Jackson

REPLACE & PROGRAM

UNIVERSAL TIMER

KIT - 06401-003-80-83



WARNING: This kit *should* be installed only by qualified service personnel to reduce the risk of electric shock, serious injury, or fire. A plumbing permit and the services of a licensed plumber and electrician might be required in some areas.

Turn off the power supply and place the dishmachine disconnect (if applicable) in the off position. Lock-out/Tag-out to prevent the power supply from being turned back on inadvertently.
Shut-off incoming water.

CAUTION: Failure to install this kit within the guidelines might adversely affect safety, performance, component life, and warranty coverage.

TOOLS REQUIRED

- Phillips Screwdriver
- Small Flathead Screwdriver
- Wire Cutter/Stripper

PARTS INCLUDED

QTY	DESCRIPTION	PART NUMBER
1	Universal Timer	05945-003-75-23
2	Replace & Program Instructions	07610-005-02-96
3	Harness, 10-wire	05999-003-87-88

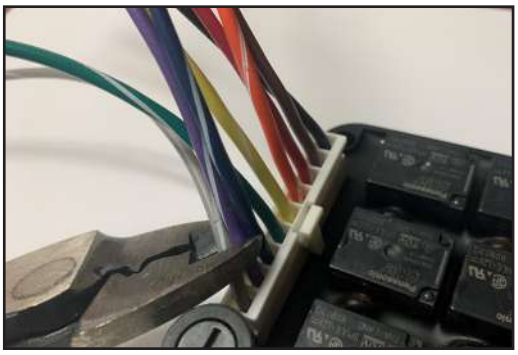
REPLACE

1. Locate universal timer, using parts section in machine manual if necessary.



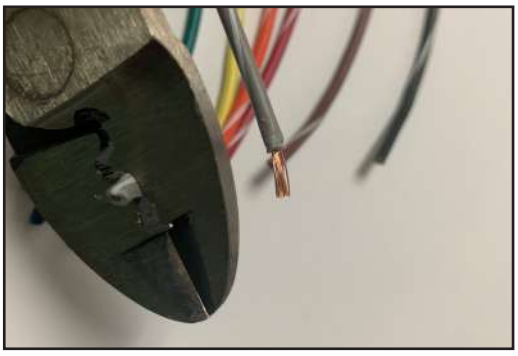
REPLACE

2. Use wire cutters/strippers to cut wires going to white connectors (two sets of wires).



Wire cutters/strippers used in this step.

3. Use wire cutters/strippers to strip all wires at least 1/4”.



Wire cutters/strippers used in this step.

4. Use phillips screwdriver to remove universal timer.



Phillips screwdriver used in this step.

5. Use phillips screwdriver to install universal timer from kit.



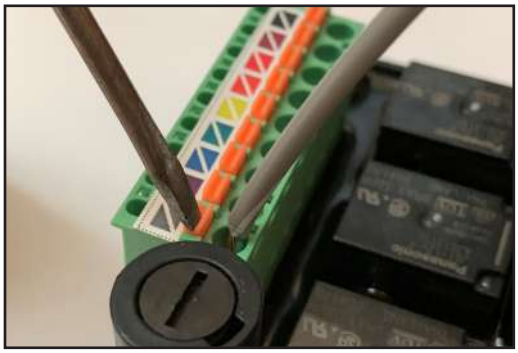
Universal timer from kit used in this step.

Phillips screwdriver used in this step.

REPLACE

6. Use small flathead screwdriver to depress orange button and connect a wire cut in Step 2 to corresponding green connector on new timer. Use wire-color decals to ensure correct wire is being connected.

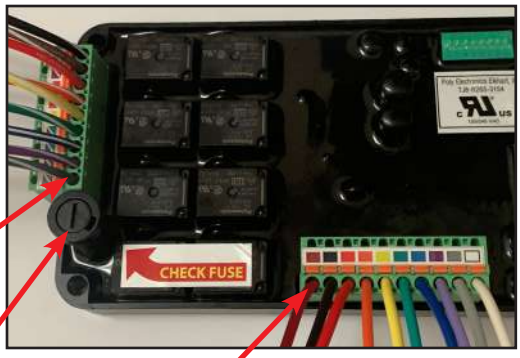
Small flathead screwdriver used in this step.



