

# New Electromechanical Icemaker

WR30X10093



# New Electromechanical Icemaker

Electromechanical  
WR30X10093

***Supersedes***

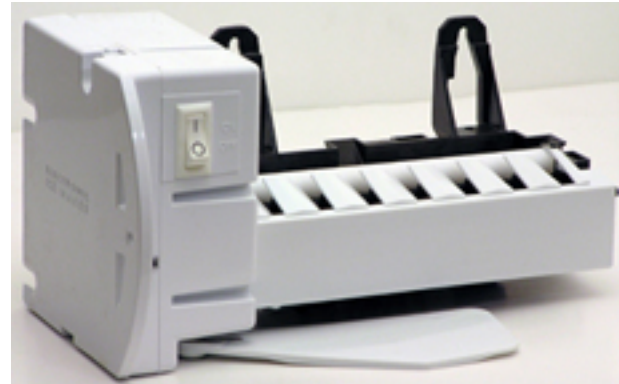
Electronic  
WR30X10061

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

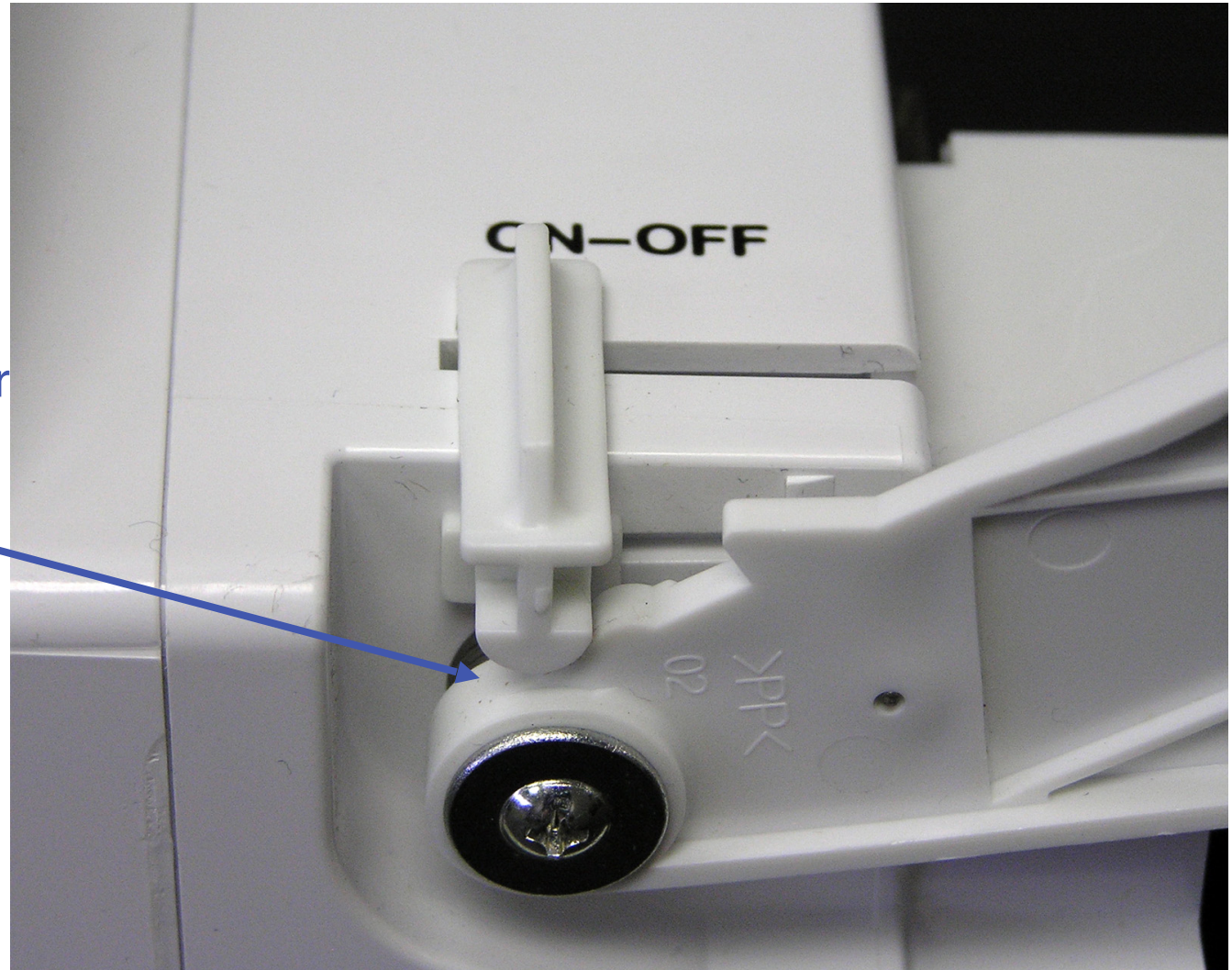
New design  
On/Off slide lever  
holds feeler arm  
in “OFF” position  
or allows free  
movement in “ON”  
position





