



# RL20/25 Handle Extension Kit

## INSTALLATION INSTRUCTIONS

### KIT CONTENTS

- Extension Brackets (1 left / 1 right)
- Right Side Bracket Spacer (1)
- Mounting Bolt, Nuts, Washers (6 sets)
- Long Clutch Rod Nut (1)
- Throttle Cable (1)
- Roller Lift Chain (42 links)

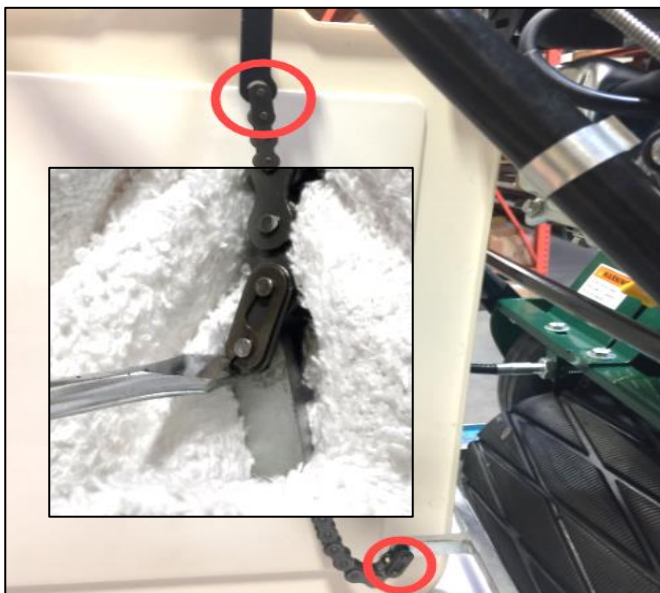


### RECOMMENDED HAND TOOLS

- 1/2" combination wrench (2)
- Medium adjustable wrench
- 7/16" & 1/2" sockets
- 3/8" Ratchet & short extension
- Flat head screwdriver
- Phillips head screwdriver

### Step 1 – Remove Drive Roller Lift Chain

Disconnect each end of the chain by removing master links at the handle and roller frame. **Tip: Use a rag to hold chain and surround the area to catch the clip and use the flat side of the screwdriver to push the open side off.**

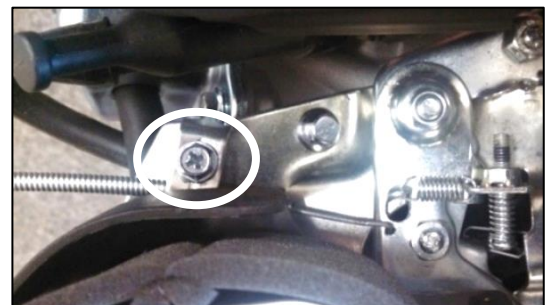


### Step 2 – Remove Throttle Lever & Wire

- A. Remove the lever from upper handle.



- B. Remove air filter cover to access mounting clamp, loosen the screw to remove outer casing, then remove inner wire from throttle arm. **NOTE: The end is "Z" shaped.**

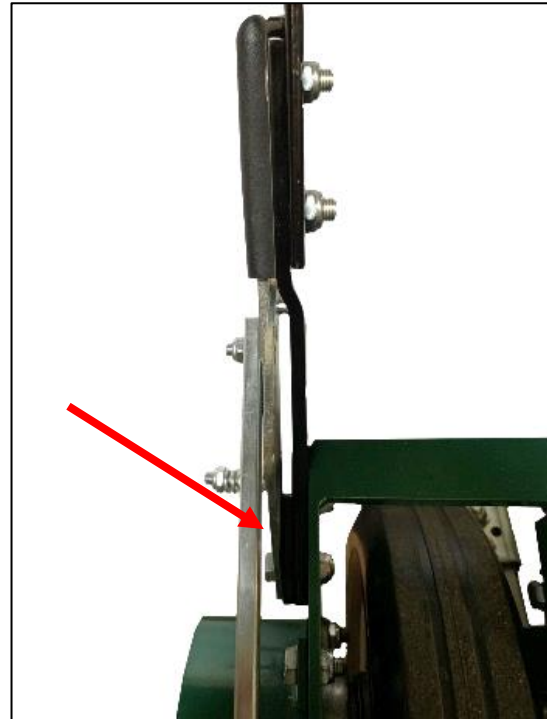




**Step 3 – Remove Upper Clutch Rod**  
Remove the split (cotter) pin from the rod end connected to the clutch engagement lever.

