



**OPERATING
DEPARTMENT
WESTERN PACIFIC RAILROAD MUSEUM**

	SECTION Museum Operations	SUBJECT Caboose Heaters
--	-------------------------------------	-----------------------------------

Procedure to use caboose heaters

All of the caboose stoves operate the same way. Knobs, tanks, controls, etc., may be in different locations, but the procedure is basically the same. Full instructions are on the wall of each caboose behind the heater.

1. Find the diesel fuel tank that supplies the stove. Usually it is at one end of the caboose. You need to open a valve to allow the fuel to flow to the stove. This valve has been spray painted **RED**. It is somewhere on the bottom of the tank and is very close to something that looks like an oil filter on the line. Sometimes, you will see two valves. One valve is for the supply line, the other is for the drain line. The drain line usually goes straight down and out an opening. Make sure you do not open the drain valve or you will have no fuel to start the stove. Open the supply line valve completely.
2. Go to the stove and remove the lid. On the top of the stove, you will find a control knob. It usually has an arrow on it. Turn the control knob counter clockwise as far as it will go.
3. Use a flashlight to look down into the stove to see if a small puddle of fuel has formed on the bottom of the stove.
4. When you see a small puddle of fuel, light a single piece of paper (like a single sheet of paper towel) and drop it into the interior of the stove. Make sure that it goes to the bottom of the stove and that the fuel ignites. Put the lid back on the stove. You want to use a very small amount of paper to reduce the ash accumulation in the bottom of the stove.
5. To control the temperature, use the control knob mentioned in step 2. Turn the knob clockwise to reduce the amount of heat produced. Remember that when you start the stove the control knob is fully opened. After about 1 hour on high, lift the lid slightly using a pair of pliers or the handle if supplied (do not take the lid off unless you have all doors and windows closed) to see if you have a good flame. If so, then you can use the control knob to adjust the heat.
6. To shut down the stove, turn the control knob to fully on position. Then, turn the fuel tank supply line valve off. Let the fuel burn until it is completely out of the fuel line. This may take as long as two hours. Once the fire is out in the stove, turn the control knob on the top of the stove back to the off position (turn clockwise as far as it will go).

EFFECTIVE DATE	REVISION NUMBER	REVISION DATE	PAGE
1/1/2018	2	11/15/2017	1



**OPERATING
DEPARTMENT
WESTERN PACIFIC RAILROAD MUSEUM**

	SECTION Museum Operations	SUBJECT Caboose Heaters
--	-------------------------------------	----------------------------

CAUTION: DO NOT REMOVE THE LID TO THE STOVE WHILE IT IS LIT UNLESS ALL DOORS AND WINDOWS ARE CLOSED ON THE CABOOSE. OTHERWISE, THE FLAME IS LIKELY TO FLARE UP IN YOUR FACE CAUSING SEVERE BURNS. WHEN YOU LIFT THE LID TO CHECK THE FLAME, LIFT IT ONLY AS MUCH AS NECESSARY TO SEE THE FLAME. YOU DO NOT NEED TO TAKE IT OFF COMPLETELY.

Approved by: Kerry Cochran
General Superintendent

Change Log:

Rev Number	Changes	By	Date
1	Original Issue	Kerry Cochran	10/18/2014
2	New Format	Kerry Cochran	11/15/2017
3			
4			
5			
6			

EFFECTIVE DATE 1/1/2018	REVISION NUMBER 2	REVISION DATE 11/15/2017	PAGE 2
----------------------------	----------------------	-----------------------------	-----------