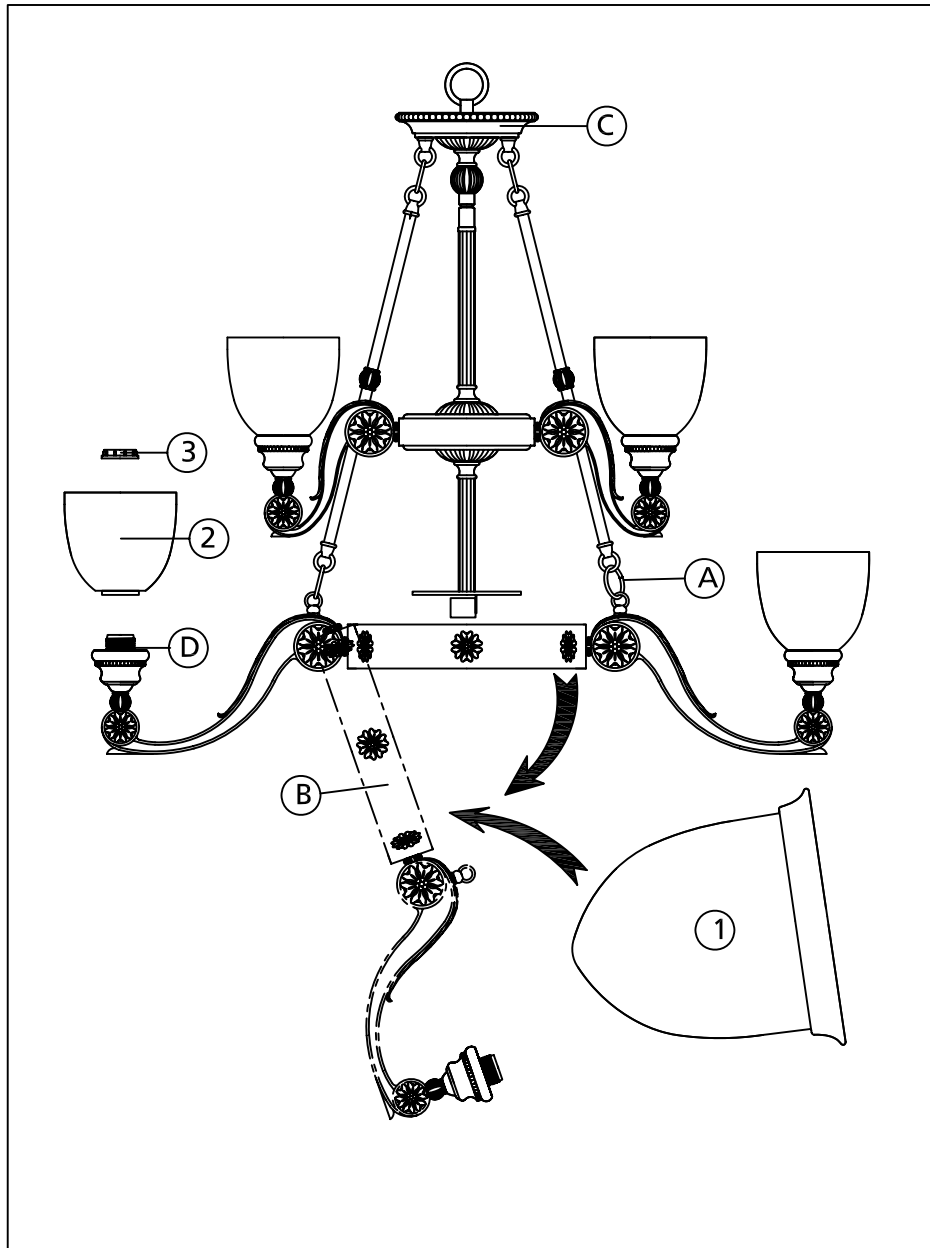




Assembly instructions for 4559 in FP and BB



*** the assembly of this fixture will be accomplished by first, installing the mounting strap to the ceiling, making all necessary electrical connections, hanging the fixture, and then installing the glass.

No assembly of the fixture body is required it is completely assembled when it is removed from the box. It is strongly recommended that you hang the fixture prior to installing the glass.