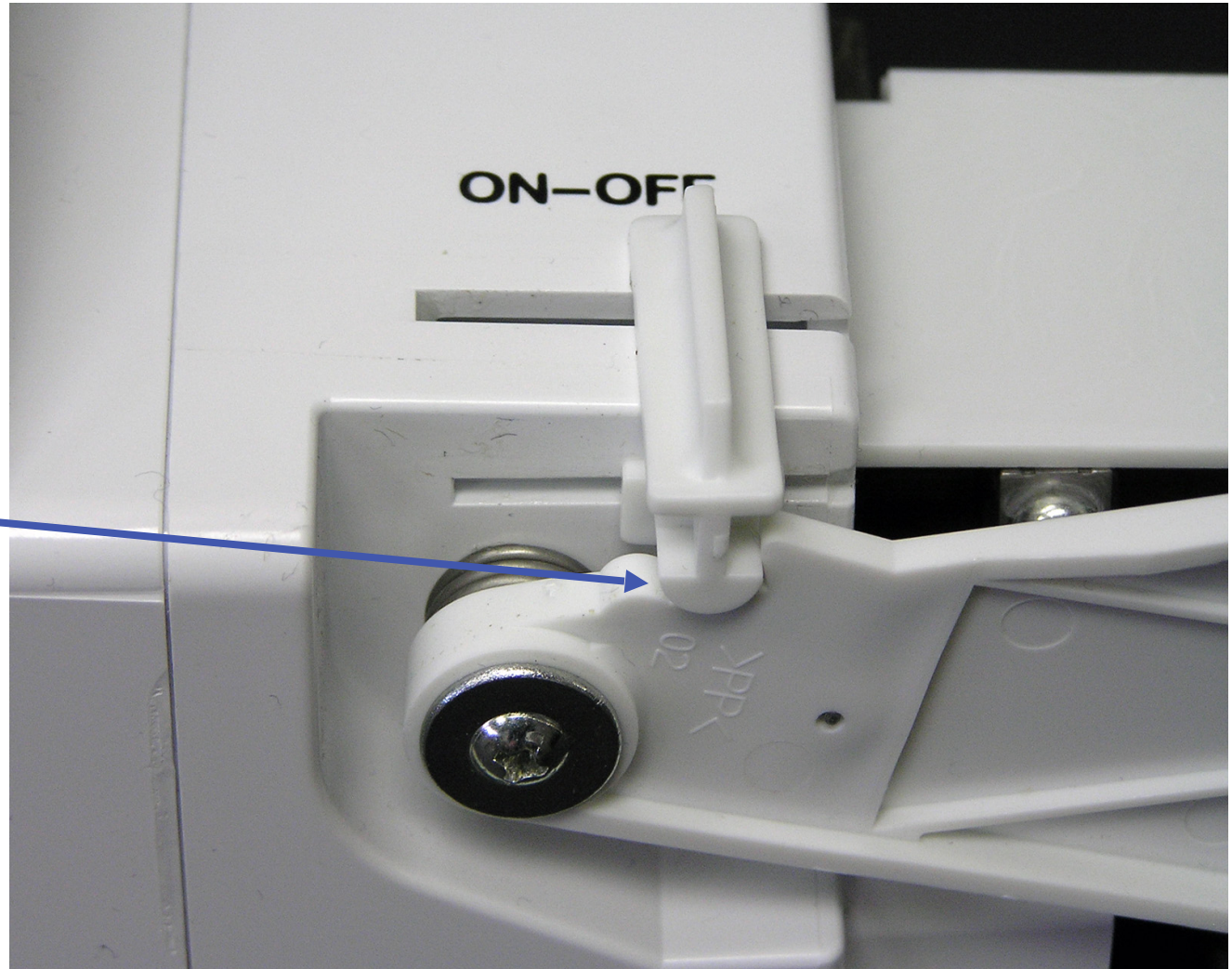
# On/Off Slide Lever

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

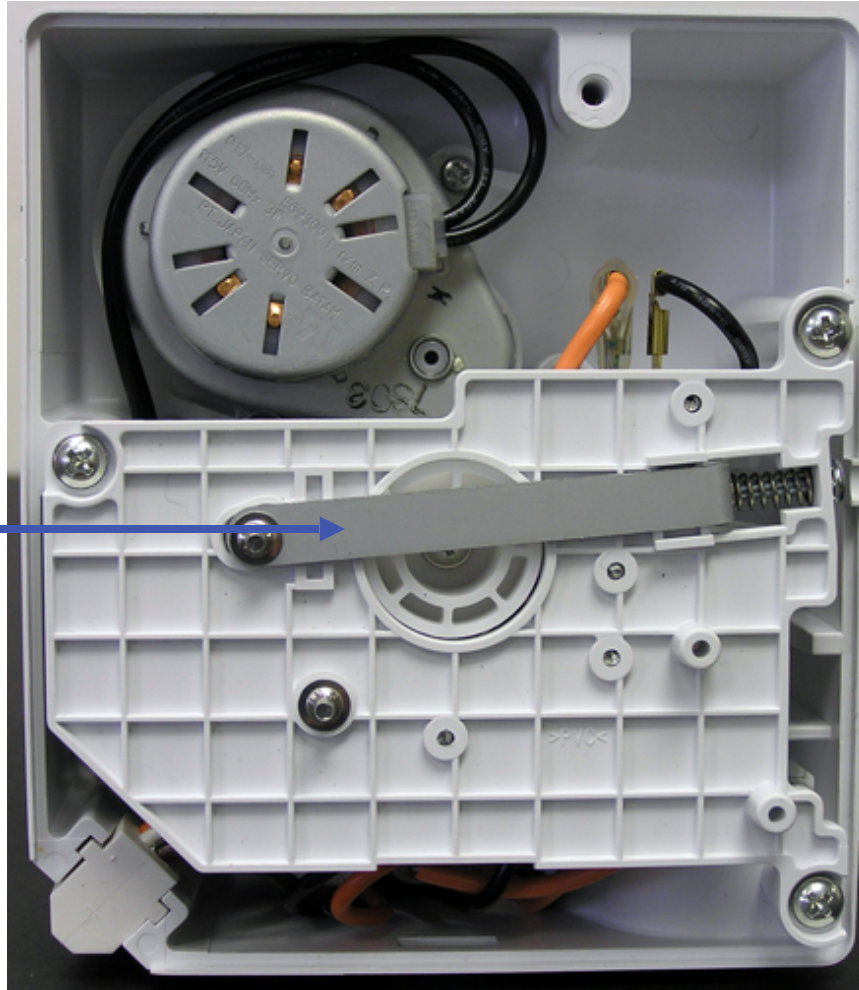
Pry off  
cover to  
expose  
adjustment  
screw



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

Maximum fill time is 8 seconds

# Water Fill Adjustment



Switch plate  
linkage

*The adjustment screw  
moves the switch plate  
