

“The 1-Minute Walk Around Inspection” Video Transcript

VIDEO DESCRIPTION:

Length 04:47 min

Conducting a quick, one-minute walk around inspection of your Airtronic heating system will increase its efficacy, as well as lengthen its lifespan.

VIDEO TRANSCRIPT: (Mike DeVriendt, Manager, National Accounts Support)

Hi, I am Mike DeVriendt, I am with Espar Heaters and I am here today at Prime creating an informational video on how to operate your Espar Heater.

1. Contoller

Many the prime trucks utilize a Tri-Pak APU. The APU uses an Espar Heater to heat the sleeper. To operate the controller on a Tri-Pak, first you turn it on, it will initialize, select the desired mode, so I put it into the heat mode and then cycle the temperature up to the desired temperature of the sleeper. And the heater will do the work from there.

2. Interior Venting

Now we are under the bunk. This is your heating air outlet, under the bunk, which you need to make sure is unobstructed with any clothing, bags, bottles, tools, anything that might restrict the air flow. Some trucks will also be equipped with a return air grill. The return air grill is extremely important also and it must be kept unobstructed and free from debris. If either these grills will start to get dirty they must be kept clean.

3. The Heater

Now we have lifted the bunk. The heater is found under your bunk and you will notice it has black ductwork at the air outlet and possibly at the air inlet. The duct work must be in good shape, cannot be crushed; cannot have items stacked on top of it, the heater cannot have items stacked on top of it. Please keep the heater clear of obstructions.

4. Fuel Pump

Now we are outside the truck, and we do a visual inspection of the components of the heating system in order to get the best performance and longevity of your heater. If you notice something severely wrong please contact your service provider and have them address it. At first, we will look at the fuel pump angle. A fuel pump on an Espar heater MUST be 15° – 35° degrees on an UPWARD angle. This you can see by looking under the truck and you will notice there is a fuel pump mounted either body or chassis. Notice the fuel pump is on an angle upwards. The electrical connector side of the pump is the outlet. The outlet is the HIGH SIDE and it must be 15° – 35° degrees.

5. Exhaust

Now we are at the back of the truck to inspect the exhaust system. The exhaust pipe should come out from underneath the back wall of the truck. The exhaust should be kept 3-4 inch long PAST the back of the sleeper and be vent down on a 15°- 35° angle down. Notice this one is pointed straight back, you should have it pointed at a 15° angle away from the direction of travel. Now the previous in proper angle has been modified and been turned down on a 15 degree bend away from direction of travel.

6. Intake & Exhaust

You will find two tubes, one is a black tube, and one is going to a metal silver tube. The black tube and the silver tube NEED to be pointed away from the direction of travel. On this truck here you can notice that the air intake is facing forward and should be turned around to face in the opposite direction so road air does not drive up your air intake tube. Another instruction point at your exhaust system of your heater and on the intake of your heater is to look for low spots at the exhaust intake. If you have a low spot it gives the ability of condensation to build up and restrict your air intake and exhaust. Contact your service provider if you have a low spot that needs to be resolved. Thank you for viewing our informational video on how to operate and do a visual inspection of your Espar heating system. 60 seconds walk around will greatly extend the lifetime operation of your heater.

Thank you very much for you time, have a nice day!