

TSB #	TSB 19-01		
Description/Title:	Dash Radio HDMI and USB Ports		
Affected Product Line(s):	Certain 2019 Model Year Freedom Elite motorhomes		
Service Campaign # :	RC000173	Released Date:	9/20/2019
Repair Codes:	Inspect: TMCTS80254Y Repair: TMCTS80254W	Document Date:	9/20/2019
Time Allowed:	Inspection: 0.1 Repair: 1.25	Document Revision:	A

Issue:

Dash Radio that was installed has a single round plug for a USB, but should have a square panel with a HDMI and USB port.

Part(s) Required:

TMC Part # 0450447 - HDMI & USB Port (includes round Ford dash fill plug blank)

Instructions:

1. Pull coach in to service bay and wheel chock the front and rear of the rear wheel.
2. Verify there is a single USB port in the round Ford dash plug in center dash console. If the plug is a blank and to the right is a HDMI and USB port, motorhome is okay and inspection is complete. If it has the USB only port, continue on to step 3.



3. Remove the knee panel (snap in) on the driver side below steering wheel.



4. Twist the knee panel and rotate to position between the brake and throttle pedal.



5. Remove the Drink holder off the dog house cover. (Figure 4) Grab drink tray and lift up it will unsnap from cover and set aside.



6. Turn ignition key on, but don't start engine. Put foot on the brake and lower gear shift into low gear all the way down. Pull the tilt Lever for steering wheel and tilt all the way down.



7. Locate the small square indent about four inches to passenger side of current USB port. You will use the 1 1/2" Hole Saw and make a hole. Top of hole should be at ridgeline.

NOTE: USE CAUTION NOT TO DRILL INTO THE DASH WIRES AND VACUUM LINES BEHIND IT.



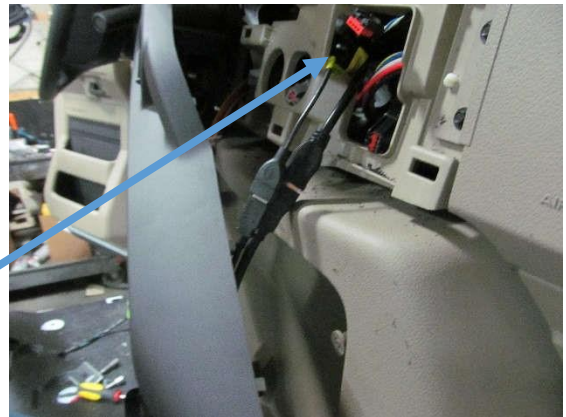
8. Grab the Bezel around dash area of the radio. Pull to pop out the Dash panel, grab over the steering wheel and pull out around dash cluster. (Figure 8)



9. Pull out slightly near radio and remove the four electrical plugs. A six-inch small blade screwdriver will assist in prying off electrical plugs. The vacuum lines to dash control can remain connected.



10. The current USB port in the Round filler hole of Ford dash will need removed. It should just pop out. Once removed, unplug from dash radio USB harness. Install blank filler plug supplied in kit into dash in place of removed plug.
11. Rotate the dash panel down towards where the drink tray was. This should gain access to the access hole behind where you drilled new hole. Feed the USB harness from radio through the hole.
12. Locate the HDMI plug harness on the back of the radio, should be next to the USB plug harness. Route it through the dash access hole



13. Plug new HDMI and USB port cables into the radio harness cable going through dash panel's new hole.



14. Rotate dash panel back into place using caution, starting with dash cluster area over steering wheel first. Once it is aligned and wires and harness are tucked in, snap dash panel into place.
15. Install knee panel back into place on driver side. Tilt steering wheel back up and put gear shift back into park. Turn off the ignition key.
16. Install new port into hole.



17. When installing the four screws in port, run screw gun in reverse with light pressure. Switch direction and run in with setting on very low torque and speed. If run on high speed, forward heat will turn black plastic white.



18. Install the drink tray back on the doghouse. Slip on and push down to snap into place.

