



# Toro Walk Behind Mowers 21199HD 2018 Left Spindle Replacement

Guide to remove and replace the left spindle on the Toro Walk Behind Mower 21199HD 2018.

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# INTRODUCTION

This guide shows how to remove and replace the left spindle on the Toro Walk Behind Mower 21199HD 2018.



## TOOLS:

- [Wheel Chocks](#) (2)
- [3/4" Socket](#) (1)
- [3/8" Socket](#) (1)
- [3/8" Drive Ratchet](#) (1)
- [3/8-Inch Drive Extension Bar](#) (1)
- [1/2" Socket](#) (1)
- [Impact Wrench](#) (1)




## PARTS:

- [Toro Spindle Asm 121-9107](#) (1)
- [Toro Spacer 120-7935](#) (1)
- [Toro Bearing-Ball 136-5441](#) (2)
- [Toro Screw-Hwh 132-4498](#) (4)

## Step 1 — Disconnect the spark plug wire




 Before you begin, ensure that the mower is powered down and cool to the touch.

- Grab the plastic housing at the end of the spark plug wire and pull firmly to disconnect it.

## Step 2 — Chock the rear wheels



- Chock the rear wheels to prevent the mower from rolling during service.
-  If the blades are extremely dirty, you can clean them using the washout fitting so the bolts on the underside of the blade guard are accessible.



### Step 3 — Lift up the deflector



- Lift up the plastic deflector.

### Step 4 — Remove the grass bag



- While holding the deflector up and out of the way, lift the grass bag handle away from the mower to detach it.
- Remove the grass bag.



## Step 5 — Remove the belt guard bolts



- Use a 3/8-inch socket to remove the four bolts securing the belt guard:
  - Three 1 inch-long recessed bolts
  - One 1 1/2 inch-long bolt

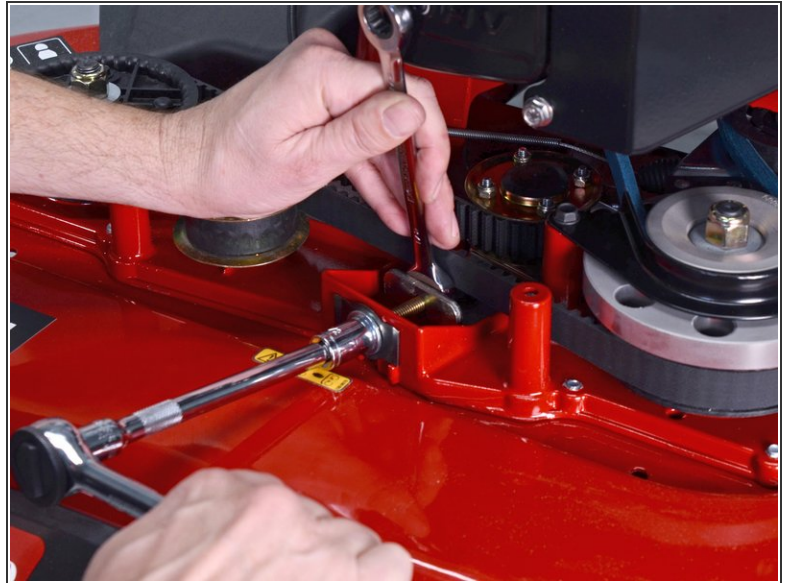
## Step 6 — Remove the belt guard



- Pull the belt guard straight off the front of the mower to remove it.

