

Installation

S19294HB

Barrier-Free Cabinet-Concealed Swing-Down
Eyewash with Tailpiece

S19294HBD

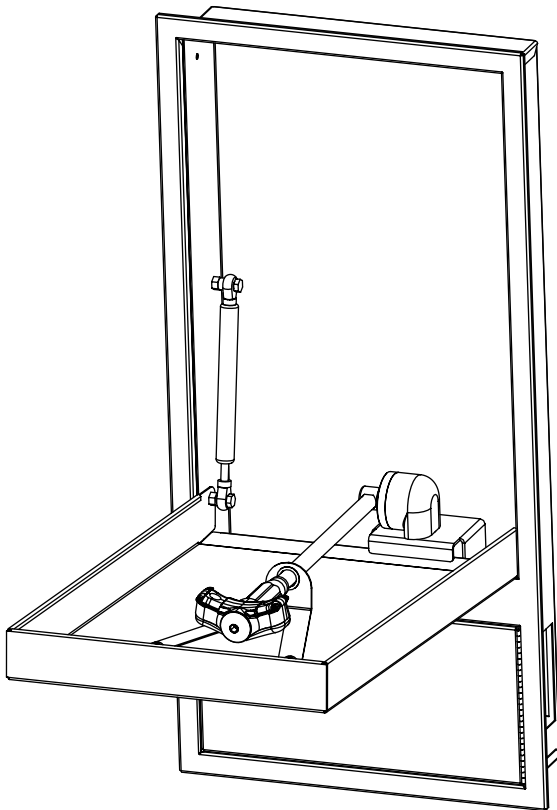
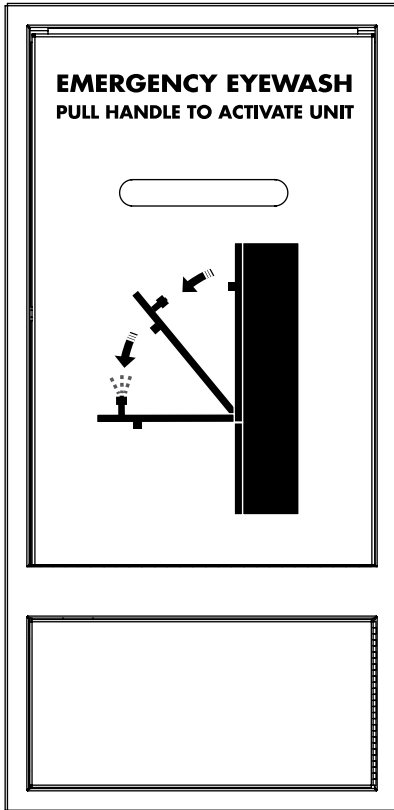
Barrier-Free Cabinet-Concealed Swing-Down
Eyewash with Daylight Drain

S19294HBT

Barrier-Free Cabinet-Concealed Swing-Down
Eyewash with P-trap

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WARNING

Flush the water supply lines before beginning installation and after installation is complete. Test the unit for leaks and adequate water flow. Main water supply to the eyewash should be "ON" at all times. Provisions shall be made to prevent unauthorized shutoff.

CAUTION

Emergency equipment must be supplied with tepid water (60°F to 100°F/15.6°C to 37.8°C). Any prolonged exposure to near freezing water affects the body's ability to maintain body temperature, increasing the risk of hypothermia.

NOTICE

Before installing this product, ensure that there are adequate clearances around the product and activation of the product does not interfere with other products or obstructions.

Avoid cleaners containing organic solvents, alcohols and hydrocarbons. Rinse with water after cleaning.

IMPORTANT

The installation and location of all safety drench showers, eye and eye/face washes must comply with the requirements of ANSI/ISEA Z358.1.

Read this installation manual completely to ensure proper installation, then file it with the owner or maintenance department. Compliance and conformity to drain requirements and other local codes and ordinances is the responsibility of the installer.

Separate parts from packaging and make sure all parts are accounted for before discarding any packaging material. If any parts are missing, do not begin installation until you obtain the missing parts.

The ANSI/ISEA Z358.1 standard requires an uninterrupted supply of flushing fluid. Bradley plumbed emergency fixtures require a minimum of 30 PSI (0.21MPa) flowing pressure.

