

# New Electromechanical Icemaker

Electromechanical  
WR30X10093  
*Supersedes*  
Electronic  
WR30X10061

Note: The two icemakers are *interchangeable*. The WR30X10061 operates in refrigerators produced with the electromechanical model. The WR30X10093 operates in all refrigerators, including models with the older electronic icemaker.



**NEW**

WR30X10093



**OLD**

WR30X10061

# WR30X10093 Specifications

- 7 cube mold
- 2 lbs ice production per 24 hours (approximately 70 – 100 cubes)
- Normal cube height  $\frac{3}{4}$ " at midpoint
- Normal water fill is 95 cc's per cycle (approximately 3 ounces)
- Normal fill time is 5.1 seconds
- Normal cycle time is 3 minutes
- Water fill adjustment screw
- On/Off slide lever



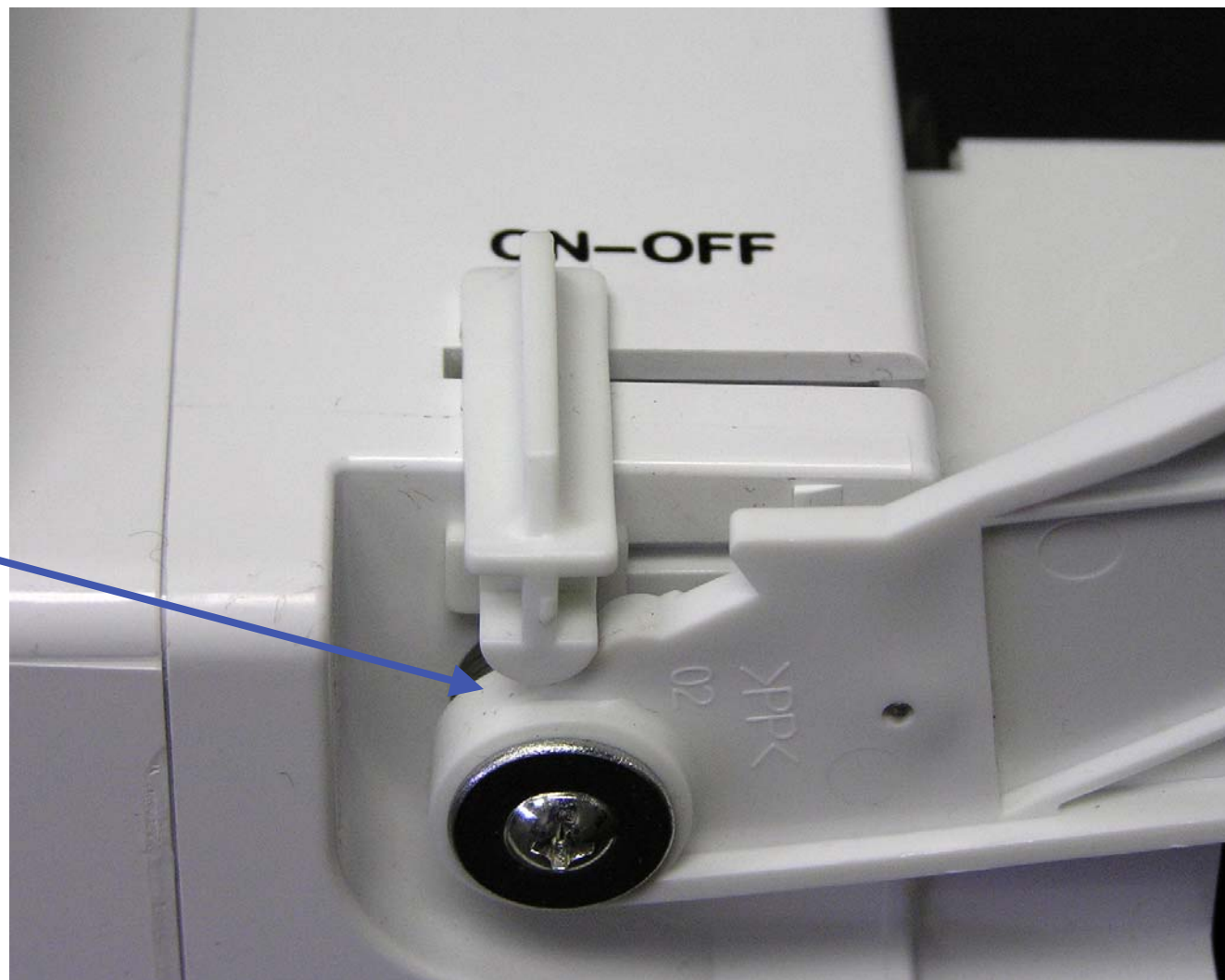
# On/Off Slide Lever

New design  
On/Off slide lever  
holds feeler arm  
in "OFF" position  
or allows free  
movement in "ON"  
position