linkage forward and  
backward to adjust water  
switch contact with cam*

← Water adjustment screw  
(side view)

1 complete revolution of  
the adjustment screw is  
approximately 1 second  
or 18 cc's of water



# Manually Starting A Cycle

Pull the rake arm forward as seen in the photo

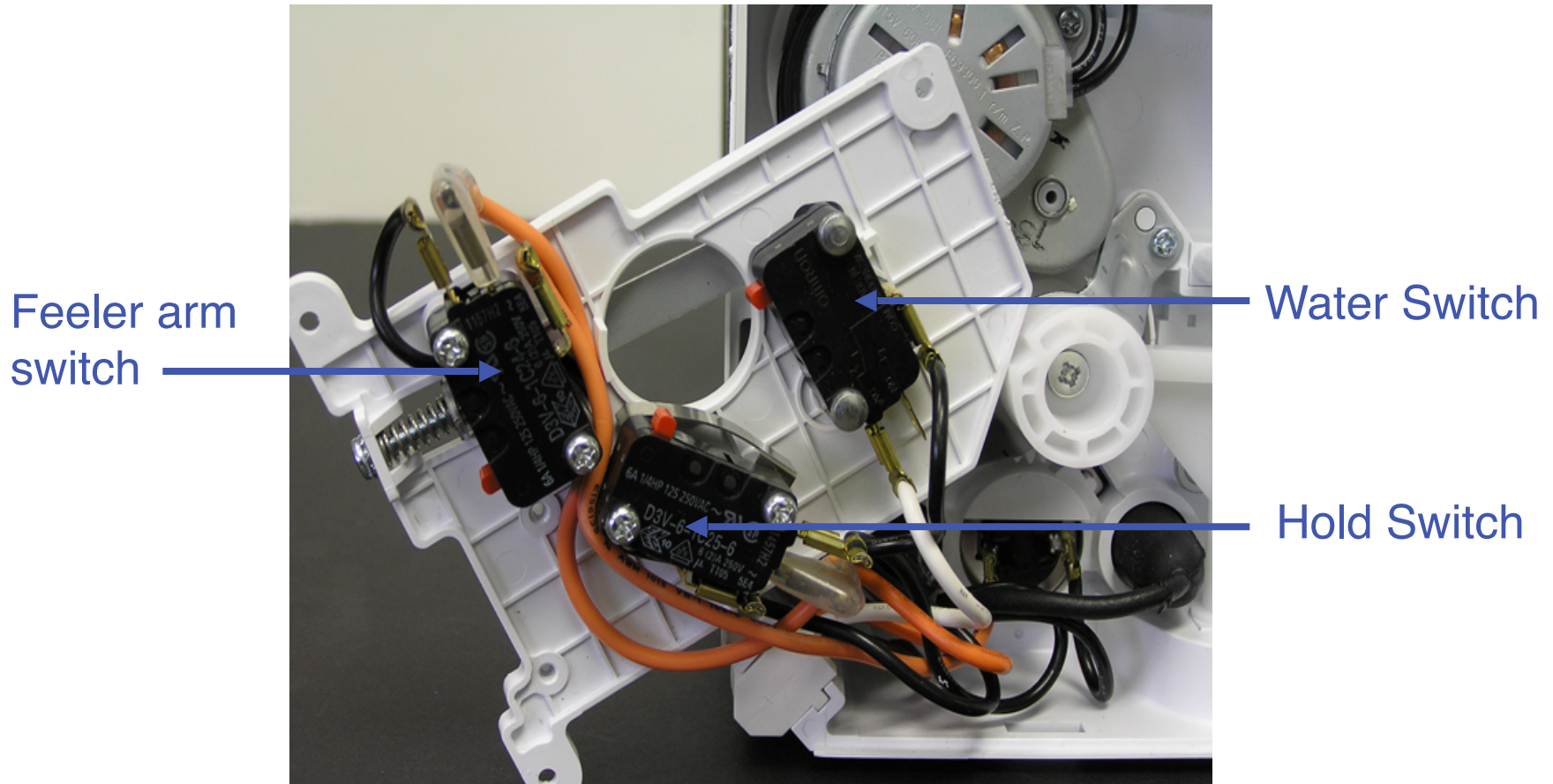
The further it is pulled forward, the shorter the initial cycle time

