

GE Consumer & Industrial Service Bulletin

LAUNDRY - HYDROWAVE WASHERS HL 01-09

JANUARY 2009

OPEN COIL ON MODE SHIFTER ASSEMBLY

Symptoms:

- Wash basket spins in agitate
- Excessive splashing sound

These symptoms can be caused by the motor inverter sending excessive current to the mode shifter coil and opening the coil circuit.

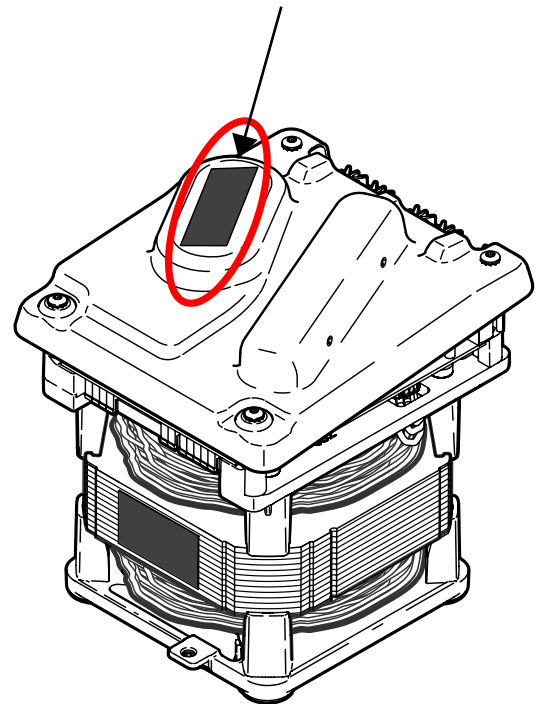
This can occur if the customer has lifted the lid during disengage and lifts the lid again during engage for agitate or rinse. Note that some models engage the mode shifter during the fill portion of the cycle.

Check the resistance of the mode shifter coil. If there is no resistance, the coil is open and the mode shifter assembly must be replaced. In addition to the mode shifter, replace the motor inverter assembly if the part number on the motor label is one of the following:

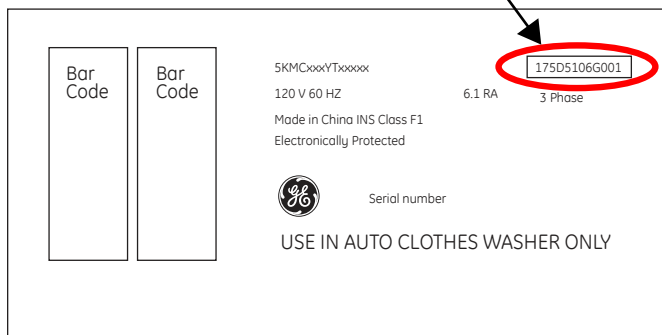
175D5106G014
175D5106G015
175D5106G016
175D5106G026
175D5106G027
175D5106G028
175D5106G029
175D5106G030
175D5106G031

NOTE: Some motor inverter assemblies have a second label on the top cover with a different part number. Always use this top label (if present) to determine the current motor inverter assembly part number.

Part Number



Part Number



Motor Inverter Label



GE Appliances
General Electric Company
Louisville, Kentucky 40225

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Hydrowave Motor Inverter Chart

| Model Type | Original Motor | | Replacement Motor | | |
|---|----------------|----------------|-------------------|-------------|----------------|
| | Label Color | Drawing Number | Part Number | Label Color | Drawing Number |
| Single-speed electromechanical WCSR2090 models (G1 and later) (ex. WCSR2090 G1 WW) | Blue | 175D5106G002 | WH20X10036 | Blue | 175D5106G008 |
| | Blue | 175D5106G008 | WH20X10044 | Blue | 175D5106G029 |
| | Blue | 175D5106G013 | | | |
| | Blue | 175D5106G028 | | | |
| Two-speed electromechanical (ex. WBSR3140 G1 WW) F3 commercial models (ex. WCCB1030 F3 WC) | White | 175D5106G001 | WH20X10030 | White | 175D5106G001 |
| | White | 175D5106G007 | WH20X10035 | White | 175D5106G007 |
| | White | 175D5106G010 | WH20X10043 | White | 175D5106G027 |
| | White | 175D5106G026 | WH20X10051 | White | 175D5106G037 |
| | White | 175D5106G036 | | | |
| 2006 & 2007 Electronic 2007 Energy Star | Yellow | 175D5106G004 | WH20X10034* | Yellow | 175D5106G004 |
| | Yellow | 175D5106G009 | WH20X10037* | Yellow | 175D5106G009 |
| | Yellow | 175D5106G011 | WH20X10041 | Red | 175D5106G014 |
| | Red | 175D5106G015 | WH20X10045 | Yellow | 175D5106G031 |
| | Yellow | 175D5106G030 | WH20X10052 | Yellow | 175D5106G039 |
| | Yellow | 175D5106G038 | | | |
| 2008 Electronic 2008 Energy Star | Red | 175D5106G014 | WH20X10041 | Red | 175D5106G014 |
| | Red | 175D5106G015 | WH20X10045 | Yellow | 175D5106G031 |
| | Yellow | 175D5106G021 | WH20X10052 | Yellow | 175D5106G039 |
| | Yellow | 175D5106G022 | | | |
| | Yellow | 175D5106G030 | | | |
| | Yellow | 175D5106G038 | | | |
| Commercial H models (ex. WMCD2050 H2 WC) | Green | 175D5106G016 | WH20X10040 | Green | 175D5106G016 |
| | Green | 175D5106G034 | WH20X10047 | Green | 175D5106G034 |
| | Green | 175D5106G040 | WH20X10053 | Green | 175D5106G040 |
| International 240V | Orange | 175D5106G005 | WH20X10033 | Orange | 175D5106G005 |
| | Orange | 175D5106G012 | WH20X10046 | Orange | 175D5106G033 |
| | Orange | 175D5106G032 | | | |

NOTE: The replacement part number in **BOLD** is the latest supersedure for that model type.

* Do not use the older yellow label motors (WH20X10034 or WH20X10037) to replace a new version red or yellow original motor (175D5106G011, G014, G015, G021, G022, G030, G031, G038, G039)