Please follow instruction sheet IS19-50 provided, or have a heavy duty junction box installed in your ceiling by a qualified electrician. Instruction sheet IS18 is provided for wiring.

Glass installation:

lamping of lower center socket cluster should be done prior to installing the lower glass.

Step 1

After fixture is hung it is recommended that the center bowl glass be installed. This is accomplished by opening one of the 3 chain links (A) that attach the lower ring (B) to the secondary canopy (C).

Step 2

Unhook the lower ring (B) at this point and tilt it down. Now slip the glass (1) onto the ring.

Step 3

Tilt the ring (B) back up and re-hook the chain link (A).

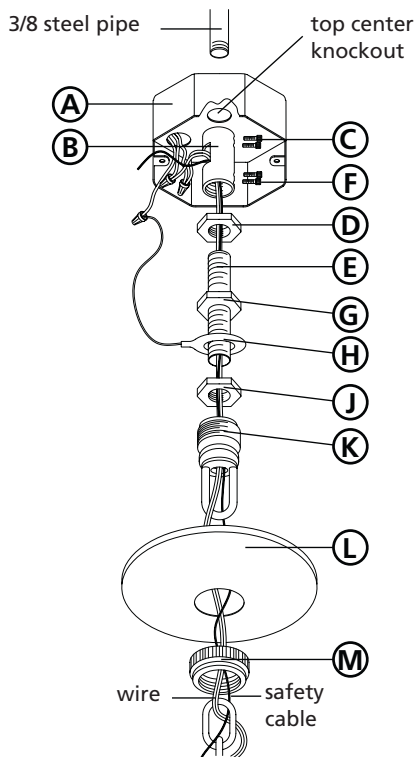
Step 4

To attach remaining glass (2) remove socket ring (3) from socket (D). Slip glass (2) over socket, and thread glass ring (3) back on to socket (D) to secure glass.

Fixture can now be lamped accordingly.

Hanging instructions for fixtures that weight more than 50lbs

Drawing 1 - Fixture Assembly



1

1. Shut off electrical current before starting. If the fixture you are replacing is turned on and off by a wall switch, simply turn the switch off. If not, remove the appropriate fuse (or open the circuit breakers) until the fixture is dead.

• **DO NOT RESTORE CURRENT - EITHER BY FUSE, BREAKER, OR SWITCH - UNTIL THE NEW FIXTURE IS COMPLETELY WIRED AND IN PLACE.**

2. Supply wires shall enter the outlet box (A) through any knockout EXCEPT the top center knockout - see **Drawing 1**.

2

1. Fixture is to be mounted by a 3/8 steel pipe with 3/8 -18 NPSM thread, 3/4" threads at both ends (not supplied). Pipe should be anchored to structure or bridging member with sufficient strength to support 4 times the fixtures weight - see **Drawing 2**.

2. Adjust pipe so 1/2" of 3/8 steel pipe extends into the junction box, at the center knockout.

3. Please refer to the back of this sheet to the **safety cable installation** instructions and **ONLY** complete steps 1 and 2 at this time.

3

1. Thread pipe coupler (B) onto protruding pipe inside outlet box. Secure in place by tightening allen head screw (C) - see **Drawing 1**.

2. Thread hexnut (D) onto threaded nipple (E). Thread nipple (E) into coupler (B). Secure in place by tightening hexnut (D) against coupler (B) and then tightening allen screw (F).

3. Thread hexnut (G) onto nipple (E). Slip ground wire loop (H) over nipple (E) and thread hexnut (J) onto nipple (E). DO NOT tighten hexnuts (F) and (H) at this time.

4. Thread screw collar loop (K). Adjust loop height so the half of the exterior thread on screw collar loop (K) is exposed when canopy (L) is held up to the ceiling.

4

1. Determine length of chain you will require. Attach one end of length of chain to fixture.

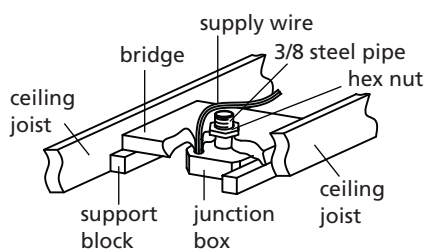
2. Slip threaded ring (M) and canopy (L) onto chain - see **Drawing 1**.