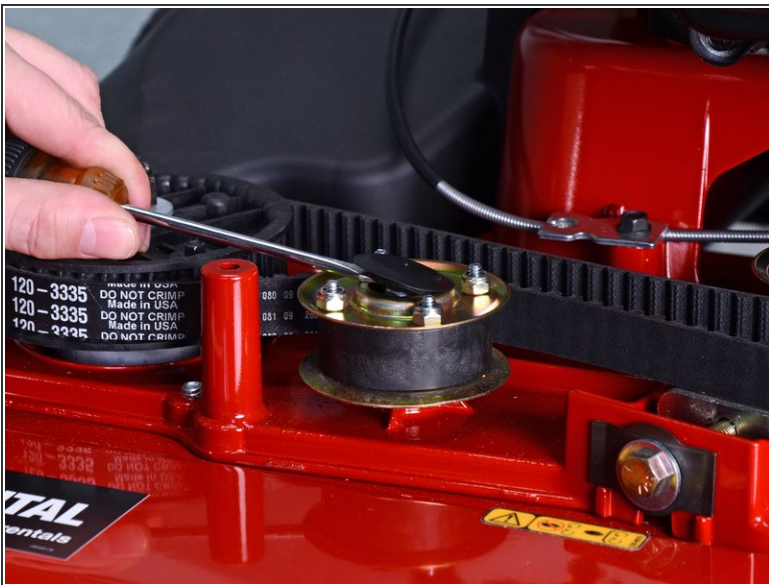


## Step 7 — Loosen the belt tensioner



- Loosen, but don't remove, the belt tensioner to give the belt some slack.
- ⓘ Use a 1/2 inch socket and 1/2 wrench simultaneously to loosen the tensioner.

## Step 8 — Remove the pulley plug cap



- Use a flathead screwdriver to pry off the plastic plug cap.
- Remove the plug cap.

## Step 9 — Remove the upper belt guide



- Use a 3/8 inch socket to remove the four bolts securing the upper belt guide to the pulley.

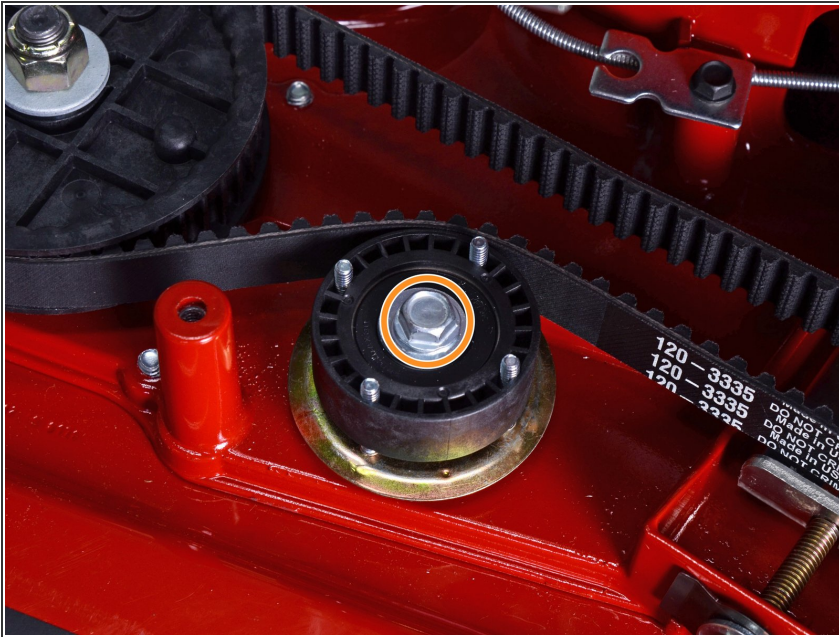
## Step 10



- Remove the upper belt guide from the pulley.

