

Service Bulletin

JANUARY 2008

LAUNDRY:
ALL HYDRO WAVE MODELS
(INVERTER MOTOR)

HL 01-08

LOOSE HUB NUT AND 2 FLASH ERRORS ON THE INVERTER MOTOR

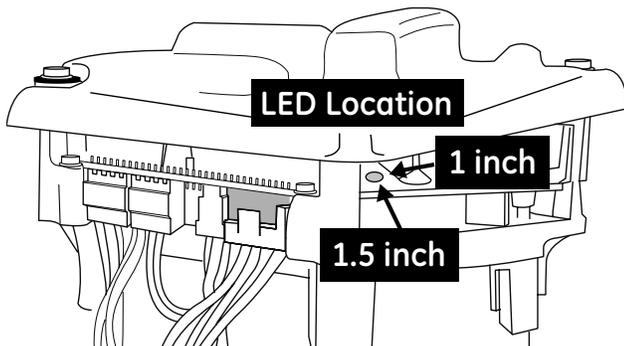
Symptoms:

- Clothes not spinning out
- Clothes too wet
- Loud Noise
- Washer Dead/Not Working

The following is an updated procedure for fixing loose hub nuts on hydrowave style inverter driven top-load laundry models.

1. Remove the agitator and agitator coupling.
2. Remove the hub nut and basket.
3. Remove the split ring and hub washer.
4. Order and install a new hub washer WH2X1199.
5. Order and install a new split ring WH2X1195.
6. Inspect hub on basket. If not damaged, it can be re-used. In some cases, the basket hub has sufficiently worn and will need to be replaced. The plastic basket hub is WH45X10027. The SS basket and hub comes together as WH45X10060.
7. Order and install a new hub nut WH2X1193. Tighten hub nut with impact wrench. Torque should be 110 ft-lbs.

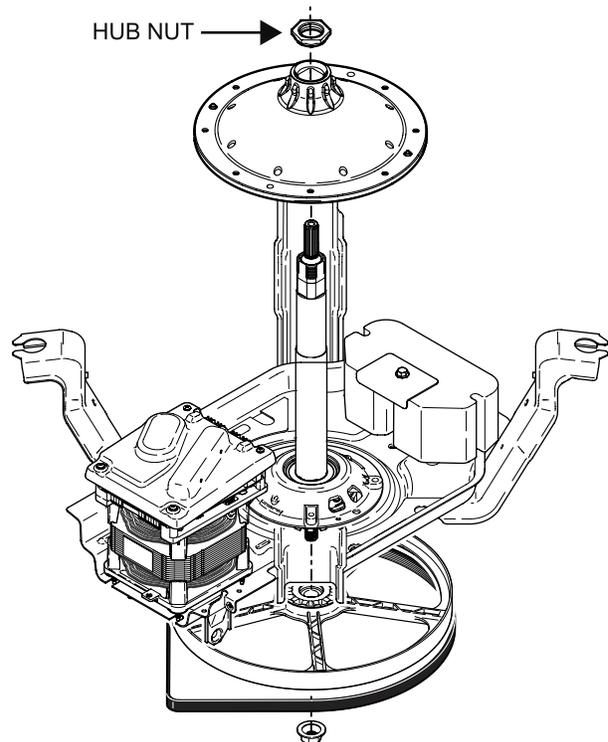
Some of these units will stop working after the motor/inverter detects a loose hub nut/belt slipping condition. In these cases, the motor LED will display a 2-flash error. In these cases, the motor is OK, but the error code needs to be cleared.



To clear the motor/inverter error code:

1. Washer cannot be in agitate or spin state.
2. Disconnect the washer from power and wait approximately 15 seconds to hear the capacitor discharge with a click.
3. Reconnect the washer to power and allow the relay to click. (Approximately 2-3 seconds).
4. Open and close the lid 5 times or more within a 12 second period of time (this must happen within 30 seconds of re-connecting power).

The LED is best viewed by getting close to the motor and looking from the right front side just under the metal shield that protects the board. The LED cannot be seen when there is no power to the washer nor is it visible with a flashlight. It is best seen in less lighted area while mounted in the unit.



GE Appliances
General Electric Company
Louisville, Kentucky 40225

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