



MARSHALL GAS CONTROLS 250 AUTO CHANGEOVER FUNCTION TEST

TO TEST THE AUTOCHANGEOVER REGULATOR FUNCTION, FOLLOW THE STEPS LISTED BELOW.

1. Make sure all appliances and pilot lights are turned off.
2. Have gas in both cylinders.
3. Have both pigtails connected to the cylinder valves.
4. Rotate the cylinder selector lever all the way toward the cylinder that you want to use first, this will be your “service” cylinder (*we will call this cylinder “A”*). The other cylinder will be your “reserve” cylinder (*we will call this cylinder “B”*).
5. Open both cylinder valves and wait until the indicator turns green before attempting to light an appliance. If you try to light an appliance before the indicator has turned green, you will have low gas pressure feeding your appliances.

NOTE

On systems that have one cylinder mounted next to the regulator and the other cylinder mounted on the opposite side of the coach, or systems that have long high pressure lines you may have to wait an additional minute or more.

6. We need a demand on the system throughout the test. Do not light the furnace or water heater, they may reach temperature before the test is completed and shut down. Instead light two or three range burners and leave them running until the test is completed. Observe the burner flames, they should be blue with slight yellow tips.
7. Go to the regulator and we will simulate running out of gas in the cylinder that we have selected as our service cylinder (*A*) by closing its cylinder valve. The changeover indicator should slowly turn red. Once the indicator has turned red, go inside and check the burner flames, they should look exactly as they did before.
8. Go back to the regulator and rotate the selector lever toward the reserve cylinder (*B*). It is now your new service cylinder. As soon as you rotated the selector lever, the indicator should have turned green.
9. Once the indicator has turned green, disconnect the pigtail from cylinder (*A*). There should be no gas coming out of the disconnected pigtail.
10. If there is no gas coming out of the disconnected pigtail, then reconnect the pigtail to cylinder (*A*). Open its cylinder valve. This simulated removing the empty cylinder, having it refilled and putting it back in service.

Now, repeat steps seven through ten, starting with cylinder (*B*).

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