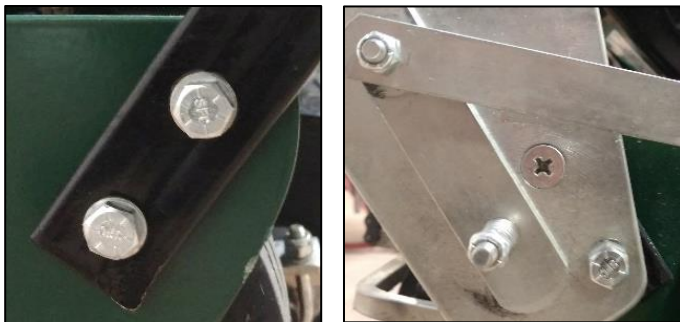
Loosen the lock nuts and disconnect the upper rod from the lower rod along with the connection nut.

On the RH side, use the new fasteners supplied and place the spacer between the extension bracket and adjustment bracket (as shown in the image) to provide extra space for handle movement and position locking. Tighten all fasteners securely on both sides.



### Step 4 – Remove Handle from Frame

Remove 2 x hex head bolts & nuts from the left side. On the right side, move the height adjustment handle for access to the Phillips head bolt. **Note: there are no washers on this side.**

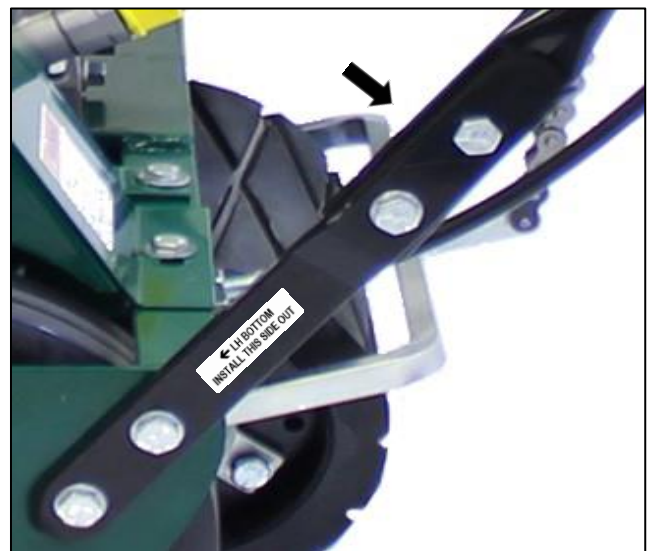
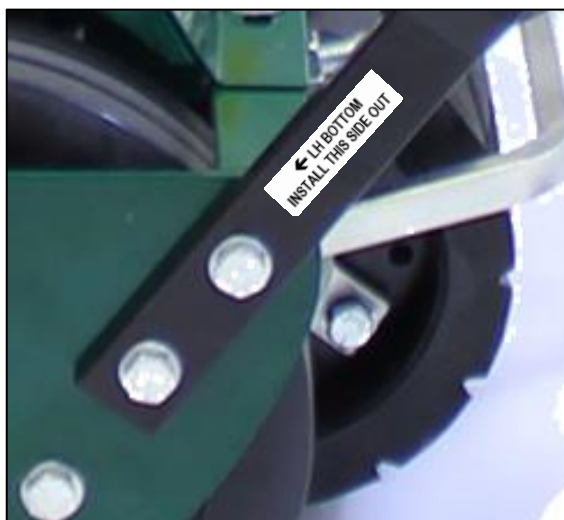


### Step 6 – Reinstall Handle

Install the handle onto the extension brackets using the new bolts, washers and nuts provided in the kit. Tighten securely on both sides.

### Step 5 – Install Handle Extension Brackets

On the LH side, install in the same position on the frame as the handle just removed, using the same bolts, washers and nuts.



### Step 7 – Reinstall Upper Clutch Rod



Add the longer connection nut to the upper rod, thread it back onto to the lower rod, and tighten until it can be inserted into the lever.

Reinstall the split (cotter) pin and tighten the lock nuts.

### Step 8 – Install (New) Throttle Wire

Insert the “Z” end of the inner wire into the throttle arm on the carburetor, then place the outer cover under the clamp – do not tighten completely. Route the wire underneath the crossbar back and up to the lever mounting point of the upper handle and install. Move the lever to the slow position (turtle icon), then push the wire at the carburetor until the throttle arm is in the corresponding slow position. Tighten clamp screw.

#### Briggs & Stratton



#### Honda

