



How to Replace a Rear Brake Cable

Fix a broken or frayed brake cable on your bike by replacing it with a new one.

Written By: Jacob Valdez



INTRODUCTION

This tutorial is to show you how to replace the rear brake cable on a Vector Haro bicycle. Keep in mind some parts and layouts may vary based on bike model and year made.

TOOLS:

- 3/8" Drive Ratchet (1)
- 10mm Socket (1)
- 10mm Wrench (1)
- 10mm Allen Wrench (1)
- Wire Cutter (1)

PARTS:

- Brake cable (1)

Step 1 — Rear Brake Cable



- Using the smart wrench and socket wrench, remove the nuts that are holding the connector to the old brake line.
- After taking apart the connector, slide the screw off the brake line.

i The nut may be difficult to remove if it has not been removed for a while.

★ Keep in mind the order the parts came off the connector. This will make reassembly easier.

Step 2



- Remove the cable housing from its holders.
- Slide the housing off the brake cable.

Step 3



- Remove the second cable housing from its holder.
- Unscrew the other end of the housing from the brake.
- Remove the housing from the cable.

Step 4



- Apply pressure to the brake to reveal the end of the brake cable.
- Remove the cable from its holder within the brake.
- Pull the remaining cable through the brake.

Step 5



- Flip your bike to make the brake housing more visible.
- Insert the new brake cable into the brake housing.

Step 6



- Slide the cable housing onto the new cable.
- Re-insert the housing back into its holders.

Step 7



- Slide the rear cable housing onto the new brake cable.
- Re-insert the housing into its holders.

Step 8



- Slide the screw and washer onto the end of the brake cable.
- Slide the connector over the screw and tighten the nut and washer on the other end by hand, so it can slide along the brake cable.

Step 9



- Flip bike back right-side-up.
- Slide the connector up near the housing holder. About an inch between the connector and holder should be fine.
- Using the smart wrench and 10mm socket wrench, tighten the nut so it grips the brake line firmly.
- Using wire-cutters, cut the extra cable so only about an inch remains.

Step 10



(i) You can recycle the old brake cable for this.

- Insert the end of the brake cable with a "nub" into the slot on the rear left brake.
- Slide the cable onto the slot on the connector.
- Slide the other end of the cable into the holder on the right rear brake.
- Pull the cable to clamp down the brakes so they almost touch the rim of the wheel.
- Tighten the screw so the cable does not come loose.

You now should have a fully function rear brake on your bike.