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## **Use of GA Series Generators with Transfer Switches**

**BACKGROUND:** Some users of GA-Series generators may have applications requiring connection to an electrical panel using a transfer switch as backup power for a residence or building.

**CAUSE:** As currently designed, GA-series generators cannot be used with transfer switches. The generators use a neutral bond to ground to meet OSHA jobsite requirements. Residential and commercial electrical panels also use a neutral bond to ground. This redundancy causes the GFCI relay to immediately trip the generator's main circuit breaker.

**Can the generator be rewired?** If the generator is rewired, there is a risk of electrocution when the generator is used for applications other than supplying back up power to a residence or building. Multiquip will not provide instruction on how to alter the generator wiring and does not recommend end users attempting to circumvent the neutral bond for safety reasons.