



2010 43QGP Allegro Bus

2/23/2014

104 - FYI – REPLACING THE AIR DRYER CARTRIDGE. Our coach has the Haldex PURest Air Dryer installed, the NORMAL change interval for the air dryer cartridge is normally on a three year (36 month) cycle. If your coach is operated in DRYER climates you may be able to EXTEND the change interval just as if the coach is operated in DAMPER climate the change interval may need to be SHORTENED.

Our coach was built during January 2010, as Tiffin's PROTOTYPE for the EPA 2010 Cummins engine. After the coach was built and tested the coach sat around Red Bay until October 2010, we purchased the coach on January 31, 2011. I used the time we've owned the coach as the change interval for the air dryer cartridge, three years. After removing the cartridge and seeing the amount of moisture in the air dryer dome I should have changed the cartridge sooner.

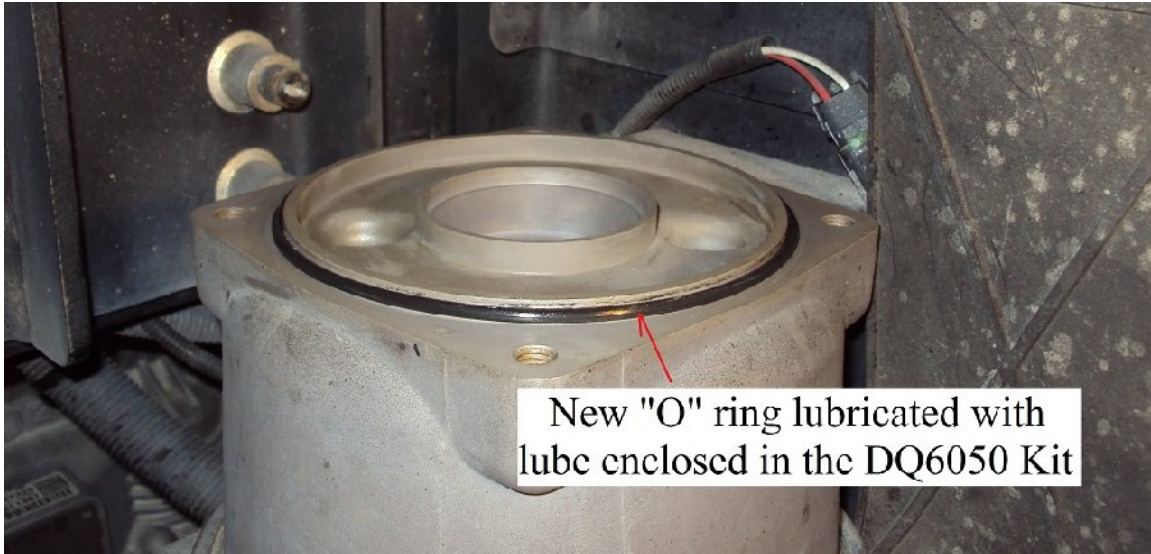




After removing the four mounting bolts, those bolts are disposed of, four NEW bolts are included in the DQ6050 kit, along with new cartridge, “O” ring and “O” ring lubricant.



As noted in the above photo, to remove the cartridge from the dome, push down and rotate the cartridge CCW to remove. When installing the new cartridge depress the cartridge then rotate CW to lock the cartridge in place.



After cleaning and installing the “O” ring the dome with new cartridge installed is settled over the air dryer. The four new bolts are screwed down equally hand tight. Then the bolts are each tightened a little at a time until the bolts are snug. A torque wrench is used to tighten the bolts to a MINIMUM torque of 35 ft. lbs and a MAXIMUM torque of 40 ft. lbs.



After the air dryer cartridge installation has been completed, the coach engine is started, air pressure is allowed to build until the compressor shuts down (audible air purge) then the engine is shut down to listen and observe the air gauges for possible air leaks. The cost for the DQ6050 kit including shipping was \$ 99.98 I was able to purchase the kit on E-bay.