EQUAL

Control Lever
Dropper

Supplementary Manual

v1_202507

Introduction

This supplementary manual provides additional information required for installing a dropper post with the "EQUAL Control Lever User Manual."
Please make sure to follow all important notices, cautions, and warnings described in the user manual to ensure safe and proper use.

1.Specifications

・Dropper Cable Pull	Maximum 11 mm (theoretical value)
・Brake System	Mechanical. Equivalent to a road/cantilever brake lever (short pull). Compatible with caliper brakes and mechanical disc brakes. Not compatible with V-brakes.

Note: This product includes only the left lever and does not support shifting functions.

2.Included Parts

・Brake bead	1pc
・Brake outer end cap (pre-installed)	1pc
・Brake Reach Adjuster L (Small, pre-installed)	1pc
・Brake Reach Adjuster L (Large)	1pc
・Liner Tube	1pc
・3 mm outer casing (2200 mm)	1pc
・1 mm inner cable (2300 mm)	2pcs
・3 mm outer casing connector	1pc
・3 mm-to-5.8 mm outer casing cap	1pc
・3 mm-to-4 mm outer casing cap	1pc
・Inner cable end cap	2pcs

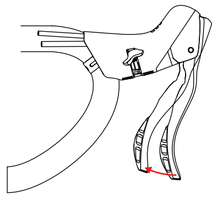
Note: Brake cable set is not included. Please prepare separately.

3.List of Required Tools

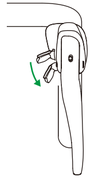
・**4 mm Hex Wrench**
・**Phillips head screwdriver (#1). Note: JIS type recommended for best fit.**
・**T20 Torx Wrench**

4.Operation Guide

Braking operation



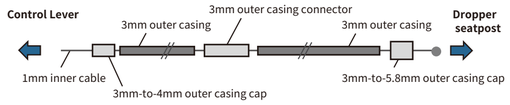
Dropper operation



5.About the 3mm Dropper Cable Set

The included 3mm dropper cable set features a 3mm outer diameter and 1mm inner diameter, making it thinner than standard shift cable sets.
This allows for easy installation even in frames with limited internal space, such as chromoly frames.
Additionally, it is approximately 35% lighter compared to a 4mm shift cable set.
Please refer to the illustration below for cable assembly and installation instructions.
Note: Standard 4mm shift cable sets can also be used.

Cable set assembly example

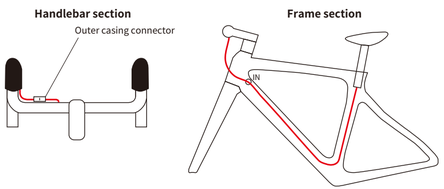


6.Cable Routing

By using the 3mm outer casing connector, you can adjust the cable length to accommodate position changes such as saddle height or stem adjustment without replacing all outer casings.

[Cable Routing Example]
If you need to change the cable length, adjust the outer casing length between the control lever and the outer casing connector.
Replace the 1mm inner cable as needed.

Cable Routing Example



7.Installing the Control Lever

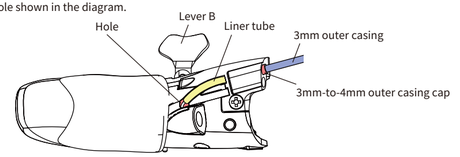
1.Mounting the Control Lever
⇒Refer to the User Manual, Section 6-1: Mounting to the Handlebar.

2.Remove the under cover
⇒Refer to the User Manual, Section 6-2-1: Removing and Installing the under cover.

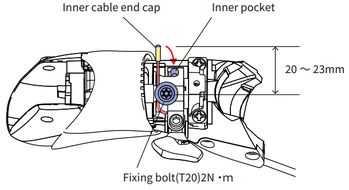
8.Installing the Dropper Cable

Assemble the cable from the dropper seatpost side up to the outer casing connector.

Attach the dropper cable to the control lever as follows:
1.Insert the 3mm-to-4mm outer casing cap and 3mm outer casing into the hole on the lever B side of the control lever.Pass the inner cable through the liner tube and insert it into the control lever through thehole shown in the diagram.



2.Route the inner cable toward the front side of lever B.
3.Pass the inner cable under the inner fixing bolt and apply appropriate tension.
4.Tighten the inner fixing bolt to2 N·m.
5.Cut the inner cable 20–23 mm from the center of the fixing bolt and attach the inner cable end cap.
6.Push the capped inner cable end into the inner pocket.
7.Operate lever B and verify that the dropper seatpost functions correctly.
If slack occurs in the cable, remove the inner cable from the inner pocket, apply tension, and repeat the installation procedure.



8.Reinstall the under cover.
⇒Refer to the User Manual, Section 6-2-1: Removing and Installing the under Cover.

9.Installing the Brake Cable

Install the brake cable according to the User Manual.
⇒Refer to the User Manual, Section 6-3: Installation of Brake Cable.
⇒Refer to the User Manual, Section 6-4: Brake Reach Adjuster Adjustment.