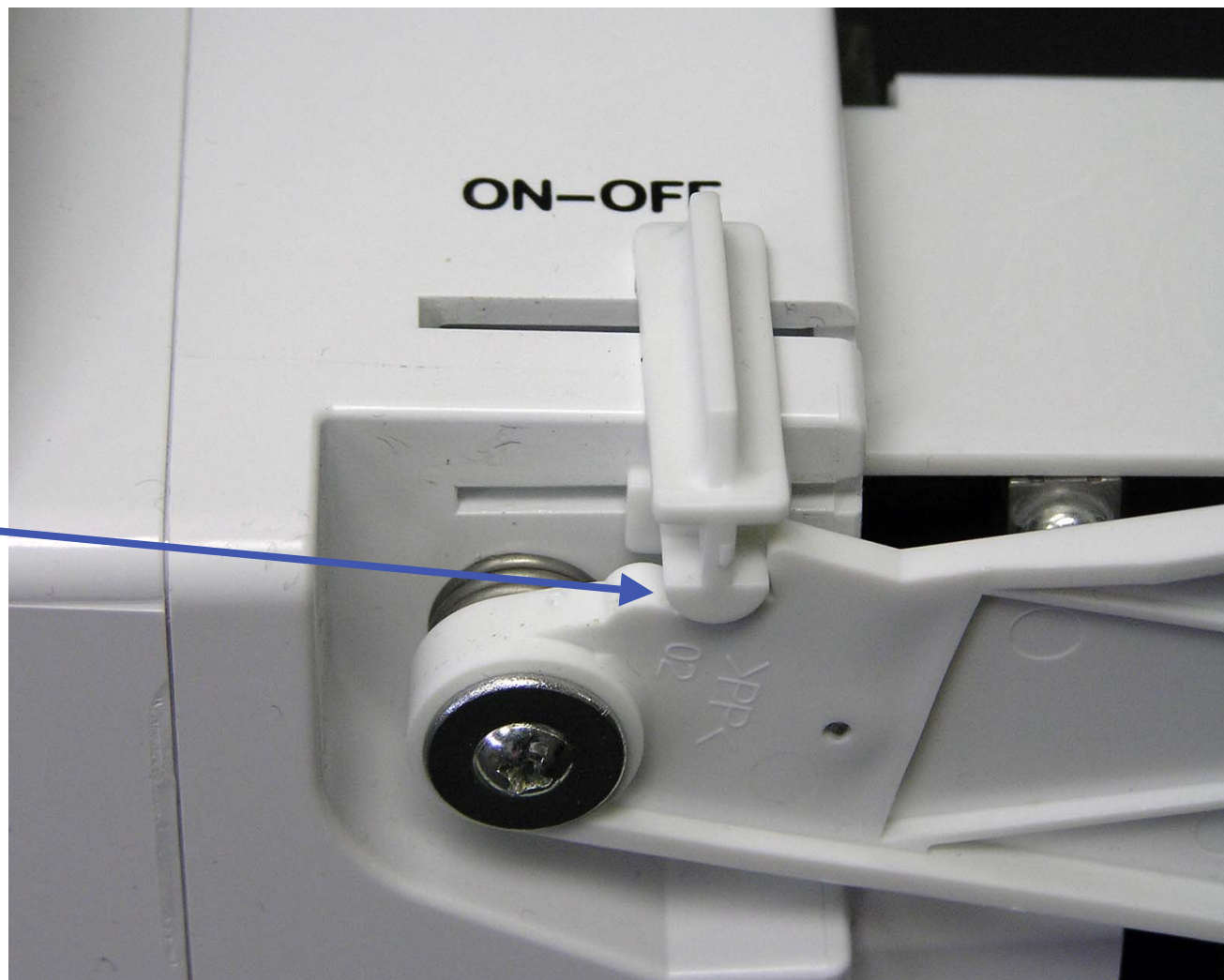
# On/Off Slide Lever

On Position:  
Lever allows feeler  
arm to move  
normally



# On/Off Slide Lever

Off Position:  