Weekly activation must be conducted on all plumbed emergency equipment to ensure a suitable flushing fluid supply is present and any sediment build-up in the supply line is cleared. Emergency equipment should be inspected monthly to address any maintenance issues ensuring the equipment is in good operating condition and that there are no signs of wear.

Workers who may come in contact with potentially hazardous materials should be trained regarding the placement and proper operation of emergency equipment per ANSI/ISEA Z358.1.

For questions regarding the operation or installation of this product, visit www.bradleycorp.com or call 800-BRADLEY (272.3539).

Product warranties and parts information may also be found under "Products" on our web site at bradleycorp.com.

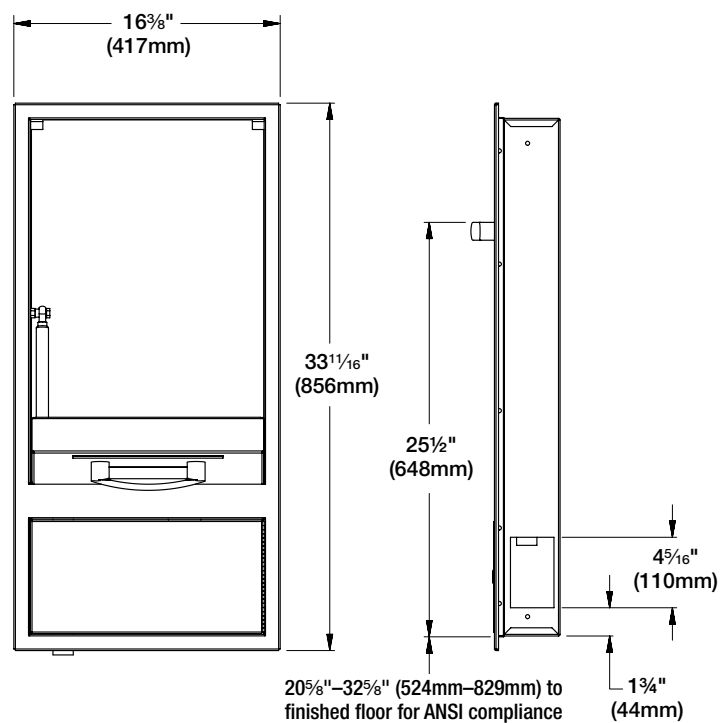
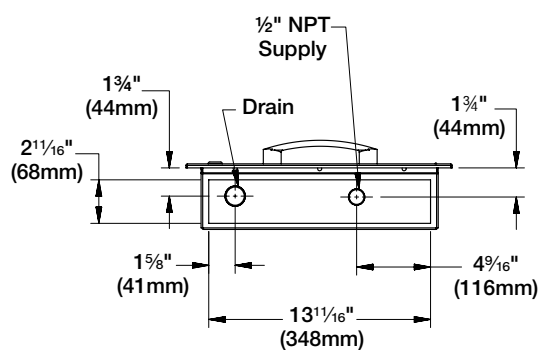
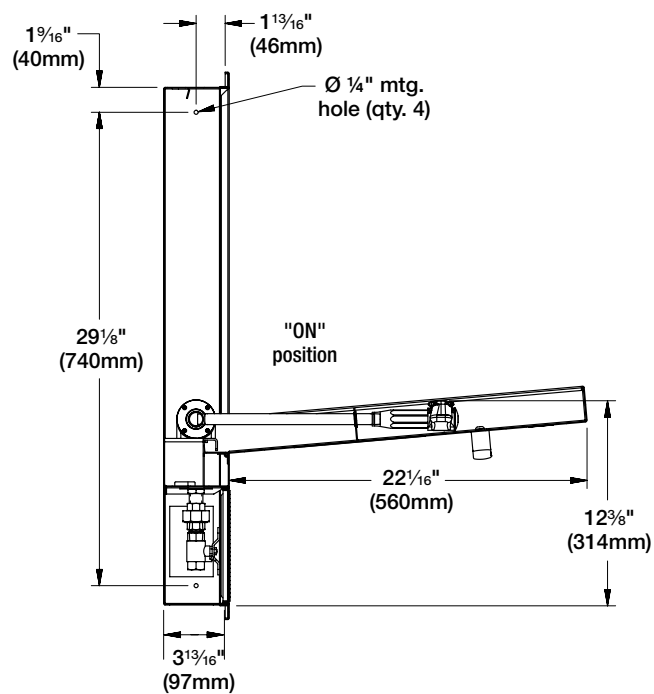
Supplies Required:

- Piping to ½" NPT water supply inlet on unit
- Bolts for cabinet mounting
- Pipe sealant
- Sign-mounting hardware



Local codes may require the installation of a backflow prevention valve to complete proper installation. Compliance with local codes is the responsibility of the installer. Valve must be tested annually to verify that it is functioning properly. Backflow prevention valves are not included with the fixture and may be supplied by the contractor or purchased from Bradley Corporation.

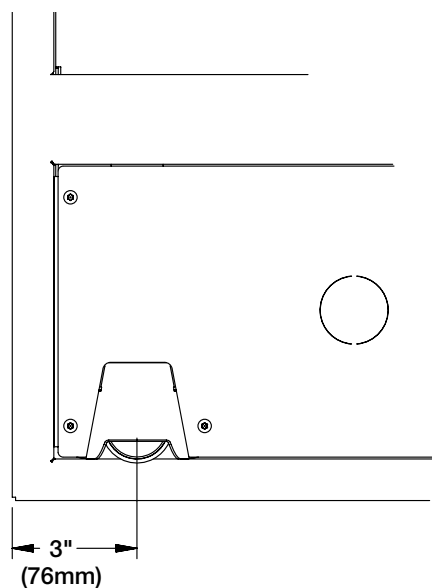
Dimensions



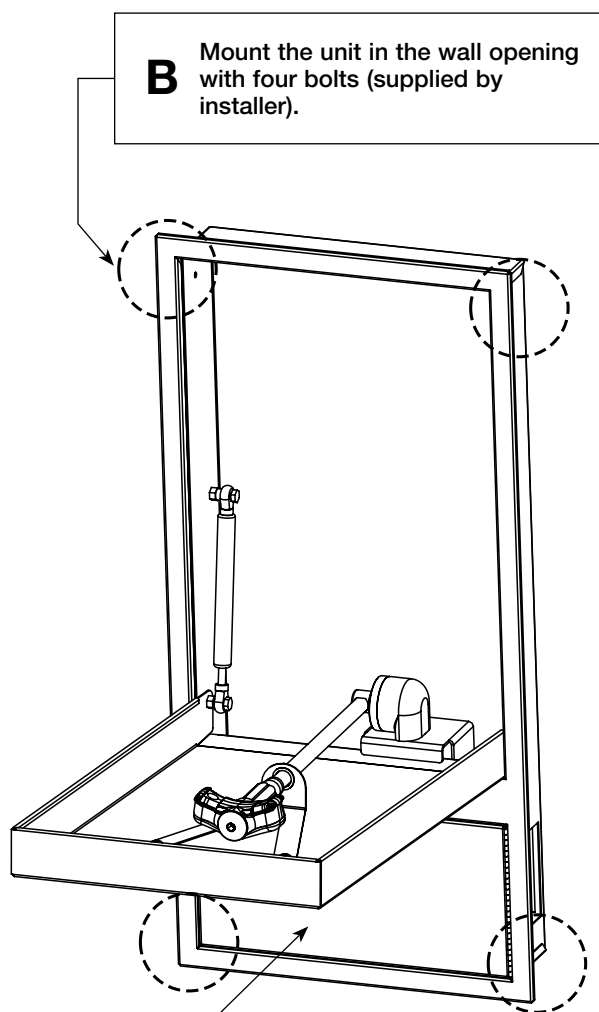
20⁵/₈"–32⁵/₈" (524mm–829mm) to finished floor for ANSI compliance

