

GE ZENITH Controls

Replace the Disconnect Switch	
Purpose:	To replace a defective disconnect switch.
When:	When directed by a service order.

Required Tools & Equipment:	
Basic electricians hand tools	PPE
Disconnect switch	Rubber insulating gloves class 0
	Safety glasses
	Electrical hazard safety shoes

 Danger
HAZARDOUS VOLTAGE Can Cause Severe Injury or Death Ensure before the enclosure is opened, you must lockout all energy sources to the ATS.

Do These Steps:

1. *Obtain* the proper documentation.
2. *Open* the enclosure.
3. *Place* the disconnect switch to “Inhibit”.

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4. Remove plug J8 from the RT box.

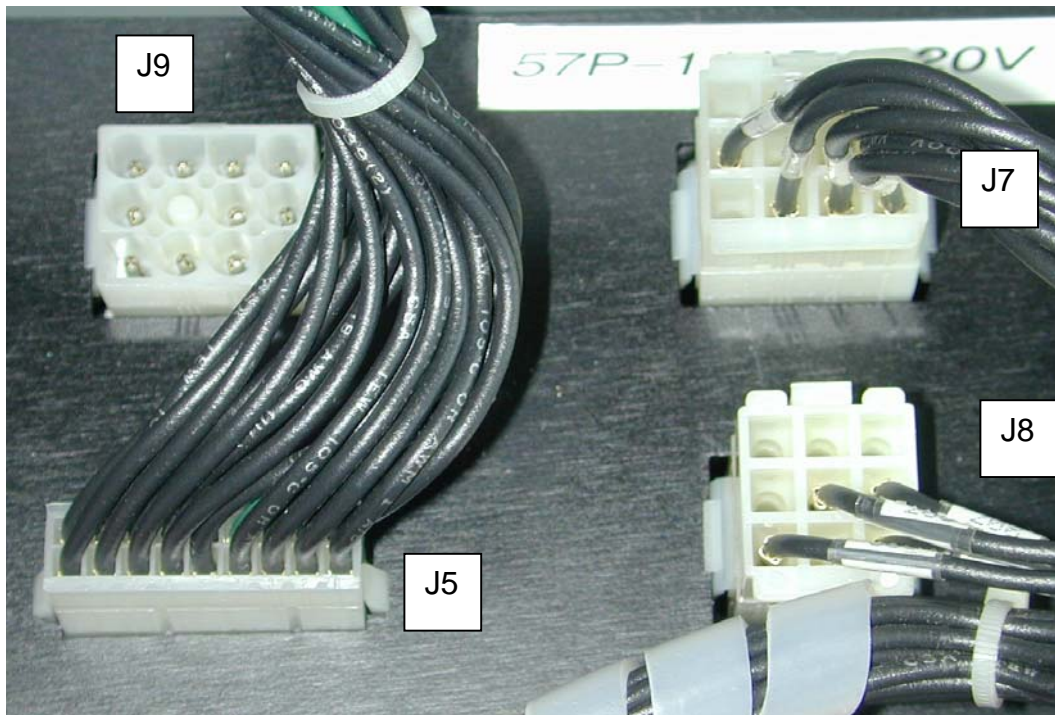


Figure 1.

5. Remove the disconnect switch from it's housing.

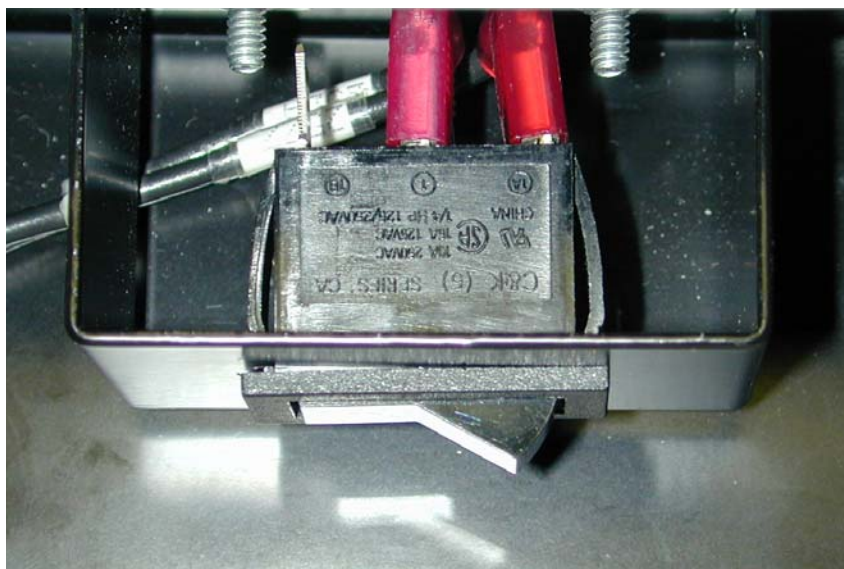


Figure 2.

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6. Remove the “FASTON” connectors from the disconnect switch.



Figure 3.

7. Obtain the new disconnect switch.
8. Connect the “FASTON” connectors to the disconnect switch.

Note: Use terminals 1 and 1A.