Notched area  
secures feeler arm  
in off position.



# Water Fill Adjustment

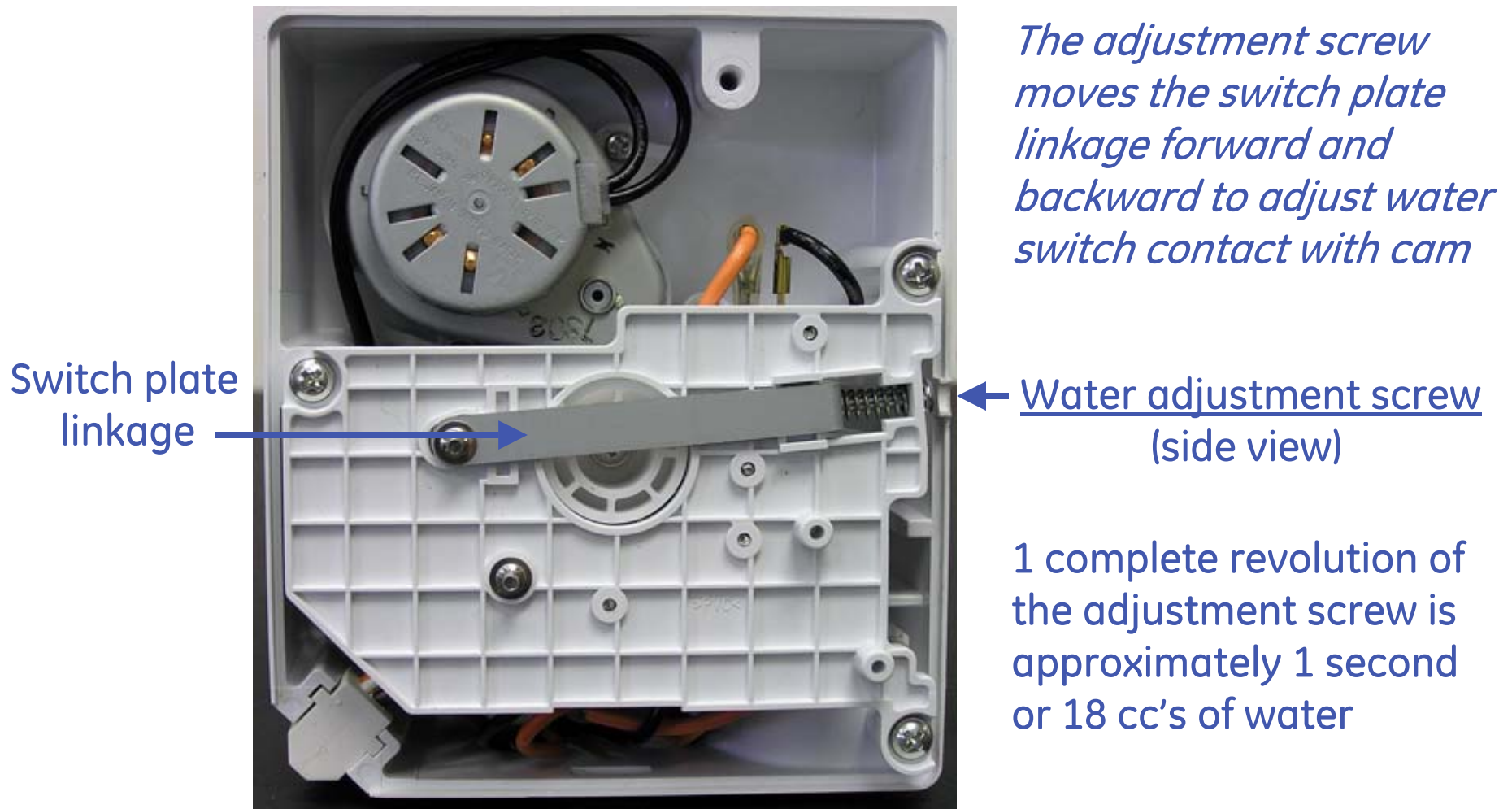
Pry off cover  
to expose  
adjustment  
screw