**20⁵/₈"-23⁵/₈" (524mm-600mm)
to finished floor for "barrier free"
compliance**

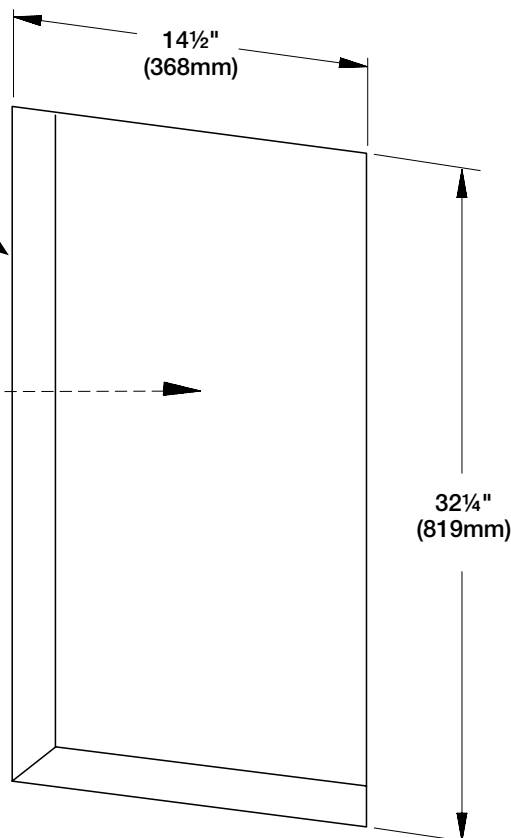
**Bradley recommends mounting at 20⁵/₈"
to accommodate the maximum number
of users**



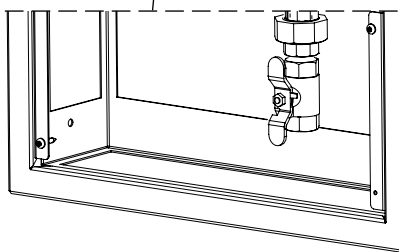
Installation



A Rough in the wall opening and the ½" NPT water supply.



C



With the cabinet door removed, connect the water supply.

Tailpiece: Connect the non-flanged end of the tailpiece to the drain pipe.

P-trap: Connect the top of the P-trap to the drain pipe. Adjust for side or rear drain according to your application.

Daylight Drain: Connect the non-flanged end of the tailpiece to the drain pipe. Connect the top of the Elbow to the tailpiece, align elbow with the drain hood on the cabinet door.

Connect the 1¼" waste line (supplied by installer) to the bottom of the tailpiece or P-trap.

D



E

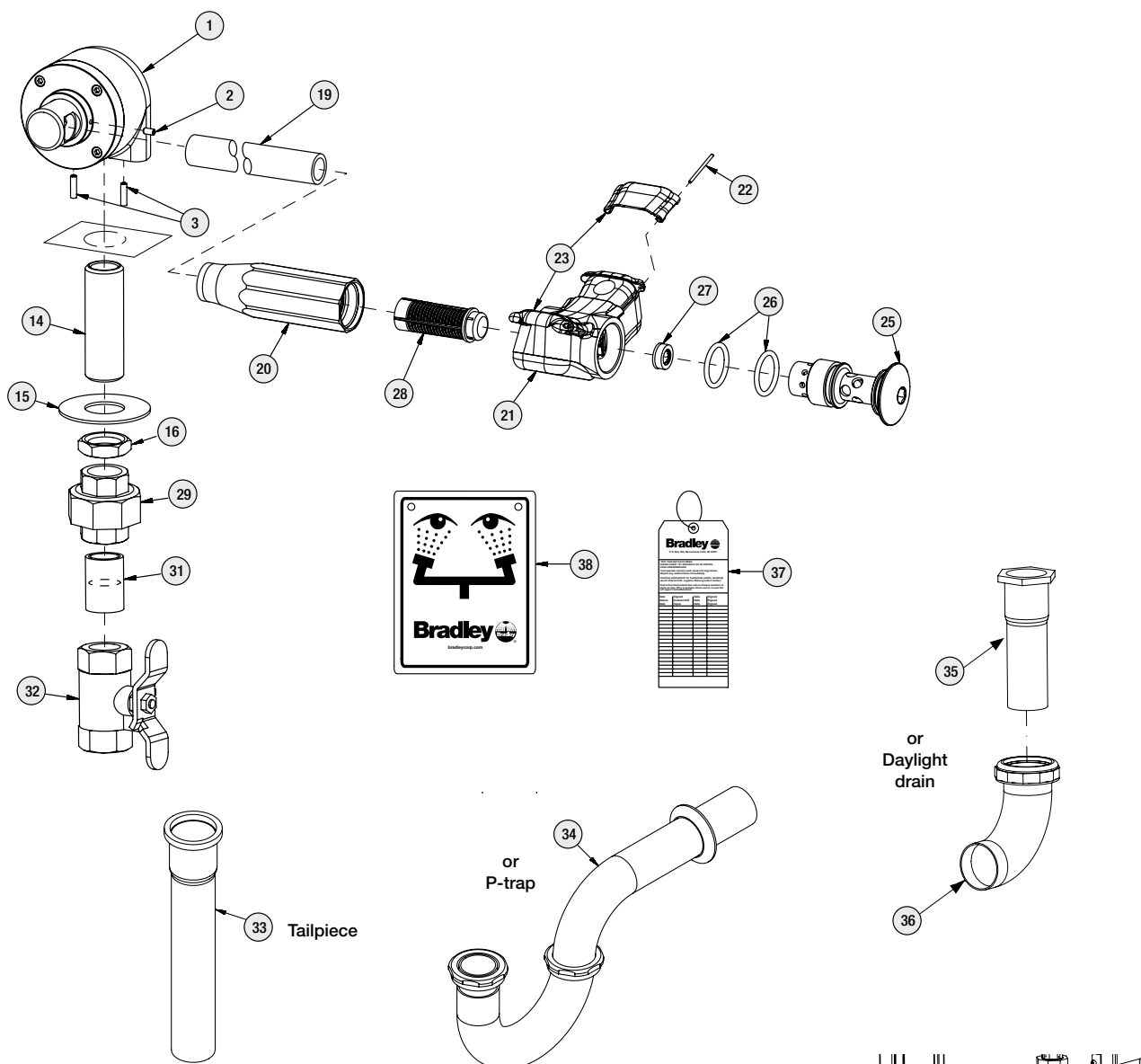
Slowly open the water supply lines to relieve air and pressurize the valve. Test the unit for leaks and adequate flow.