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)

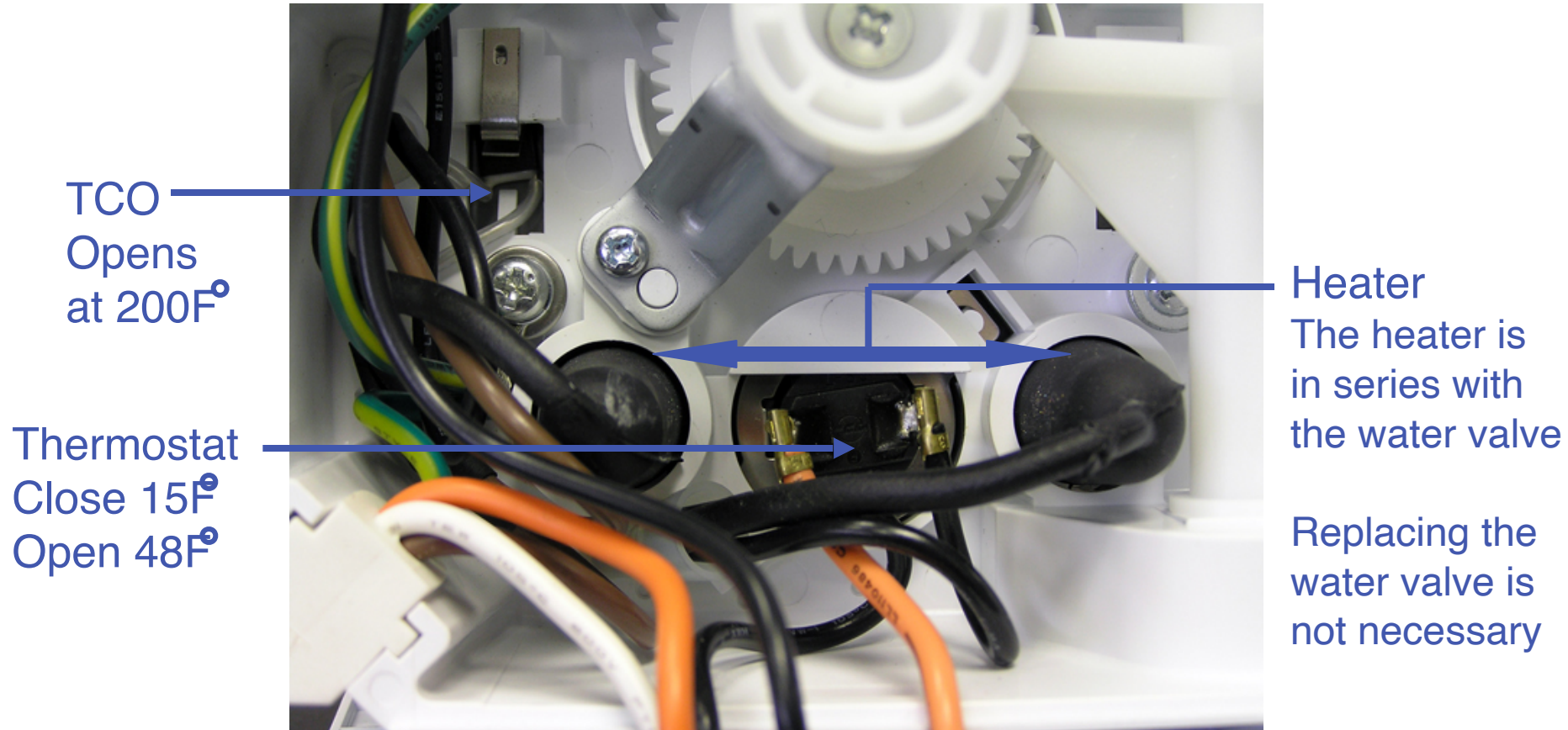


# Icemaker Switches



**NOTE:** The icemaker is replaced as a complete assembly

