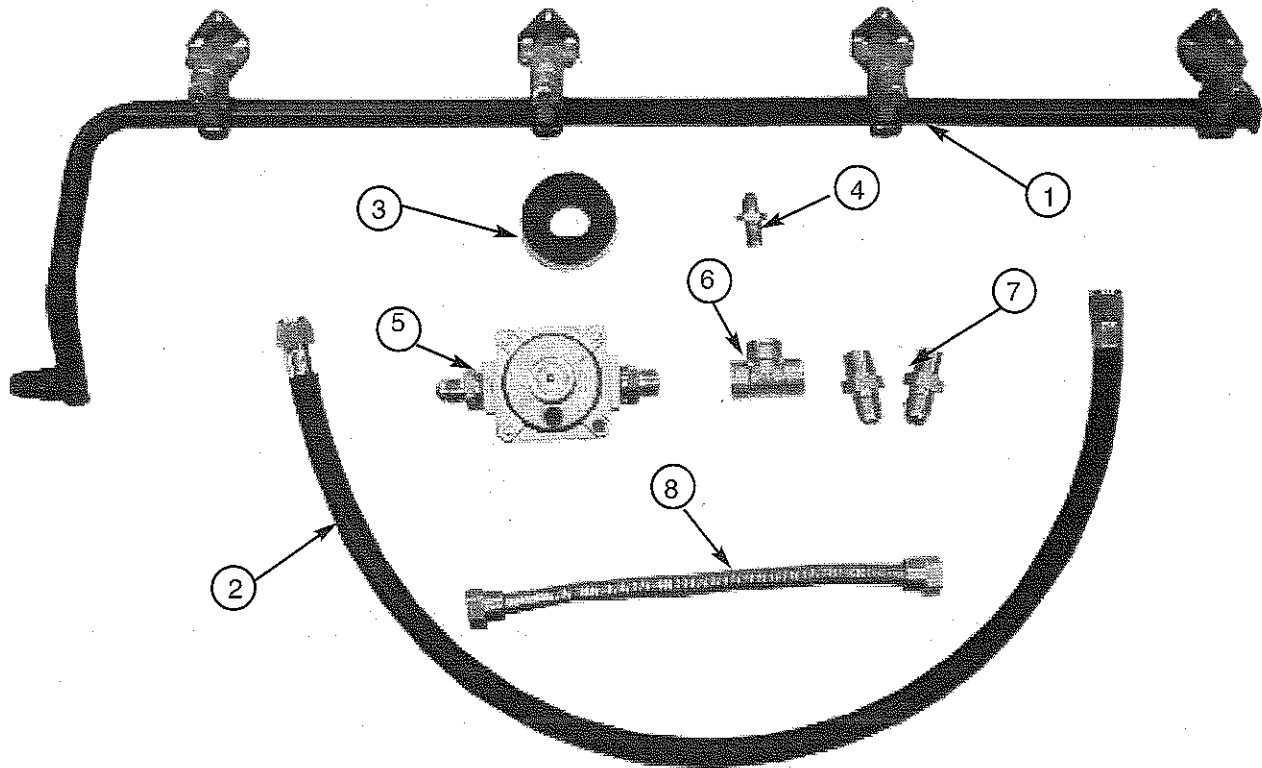




# CS892 Natural Gas Conversion Manual

## FOR OUTDOOR USE ONLY



Part No.	Qty	Description
1	RCOZZ00529A	1 Main Burner Valve & Manifold Assembly with Valves (NG)
2	RCOZZ00103A	1 Hose 27" - (NG)
3	RPAZZ00002A	1 Thread Sealing Tape
4	RCODZ00064A	1 Side Burner Orifice (NG)
5	RCOZZ00117A	1 NG Regulator
6	RCOAZ00021A	1 Tee Fitting
7	RCODZ00024A	2 Connector 3/8" NPT x 5/8" UNF
8	RCOZZ00533A	1 Flex Line



NOTE: Images in this manual may differ slightly from your grill.

# CS892 Natural Gas Conversion Instructions

## **Tools Needed:**

Phillips head screwdriver  
3/4" wrench  
1/4" wrench or socket  
Adjustable wrench

\* 1/4" socket set with extension can also be used.

**Be sure gas supply is off, the knobs are in the off position and the grill is cool.**

**Wear a glove to be protected from the sharp edges of the interior parts.**

**To get started, remove all the control knobs and set aside.**

**NOTE: Make sure to use supplied pipe sealant on all non-flared fittings.**

1. Use a 3/4" wrench disconnect the hose from the side burner valve and pull the hose back into the cart. (See Fig. 1)
2. Use a 3/4" wrench to disconnect the other hose from the manifold. (See Fig. 2)
3. Disconnect the igniter wires underneath the side burner shelf. Then unscrew the push button cap on the side burner shelf control panel, take out the battery and unscrew the plastic nut to remove igniter module. (See Fig. 3)
4. Remove the seven (7) Phillips pan head screws on the side burner cart front and back panels. (See Fig. 4)
5. Loosen the four (4) hex head screws on the right side of grill head assembly under the side burner shelf for approximate 0.5". Then lift and take off the side burner cart and set aside. (See Fig. 5)
6. Repeat Steps 4-5 to take off the side shelf cart and set aside.

