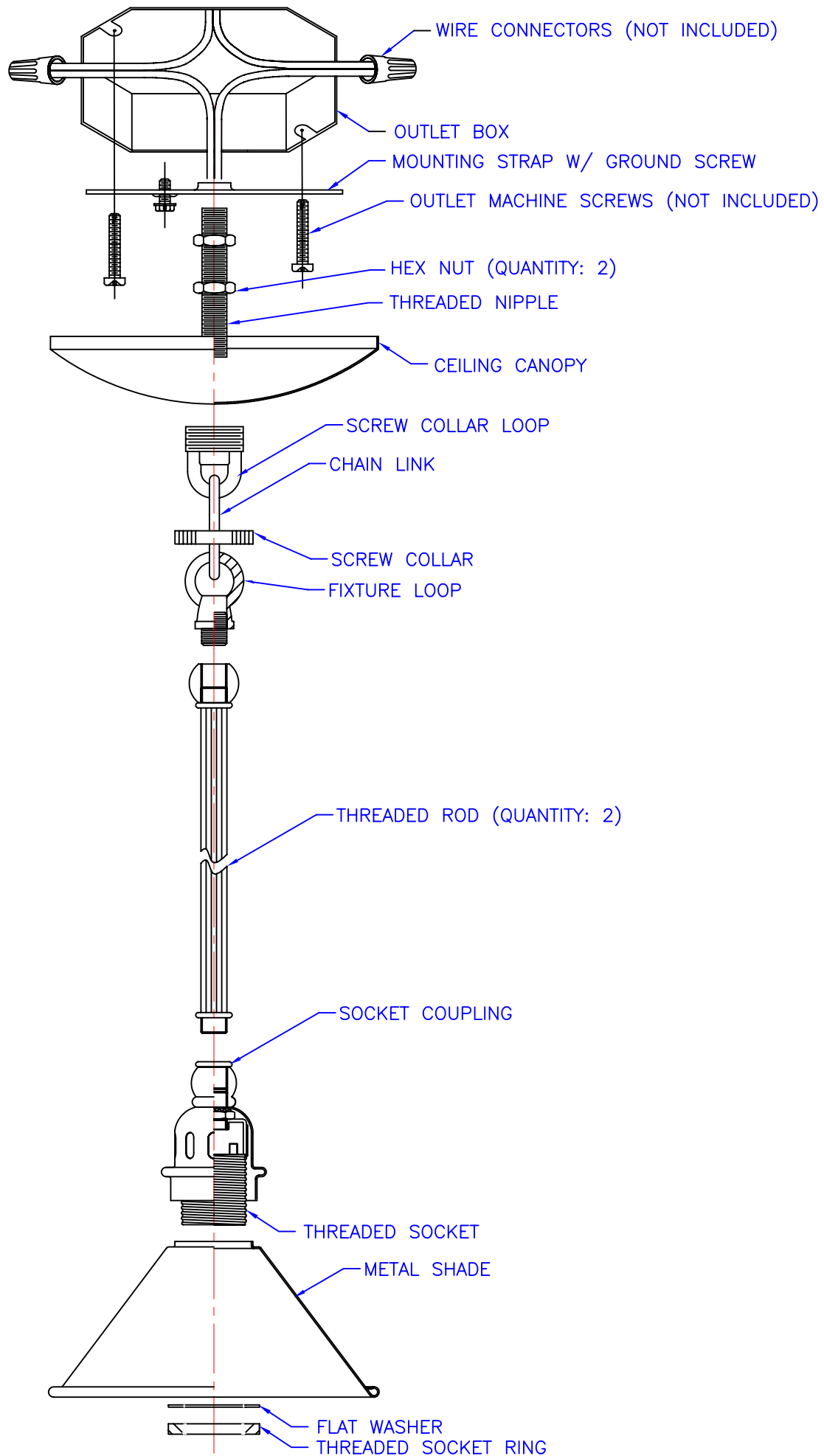


# Model 34170 Instructions 3-15-04



Model 34170    General assembly and installation instructions: 3-15-04

REQUIRED ITEMS (NOT INCLUDED)



