



Bullex® Propane Car Prop

Step By Step Instructions



SAFETY!!

- ✓ NFPA 1403 must be followed while using this prop.
- ✓ To reserve the prop, go to:
www.kentoncountyfirechiefs.org
- ✓ Outdoor use only
- ✓ Do not use below 32 degree F
- ✓ Do NOT attempt to manually light the pilot box
- ✓ Minimum of 30 feet clearance need in all directions, check for overhead obstructions
- ✓ Leak test should be performed prior to lighting the pilot box



STEP 1

**Pull The Pins To Unlock The Ramps,
Then Slide The Ramps Out From The
Brackets**



Put The Ramps Into Place



STEP 2

✓ Put The Support
Legs Down

✓ The Rear Of The
Trailer Has One On
Each Side

✓ This Is Done By
Pulling Up The Spring
Lever, Then Swing The
Leg Down



STEP 3

**Undo All Ratchet Straps & Chains
In The Rear Of The Car**

**Important To Remember How
You Took Them Off**



STEP 4

Remove The Pilot Box & Tray

**Note The Hole Of The Tray Faces
Out Toward The Rear**



STEP 5

✓ Undo All The Ratchet Straps and Chains in the front of the car

✓ Make Sure The Winch Is Hooked To The Front Of The Car



STEP 6

Hook The Winch Remote To The Winch

Push Up To Release & Down To Pull



STEP 7

Have Personnel On All 4 Corners

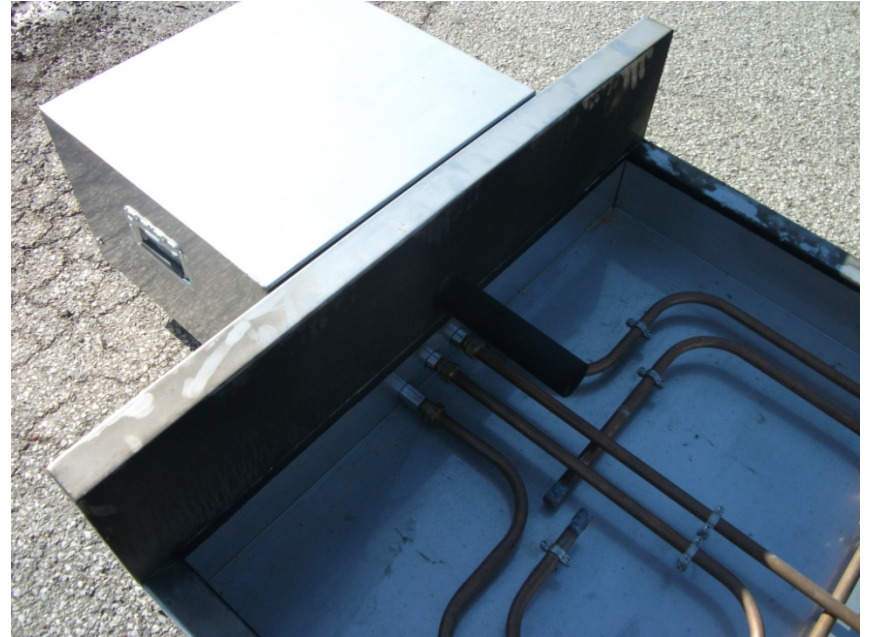
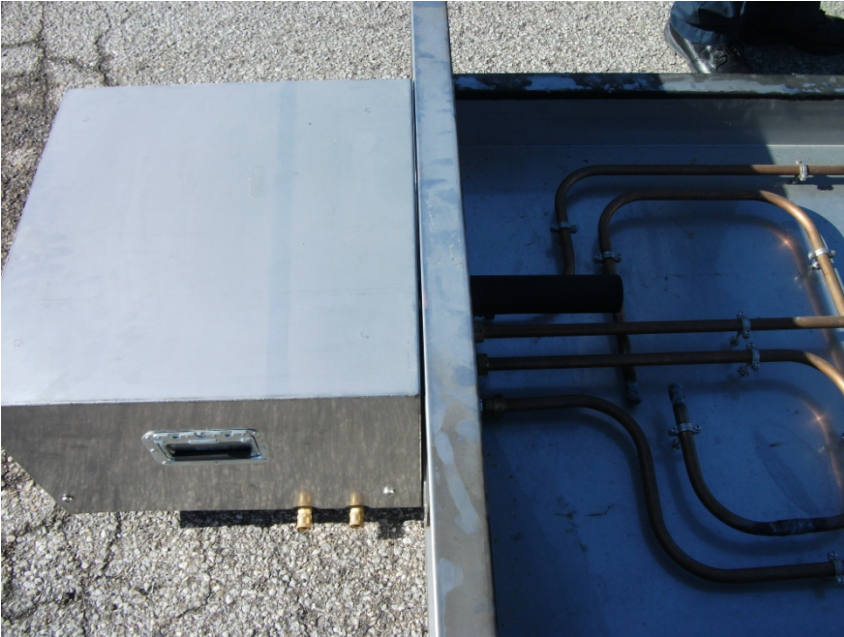
**This Will Keep The Car Straight,
To Guide It Down The Ramps**



