



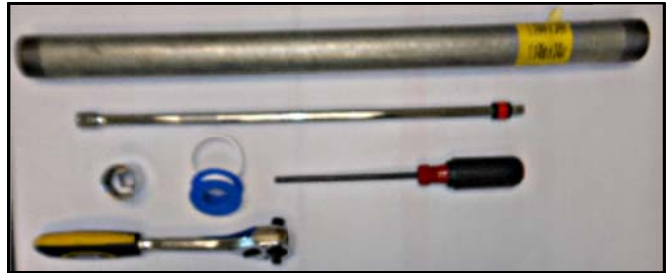
Anode Rod Replacement Instructions; Hybrid HB50- 1

⚠ CAUTION: *Draining your water heater for this procedure may put you at risk of being scalded by hot water. Please be careful when working on your water heater. If you are not comfortable with this procedure, call the services of a licensed plumbing contractor. Certain portions of this procedure may need to be performed to local codes. If you are not familiar with those codes, call the services of a licensed plumbing contractor.*

These instructions will walk you thru the replacement of an anode rod in the Hybrid Heat Pump HB50 water heater. **Make sure you turn off all power to the water heater before you start the procedure.** Once completed, make sure you check for leaks at the anode rod threads; and check again 24 hours later.

You will need the following tools:

- 1-1/16 inch socket
- Ratchet
- Minimum 14 inch ratchet extension
- 24" cheater bar or pipe
- Flat Blade Screwdriver
- Teflon tape or pipe dope



If you need assistance anytime during this repair, call our dedicated technical support line at 800-995-0982; M-F 8 am to 5 pm central time.

1. Turn water heater off at the circuit breaker.



2. Turn off the cold water inlet valve or isolation valve.



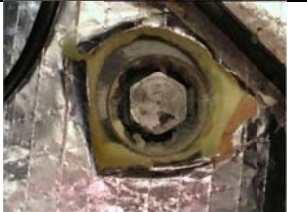



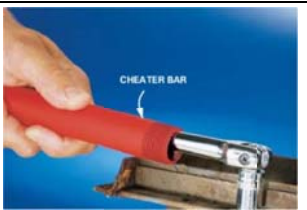


3. Open a hot water faucet to relieve system pressure inside the tank.





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<p>4. Drain approximately 1 gallons of water from the water heater's drain valve.</p>	
<p>5. Locate the anode rod position. You will need to remove the filter and fan cover. Look towards the rear of the evaporator coils and locate a plastic plug.</p>	
<p>6. Remove the plastic cap to expose the anode rod.</p>	
<p>7. If not clearly visible down to the tank shell, take a flat blade screwdriver and carefully remove the insulation and expose the anode rod head. Vacuum out the insulation material.</p>	
<p>8. Next, you will need a 1 1/16 inch socket.</p>	
<p>9. Using a 1-1/16 inch socket, remove the anode rod by turning it counterclockwise. (Have a rag handy because there will be some seepage of water from the anode rod location.)</p>	
<p>10. In most cases, you will need a long cheater bar to break the initial seal on the anode rod.</p>	



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11. Lift the anode rod out of the tank. **CAUTION: Anode rod may be hot!**

It will probably show some signs of deterioration; something like a half dissolved alka seltzer.



12. Prepare the replacement anode rod with pipe dope or Teflon tape. Reseat the anode into the tank and start to tighten.



13. Tighten the anode rod completely with the 1-1/16 in socket. (Remember, lefty loosy; righty tighty)



14. Turn cold water supply back on; purge the tank thru the open faucet for @ 1 minute; then close the faucet and check for leaks around the anode rod. Turn circuit breaker back on.



15. If there are no leaks, replace the plastic cap on the top pan; clean filter assembly and replace fan and filter assembly. Check for leaks again in 24 hours.