7. Once wire is seated, release orange button.

8. Repeat until all wires cut in Step 2 have been connected to green connectors on new timer.

Small flathead screwdriver used in this step.



CAUTION! ***Ensure GRY/WHT and BRN wires are closest to fuse holder.***

GRY/WHT Wire

Fuse Holder

BRN Wire

9. Restore power and water to machine.

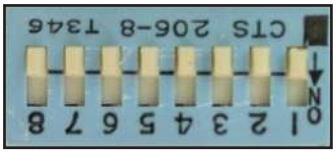
10. Proceed to next section for Settings and Programming instructions.

SETTINGS

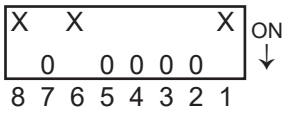
These instructions show program numbers & DIP Swith settings for models with the universal timer.

1. Locate model name on machine data plate.
2. Find model in the table below.
3. Set DIP Switches as indicated for that model.

DIP Switches



Example DIP Switch Settings (see program 33 below)



0 = On X = Off

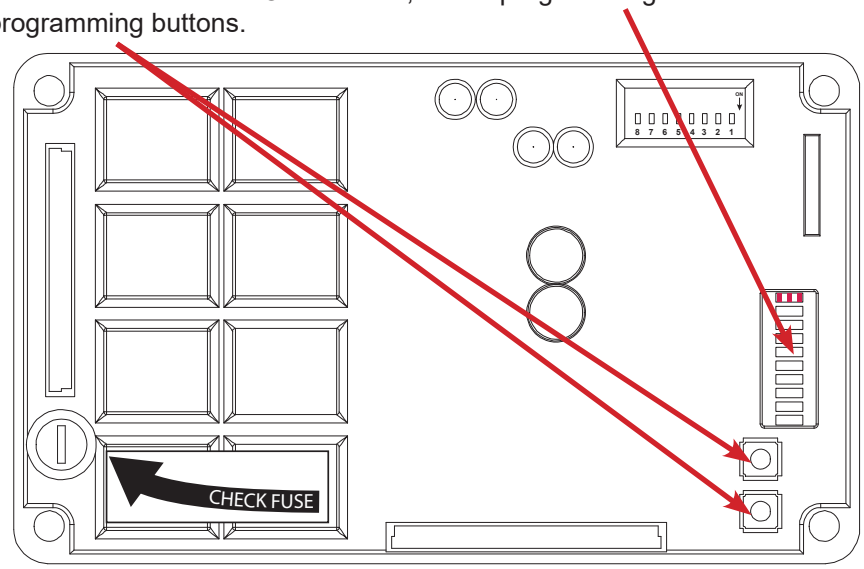
	DIP Switch Settings							
Model	**8**	**7**	**6**	**5**	**4**	**3**	**2**	**1**
TempStar Steam	X	0	0	0	0	0	0	X
Avenger HT, WF-UH-30, JPX-300H Sani-Sure	X	0	0	0	0	0	X	X
JPX-300L, Avenger LT, WF-UL30	X	0	0	0	0	X	0	0
TempStar HH	X	0	0	0	0	X	0	X
TempStar Ventless	X	0	0	0	X	0	0	0
TempStar Sani-Sure	X	0	0	0	X	0	0	X
Conserver XL, WF-I, WF-IS, CONS-A	X	0	0	0	X	0	X	0
JPX-300H	X	0	0	0	X	X	0	X
TempStar HHT, WF-HT180-HH	X	0	0	0	X	X	X	0
Conserver XL2, WF-II, WF-IIS	X	0	0	X	0	X	0	0
ES-2000HT INTL	X	0	0	X	0	X	0	X
Delta 5-E, Delta 5A, WF-DG	X	0	0	X	0	X	X	0
Conserver LWP	X	0	0	X	0	X	X	X
TempStar HHTE Ventless	X	0	0	X	X	0	0	X
Conserver XLH	X	0	0	X	X	0	X	0
TempStar HHTE	X	0	0	X	X	0	X	X
DishStar LT, DishStar LT-H, WF-UL30H	X	0	0	X	X	X	0	0
DishStar HT, WF-UH30-FND	X	0	0	X	X	X	0	X
TempStar, Energy Star LT	X	0	0	X	X	X	X	0
TempStar, Energy Star HT	X	0	0	X	X	X	X	X
TempStar STD, Energy Star, Sani-Sure HT, WF-HT180	X	0	X	0	0	0	0	0
Delta HT-E-SEER, DishStar HT-E, DishStar HT-E-SEER	X	0	X	0	0	0	0	X
TempStar HH Ventless	X	0	X	0	0	0	X	0
DynaStar, DynaTemp, DynaTemp NB, DynaTemp Steam	X	0	X	0	0	X	X	X
DynaTemp Ventless	X	0	X	0	X	0	0	0