F

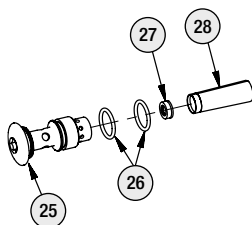
Reattach service door with 4 screws supplied with unit.

Assembly of Components — S19294HB, S19294HBD and S19294HBT

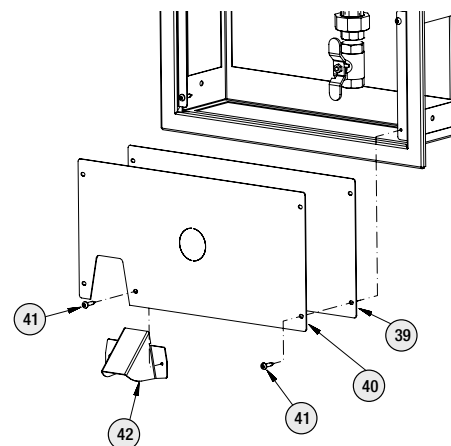
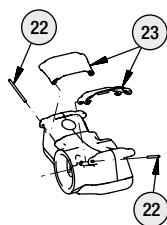
☒ Shown in the "ON" position.



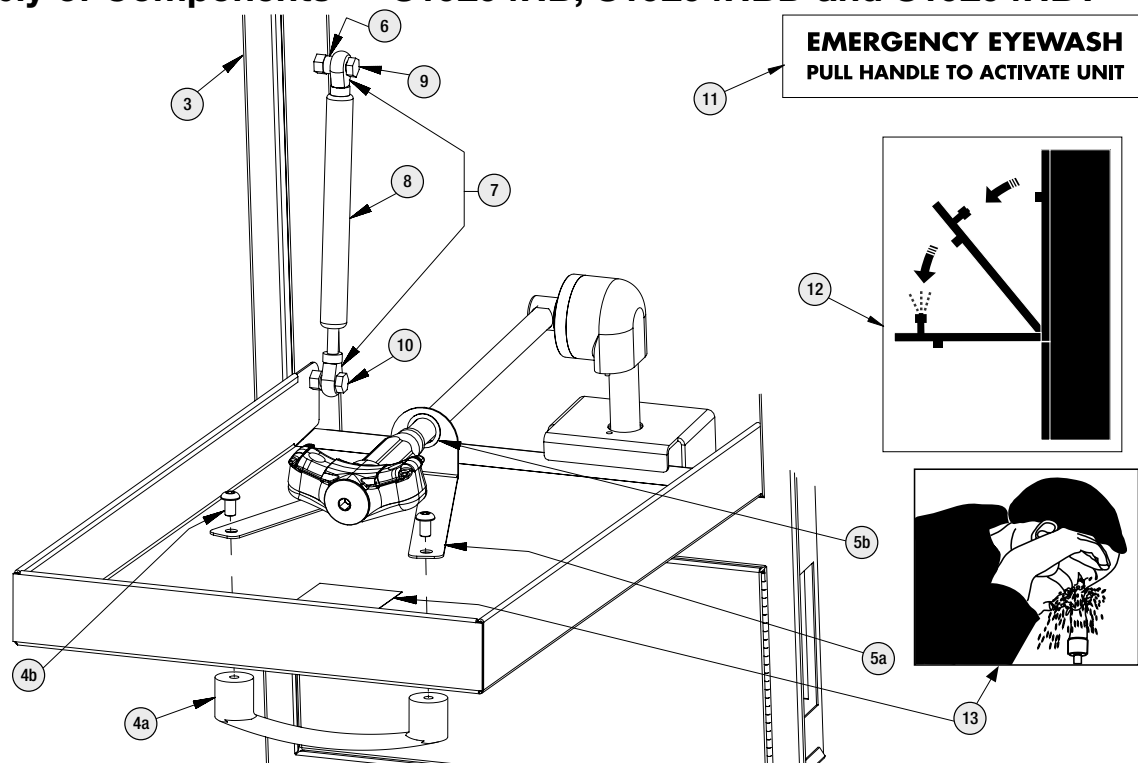
Prepack S65-339 includes items 26, 27, 28
Prepack S88-068 includes items 25, 26, 27, 28



Eyewash Cover Prepack
S45-2675 includes items
22 and 23



Assembly of Components — S19294HB, S19294HBD and S19294HBT



Parts List — S19294HB and S19294HBT

Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
1*	N/A	1	Valve not available for service; must replace with S39-805BF	21	S05-190	1	Sprayhead Ass'y Eyewash (includes)
2	160-473	1	Screw, Set 6-32 x 1/4	22	in service kit	2	Pivot Pin
3	160-474	2	Screw, Set 6-32 x 1/2	23	in service kit	2	Flip Cover, Eyewash
4a	128-171	1	Handle	25	115-158	1	Cap
4b	160-061	1	Screw	26	125-157	2	O-Ring
5a	140-1082	1	V-bracket	27	125-175	1	Flow Control
5b	269-2097	1	Bearing	28	S65-340	1	Screen (incl. 3 per pack)
