

# Installation Checklist

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## Information

1. Drawings / dimensions for rough in.
2. Drawing for wall coverings
3. Latest copy of Install manual, Operational Instructions.

## Hardware

### *Customer Owned Hardware*

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1. Hardware Kit #1 (HK0001 - Outside Frame Hardware Kit)		Qty.
a. F-1129772 or H-40192	Screw, Wood, Flathead, 1/4 x 3", 82deg	3
b. F-33891	Washer, Lock, Split, 1/4", Medium	10
c. F-1122067	Screw, Hex, Lag, 1/4" x 3-1/2", Zinc	10
d. F-110150177	#10-13 x 4" wood screw	6
2. Hardware Kit #5 (HK0005) - Cover Plate Kit		
a. F-0169574	Nut, Hex, Jam, 1/2-20, Grade 5, Yellow Zinc	12
b. F-33817	Washer, Flat, 1/2", Hardened, SAE, Yellow Zinc	2
c. F-1133895 or H-300315	Washer, Lock, 1/2", Hardened, SAE, Yellow Zinc	2
3. Hardware Kit #8 (HK0008) - Drain Mounting Kit		
a. F-1133815	Washer, Flat, 3/8" hardened	4
b. F-1133893	Washer, Lock, Split, 3/8 x 0.094	4
c. F-95108	Bolt, Hex, 3/8-16 x 1-3/8, Grade 5, Yellow Zinc	4
4. Remaining parts of Hardware Kit #11 (HK0011) - Safety System Kit		
a. F-72468	Screw, Pan Head, 2-56 x 3/4, SS, Ph	2
b. F-71051	Washer, Split, #2	2
c. F-0171976	Washer, Flat, #10 x 1/2 x 0.063, SS	1
d. F-0177467	Washer, Lock, #10, SS	1
e. F-10064-12133 or M-91746A358	Screw, Thumb, 10-32 x 3/8, SS	1
f. F-0178027	Washer, Flat, #10, Small OD, SS	1
g. F-78001	Washer, Flat, #2, SS	2
5. Hardware Kit #12 (HK0012) - Stool Kit		
a. F-0169793	Nut, Hex, Lock, 1/2-20, Grade 5, Yellow Zinc	2
b. F-0483233	Proflex 3000-33 rubber/SS adaptor	1

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6. Cover plate (Safety system, Warren Lift nametag and tape installed)
7. Safety Ring
8. 217.713.11.1 - Stool mounting hardware (white caps, white washers, metal washers)
9. Stool mounting pipe kit (Drain and feed)
  - a. 152.404.11.1 (this is short (standard) length with white caps (#8 above))
  - b. 152.438.46.1 – long length pipe kit with wrong caps (silver) – the current catalog calls for the standard length kit (with wrong caps) to come with a tank, but the last 3 we got were this extended type. So it will depend on what we get with the tanks and what length we actually need for install.
10. Remaining parts of 115.942.11.1 Flush controls kit
  - a. Plastic conduit
  - b. Modified Mounting box with foam insert
  - c. Mounting template
  - d. Flush buttons
  - e. Mounting ring with screws (for box above)
11. LFSP30-88 – 60” Water Supply Line
12. A1007 – MikeWay Precision Drain
13. A1022 - Plumbers Support Clamp

## *Support Hardware*

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|---|------|
| 1. Hardware Kit #22 (HK0022) - Installer - Stool Kit                                  | Qty. |
| a. F-0169574      Nut, Hex, Jam, 1/2-20, Grade 5, Yellow Zinc Plated                  | 2    |
| 2. Lubritherm hydraulic oil, partial container used to fill unit and one full bottle. |      |
| 3. 6 yellow wire nuts for electrical install  |      |
| 4. One 1/2” Romex/flex conduit connector.   |      |
| 5. Extra 2-56 screws and hardware   | Qty. |
| a. F-72468                      Screw, Pan Head, 2-56 x 3/4, SS, Ph                   | 2    |
| b. F-71051                      Washer, Split, #2                                     | 2    |
| c. F-78001                      Washer, Flat, #2, SS                                  | 4    |
| 6. Low voltage switch mount.  |      |
| 7. Up/down switch with screws   |      |
| 8. White switch plate   |      |

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9. Extra double hose (for flush valves)
10. Extra housing and front Bessel (for flush valves)
11. Teflon VBX Tape for Cover Plate install
12. Short bolts for drain
13. Extra-large ½" flat washers
14. At least six 1" to 1-1/2" sheetrock screws for mounting Plumbers Support Clamp
15. Extra Flush controls
16. Extra Warren Lift nametags
17. Large and small wire ties (production)
18. Wire ties with screw hole.
19. Wire tie mounts (production)
20. Extra kits, HK-0005, WL2-HK004, WL2-HK005, WL2-HK006
21. Spare fuses (production)
22. 4 spare 10-32 lock nuts for cylinder (hydraulic units) – only use once

## Tools

1. Socket, wrench and ratchet for Rubber/stainless drain clamp (stool)
2. A1044 Guides (Spacer Tools) for Frame positioning. (4 pieces)
3. At least six 1" to 1-1/2" sheetrock screws for mounting A1044 Guides.
4. Plumbers Grease
5. Wrenches to fit flex hose and brass fitting (maybe pipe wrench)
6. #1 and #2 Philips screwdrivers
7. Small, medium, and large flat screwdrivers
8. Green painters tape
9. Sharpie marker set
10. Levels, small and large
11. Squares, small and large
12. Tape measure
13. Sawzall with blades for both wood and ceramic
14. Drills and the following accessories:
  - a. 1/2" drill
  - b. drop cord
  - c. Cordless drill , extra battery and charger
  - d. Drill bits, both cases (# and fraction (red case)
  - e. Step bit
  - f. Screwdriver bits, flat, Philips (#1, #2, #3 if needed (check flathead wood screws in HK0001)), #25 torx
  - g. May need #3 square - check flathead wood screws in HK0001
  - h. Socket adaptor 1/4" and adaptor for 3/8".

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- i. Screwdriver handle for bits
- 15. Torx screwdrivers and bits for handle. Also handle for bits
- 16. Both 3/8" and 1/4" ratchets, adaptors, extensions (all)
  - a. 7/16" flex socket
  - b. 3/8" x 1/4" drive 'turned down' socket for cylinder mounting
  - c. 7/16" socket, deep and standard both 1/4" and 3/8" drive
  - d. 9/16" socket, deep and standard
  - e. 5/16 socket (1/4" drive) and wrench
  - f. 7/16" and 9/16" standard wrenches
  - g. 1-1/16" wrenches (for axel adjustments- if needed)
  - h. Two 3/4" wrenches
  - i. 3/4" socket, deep and regular – 3/8" drive
- 17. Both 1/4" and 3/8" torque wrenches
- 18. Adaptor 3/8" female to 1/4" male socket drive.
- 19. Hammer
- 20. Small clamps plastic and metal
- 21. Small mirror on flex handle
- 22. Flashlight with spare battery
- 23. Medium and large crescent wrench
- 24. Large fitting wrench
- 25. Scissors
- 26. Pliers, large and medium
- 27. Knife
- 28. Electrical meter (volts and ohms)
- 29. Electrical Plug/pigtail
- 30. Eye glasses
- 31. Special Allen wrench for cylinder mounting