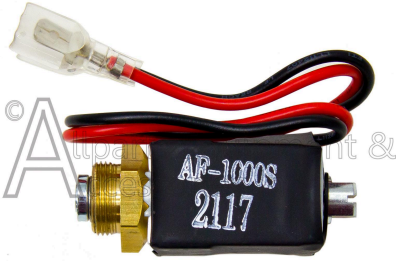


## AF-1000S Solenoid Replacement Instructions



1. Remove batteries from the receiver.
2. Disconnect red and black wires from the AF-1000S solenoid connections coming from the receiver box.
3. Remove the E-clip on the top of the stem that holds the old solenoid on the valve.
4. Slide the old black 2-wire solenoid magnet off from the valve's stem of the gas valve.
5. Slide a thin-walled deep well 20mm socket over the solenoid valve shaft and turn counterclockwise to carefully remove the solenoid valve.
6. Inspect the inside gas valve for any type of debris before installing the new AF-1000S solenoid.
7. Install the new solenoid valve with the silver piston and spring exposed carefully and start tightening by hand to align threads.
8. With a 20 mm deep well socket, tighten the solenoid valve to 85 inch pounds.
9. Slide the new AF-1000S 2 wire black solenoid magnets back onto the stem in the same direction as the one you took off.
  - a. **Note:** This would be the smooth side facing up away from the gas valve.
10. Install the E-clip back on the stem and make sure the clip is securely in the groove.
11. Reconnect wires in the same order and to the same color as they were removed.