Factory fill time is 5.1 seconds and fill quantity is approximately 95 cc's

Maximum fill time is 8 seconds

# Water Fill Adjustment



# Manually Starting A Cycle

Pull the rake arm forward as seen in the photo

The further it is pulled forward, the shorter the initial cycle time

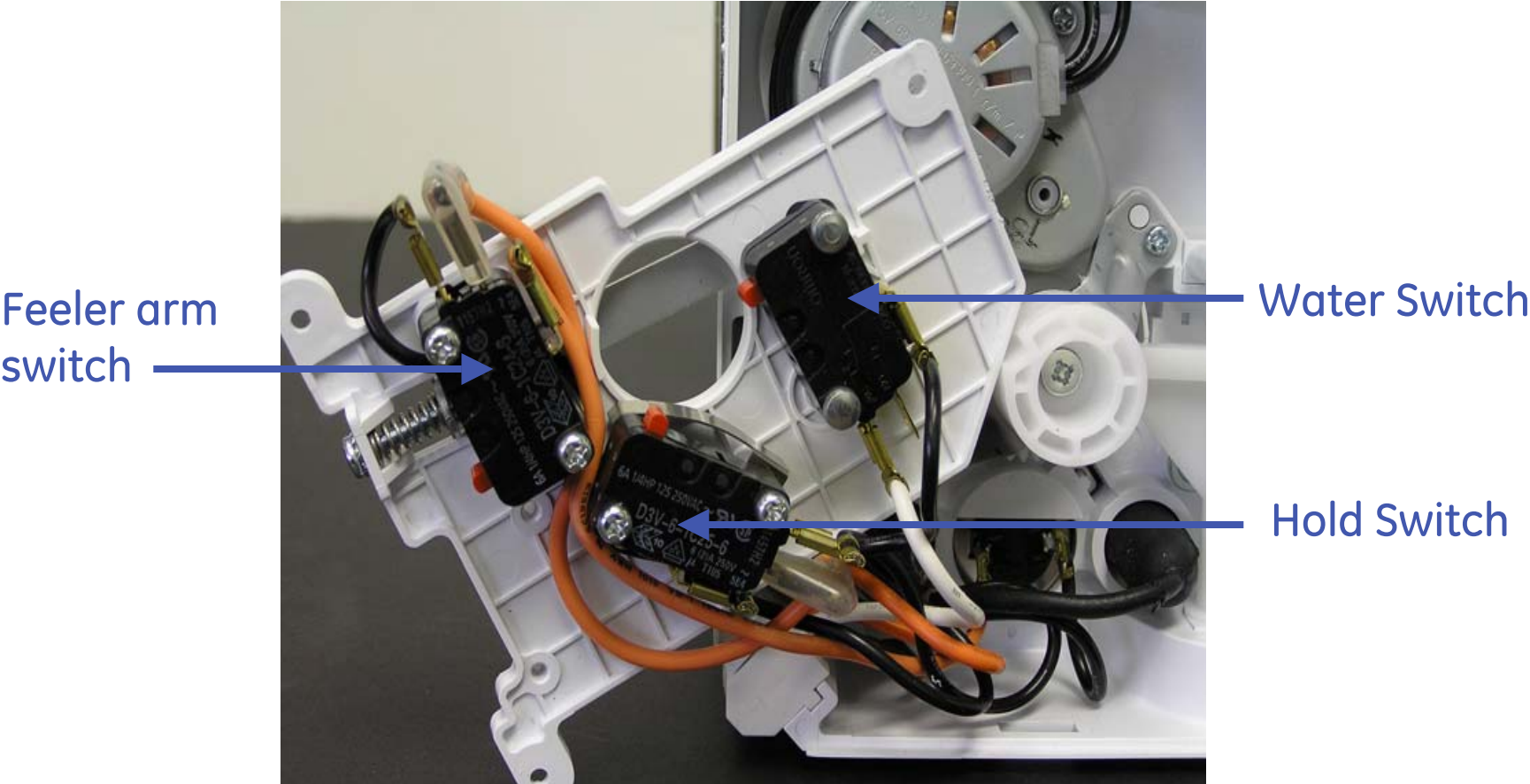
Normal cycle time is 3 minutes

Pulling the rake arm completely forward reduces cycle time to 1.5 minutes (from 9:00 to 3:00)