STEP 8

Place The Pilot Box In The Tray

**Until The Pipe Is Fully Through
The Hole**



STEP 9

**Plug In The Cord Reel To The
Back Of The Box**

Plug The Propane Cord Reel Into The Back Of The Box.

**NOTE: Bleed off Propane Line After Use including pilot
box**



STEP 10

- ✓ Place The Propane Cables From The Pilot Box To The Burn Pan
- ✓ There are four of These. Each One Is Color Coded. Note: There Is A Diagram Of The Zones Later In The Power point.
- ✓ Note To Utilize The Brake Fire, Simply Place One Side Of The Cable Into The Side Of The Pilot Box And The Other End Into The Connection At The Rear Of The Car.



STEP 10

Cont.

✓ **Note To Utilize The Brake Fire, Simply Place One Side Of The Cable Into The Side Of The Pilot Box And The Other End Into The Connection At The Rear Of The Car.**



STEP 11

Run The Electrical Cord From The

Pilot Box To The Control Box



STEP 12

✓ Fill The Burn Pan With Water, Using A Water Hose

✓ Make Sure All Copper Piping Is Under Water



Burn Tray Only Use – Pan Fire

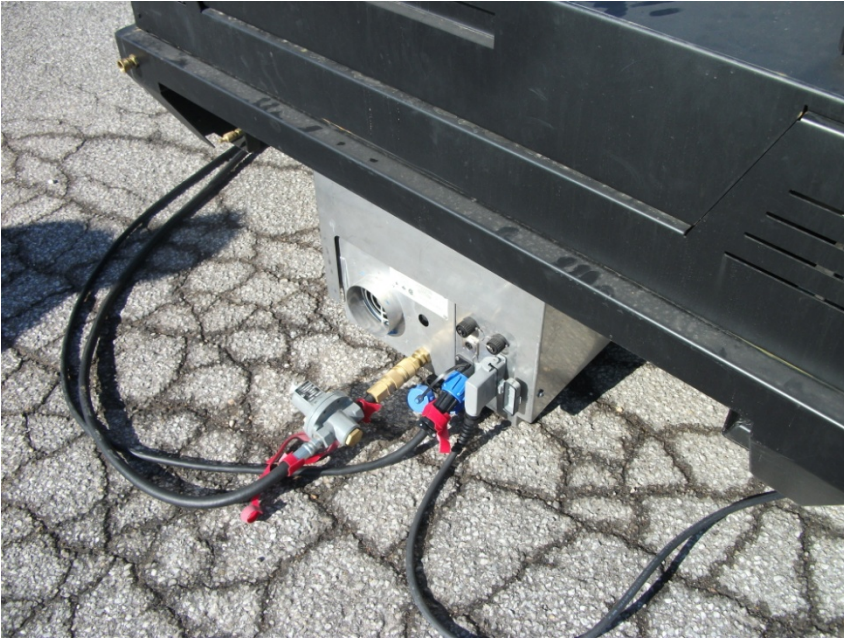
- ✓ Set-Up Is The Same
- ✓ Repeat The First Few Steps Of Hooking Up The Pilot Box To The Burn Pan
- ✓ Fill With Water
- ✓ Make All Cord Reel Connections
- ✓ Turn On Propane
- ✓ Operate With Remote Control The Same Way As The Car Prop



