

Wei Cheng Wu
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Hw #6- Load a dishwasher

Step 1: Identify the problem

I have a pile of dishes sitting in the sink that needs to be cleaned. I must find a way to efficiently arrange all the dirty dishes into a dishwasher for optimal cleaning.

Step 2: What do I need to know

To effectively load a dishwasher properly:

- The placement of items/dishers? (large/small items)
- Ensure that there is no blockade on the spray arm clearance.
- Ensure items are safe to be loaded into a dishwasher. (plastic, glass, etc)
- Scrape off an abundance of food before loading a dirty utensil in.
- ensure a hot water temperature and good detergent.

Step 3: Address the questions + Data collection

Placement of items: Large items like plates and pots should be placed on the bottom, meanwhile smaller items like cups and glasses are placed above.

Blockade: Spray arm clearance is rotating freely at all times.

Safety: Glasses and plastic are loadable into dishwashers and safe.

Settings: No excess foods on plates pre-loading, the water temperature is always hot, and proper detergent.

Step 4: Data Organization

Item placement: Plates and pots on the bottom, Cups and glasses above.

Blockade: Spray arm clearance free rotation at all times.

Safety: Glasses and plastic are safe to use.

Settings: No excess food preload, Hot water temperature, Cascade detergent.

Step 5: Find and identify the relationship

Cause: I have a pile of dirty dishes in the sink that needs to be cleaned.

Effect: I load the dishwasher with proper steps to take, and the dishes are optimally cleaned afterwards.

Step 6: Find the solution

The steps needed to effectively “Load a dishwasher” is

- Make sure there is no excess food sticking on any of the dirty dishes/utensils before loading it into the dishwasher.
- Place the items into the washer but ensure the large items are at the bottom of the rack meanwhile the smaller items are above the larger ones.
- Before closing the lid, ensure the spray arm clearance is working properly and that there are no items blocking it.
- Close the lid and choose the settings of hot water temperature and pour in cascade detergent.
- Hit start, and the dishes should be optimally cleaned within a certain time period.

Step 7: Tell the story

I've finished dinner for the night but I still have a pile of dirty dishes left in the sink from breakfast and lunch. To have my dirty dishes optimally cleaned, I load them into a dishwasher. To do that, I first scrape off any excess food left in the plates before loading them in to ensure there are no technical difficulties for the dishwasher. Next, I place the plates and pots at the bottom of the rack while the cups and glasses are above them. I check if the spray arm clearance is working properly before closing the lid and choosing the settings. I chose hot water as the temperature and used cascade detergent for good cleaning. I hit start and wait till the dishes are optimally cleaned.