PROGRAM

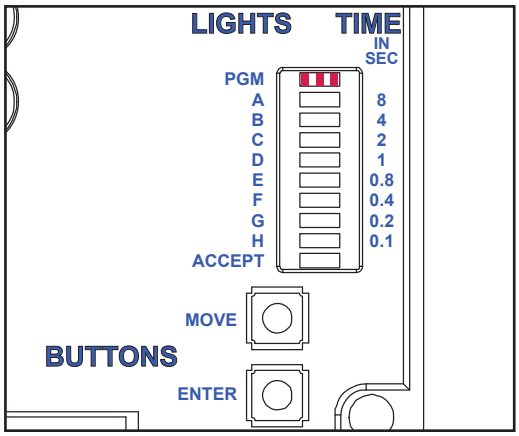
To access programming mode, machine must be ON and "READY" (between cycles). The PROGRAM (PGM) light will be flashing.

Universal timer is located in different locations based on model. Use Parts section of machine manual for reference.

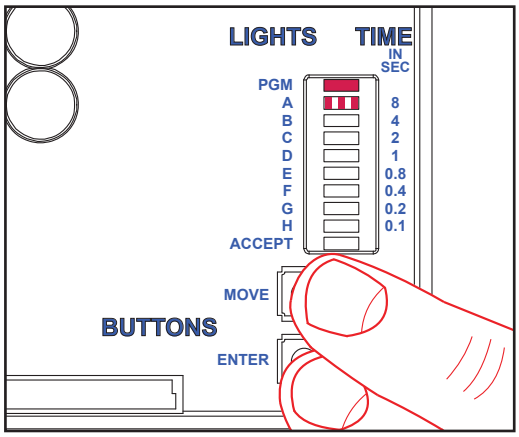
1. Locate universal timer. On the timer, locate programming board and programming buttons.



2. Programming board and buttons are not labeled on the timer. Use the graphic below for reference.



3. Press and hold both the MOVE and ENTER buttons simultaneously for two seconds then release. PGM light will go steady and light A will start flashing.

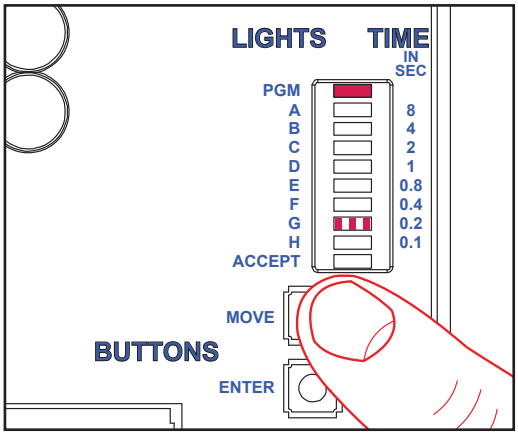


= Light Steady
= Light Flashing

PROGRAM

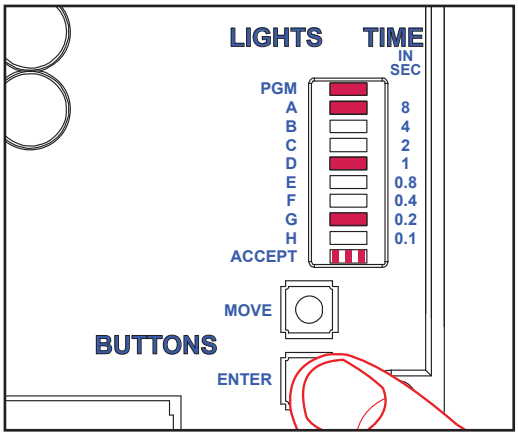
See machine manual for adjustable options.

