS FRAGILE. TO AVOID BREAKAGE AND POSSIBLE INJURY HANDLE WITH CARE!

NOTE: Pictures may not exactly define contour of china and components.
INSTALL TOILET

a. Position toilet squarely to wall and, with a rocking motion, press bowl down fully on wax ring and flange. Alternately tighten nuts until toilet is firmly seated on floor.

**CAUTION:**
DO NOT OVERTIGHTEN NUTS OR BASE MAY BE DAMAGED!

b. Install caps on washers. (If necessary, cut bolt height to size before installing caps.)

c. Smooth off the bead of sealant around base. Remove excess sealant.

INSTALL TANK

a. Insert rubber grommets through holes in the tank then insert bolts through holes in the grommets.
b. Install large rubber gasket over threaded outlet on bottom of tank and lower tank onto bowl so that tapered end of gasket fits evenly into bowl water inlet opening.
c. With tank parallel to wall, alternately tighten nuts until tank is snugged down evenly against bowl surface.

**CAUTION:**
DO NOT OVERTIGHTEN NUTS MORE THAN REQUIRED FOR A SNUG FIT!

INSTALL TOILET SEAT

Install toilet seat in accordance with manufacturer's directions.

9a

Before continuing, determine the type of water supply connection you have from the chart below and use the appropriate assembly parts required to properly reconnect the water supply.

**CAUTION:**
Do not use plumber's putty, pipe dope, or any other sealant on the water supply connection to this tank. If the connection leaks after hand tightening, replace the supply line. If the connection continues to leak with the new supply line, replace the fill valve. Warranty is void if any type of sealant is used on the water supply connection.
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).
REPAIR PARTS LIST

Repair parts are determined by toilet tank number which can be found marked inside tank.

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

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>735138-400-XXX</td>
<td>TANK COVER</td>
<td>4349.216</td>
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<tr>
<td>7381092-200.XXX0A</td>
<td>RECTANGLE PUSH BUTTON</td>
<td>4348.216</td>
</tr>
<tr>
<td>7381091-400.0070A</td>
<td>DUAL FLUSH VALVE</td>
<td>4339.216</td>
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<td>7381091-401.0070A</td>
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<td>FLUIDMASTER BASE VALVE 12&quot;</td>
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<tr>
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<td>REFILL TUBE</td>
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<td>FLUSH VALVE SILICONE SEAL</td>
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<tr>
<td>034783-XXX0A</td>
<td>BOLT COUPLING KIT</td>
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TROUBLESHOOTING

IF FILL VALVE SHUTS OFF BUT CONTINUES TO LEAK SLOWLY, repeat Step 13.

IF FILL VALVE TURNS OFF AND ON DURING PERIODS OF NON-USE, it is a signal you are wasting water because:

• The end of the refill tube is inserted into overflow pipe, below water level in tank. Attach refill tube to overflow pipe using "S" clip provided.

• The flush valve is leaking because it’s worn, dirty or misaligned with tank ball or flapper (replace with a new flapper).

IF FILL VALVE WON’T TURN ON OR SHUT OFF OR REFILL OF TANK WATER IS SLOW after valve has been in use for some time, Fluidmaster Model 242 Replacement Seal may be needed.

Go to our website at www.fluidmaster.com for more solutions to toilet problems.

For troubleshooting information please contact:

Fluidmaster, Inc.
30800 Rancho Viejo Road
San Juan Capistrano, CA 92675
(949) 728-2000  (800) 631-2011
www.fluidmaster.com

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Always use quality Fluidmaster repair parts when maintaining your Fluidmaster products. Fluidmaster shall not be responsible or liable for any damages caused by products used with Fluidmaster valves that were not manufactured by Fluidmaster, Inc.

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