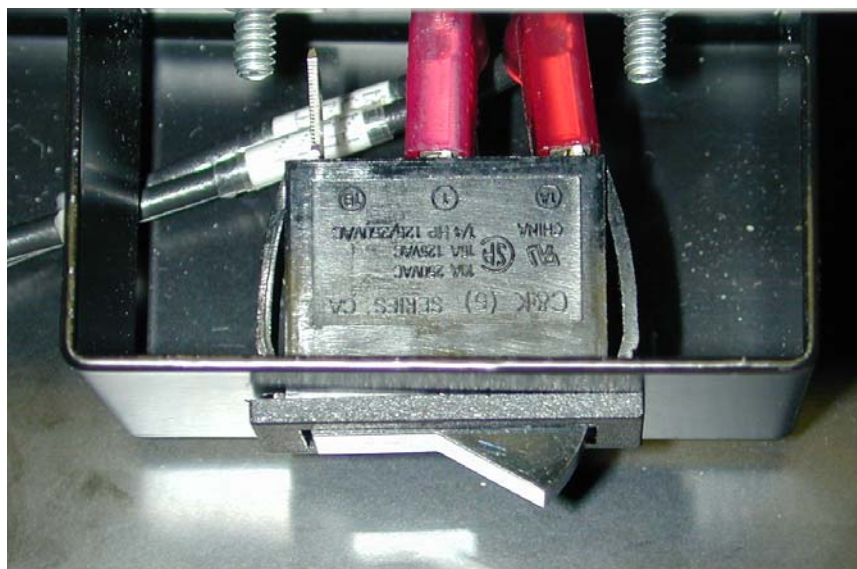


Figure 4.

9. Install the disconnect switch into it's housing.
10. Place the disconnect switch to “Inhibit”.

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11. *Connect J8 to the RT box.*

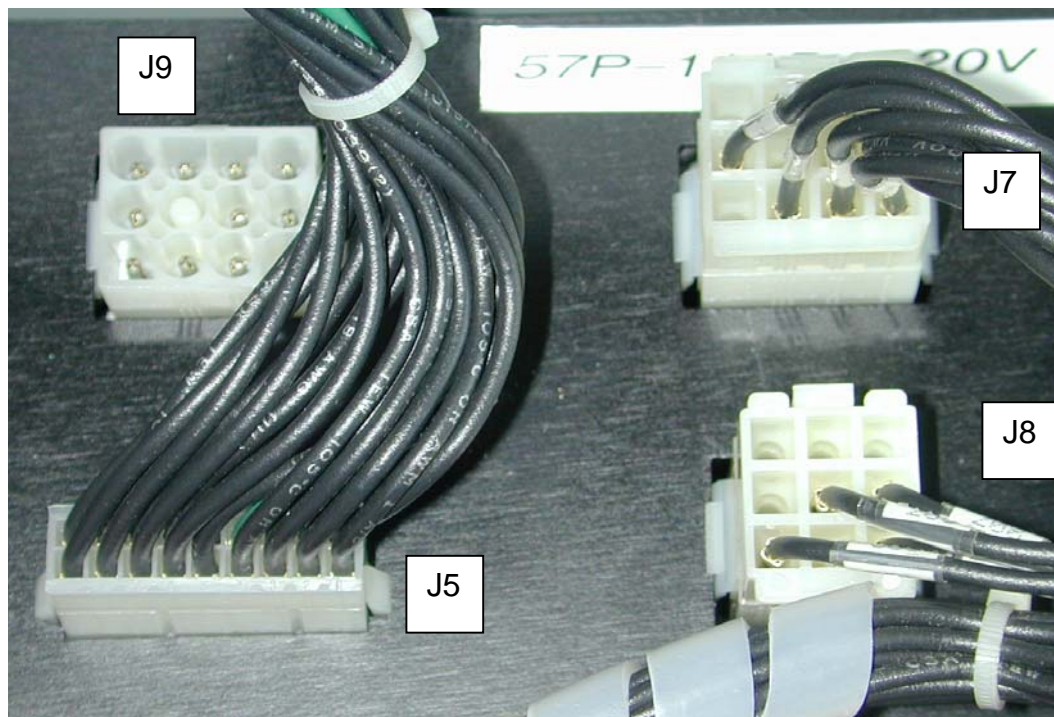


Figure 5.

12. *Place the disconnect switch to "Auto".*

13. *Close the enclosure.*

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14. *Push and hold* the test pushbutton.

Note: After the time delay switch should automatically transfer to the emergency position.

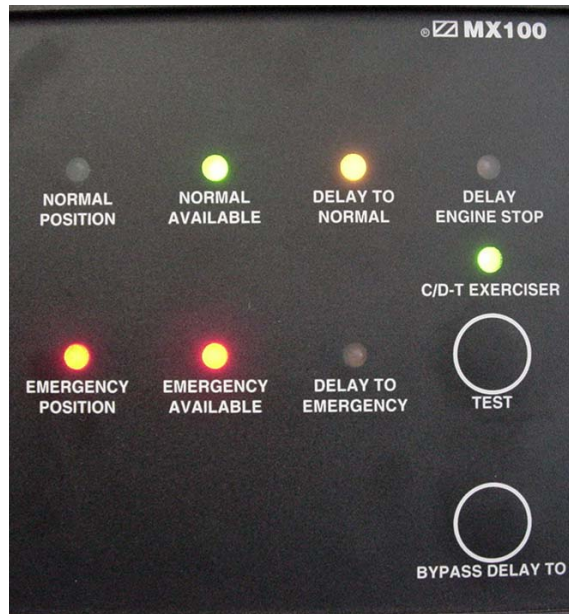


Figure 6.

15. *Release* the test pushbutton.

Note: Once you release the test pushbutton and after the time delay, the ATS should return to the normal position.



Figure 7.

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16. *Clean-up* the area.

17. *Complete* the Service Report.

18. *Send* Reports to GE Zenith Controls.

You know you are completed when:

The transfer switch is secured and operating properly.

The tools are stored.

The reports are completed.