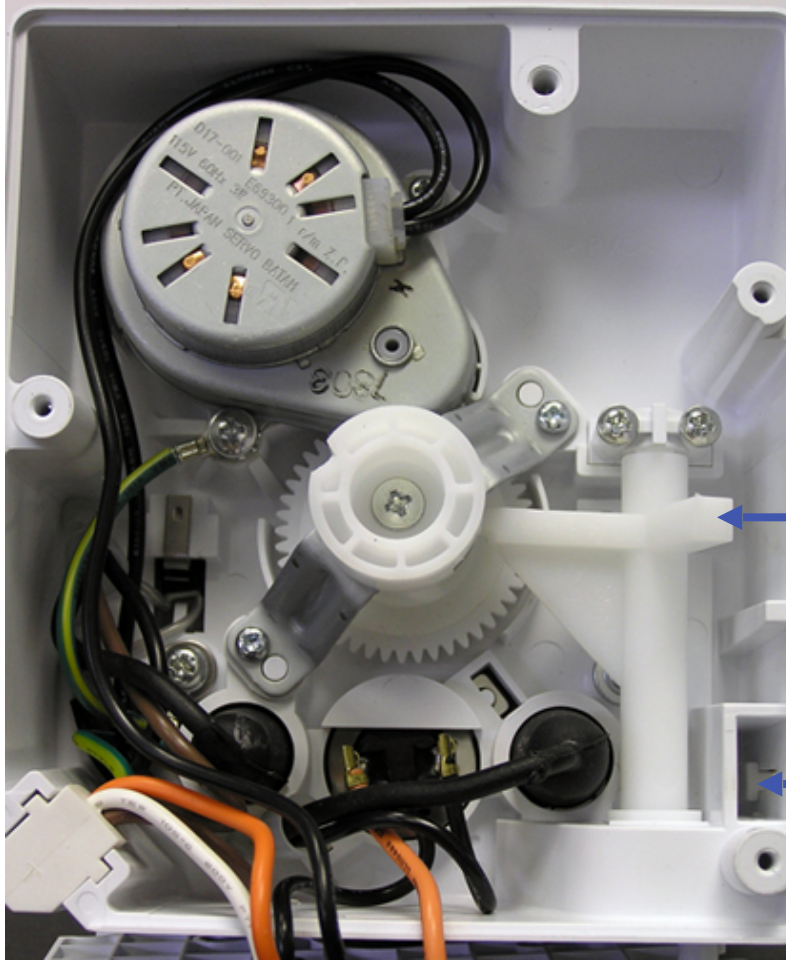
# Heater and Sensors



**NOTE:** The icemaker is replaced as a complete assembly



# Feeler Arm Operation

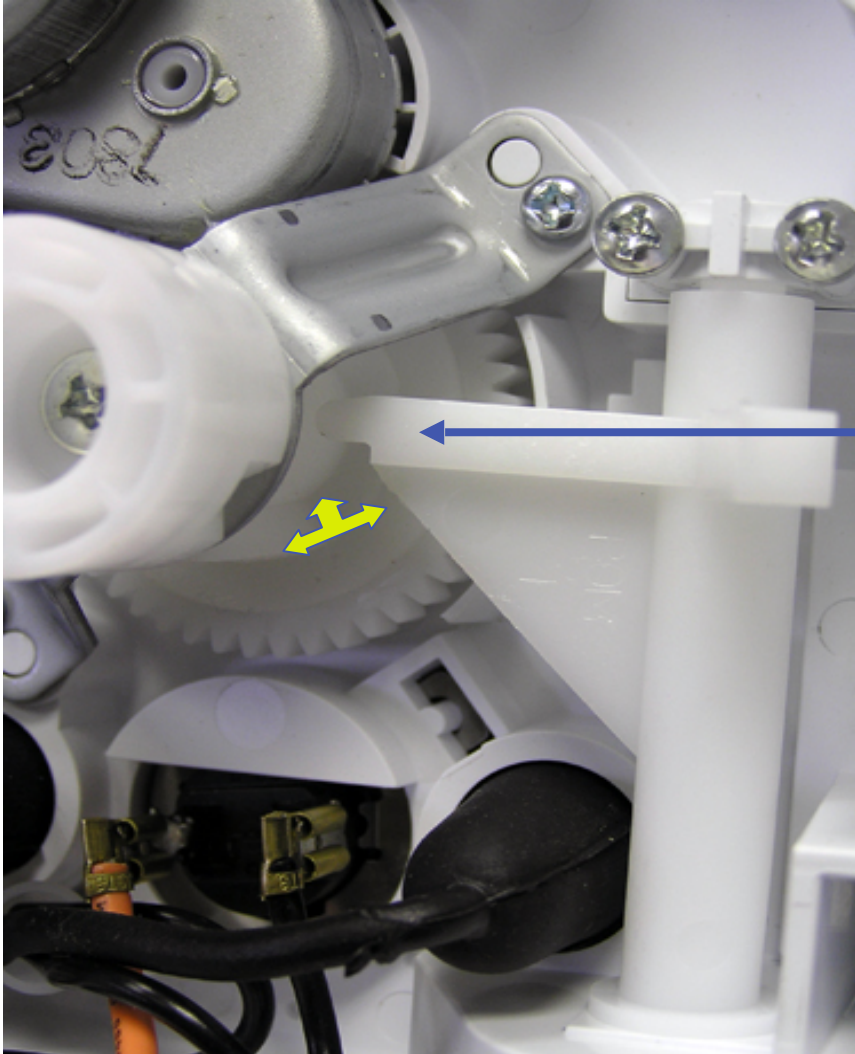


