

[Manuals.plus](#) /

› [UpStart Components](#) /

› UpStart Components 691366 Dryer Idler Pulley Replacement Manual for Estate YEED4300VQ1 Dryer

UpStart Components AP-691366-DL8158

UpStart Components 691366 Dryer Idler Pulley Replacement Manual

For Estate YEED4300VQ1 Dryer and Compatible Models

1. PRODUCT OVERVIEW

This manual provides instructions for the installation and maintenance of the UpStart Components 691366 Dryer Idler Pulley. This component is designed as a replacement part for various dryer models, including the Estate YEED4300VQ1 Dryer, and is compatible with original part number WP691366.

The idler pulley maintains tension on the dryer's drive belt, allowing the drum to rotate smoothly. A worn or damaged idler pulley can lead to issues such as squeaking noises, reduced drum rotation, or complete failure of the dryer drum to turn.



Figure 1: UpStart Components 691366 Dryer Idler Pulley. This image shows the complete idler pulley assembly, featuring the white plastic wheel and the black metal tension arm.

2. SAFETY INFORMATION

Before attempting any repair or replacement, ensure the dryer is completely disconnected from its power source (unplugged from the wall outlet). Failure to do so can result in electric shock or serious injury.

- Always wear appropriate personal protective equipment, such as gloves, to prevent cuts or scrapes.
- Refer to your dryer's specific service manual for detailed disassembly and reassembly instructions, as procedures may vary by model.
- Keep all small parts organized during disassembly to ensure proper reassembly.

3. INSTALLATION INSTRUCTIONS

Replacing the dryer idler pulley typically involves disassembling the dryer cabinet to access the drive system. The following steps provide a general guide. Specific steps may vary based on your dryer model.

3.1. Preparation

1. **Disconnect Power:** Unplug the dryer from the electrical outlet.
2. **Move Dryer:** Pull the dryer away from the wall to allow access to the rear and sides.
3. **Gather Tools:** You will typically need a screwdriver (Phillips and/or flathead), a nut driver, and possibly pliers.

3.2. Disassembly (General Steps)

1. **Remove Top Panel:** Locate and remove the screws securing the top panel, usually at the rear. Slide the top panel backward and lift it off.
2. **Remove Control Panel (if necessary):** Some models require the control panel to be unclipped or unscrewed to access front panel fasteners.
3. **Remove Front Panel:** Disconnect any wire harnesses attached to the door switch. Remove the screws securing the front panel and carefully lift it away.
4. **Remove Dryer Drum:** With the front panel removed, the dryer drum will be accessible. Carefully lift the drum slightly and pull it forward to disengage it from the rear bearing and the drive belt. Set the drum aside.

3.3. Idler Pulley Replacement

Once the drum is removed, the idler pulley assembly will be visible at the bottom of the dryer cabinet, typically near the motor.



Figure 2: Close-up view of the idler pulley and its mounting bracket. This image highlights the wheel and the pivot point where it attaches to the dryer chassis.

1. **Locate Old Pulley:** Identify the existing idler pulley assembly. It will have a spring attached that provides tension.
2. **Release Tension:** Carefully unhook the tension spring from the idler pulley bracket.
3. **Remove Old Pulley:** Remove the screw or bolt that secures the idler pulley assembly to the dryer chassis. Carefully remove the old pulley.
4. **Install New Pulley:** Position the new UpStart Components 691366 idler pulley in the same location. Secure it with the screw or bolt previously removed.
5. **Reattach Spring:** Reattach the tension spring to the new idler pulley bracket, ensuring it is securely hooked.



Figure 3: Another perspective of the idler pulley, showing the plastic wheel and the metal arm. This view helps in understanding the component's structure.

3.4. Reassembly

1. **Reinstall Dryer Drum:** Carefully place the dryer drum back into position, ensuring the rear bearing is seated correctly. Loop the drive belt around the drum and then around the motor pulley and the new idler pulley, ensuring proper tension.
2. **Reattach Front Panel:** Position the front panel and secure it with its screws. Reconnect any wire harnesses to the door switch.
3. **Reinstall Control Panel (if applicable):** Reattach the control panel.
4. **Reinstall Top Panel:** Slide the top panel back into place and secure it with its screws.

4. POST-INSTALLATION CHECK

After reassembling the dryer:

- **Reconnect Power:** Plug the dryer back into the electrical outlet.
- **Test Run:** Run a short cycle (e.g., air fluff) to ensure the drum rotates smoothly and quietly. Listen for any unusual noises.
- **Check for Heat:** If applicable, ensure the dryer heats properly during a heated cycle.

5. MAINTENANCE

The UpStart Components 691366 Dryer Idler Pulley is designed for durability and typically requires no routine maintenance after proper installation. However, it is recommended to periodically inspect the drive belt and idler pulley during other dryer maintenance (e.g., cleaning lint ducts) for signs of wear, such as cracks in the pulley wheel or excessive play in the bearing.

6. TROUBLESHOOTING

Symptom	Possible Cause (Idler Pulley Related)	Solution
Dryer makes a squealing or grinding noise.	Worn or failing idler pulley bearing.	Replace the idler pulley.

Symptom	Possible Cause (Idler Pulley Related)	Solution
Dryer drum does not turn.	Idler pulley seized, broken, or spring detached, causing the drive belt to lose tension or break.	Inspect and replace the idler pulley and drive belt if necessary. Reattach spring.
Burning smell from dryer.	Seized idler pulley causing friction with the drive belt.	Immediately stop dryer, disconnect power, and inspect/replace idler pulley and drive belt.

If troubleshooting steps do not resolve the issue, consult a qualified appliance technician.

7. SPECIFICATIONS

Brand: UpStart Components

Model Number: AP-691366-DL8158

Compatible Part Numbers: WP691366, AP6010582, 691366, 239477, 337116, 337407, 337510, 3388345, 338946, 3394332, 347034, 347226, 347277, 4319391, 688166, 691366BULK, 8207, DE412, K35-163, PS11743765, W10612905, WP691366VP

Material: Plastic (Pulley Wheel)

Application: Dryer Idler Pulley Replacement

8. WARRANTY INFORMATION

Any warranties for this UpStart Components product are offered solely by UpStart Components. This product is not affiliated with any original equipment manufacturer (OEM) brands, and any warranties provided by original manufacturers do not apply to this replacement part. Please refer to the UpStart Components official website or contact their customer service for specific warranty terms and conditions.

9. CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding the UpStart Components 691366 Dryer Idler Pulley, please contact UpStart Components customer service. Contact information can typically be found on the product packaging or the official UpStart Components website.