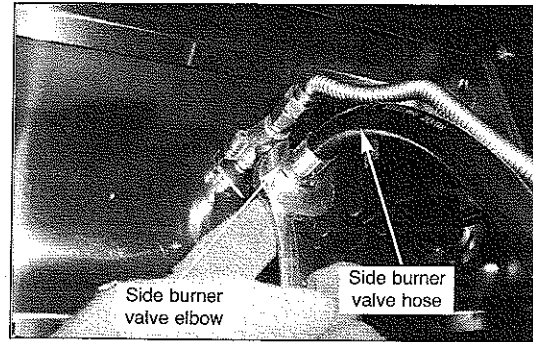


Fig 1

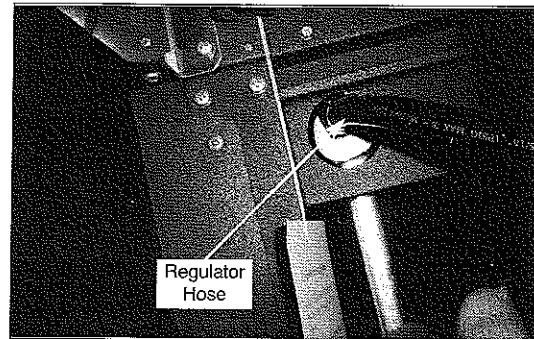


Fig 2

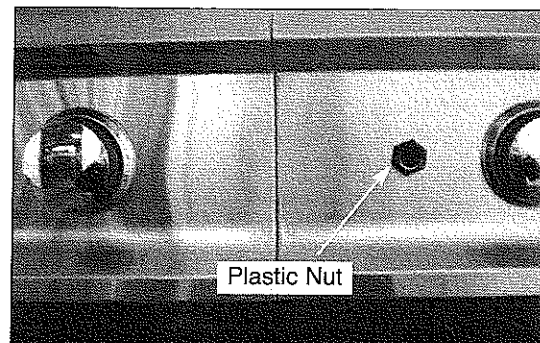


Fig 3

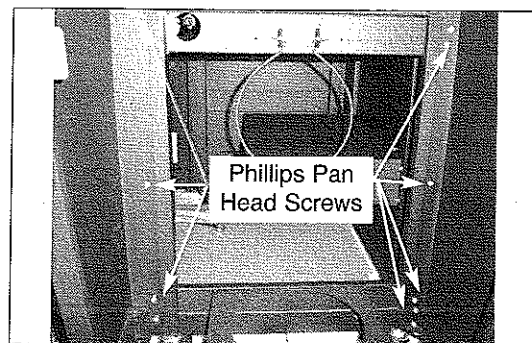


Fig 4

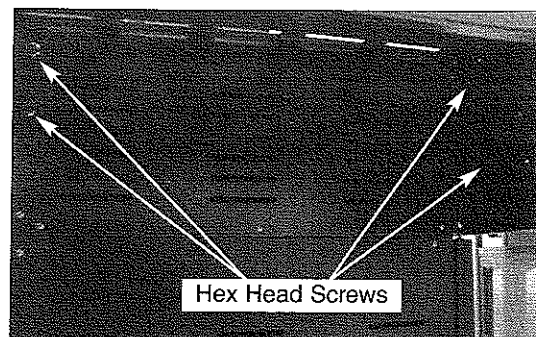


Fig 5

# CS892 Natural Gas Conversion Instructions

7. Remove the four (4) knobs on the front control panel. (See Fig. 6)

8. Remove the six (6) Phillips pan head screws at both sides of the the front control panel. Let a friend help you to pull the front control panel out and hold it. (See Fig. 7)

9. Take off the front control panel, use a screw driver to remove the eight (8) screws securing the bezels and the manifold in position. (See Fig. 8)

10. Replace the manifold with the one provided in the NG conversion kit. Use the eight screws removed in step 9 to attach the bezels and manifold onto the front control panel.