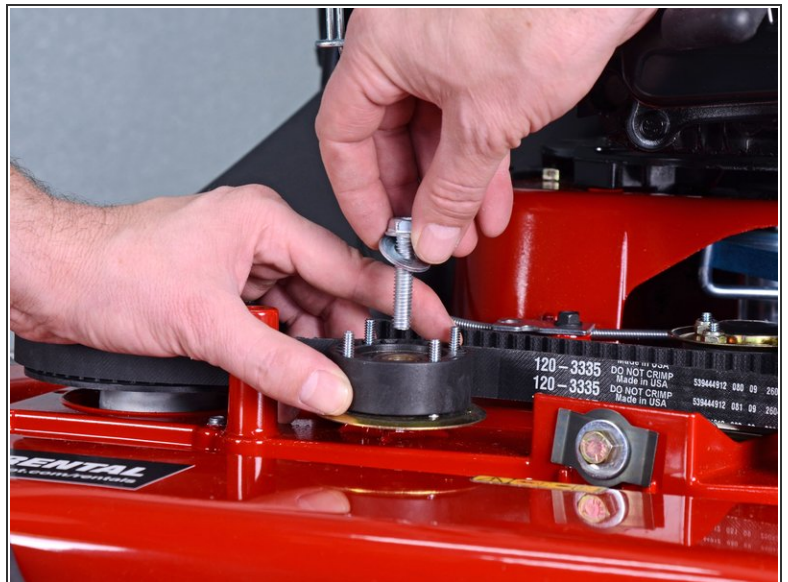
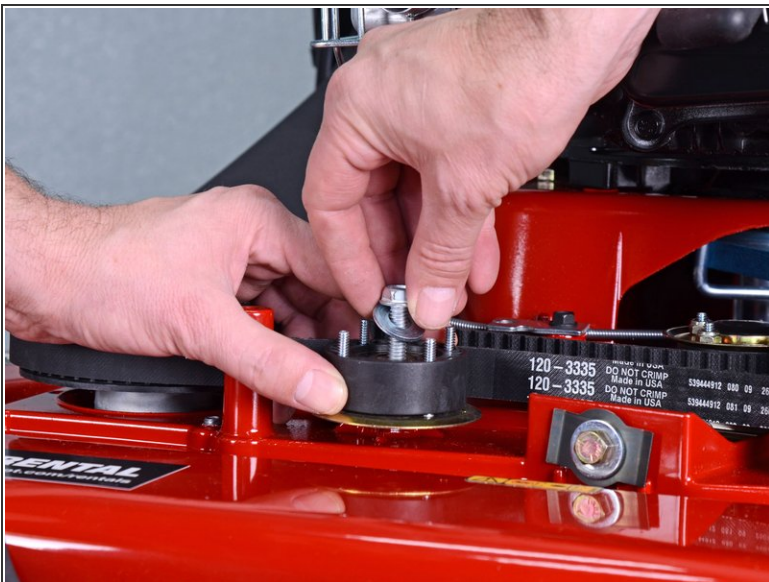


## Step 11 — Remove the left pulley



- Use a 1/2 inch socket to remove the left pulley bolt

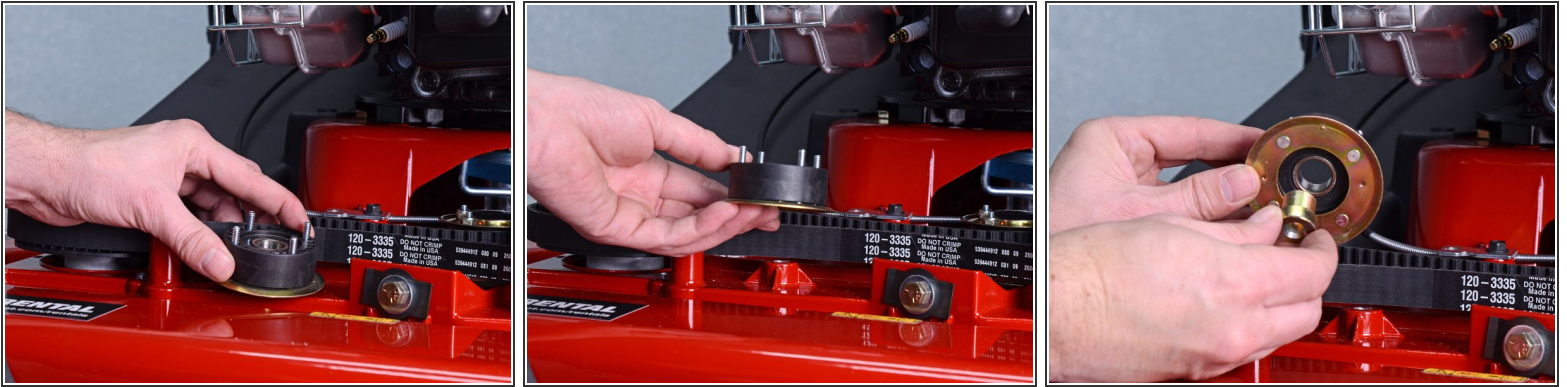
## Step 12



- Remove the pulley bolt and washer.