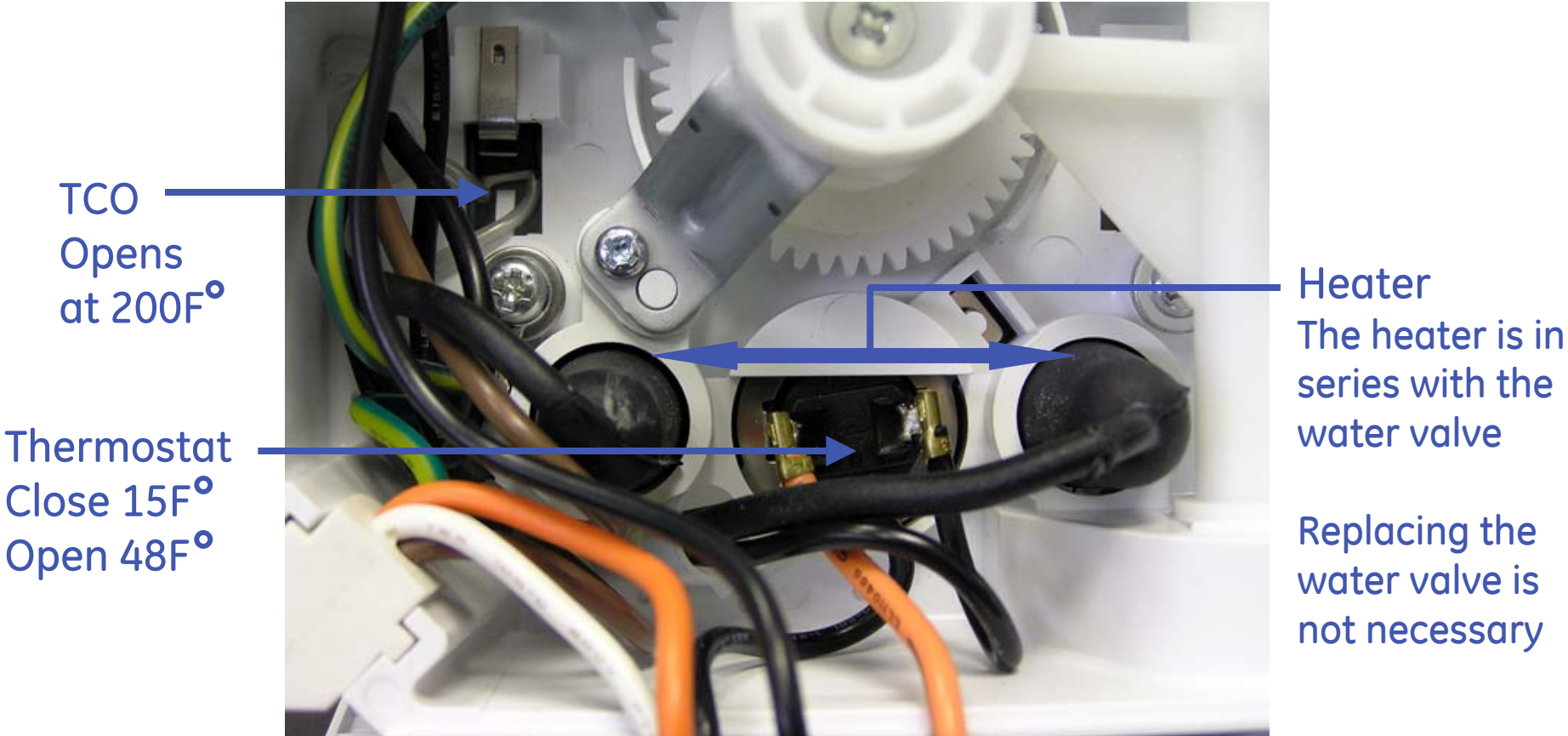


# Icemaker Switches



NOTE: The icemaker is replaced as a complete assembly

# Heater and Sensors



NOTE: The icemaker is replaced as a complete assembly