Engages feeler arm switch with this post

Backside of On/Off lever

Feeler arm screws into bottom of the post

# Feeler Arm Operation

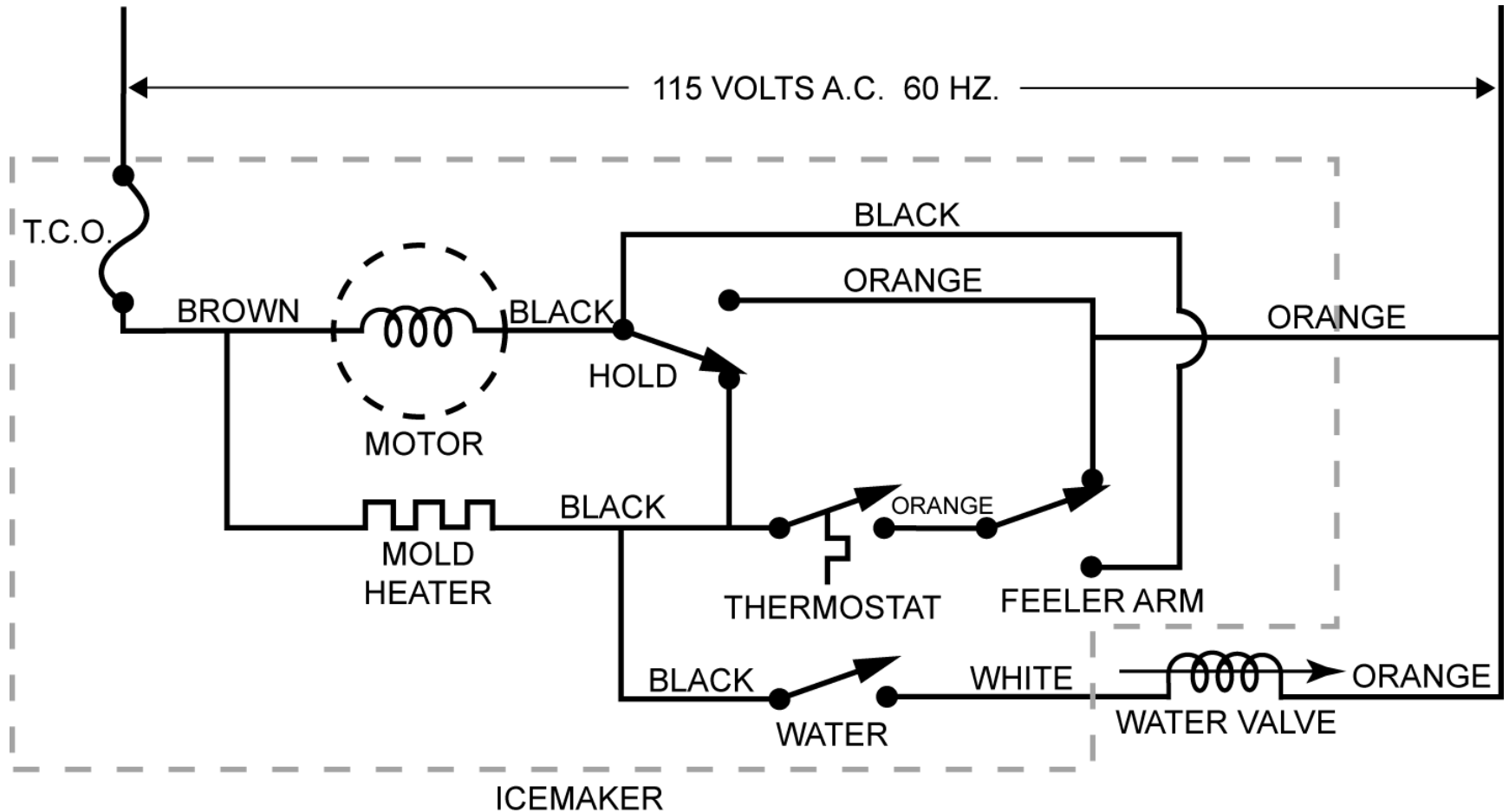