**NOTE: Make sure the "OFF" position is facing up.**

11. Attach the front control panel onto the grill head assembly by inserting the extended tube of the manifold into the large slotted hole on the grill head bottom. (See Fig. 9)

12. Push the front control panel back in position, make sure the orifices of the valves into the main burner tubes. Then use the Six (6) screws removed in step 7 to secure the front control panel in position. (See Fig. 10)

**Note: Be careful, applying pressure to the elbow of the valve may cause it to break.**

13. Attach the side burner cart onto the grill head assembly, and tighten the seven (7) Phillips pan head screws on the side burner cart front and back panels. Then tighten the four (4) screws with a wrench. (See Fig.4-5 on page 2)

14. Repeat Step 13 to attach the left side shelf cart onto the grill head assembly, and tighten the four (4) screws with a wrench. (See Fig. 4-5 on page 2)



Fig 7

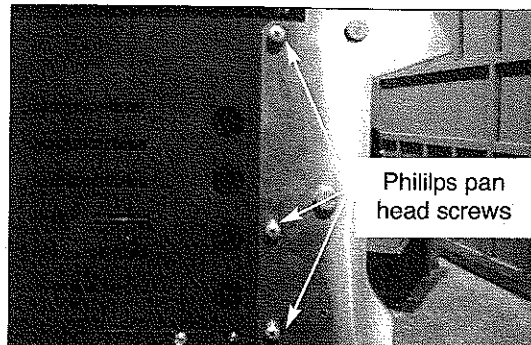


Fig 6

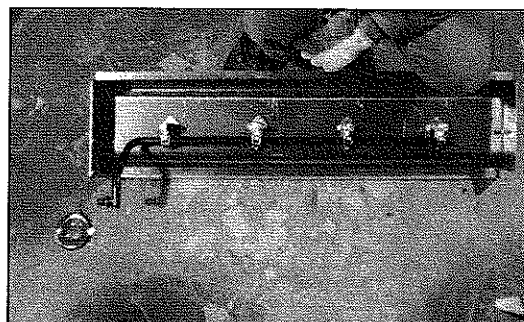


Fig 8



Fig 9

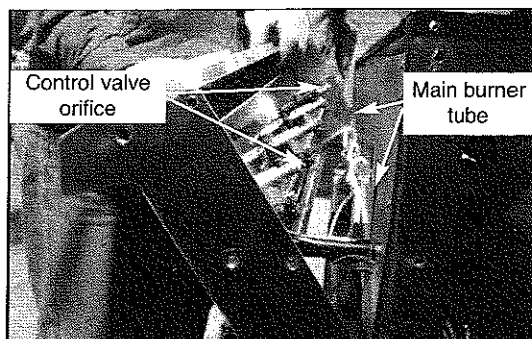


Fig 10

# CS892 Natural Gas Conversion Instructions

15. Open the side burner door, remove the two Phillips pan head screws holding the side burner orifice bracket in position. (See Fig. 11)
16. Unscrew the nut securing the bracket on the side burner orifice. (See Fig. 12)
17. Use a wrench to remove the side burner orifice from the flex line and replace it with the NG orifice provided in the kit. (See Fig. 13)
18. Use the nut removed in step 16 to secure the bracket onto the side burner orifice. (See Fig. 12)
19. Use the two screws removed in step 15 on page 4 to secure the bracket in position. (See Fig. 11)
20. Reinstall the igniter module in position and feed the battery with negative (-) end first. Reconnect the igniter wires to the igniter module. It does not matter which terminal tab is used when connecting igniter wires.
21. Attach the flex line provided in the kit to the manifold. (See Fig. 14)
22. Attach the Connector 3/8" NPT x 5/8" UNF provided in the kit to the tee fitting provided in the kit as shown. Tighten with wrench. (See Fig. 15)

