

Chapter 4 - Fueling Procedure - Goose Number #5

rev. 9/23/2014

1. - Fueling on the track and

2. - Fueling on Flatbed truck (familiarize yourself with both)

1. - Fueling on the track:

- The historic engine requires lead substitute to be added to today's unleaded fuel. The amount is approximately 1 quart of additive to 30 gallons of fuel. Adjust amount according to the amount of fuel added to each 30 gallon tank.
- When fueling the Goose, always have all passengers and crew disembark the front vehicle.
- Fueling on the track is simple. There are two 30 gallon fuel tanks, one on each side. Both sides have gas caps with vents holes, and vent pipes..
- There is a vent pipe with a cut-off valve on each tank. Open the vent cut-off valve. It will allow the tank to vent faster and therefore fill faster.
- When fuel tank is full you may observe overflow fuel coming out of the vent pipe at the tank. **CLOSE THE CUT-OFF VALVE** to prevent fuel loss/spillage.
- When you stop filling one tank, replace the fuel cap and you can pass the fuel nozzle over to the other side of the cab and repeat the fueling procedure for the fuel tank on the other side.



The above image is of the vent valve on the right side fuel tank.

The left side is similar to the right side tank and valve.

2. - Fueling the Goose while on the back of the flatbed is similar to above, except...

- When fueling the first tank, when fuel over-flow is observed and the cut-off valve is closed, **there is still more room in the tank** due to the angle of the Goose on the back of the flatbed truck.
- After closing the overflow cut-off valve, you may want to continue to fill the tank to capacity.
- After fueling both tanks and remembering that the fuel vent pipe cut-off valves are closed, the Goose can be operated a short distance without opening the vent cut-off valves. pipe, perhaps 10 miles. By then the fuel level should have lowered to the point that opening the vent pipe cut-off valve (half way) will not spill any fuel, but allow proper venting. ("Half-way open" is opening the cut-off valve handle about 45 degrees,)
- Write down the number of gallons added to each side tank and give a copy to the conductor.



Typical valve.



vent valve typ.