3. Attach fixture with chain to screw collar loop (K). Please get assistance, weight and size of fixture is difficult to manage alone.

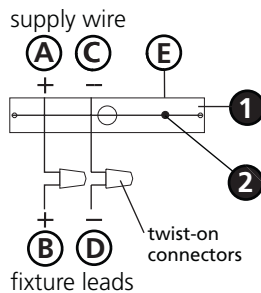
4. Weave ground wire, supply wire, and safety cable through chain, up through center of screw collar loop (K), through center of nipple (E), and out the opening on the side of coupler (B).

5. Please refer back to safety cable installation instructions on the back of this sheet and complete steps 3 and 4.

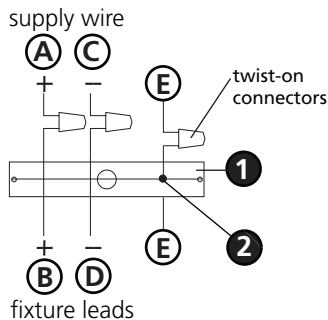
Drawing 2 - Installation Example



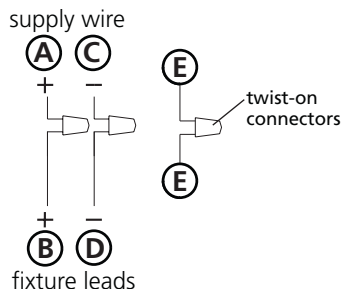
Drawing 1 - Flush Mount



Drawing 2 - Chain Hung



Drawing 3 - Post-Mount



SAFETY WARNING: READ WIRING AND GROUNDING INSTRUCTIONS (I.S. 18) AND ANY ADDITIONAL DIRECTIONS. TURN POWER SUPPLY OFF DURING INSTALLATION. IF NEW WIRING IS REQUIRED, CONSULT A QUALIFIED ELECTRICIAN OR LOCAL AUTHORITIES FOR CODE REQUIREMENTS.

wiring instructions

Indoor Fixtures

1. Connect positive supply wire **(A)** (typically black or the smooth, unmarked side of the two-conductor cord) to positive fixture lead **(B)** with appropriately sized twist on connector - see **Drawings 1 or 2**.
2. Connect negative supply wire **(C)** (typically white or the ribbed, marked side of the two-conductor cord) to negative fixture lead **(D)**.
3. Please refer to the **grounding instructions** below to complete all electrical connections.

Outdoor Fixtures

1. Connect positive supply wire **(A)** (typically black or the smooth unmarked side of the two-conductor cord) to positive fixture lead **(B)** with appropriately sized twist on connector - see **Drawings 2 or 3**.
2. Connect negative supply wire **(C)** (typically white or the ribbed, marked side of the two-conductor cord) to negative fixture lead **(D)**.
3. Cover open end of connectors with silicone sealant to form a watertight seal.
 - If installing a wall mount fixture, use caulk to seal gaps between the fixture mounting plate (backplate) and the wall. This will help prevent water from entering the outlet box. If the wall surface is lap siding, use caulk and a fixture mounting platform specially.
4. Please refer to the **grounding instructions** below to complete all electrical connections.

grounding instructions

Flush Mount Fixtures

For positive grounding in a 3-wire electrical system, fasten the fixture ground wire **(E)** (typically copper or green plastic coated) to the fixture mounting strap **(1)** with the ground screw **(2)** - see **Drawing 1**.

Note: On straps for screw supported fixtures, first install the two mounting screws in strap. Any remaining tapped hole may be used for the ground screw.

Chain Hung Fixtures

Loop fixture ground wire **(E)** (typically copper or green plastic coated) under the head of the ground screw **(2)** on fixture mounting strap **(1)** and connect to the loose end of the fixture ground wire directly to the ground wire of the building system with appropriately sized twist-on connectors - see **Drawing 2**.

Post-Mount Fixtures

Connect fixture ground wire **(E)** (typically copper or green plastic coated) to power supply ground with appropriately sized twist-on connector inside post. Cover open end of connector with silicone sealant to form a watertight seal - see **Drawing 3**.