



RR2555 Grizzly Bar Kit

Installation Guide

For RR503 and RR510 firewood conveyors

This guide covers mounting the grizzly brackets and swivel adapters, fitting the grizzly-bar assembly, and suspending the grate pan beneath it. Complete all four steps and the final inspection before use.

Before you begin

WARNING Stop the engine, allow all movement to stop, and disable starting before installation or adjustment. Set the conveyor on firm, level ground with its stabilizers secure and wheels chocked.

WARNING Do not work beneath a raised conveyor unless it is securely supported by rated mechanical supports. Keep hands clear of the grizzly pivots, chain, and upper roller. Support the grizzly assembly and pan while installing their fasteners.

Wear safety glasses, work gloves for stationary components, and protective footwear. Use assistance for awkward parts. Keep bystanders clear of the discharge end.

Required parts and preparation

Identify two L-brackets, two slotted angle swivel adapters, the grizzly-bar assembly, grate pan, suspension chains, and supplied hardware. Have correctly sized wrenches or sockets ready.

The conveyor trough, upper roller, and both discharge-end side extensions must already be installed. Keep the extensions supported when removing their rear bolts. If the mounting arrangement or hardware differs from the photographs, contact your nearest dealer.



Completed RR2555 installation at the conveyor discharge end

NOTE Use this guide with the assembly and operating instructions for your RR503 or RR510. Complete all remaining conveyor assembly and safety checks before starting the machine.

Step 1 Mount both L-brackets

At the discharge end, remove the rear mounting bolts from the two upper side extensions. Position one grizzly L-bracket on each side, matching the orientation below. Reinstall the same bolts through the extensions and brackets, then secure the connections.



L-bracket secured using the rear side-extension bolts

Check that both brackets are seated correctly and extend toward the discharge area in matching positions. Confirm that the upper side extensions remain secure.

Step 2 Attach the swivel adapters

Fasten one slotted angle swivel adapter to each L-bracket using the supplied hardware. Match the orientation below. Leave the adjustment hardware loose enough to set both sides to the same angle when the grizzly assembly is fitted.



Slotted swivel adapter mounted to the L-bracket

NOTE Keep the left and right adapters aligned. The curved slots provide angle adjustment; do not force mismatched positions together.

Step 3 Attach the grizzly-bar assembly

WARNING Support the grizzly-bar assembly while aligning it between the adapters. Keep fingers out of the mounting holes and pivot joints.

Position the grizzly-bar assembly between the two swivel adapters and install its supplied pivot fasteners. Center the assembly and set both adapters to the same angle.



Grizzly-bar assembly attached between both swivel adapters

Secure the bracket and adjustment hardware, and check that all pivot fasteners and retaining parts are installed. The grizzly assembly must still swing freely without binding. Do not tighten a pivot so that it cannot move as intended.

Check the movement

With the engine disabled, support and move the grizzly assembly carefully through its available travel. Check clearance from the trough, conveyor chain, and upper roller. Keep hands out of pinch points. Correct any binding or contact before fitting the pan.

NOTE Use the supplied fasteners at their intended locations. For a missing fastener or tightening specification, contact your nearest dealer.

Step 4 Suspend the grate pan

Support the grate pan beneath the grizzly bars and attach it using the supplied chains and hardware. Use matching chain links on both sides so the pan hangs level and remains clear of the moving grizzly assembly.



Grate pan suspended beneath the grizzly assembly

Secure every chain connection. Check that the pan and chains cannot contact the conveyor chain, upper roller, or grizzly bars during movement.

Final inspection

- Both L-brackets and upper side extensions are securely fastened.
- Both swivel adapters are aligned and their adjustment hardware is secure.
- The grizzly assembly is centered, its pivot fasteners are retained, and it swings freely without binding.
- The pan hangs level from matching chain links and all chain connections are secure.
- The bars, pan, and suspension chains clear the trough, conveyor chain, and upper roller throughout the grizzly's available travel.

First use and recheck

After completing the conveyor's own assembly and pre-start checks, run it without material using its operating instructions. Observe from a safe position clear of the discharge area. Stop immediately if the kit shifts, binds, or contacts moving parts.

After the first short period of use, stop the engine, disable starting, and wait for all movement to stop. Recheck the bracket, adapter, pivot, and chain connections. Confirm that the grizzly still swings freely and the pan remains level and clear. Repeat these checks after adjustments.

WARNING Never reach into or adjust the grizzly bars or pan while the conveyor is moving. Shut down and disable starting before clearing trapped material.

For installation assistance or replacement parts, contact your nearest dealer.