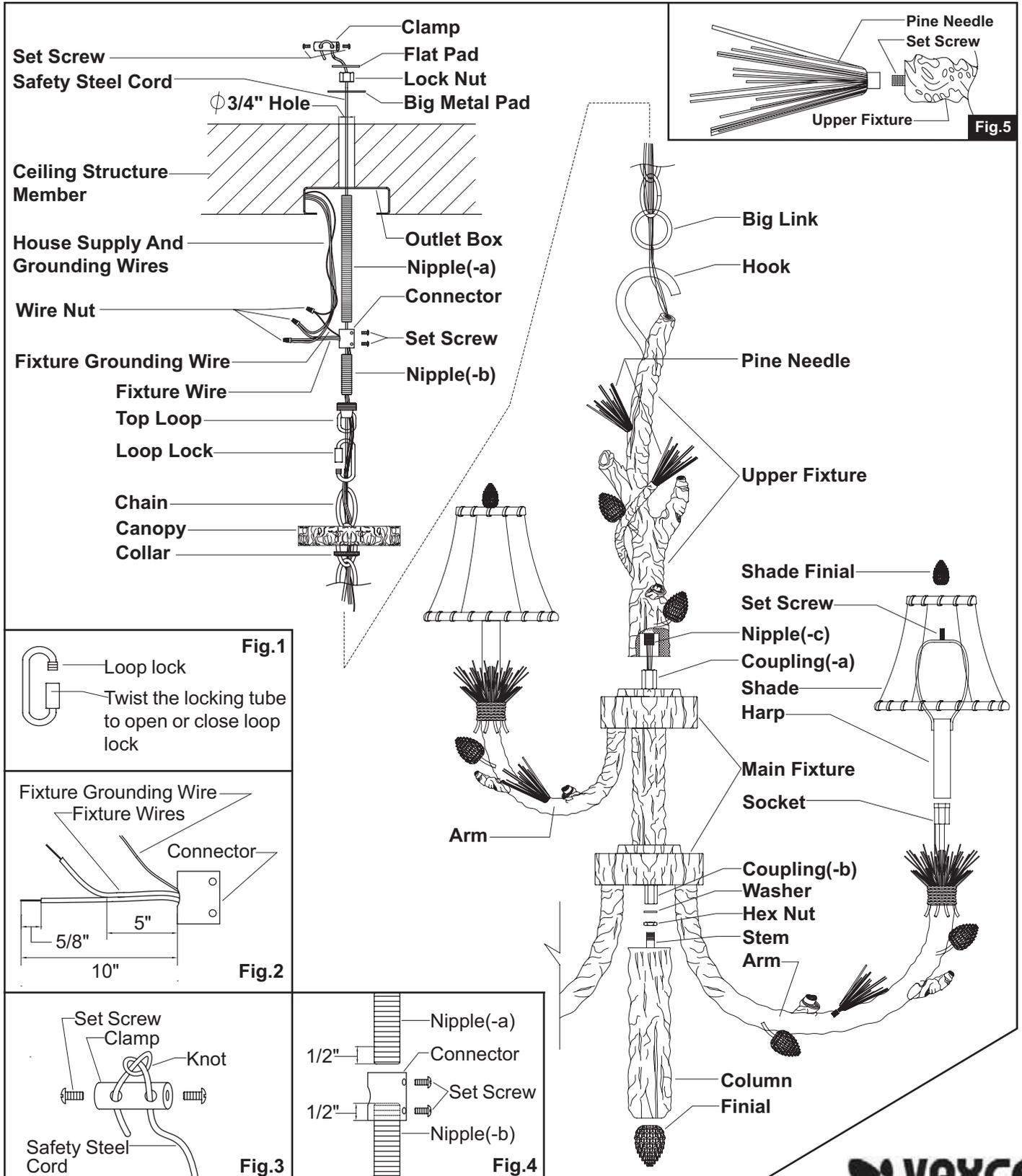


# ASSEMBLY AND INSTALLATION INSTRUCTIONS

AS-CHS009 / CHS016

**WARNING: BE SURE TO SHUT OFF POWER AT THE MAIN FUSE OR CIRCUIT BREAKER BOX BEFORE INSTALLING OR SERVICING THIS FIXTURE.**

- NOTE:
- Before installing, consult local electrical codes for wiring and grounding requirements.
  - Fixtures weighing over 50 lbs must be supported independently of the outlet box. Supplied with safety steel cord for hanging safety assurance.
  - The total weight of AS-CHS009 is 35.6 lbs (16 kg). The total weight of AS-CHS016 is 70 lbs (31.5 kg).
  - Please read the instruction carefully before installing this fixture.



