

Thor Motor Coach Technical Information Bulletin



TIB # 13-005

Issue: In certain Tuscany tag axel units, one of the hydronic heat lines may become kinked due to the way it was installed.

Released Date: 2/28/2013

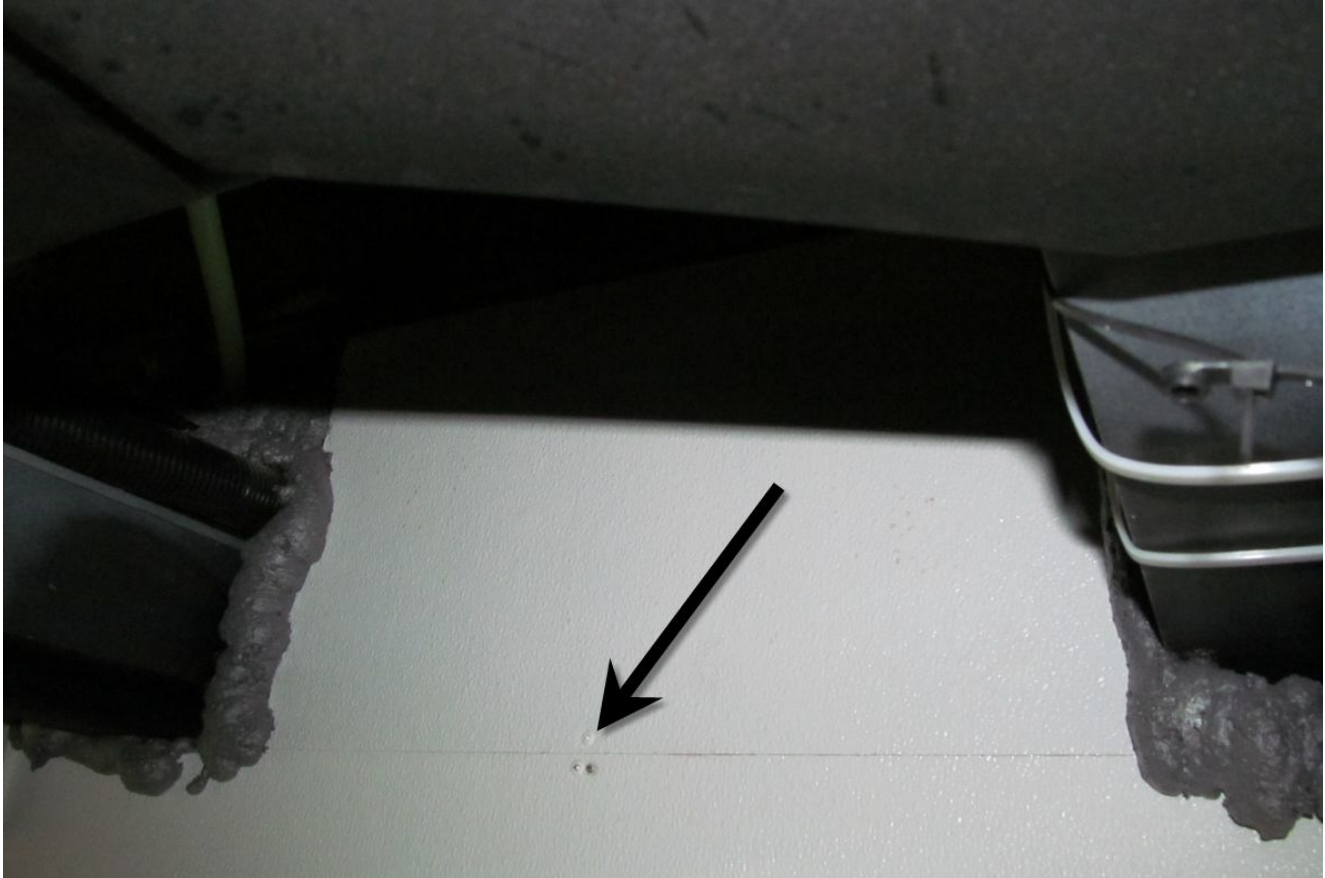
Items needed:

