

Installation of Smoke Unit - Please read!!

1. Remove large cone shaped Smoke Stack by pulling straight up. It will slide off inner sleeve.
2. Note the two wires with connector tubes.
3. Push one of the pin type connectors on your Smoke unit wires into a tube connector as far as it will go. Do the same with the second wire, coloring does not matter. Use a 3/4" piece of masking tape and wrap around the connection point, see sketch. This will aid in removal from body cavity when replacement is needed.
4. Next push one of the connector assemblies down through the plastic sleeve and nipple into the main body cavity, followed by the other assembly. This may be done with the aid of a small screw driver or similar item placed on the edge of connector tube.
5. Continue to push the wires from smoke unit down into hole, push smoke unit into sleeve until it stops.
- 6a. Older Disney Locomotives -
Place Smoke Stack top on plastic sleeve and rotate until tab in stack top lines up with groove in sleeve and then push down. You are finished.
- 6b. New HLW Locomotives –
The smoke stack unscrews and the wiring for the smoke unit is run through the threaded nipple.

Note, if you are going to use your smoke unit now it is easier to fill the unit with oil with the stack top off. Do not over fill unit! Only fill to 1/4" or 6mm from the top of unit.

ONLY USE SMOKE FLUID OBTAINED FROM A MODEL TRAIN DEALER IN YOUR SMOKE UNIT!!

7. Make sure the toggle switch in cab is flipped to white dot to turn smoke unit on. Note! When unit stops smoking, flip the switch off to ensure a longer life for the smoke unit. Due to the nature of smoke unit heater coils, their lifespan will be significantly reduced if the unit is not turned off promptly when it runs out of fluid/stops smoking.
8. All heating coils will burn out at some point in time. To replace Smoke Unit reverse the above steps. Note! Be careful not to pull connectors apart (reason for tape) when trying to fish them out of hole going into main body! Do them one at a time very gently.

TROUBLE SHOOTING: If unit does not work, check toggle switch and oil level (if overfilled unit does not smoke right away). Also check the wire connectors for electrical continuity. Disconnect unit and touch wires one to each track rail or your power supply terminals to see if heater coil in center of unit gets hot or unit smokes.