# Feeler Arm Operation

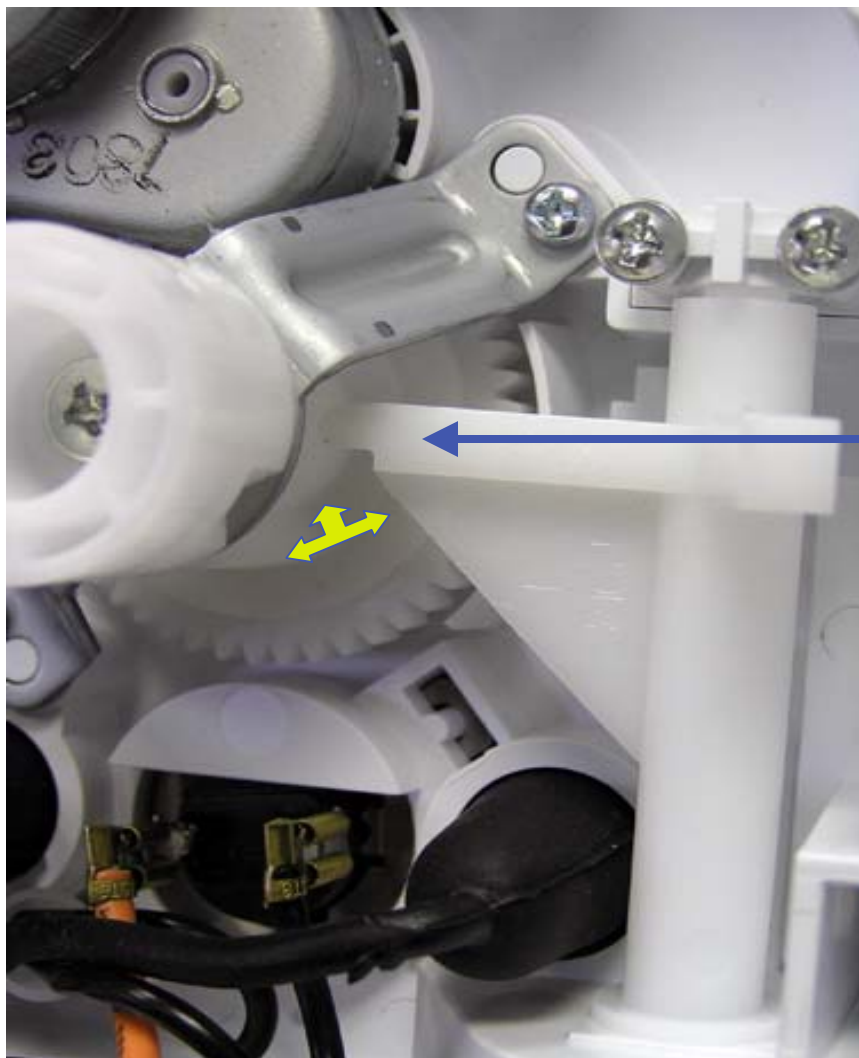


Engages feeler arm switch with this post

Backside of On/Off lever

Feeler arm screws into bottom of the post