- Pair of pliers. Spring clamp pliers work the best
- Screw gun with #2 square head bit
- Water line cutters
- Bucket or pan to catch antifreeze from the cut line.
- 1 Black elbow TMC item number 0250615
- 2 Brass Barbs TMC item number 0250616
- 4 spring clamps TMC item number 0250618

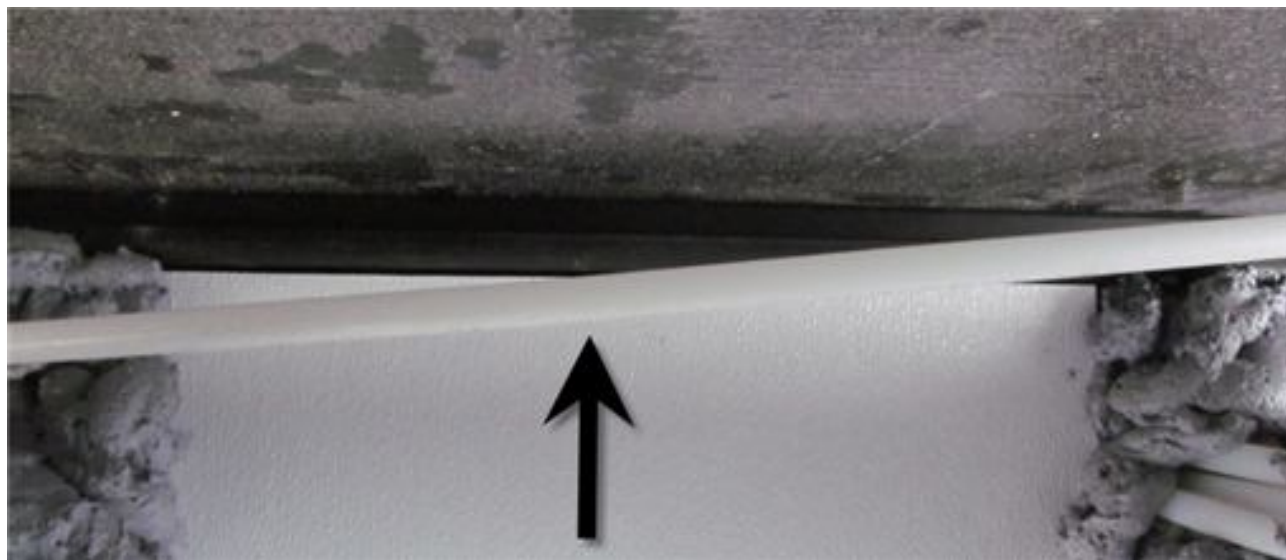


Instructions:

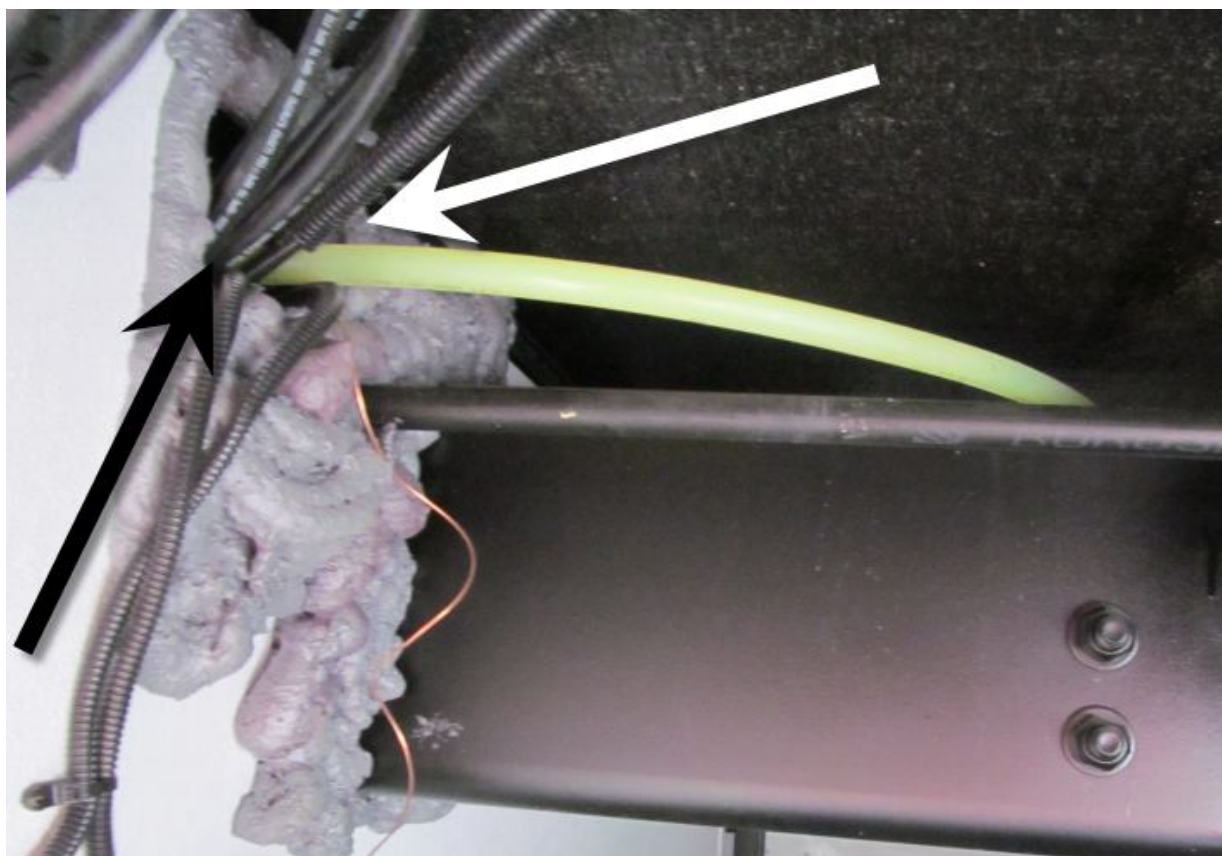
1. Turn off the hydronic heat and **wait until the system has cooled so as not to get burned by hot anti-freeze when cutting the hydronic heat line.**
2. From inside the exterior storage compartment use the #2 square head bit to remove the screws to the access panel between the two main frame rails and set it aside. The compartment should be on the driver's side in front of the rear axle. It may be the second forward of the rear axle depending on the floor plan.