6	182-118	1	Spacer	29	169-348	1	Union
7	269-1836	2	Rod End (eyelet)	31	113-006DH	1	Nipple, Close
8	269-1835	1	Gas Spring	32	S27-342	1	Stop Valve
9	160-264	1	Bolt, 5/16-18 x 1"	33	269-1830	1	Tailpiece (S19-294HB)
10	160-458	1	Bolt, 5/16-18 x 3/4"	34	269-142	1	P-trap, 1 1/4" (S19-294HBT)
11	204-602	1	Decal, Pull Down	35	111-147	1	Tailpiece (S19-294HBD)
12	204-603	1	Decal, Concealed Eyewash	36	111-146	1	Elbow (S19-294HBD)
13	204-665	1	Decal	37	204-421	1	Emergency Inspection Tag
14	113-1237	1	Shank, 1/2" x 2 1/2"	38	114-051	1	Safety Sign
15	142-002CB	1	Washer, Flat 7/8" x 2"	39	186-2301	1	Door
16	110-115	1	Nut, Brass 1/2"-14 NPSM	40	186-2302	1	Door Daylight Drain
19	113-1230	1	Pipe, 3/8" x 11 1/4" Chrome Red Brass	41	160-457	4	Screw
20	171-006	1	Body, Mount 3/8" NPT Female	42	140-1310	1	Daylight Drain Cover

* S39-805BF includes Items 1, 2, 13, 14, 16, 19, 20, 21 (less flip covers and pivot pins), 25, 26, 27, 28. The sprayhead assembly in this kit does not include flip covers. Therefore, Service Kit S45-2675 must be ordered separately.