STEP 13

Push The Car Over The Burn Pan

**The Back Of The Pan Should Line Up With
The Flat Panel In The Rear Of The Car**



STEP 14

**Hook A Garden Hose Up To The
Rear Of The Car**

**These Water Nozzles Will Help
Keep The Car Cool**

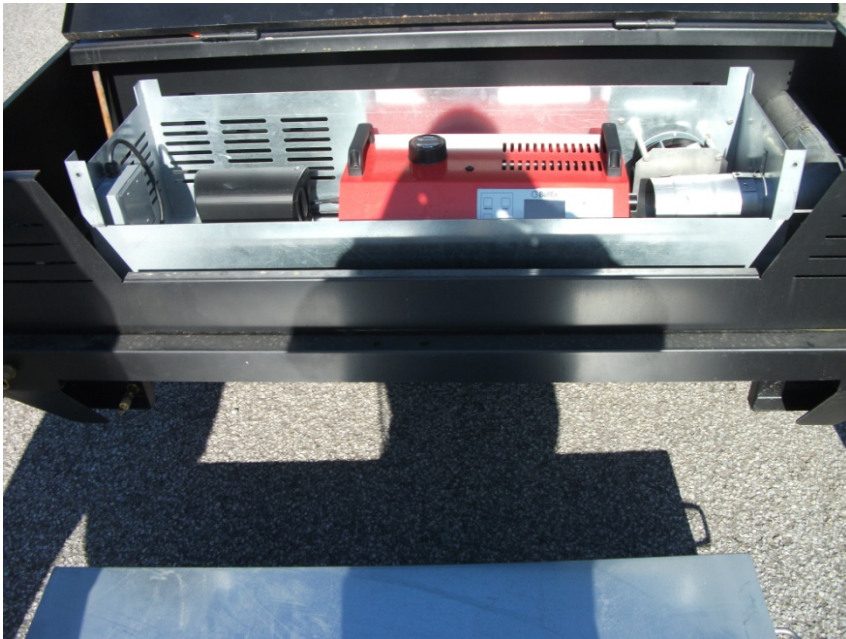


STEP 15

Open The Trunk & Take Off The Silver Lid,
Exposing The Smoke Machine & Speaker

**NOTE: Leave The Smoke Machine Cap $\frac{1}{4}$
Open For Suction, close for transport**

**Run The 3 Black Wires Down &
Out The Bottom Of The Car**



STEP 16

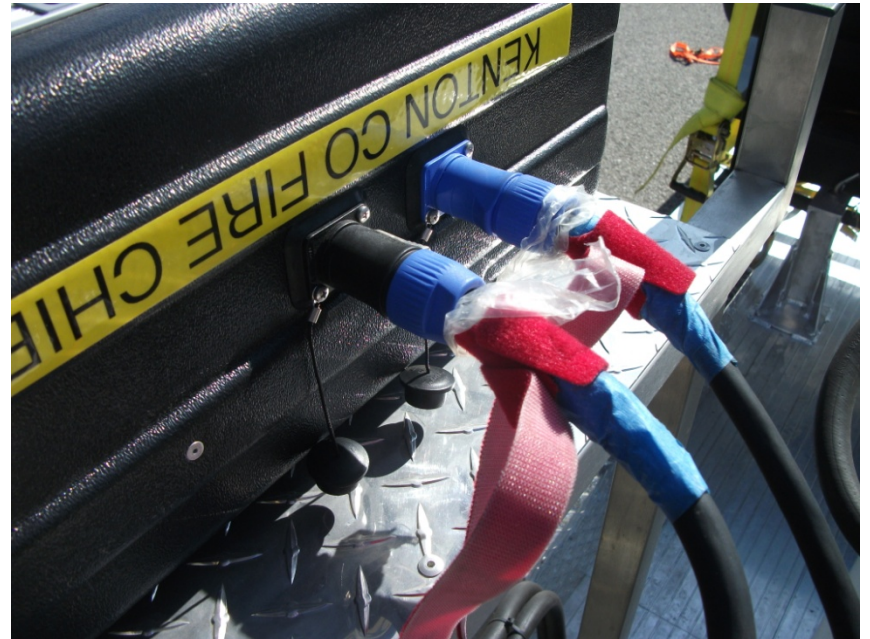
✓ Connect The 3
Black Cables To The
Correct Inputs, In The
Back Of The Pilot Box