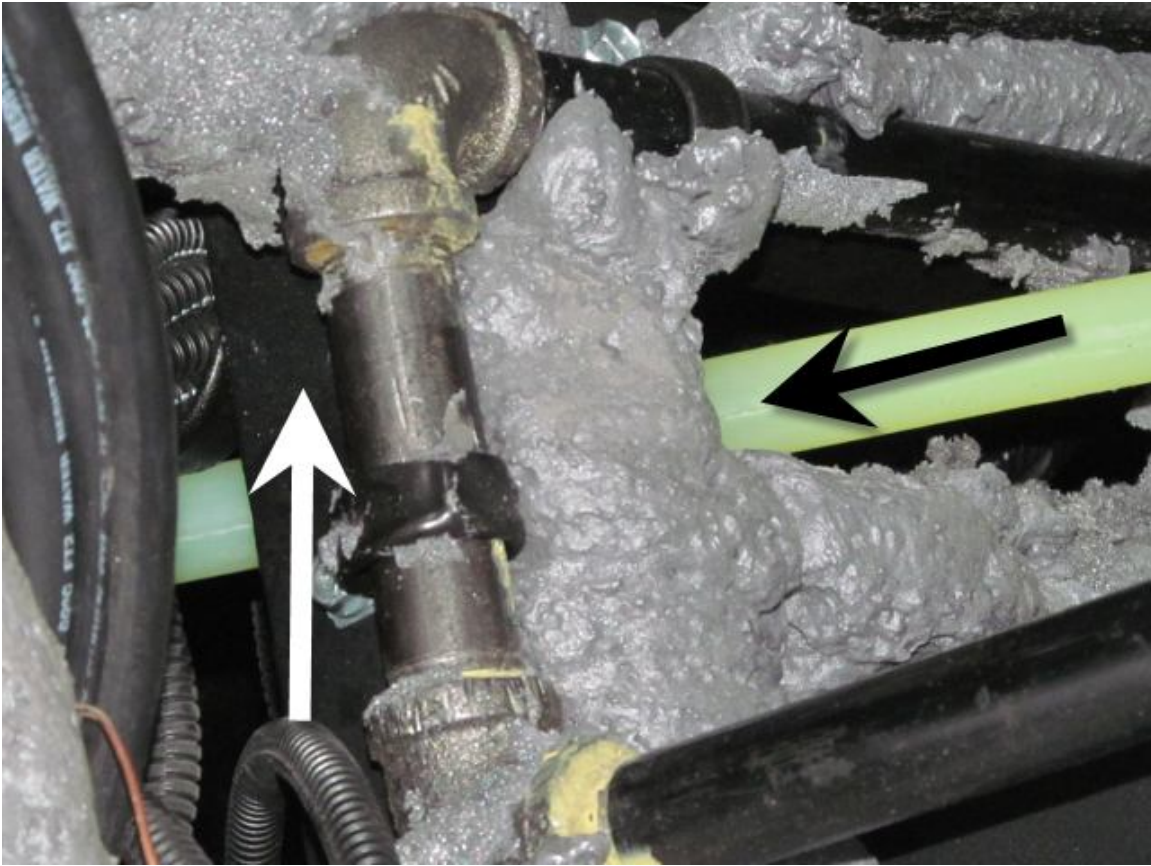
3. Place a bucket or pan to catch the anti-freeze that will drain from the line once it has been cut.
4. Cut the hydronic heat line near the driver's side frame rail and drain the anti-freeze from the two portions into the bucket or pan.



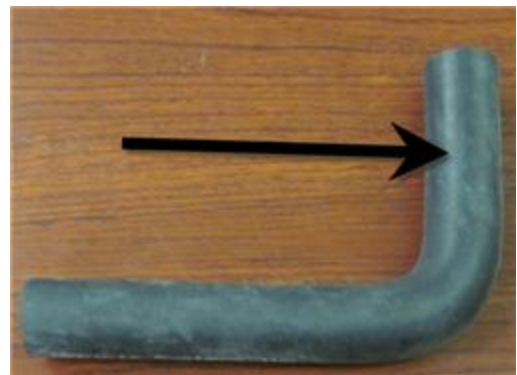
5. Thread the line back through the opening from which it currently is routed.



6. Thread the line through the opening on the opposite side of the vertical support. The second opening is 3-6 inches towards the center of the motorhome.