# Feeler Arm Operation

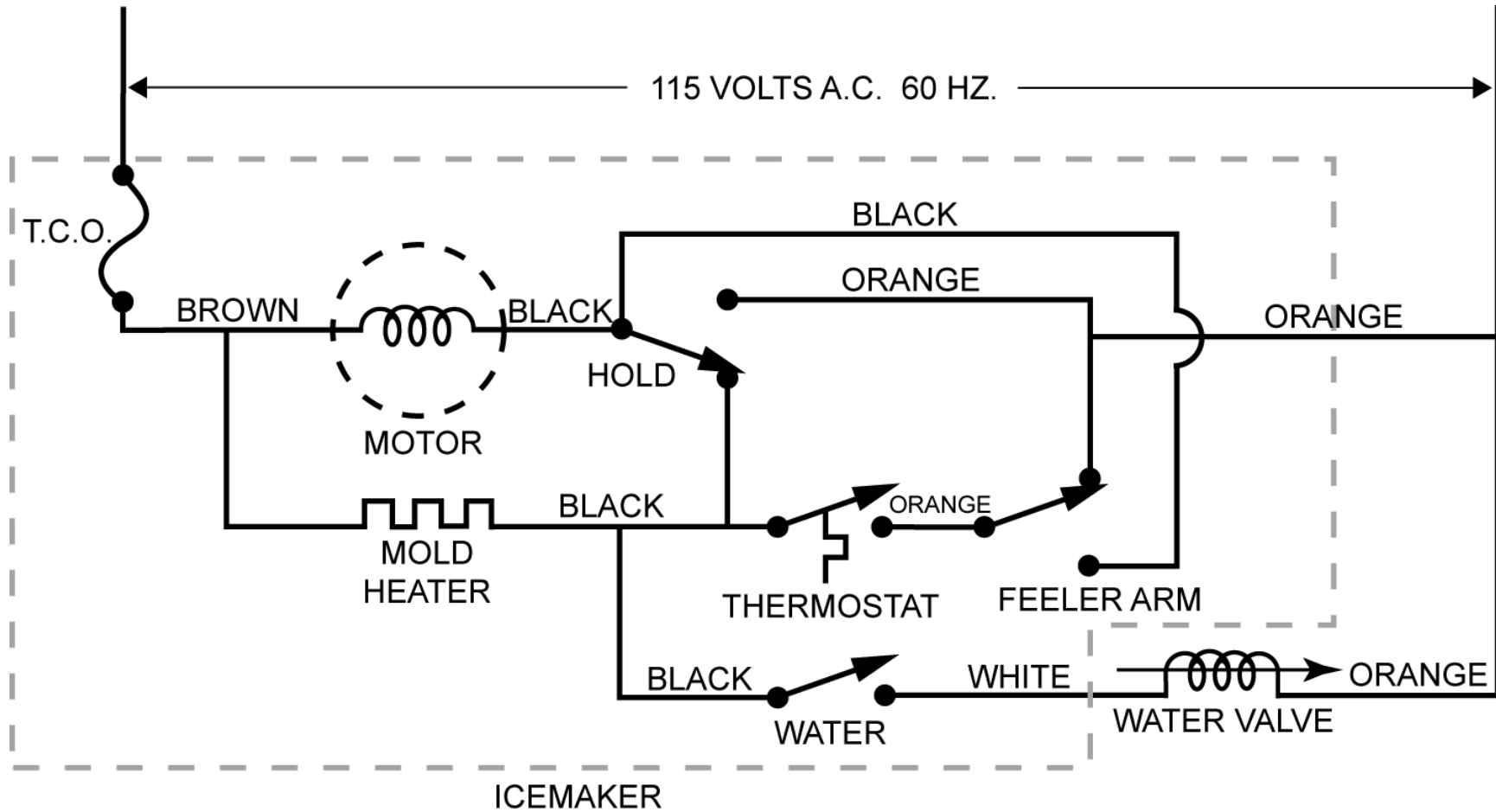


This arm rides on the gear shaft

Inside area with **yellow arrows** acts like a clutch to allow for easy turning of the rake arm to initiate a service mode