STEP 17

**Locate The 2 Audio Cables On
The Side Of The Control Box**

**Place Them In The Back Of The
Audio Receiver**



The Audio box and speakers are NOT located on the trailer, it is located in the single bay on the wire shelving at the Training Center.

STEP 18

Attach The Long Yellow Extension Cord To The Plug In The Bottom Of The Control Box

**Plug The Other End Into The Generator, Then Start It.
Can also be plugged into a building outlet**



STEP 19

Turn On The Audio Receiver And Follow The Steps Listed On The Front. To Select Track, Push Button, Turn Knob, Push Button Again

Make Sure The Lockout Is “ON” Or You Will Not Get Any Power



STEP 20

Check To Make Sure All Lights Come On The Control Panel

Check Pilot Box To Make Sure It Has Power

Make Sure Vaporize Yellow Cold Light Is Out, Before Lighting Pilot

Open Up The Propane Cylinders.

Open **GREEN**, **RED** Stays Closed

Power On The System. Make
Sure The Green Light Comes On



STEP 20

Cont.

✓ Make Sure You Turn
On The Red Valve
Located Toward The
Bottom, Back Of The
Control Panel



STEP 21

**You Are Now Ready To Use The Trainer. Press The Pilot Button To Ignite The Pilot Light. (#6)
You Can Turn Off Pilot By Pressing #6 Again**

