

# ST900 » Gas Conversion Instructions

## NEW ZEALAND EDITION

1. Remove the ST900 Fascia and Glass as described in the Installation Manual. Remove the fuel bed media (coals).
2. Remove the Burner by removing the screw holding it in place on the left hand side of the firebox as shown in fig.1, and then lifting the burner upwards and out of the firebox taking care not to scratch the firebox paint.
3. Using a 7mm spanner remove the burner jet from the right hand side of the firebox, as shown in fig.2, and replace it with the jet supplied in the Gas Conversion kit.
4. Fit the Natural Gas burner supplied in the Gas Conversion kit by placing it inside the firebox, taking care not to scratch the paint, and replace the screw on the left hand side as shown in fig.1.
5. Using an 11mm spanner, undo the fitting at the top of the pipe running from the brass copreci valve to the pilot as shown in fig.3.

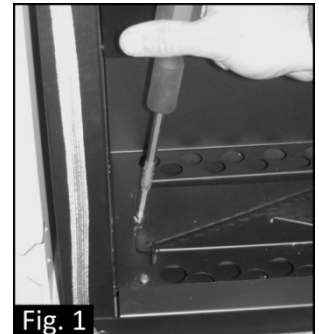


Fig. 1



Fig. 2

6. Push the pipe downwards so that you can remove the Pilot Jet pictured in fig.4, taking care the olive stays on the end of the pipe and is on the correct way as shown. Replace the Pilot Jet with the one supplied in the Gas Conversion Kit by putting it on the end of the olive and pushing the pipe back up into position and securely tightening the pilot gas pipe fitting. If the pipe will not push down it may be necessary to slacken the nut on the other (valve) end of the pipe, or remove the control box cover by removing the 2 screws at the front.



Fig. 3

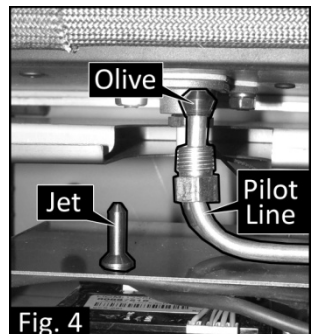


Fig. 4

7. Take the regulator spring out of the regulator (located beneath the pilot) by unscrewing the Pressure Adjustment knob completely. Swap the spring inside with the spring supplied with the Gas Conversion kit and replace the adjustment screw.

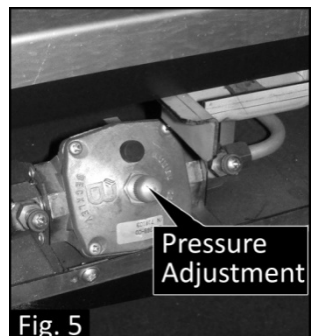


Fig. 5

8. Replace the firebox glass and burner media (coals), set the gas pressure as per the instructions in the Installation manual, and leak test the pilot line.
9. **Using the Aeration Adjustment Collar:** On the Natural Gas burner tube, on the right hand side, you will find a small ring; This is the Aeration Adjustment Collar. If you find the flame picture/colour is not as desired, this can be adjusted to suit. Unscrew the grub screw and slide the collar left or right over the aeration hole on the burner tube until you have a clear flame with rounded yellow tips with no lift-off (with the glass in place), then tighten the grub screw until secure.