This arm rides on the gear shaft

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)*

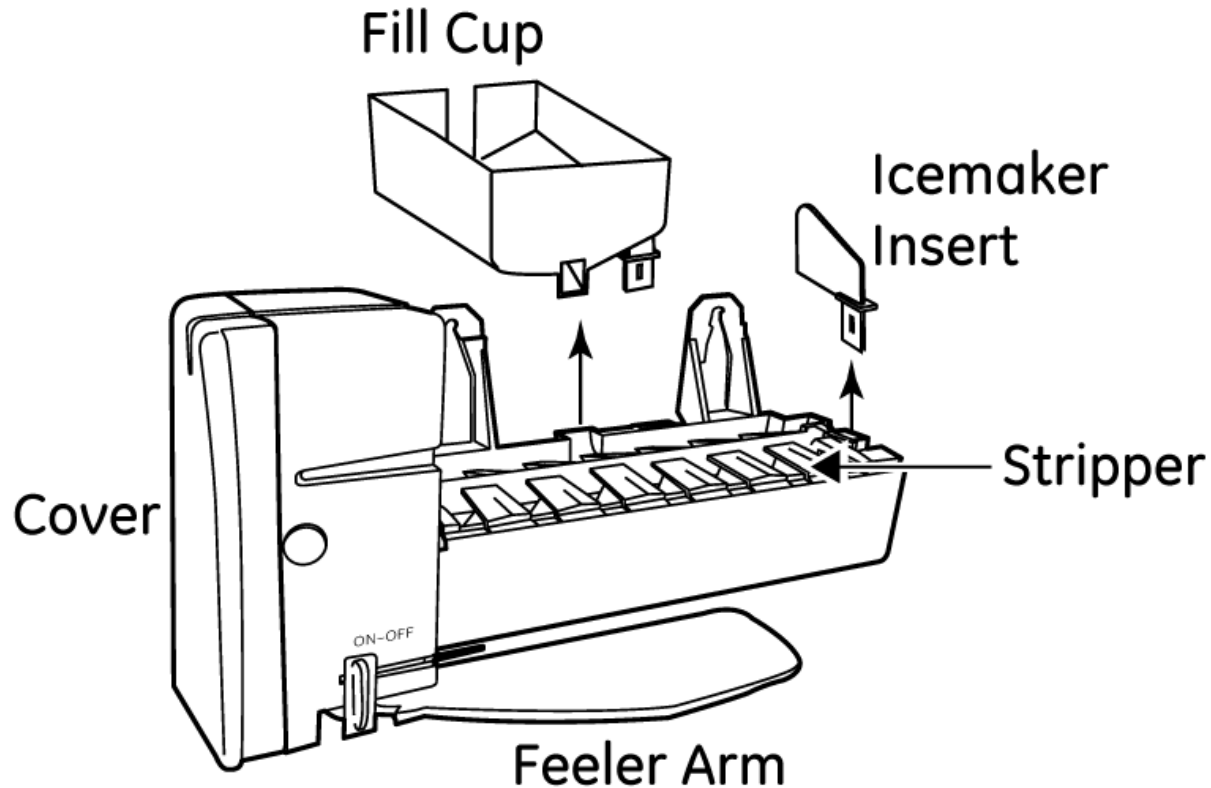
# Schematic



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.