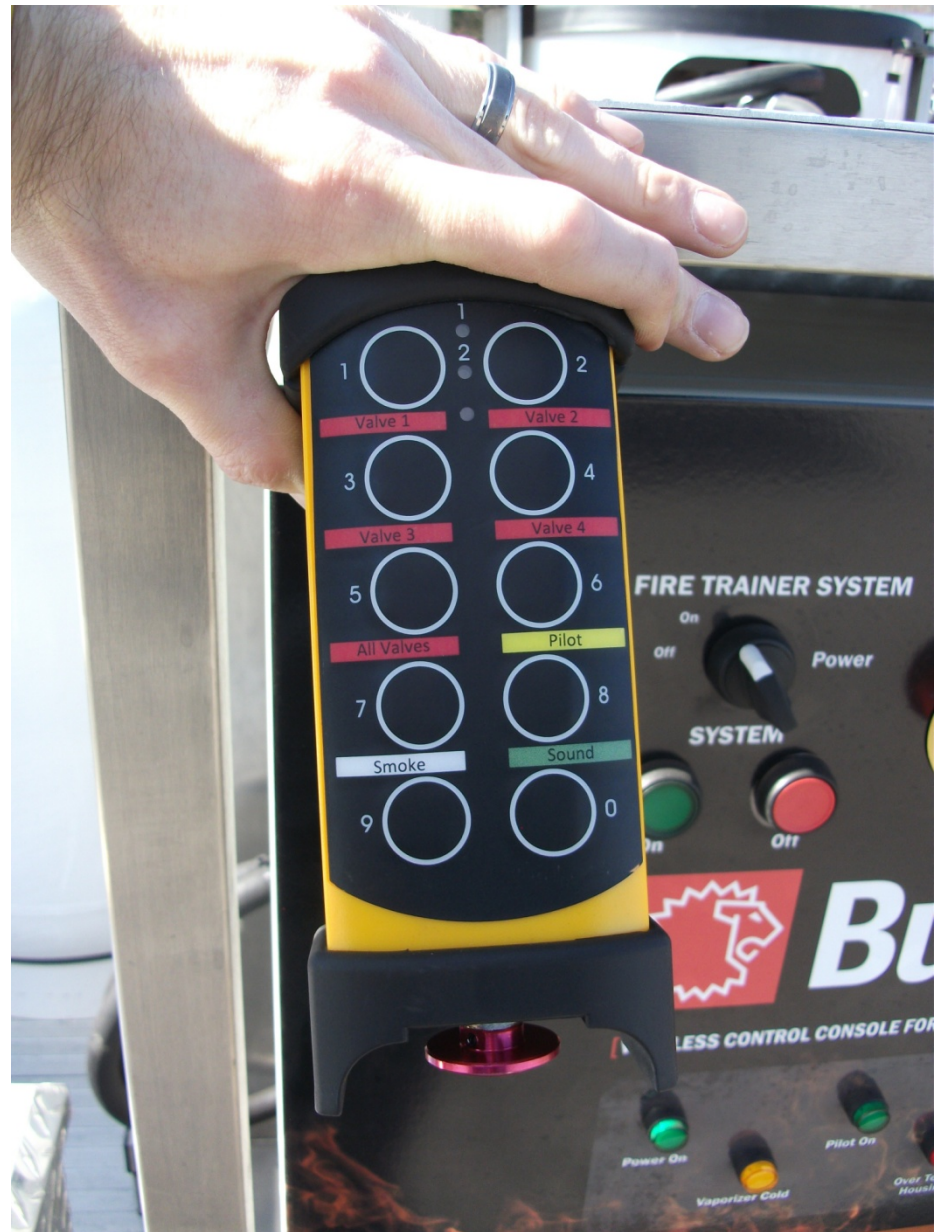


The Remote Has An Emergency Shutdown Button On The Bottom Of The Remote. Pull Out To Use The Trainer , Push In To Shutdown. NOTE: If The Emergency Stop Is Pulled On Remote You Have To Push System On (Green Button) On Control Panel.



STEP 22

- ✓ The Burn Pan Has 4 Separate Burn Zones
- ✓ You Can Do Them Individually, Or All At Once By Pressing #5 (All Zones)
- ✓ #6 Is Pilot
- ✓ #7 Is Smoke
- ✓ #8 Is Sound. The CD Is Equipped With All Kinds Of Sounds Ranging From Loud Noises To Kids Screaming.



Ventilation Cleaning System

Place The Long White Tube From The Back Of The Pilot Box To The



Air Filter Case That Is Stored In The Side Toolbox Of The Trailer. NOTE: The White Tube Is Best Stored In The Burn Pan.