## Step 13



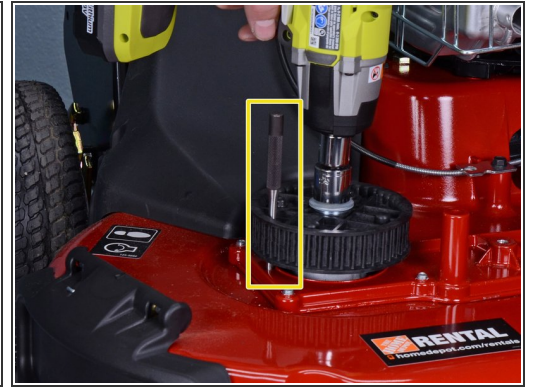
- Remove the left pulley.
- Remove the bushing from the pulley.

## Step 14 — Remove the belt from the left sprocket



- Lift the belt up and over the left sprocket.
- Move the belt to the front of the mower, out of the way of the belt tensioner.
- ☒ During reassembly, ensure all belt teeth are fully seated, otherwise there will not be enough slack for the belt to be installed.
-  During reassembly, ensure that the blades are [oriented perpendicularly](#) to one another so they don't collide.
- Spin the left sprocket, with the blade attached underneath, until it is in a safe position, then place the belt on the sprocket.
- Spin both blades to ensure they don't touch during a 360° rotation.

## Step 15 — Remove the sprocket bolt



- Use an impact wrench with a 3/4 inch socket to remove the left sprocket bolt.
- If necessary, use a punch or screwdriver to lock the sprocket in place during removal, lining up the hole in the sprocket with the hole in the blade guard.

## Step 16 — Remove the sprocket



- While holding the spindle shaft from underneath, lift the sprocket up to remove it.

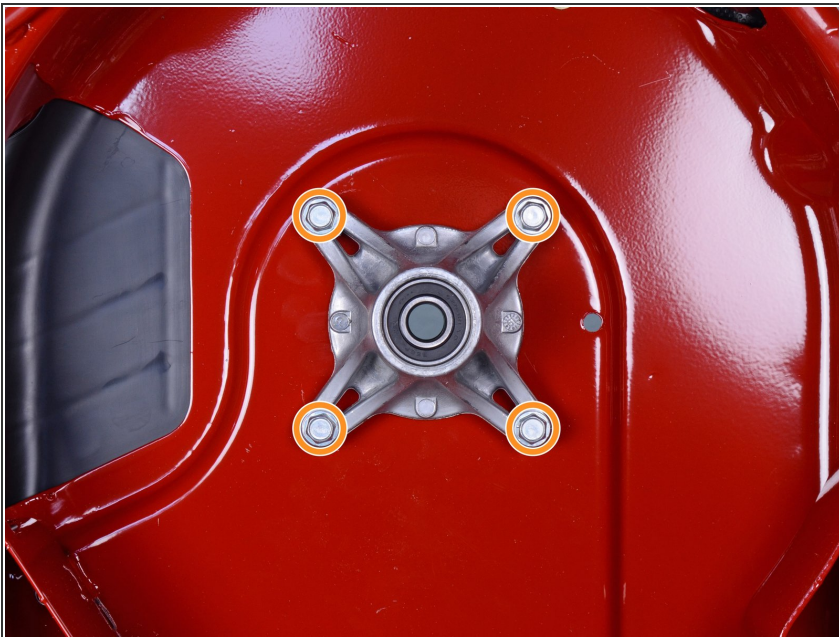


## Step 17 — Remove the left spindle shaft



- Grabbing the spindle shaft from the bottom, lower it down through the spindle.
- Remove the spindle shaft from underneath the mower.

## Step 18 — Remove the spindle bolts



- Tilt the mower onto its side so the spindle assembly is facing out.
- ⓘ This may require two people.
- Use a 1/2 inch socket to remove the four spindle bolts.

## Step 19 — Remove the spindle



- Remove the spindle.

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