# Installation Steps:

1. **This heavy fixture requires a means of support independent of the outlet box.**  
Remove the knockout slug from the inside top center of the outlet box, and then drill a 3/4 inch diameter hole through the ceiling structural member. The fixture will be installed directly onto the ceiling structural member. Before starting assembly, it is important to make sure that the ceiling structural member can at least support four times weight of the fixture.  
**We recommend the consultation of a qualified electrician due to the complexity of this installation.**
2. Adjust the arms of the fixture according to the drawing of the package.  
**Important:**
  - a. **The arms of each tier should be positioned with equal distances between them.**
  - b. **The arms should be fixed securely.**
3. Attach the upper fixture onto the main fixture by securing nipple(-c) into coupling(-a).
4. Secure the pine needles onto the set screws of the upper fixture. (See Fig.5)
5. Choose the length of the chain you need. Connect the big link on one end of the chain to the hook. Then slide the collar and the canopy down the chain.
6. Weave up the fixture wire and the fixture grounding wire through the chain, collar and canopy.
7. Screw one end of nipple(-b) into the top loop about 3/4 inch.
8. Screw the connector to the other end of nipple(-b) about 1/2 inch, and then secure it with a set screw at the side of connector. (See Fig.4)
9. Thread the fixture wires and the fixture grounding wire through the top loop, nipple(-b) and pull them out from bigger hole at side of connector.
10. Screw one end of nipple(-a) into the other end of the connector about 1/2 inch, and then secure it with a set screw from the side of the connector.
11. Thread the safety steel cord through the collar, canopy, top loop, nipple(-b), connector and nipple(-a).
12. Take one loop lock, open the locking tube, then hook onto the top loop and onto the other end of the chain. Close back the locking tube of the loop lock. (See Fig.1)
13. This step requires three people at least to proceed. Two people hold the fixture, the other one inserts the safety steel cord and nipple(-a) through the drilled hole of the ceiling structural member, and then secures it with a big metal pad and lock nut.
14. Thread the safety steel cord through the flat pad, and then through one hole of the clamp. Make a knot, and then pull it out from the other hole of the clamp. Pull the cord straightly and attach the flat pad toward the top end of nipple(-a), and then attach the clamp toward the flat pad. Tighten the safety steel cord with two set screws from two ends of the clamp. (See Fig.3)  
**Note: The safety steel cord provides a back up system of the installation fixture. It's essential that the safety steel cord is properly installed.**
15. Cut any excess fixture wires and fixture grounding wire leaving 10 inches from the bigger hole at the side of the connector. Slit the two fixture wires apart in 5 inches. Peel off insulation of the two wires in 5/8 inch. (See Fig.2)
16. Pull out the house supply wires and the house grounding wire from the outlet box. Make wire connections using the wire nuts:
  - The smooth wire (marked) from the fixture to the black wire from the power source.
  - The ridged wire (unmarked) from the fixture to the white wire from the power source.
  - The fixture grounding wire to the house grounding wire.Carefully tuck the wires back into the outlet box.
17. Raise the canopy against the ceiling and fasten it by screwing the collar onto the top loop
18. Attach the harps to the sockets, then install bulbs (not included). See relamping label at socket area or packaging for maximum allowed wattage.
19. Attach the shades to the harps by inserting the set screws, then secure them with the shade finials.  
**Note: All shades of each tier should be on the same horizontal level.**
20. Screw the stem into coupling(-b), secure it with a washer and hex nut. Attach the column to the main fixture by inserting the stem, then secure it with the finial.
21. Turn on the power at the main fuse or circuit breaker box.