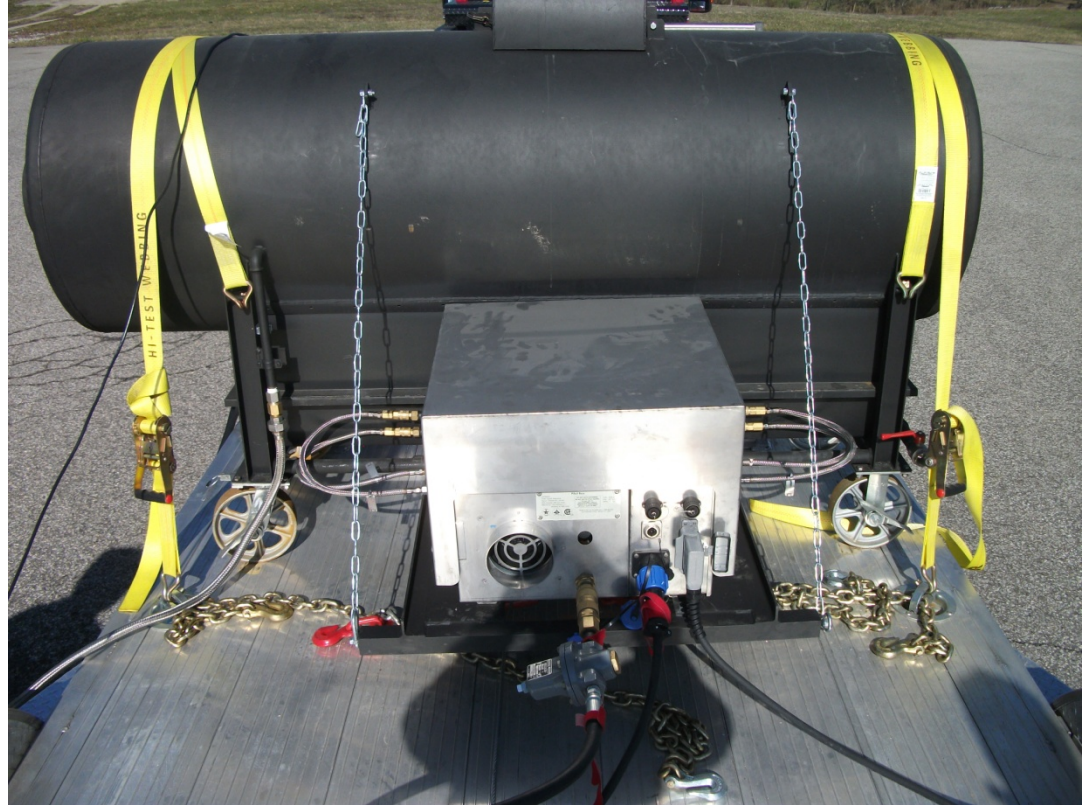


Bullex[®] Pressure Vessel Prop



STEP 1

- ✓ Set-Up Is The Same
- ✓ Remove The Vessel From The Trailer
- ✓ Fold Down The Bracket & Place The Pilot Box In To Place.
- ✓ You Will Not Need The Burn Pan
- ✓ Make All Necessary Attachments
- ✓ Turn On Propane
- ✓ Power Up Equipment
- ✓ Use The Remote Control The Same Way