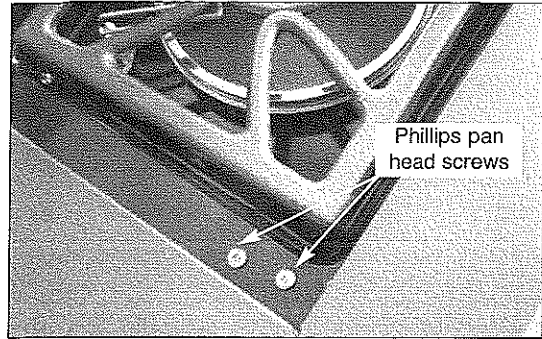


Fig 11

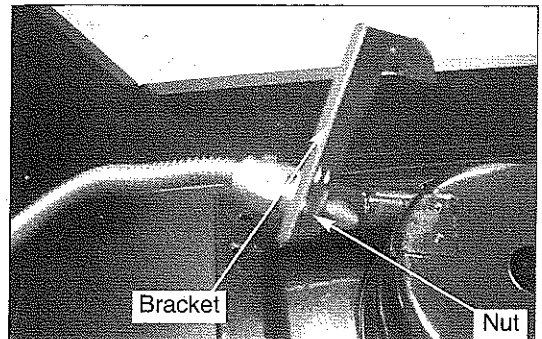


Fig 12

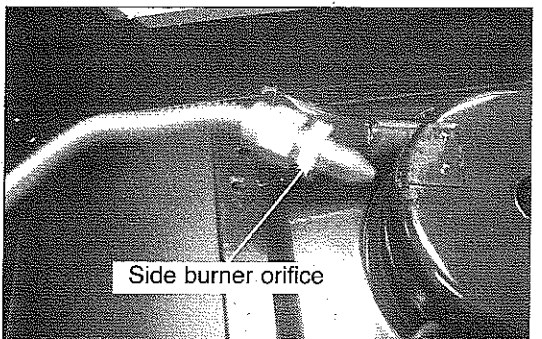


Fig 13

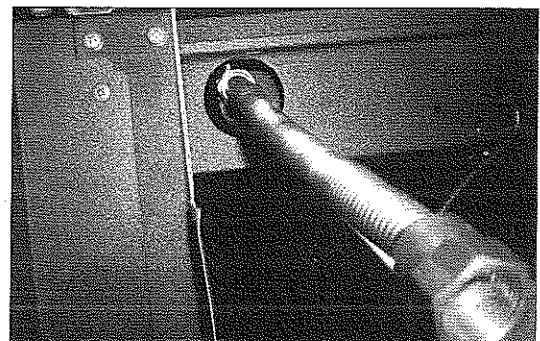


Fig 14



Fig 15

# CS892 Natural Gas Conversion Instructions

23. Attach the Connector 3/8" NPT x 5/8" UNF to the flex line as shown. Tighten with wrench. (See Fig. 16)

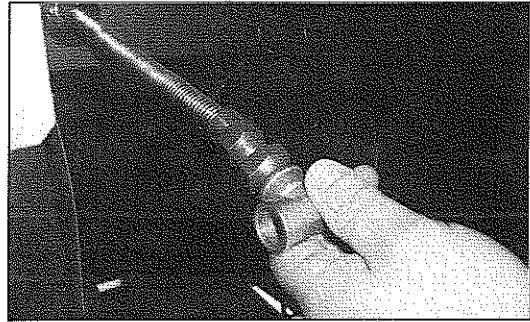


Fig 16

24. Attach the other Connector 3/8" NPT x 5/8" UNF provided in the kit to the Tee fitting as shown. Tighten with wrench. (See Fig. 17)

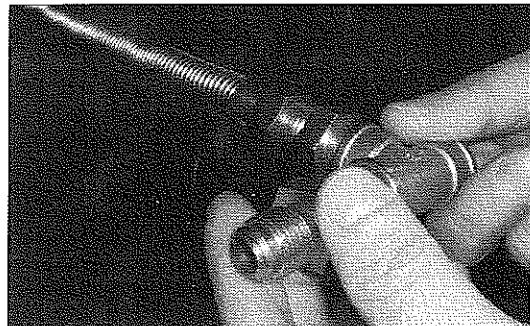


Fig 17

25. Attach the NG regulator provided in the kit to the other end of Tee fitting as shown. Tighten with wrench. (See Fig. 18)

**Note:** pay attention to arrow on the NG regulator indicating direction of gas flow. The arrow should point toward the grill.

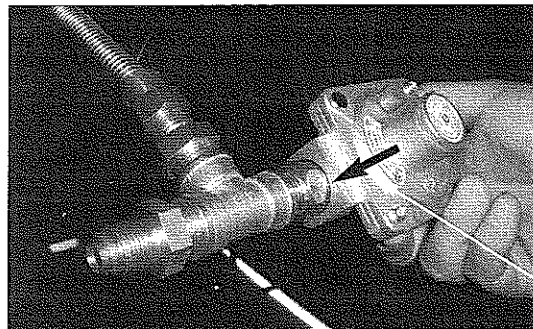


Fig 18

arrow on  
the back of  
regulator

26. Attach the hose provided to the Connector 3/8" NPT x 5/8" UNF. Tighten with wrench. (See Fig. 19)

26. Attach the other end of the hose to the side burner valve. Tighten with wrench. (See Fig. 1 on Page 2)

27. Reattach all the control knobs in position.

**Note:** At the completion of the conversion, a leak test should be performed on all fittings. See Use and Care manual for leak testing procedure.

**Installation is now complete.  
Enjoy your grill safely.**

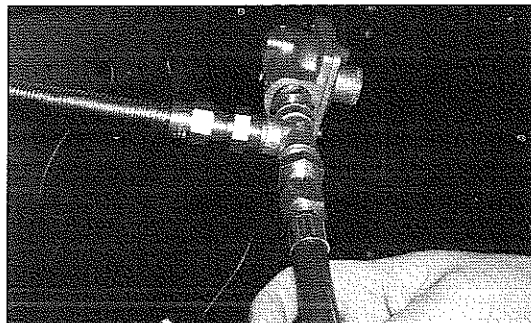


Fig 19