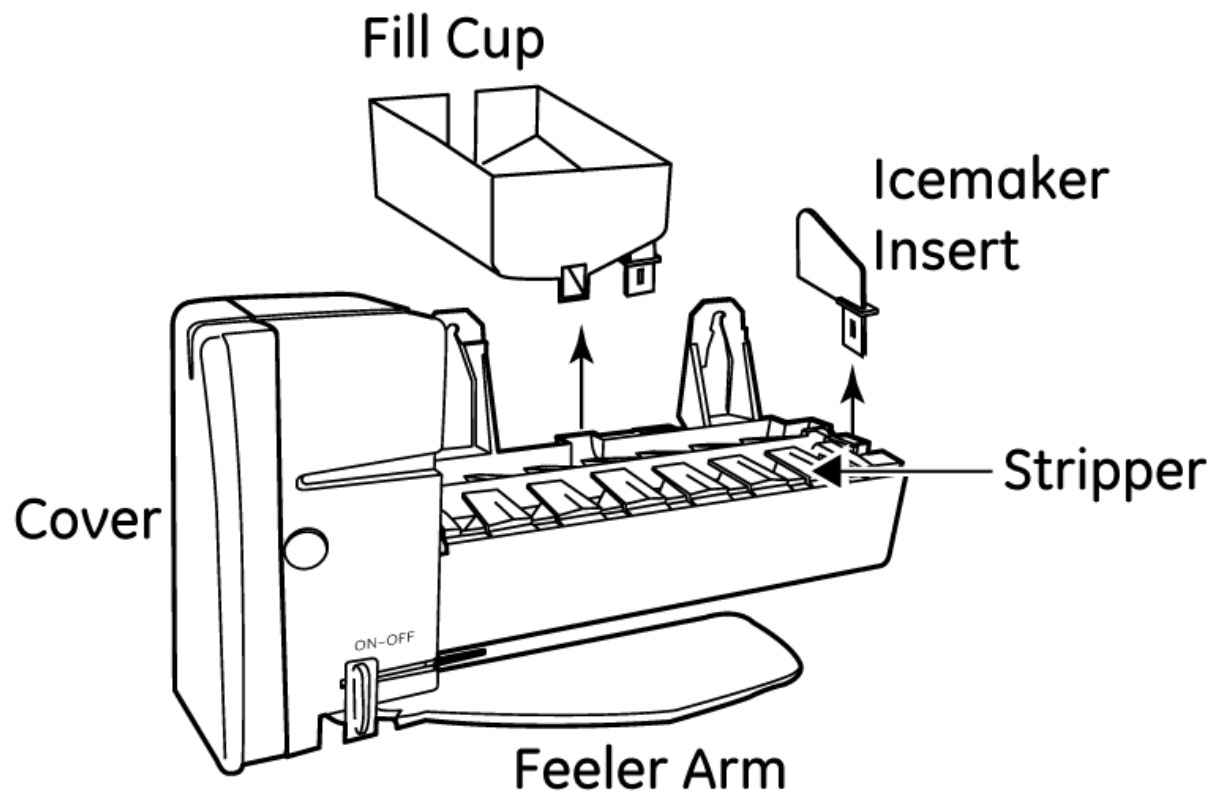
*(The gear with the teeth does not turn during initiation of the service mode, however once the motor starts it engages the gear)*

# Schematic



Note the mold heater is in series with the water valve.

# Installation



Depending upon the original configuration, some of the components shown above may need to be transferred to the new Icemaker.