FLATHEAD SCREWDRIVER



WIRE CUTTERS



PLIERS



PHILLIPS SCREWDRIVER



WIRE STRIPPERS

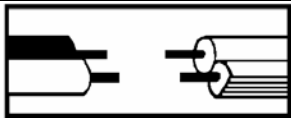


ELECTRICAL TAPE

Estimated assembly time: ½ - 1 hr

- 1. Read and understand all instructions and illustrations completely before proceeding with assembly and installation of this fixture.
- 2. If you have any doubts about how to install this lighting fixture, or if the fixture fails to operate completely, please contact a qualified licensed electrical contractor.
- 3. All parts must be used as indicated in these instructions. Do not substitute any parts, leave parts out, or use any parts that are worn out or broken. Failure to obey this instruction could invalidate the UL listing and / or C.S.A. certification of this fixture.
- 4. **IMPORTANT:** Before you start, **NEVER** attempt any work without shutting off the electricity until the work is done.
  - a) Go to the main fuse, or circuit breaker, box in your home. Place the main power switch in the "OFF" position.
  - b) Unscrew the fuse(s), or switch "OFF" the circuit breaker switch(s), that control the power to the fixture or room that you are working on.
  - c) Place the wall switch in the "OFF" position. If the fixture to be replaced has a switch or pull chain, place those in the "OFF" position.
- 5. Remove old fixture from outlet box, saving wire connectors and machine screws from the outlet box.
- 6. Take threaded nipple, from parts bag, and screw it into screw collar loop a minimum of 1/4" (7mm). Lock in place with hex nut.
- 7. Run second hex nut to the center of the threaded nipple. Now screw the threaded nipple into the mounting strap. Mounting strap must be positioned with extruded face toward the outlet box and ground screw head toward the screw collar loop. The threaded nipple must protrude out the back of the mounting strap. Connect the mounting strap to the outlet box with machine screws.
- 8. Unscrew the threaded screw collar from the screw collar loop. Take the ceiling canopy and pass it over the screw collar loop. Approximately 1/2 of the screw collar loop exterior threads should be exposed. Adjust the screw collar loop by turning the assembly clockwise up or counterclockwise down in the mounting strap. Remove the ceiling canopy.
- 9. After a desired position is found, lock in place by tightening the (second) hex nut up against the bottom of the mounting strap.
- 10. Screw threaded rod into the socket coupling on top of fixture. Screw fixture loop onto top of threaded rod. Note: Fixture height may be changed by altering the number of supplied rods used to hang fixture.
- 11. Remove threaded socket ring and flat washer from socket. Place first shade and then flat washer over the socket and secure with the threaded socket ring.
- 12. Slip ceiling canopy over screw collar loop and thread on screw collar. Attach fixture loop to screw collar loop with chain link.
- 13. Unscrew the screw collar and lower canopy. Weave the electrical and ground wires through every other chain link (no more than 3" or 7.5cm apart). Pass wires through threaded ring, canopy, screw collar loop, threaded pipe and into outlet box.
- 14. Grounding Instructions:
  - a) For installation in the United States: Wrap ground wire from outlet box around green ground screw on mounting bar, no less than 2" from wire end. Tighten ground screw. If fixture is supplied with a ground wire, connect to outlet ground wire with a wire connector.
  - b) For installation in Canada: If fixture is supplied with ground wire, wrap ground wire around green grounding screw on mounting bar. Tighten ground screw.
- 15. Make wire connections, with the old fixture wire connectors, following the reference chart listed below.

Connect, Hot, Black or Red Outlet Supply Wire to:	Connect, Neutral, White Outlet Supply Wire to:
Black	White
* Parallel Cord (round & smooth)	* Parallel Cord (square & ridged)
Clear, Brown, Gold or Black without Tracer (colored stripes)	Clear, Brown, Gold or Black with Tracer (colored stripes)
Insulated Wire (not green) with copper metal conductor.	Insulated Wire (not green) with Silver metal conductor.



\*Note: When parallel wire ( SPT I & SPT II ) is used. The neutral wire is square shaped and ridged and the hot wire will be round in shape and smooth. ( See Illustration on left. )

- 16. Raise canopy to ceiling and secure threaded screw collar onto screw collar loop.
- 17. Insert bulb. Be sure to use light bulb(s) with wattage no greater than specified on this fixture. Always make sure that electrical current is turned off before changing bulbs.
- 18. For cleaning:
  - a) Always be certain that electric current is turned off before cleaning.
  - b) Use a soft moist cloth with mild nonabrasive soap to clean fixture. Never use glass cleaner on fixture, as it will damage the metal finish.