



How to Fix a Noisy Maytag Dryer LDE8604ACE

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INTRODUCTION

After 20 years of reliable service this great dryer still works, but now makes some awful noises while running. I'm replacing all the mechanical wear parts.

TOOLS:

- Phillips #2 Screwdriver (1)
- Riveter (1)
- Snap Ring Pliers (1)

PARTS:

- Tumbler Bearing Front Glides and Pads (2)
Maytag #306508
- Drum Roller with Shaft Kit (2)
Maytag #303373 & #12001541
- Drum Belt (1)
Maytag #312959
- Blower Wheel (1)
Maytag #303836
- Idler Pulley (1)
Maytag #3037050

Step 1 — How to Fix a Noisy Maytag Dryer LDE8604ACE



- Obtain replacement parts. I found a mfr's parts list for my unit through a search. All parts that I wanted were available via Amazon. My entire bill with shipping was under \$50.

Step 2



- Here are the tools I used. The riveter and snap ring pliers were bought new, since I've never owned those and I'm a tool collector.

Step 3



- Unplug the dryer. First clear a 2-3 feet of space in front of the dryer. You will be pulling large parts out of the front.
- Use screwdriver to remove front of unit. Be careful to release wires from holding clips.
- Now remove inner bulkhead, using nutdriver?
- At idler pulley, work the belt loose from its drive and remove it from the dryer.
- Dryer drum can now be removed. Gently lift it out of the dryer.

Step 4



- Locate both drum rollers in the dryer. See photo
- Remove old drum roller. The bearings wear out in these. First remove the snap ring on the front of the shaft. Then pull off the roller.
- Remove old drum roller shaft. These can get worn after years of use. They come off by twisting them counter-clockwise.
- Install new shaft, drum roller, and snap ring. Repeat for other roller, since there are 2 in this unit.

Step 5



- Replace old idler pulley. These can get noisy and sticky as their bearings wear out.
- Remove snap ring. Old pulley will come off. Inspect and clean the shaft. Install new pulley. Install snap ring.
- I didn't replace my idler pulley tension spring, but if yours is broken or stretched, the part is Maytag #303945

Step 6



- Replace blower wheel. These crack and break after a few years' use.
- Remove snap ring. Remove old wheel. Install new wheel. Install snap ring.

Step 7



- Replace front glides/pads. These parts reduce friction between the spinning drum and bulkhead. Over time they become less effective. They are inexpensive to replace and a good excuse to play with a riveter.
- Drill out rivets of old glides. I used a ? bit. Pull up old glides.
- Fit new pad and glide into place. Install with ? rivets that were included in kit.
- Repeat for other glide location

Step 8



- Install drum back into dryer. Verify that it rolls smoothly on rollers.
- Install new belt into dryer. See photo for proper belt path through the idler pulley.
- Turn the drum a few times to verify belt will stay on path.
- Reinstall bulkhead.
- Reinstall front panel, taking care to tuck wiring back into clips.
- Plug dryer back in and do a short test with a small load. Dryer should run nice and quiet now!

To reassemble your device, follow these instructions in reverse order.