7. Cut the short leg off of the black tube.



8. Install one brass barb into the end of each section of the cut hydronic heat line.

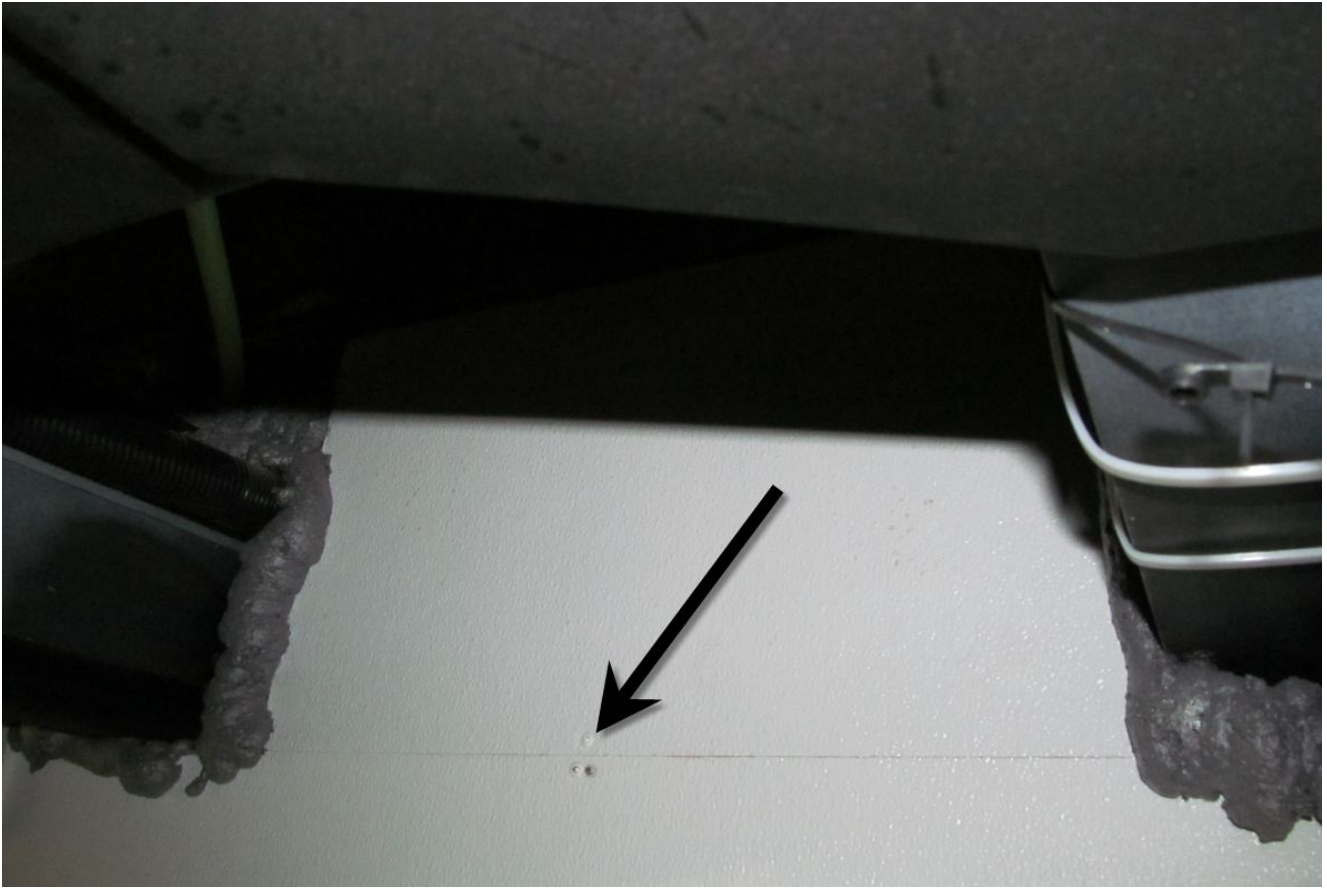
9. Slide two of the spring clamps onto each section of the hydronic heat line.

10. Insert the ends of the hydronic heat hose into the black rubber tube so that the two portions join in the middle.

11. With the pliers, clamp down on each spring clamp and slide them into position so that there are two clamps on the black rubber hose on each side of the splice.



12. Clean up any residual anti-freeze that may have spilled.
13. Re-install the access panel between the main frame rails.



14. Open the compartment with the hydronic heater and remove the cap to the reservoir for the anti-freeze.
15. Add anti-freeze to the reservoir.
16. Turn on the hydronic heat leaving the cap removed from the reservoir and allow the air to "burp" from the lines.
17. When the air has been "burped" from the lines be sure to replace the cap on the reservoir.