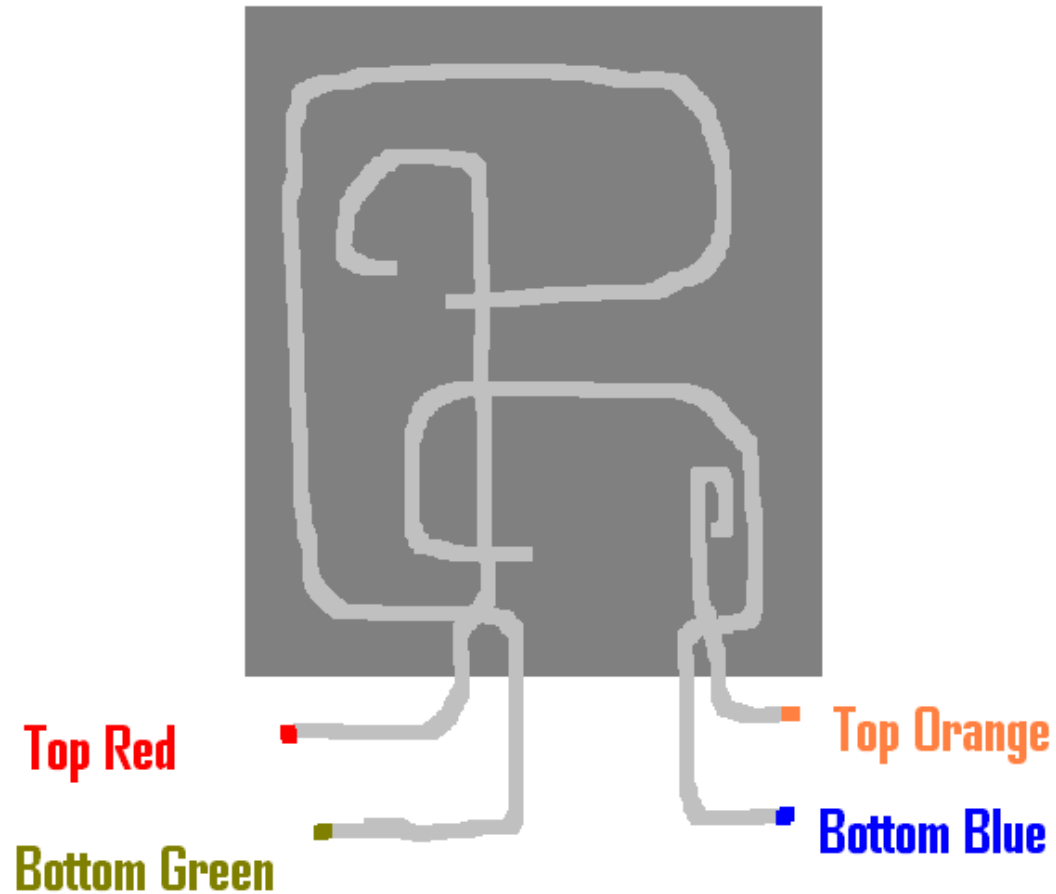
STEP 2

Fill The Pan With Water

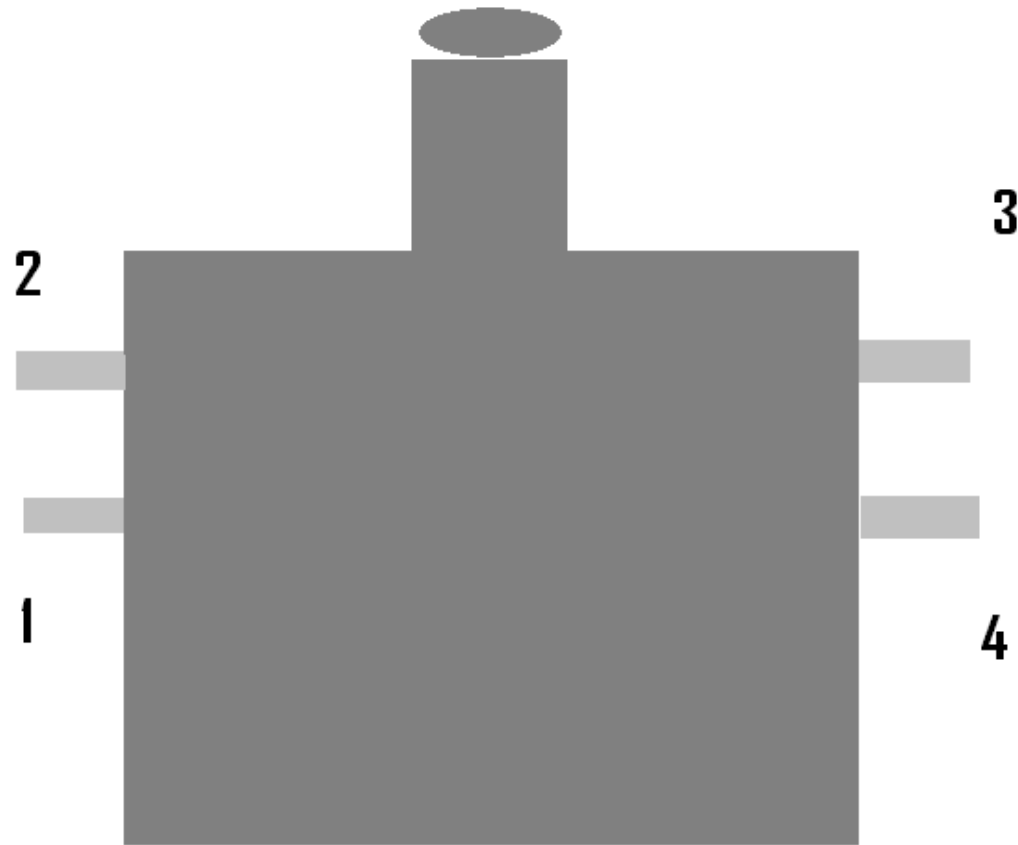
**Hook A Garden Hose To The Adapter.
The “Z” Can Act As A Leaking Vessel.**