4. Press MOVE button to move the flashing light to option being adjusted.



5. Press ENTER button. PGM light will stay on, lights for the current setting will come on, and ACCEPT light will start flashing.

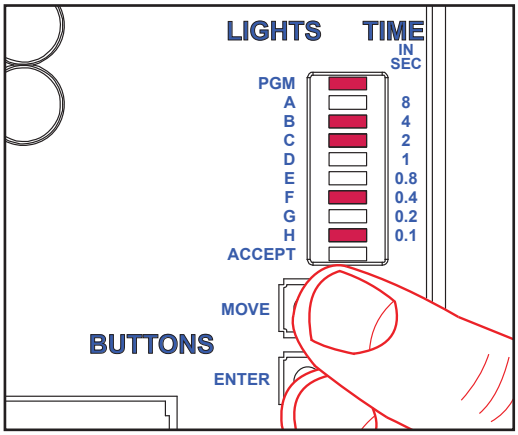
= Light Steady
= Light Flashing



Example here shows current setting for G at 9.2 seconds (each selected time option is added to get the total).

6. Press MOVE button to cycle through the different time options. To choose a time option, press ENTER while the light is flashing on that option. To deselect the option, press ENTER again.

= Light Steady
= Light Flashing



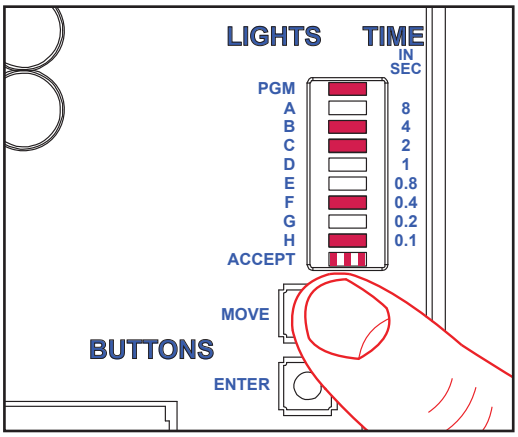
Example here shows setting for G changed to 6.5 seconds (each selected time option is added to get the total).

PROGRAM

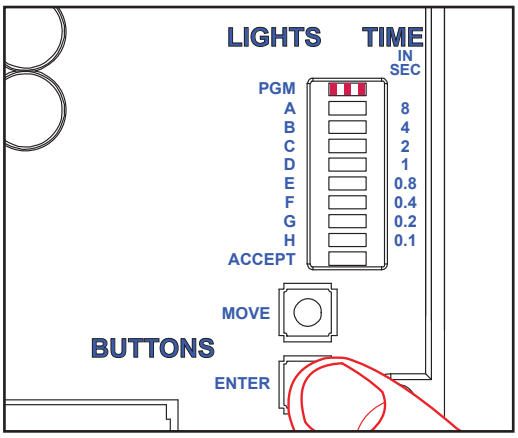
CAUTION! ***Light for each desired option must be steady before pressing ENTER.***

= Light Steady
= Light Flashing

7. Once all desired time options are selected, press MOVE button until ACCEPT light is flashing (lights for selected time options should be steady).



8. Press ENTER button. This saves the changed parameters and exits the programming mode.



9. To change any other values, repeat the process above. To revert back to a previous setting, repeat the process above and change parameters back to previous settings.

In programming mode, if there have been no keypad inputs for approximately two minutes, the system will automatically exit out of programming mode. Any changes to parameters will be lost when programming mode is automatically exited.