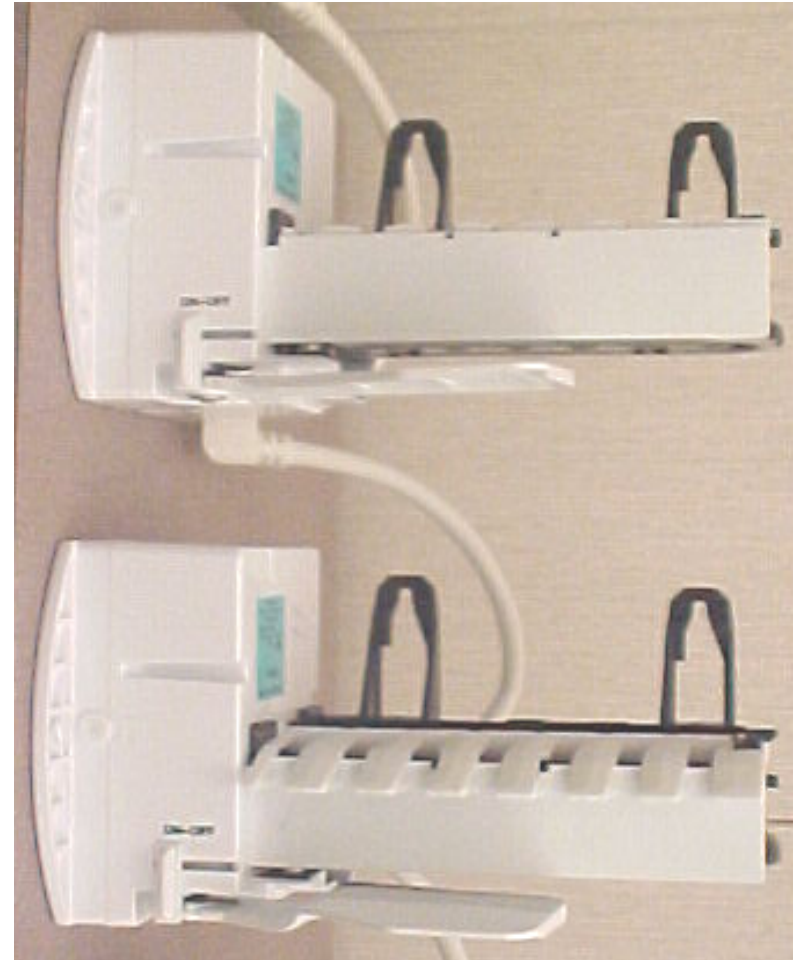
# Model Differences

197D7636G001

End Mount cover, Straight Feeler Arm  
Standard Stripper

197D7636G002

End Mount cover, Step Feeler Arm  
Extended Stripper



# Model Differences

197D7636G003

Plain Cover, Straight Feeler Arm

Standard Stripper

197D7636G004

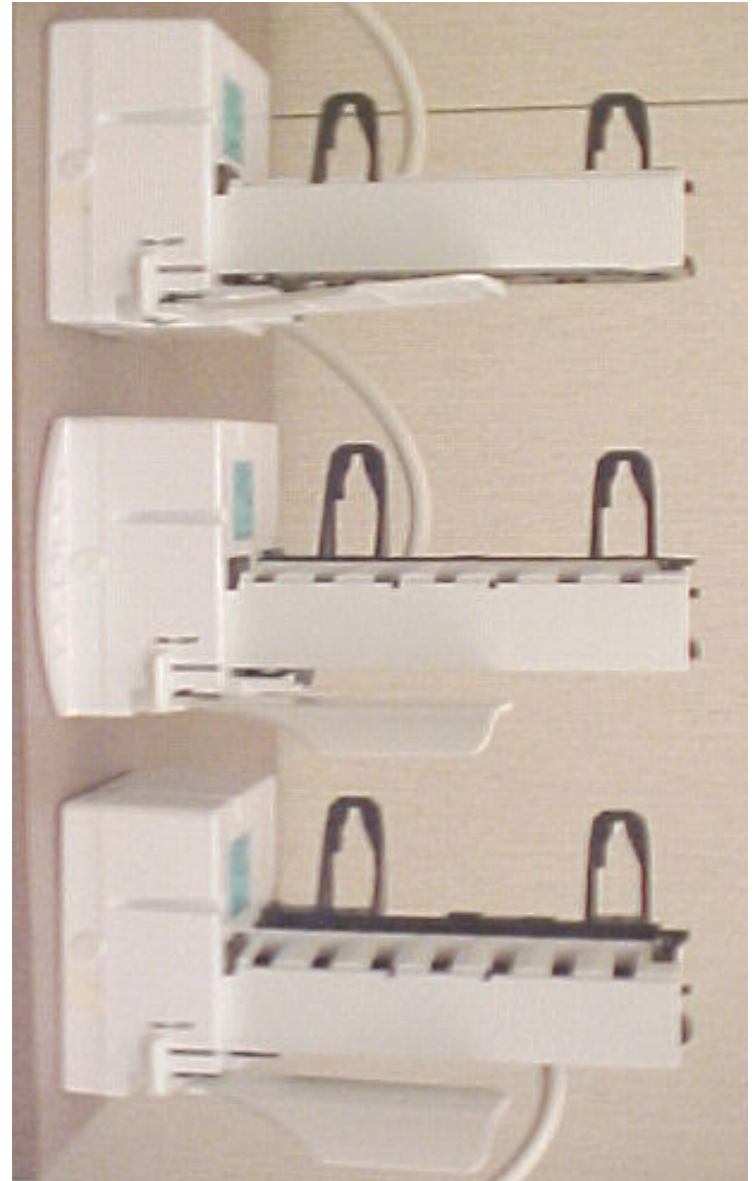
End Mount cover, Curved Feeler Arm

Standard Stripper

197D7636G005

Plain Cover, Curved Feeler Arm

Standard Stripper





# Model Differences