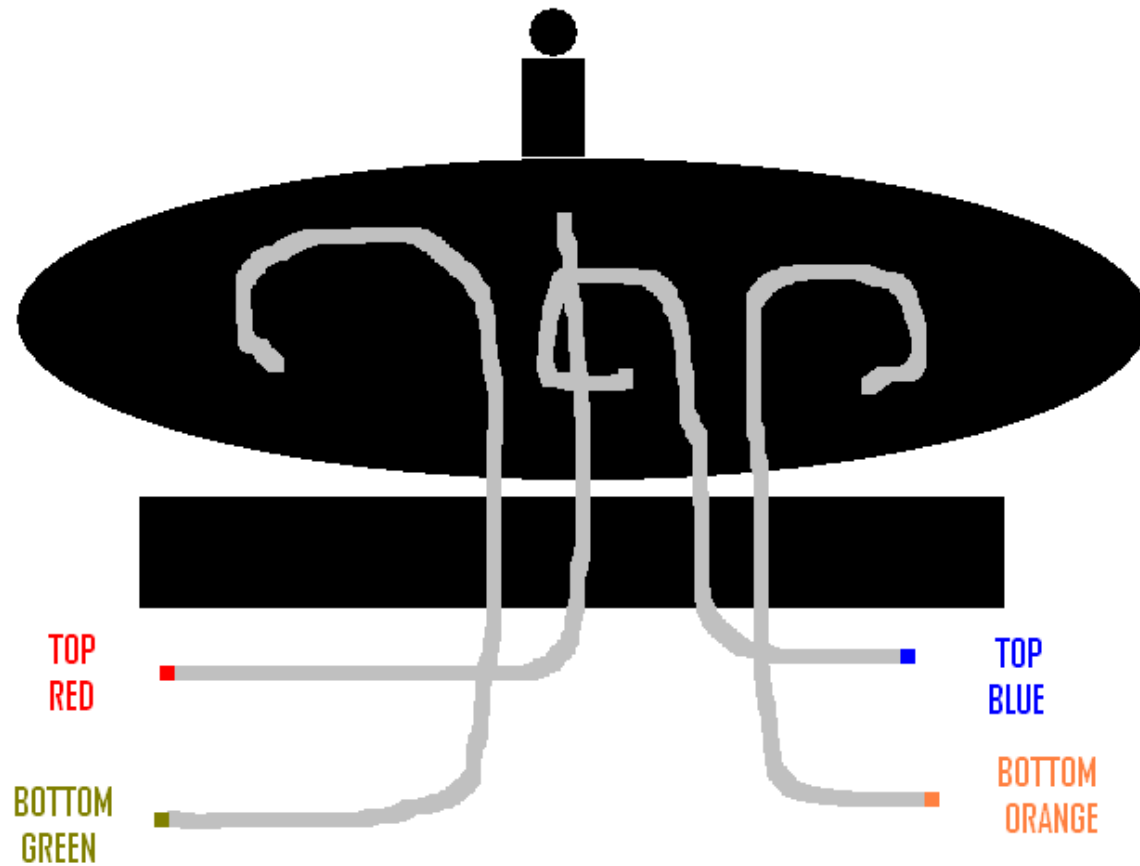
BURN PAN DIAGRAM



PILOT BOX DIAGRAM



PRESSURE VESSEL DIAGRAM



AUDIO TRACKS

1. Fire 10 min loop
2. Off-gassing 10 min loop
3. Unstable Structure 10 min loop
4. Liquid Leak 10 min loop
5. Crying Baby 30 sec loop
6. Woman Screaming 7 sec loop
7. Breaking Glass 7 sec loop
8. Explosion 7 sec loop
9. Man In Distress 15 sec loop

NOTES

- The Battery for the winch doesn't have a shoreline, so plan a head the battery will likely need to be charged
- The Remote will also need to be charged
- Propane must be refilled prior to returning the prop to the Training Center. The Propane tanks are full at 80%.
- Bleed off propane after use, NOT doing this **WILL** cause damage to the prop.

Leak Testing Procedure

- Mix a solution of equal parts mild detergent or liquid soap and water (or use gas leak detector available at your local plumbing supply store).
- Ensure the Hoseline Training System is unplugged/de-energized. This ensures the safety shut off valves to the burners and pilot are closed.
- Connect the propane regulator and hose assembly as directed in the Set-Up Instructions.
- Turn the valve of the propane supply tank until fully open.
- Apply the soap solution to all connections of the fuel supply assembly, including between the propane tank and the control console and the control console and the pilot box, and the between the pilot box and burners. If bubbles form at any of the connections, a leak is detected. If a leak is detected, immediately turn off the gas supply and contact BullEx at 1-888-4BULLEX. Otherwise wipe down system and proceed with the start-up instructions detailed in the manual.