



# Electrical Check for Pigtail Cable Assemblies

For Warner Electric  
MagStop Clutch/Brakes

Some versions of Warner Electric MagStop clutch/brakes have wires molded directly into the coil assembly. Other MagStop clutch/brakes have a female connector molded into the coil assembly and are supplied with an additional "pigtail cable assembly." To prevent replacement of the entire clutch when only the pigtail is defective, please use either test method listed below. For either test listed it is suggested that the wires be moved back and forth so that any intermittent "open" condition would be identified. The clutch can be ohm checked by itself, and the addition of the "pigtail" should only add 3-4 tenths of an ohm of resistance. If either an open condition or high resistance is found replace the pigtail.

## VOM Continuity Test

1. Check to see if your meter is performing as designed.
2. Set the meter to the continuity setting, touch the meter leads together and listen for audible sound. If audible sound is heard please proceed to test of pigtail.
3. With the cable assembly removed from the clutch attach the meters lead wires to each end of the same conductor. With the meter connected in this fashion the meter should indicate continuity with a sound.
4. Repeat this test with the second conductor in the pigtail. Both of the conductors should show continuity. If either conductor does not indicate continuity, replace the "Pigtail."

## Test Light Continuity Test

1. Check to see if the test light is performing as designed.
2. Indicator light should come on when test leads are touched together. If light performs as specified please proceed to test pigtails.
3. With the cable assembly removed from the clutch attach the lead wires to each of the same conductor. With the test light connected in this fashion the light should come on.
4. Repeat this test with the second conductor in the pigtail. Both of the conductors should show continuity. If either conductor does not indicate continuity, replace the "Pigtail."



[www.warnerelectric.com](http://www.warnerelectric.com)

449 Gardner Street  
South Beloit, IL 61080 - USA  
815-389-6691  
Fax: 815-389-2582