



# BLACKBOX REMOTE CONTROL Installation Instructions

August 2002

This instruction sheet guides you through the installation of the BlackBox Remote Control.

## PRIOR TO INSTALLATION

Thoroughly clean your fork and inspect for any damage. If service is required, follow the instructions in the appropriate Service Guide, available for download at [www.rockshox.com](http://www.rockshox.com).

## INSTALL REMOTE LEVER

Your lever may be installed in a variety of positions on the handlebar, depending upon shifter and brake selection as well as rider preference. In all cases, the Remote lever should be installed on the left side of the handlebar, as viewed from the rider's perspective. See PICTURE for recommended Remote Lever positioning (fig. 1).

Although RockShox designed the Remote Control to work with most shifter and brake combinations, there is the possibility of incompatibility. Once the Remote Lever is installed on the handlebar, turn the lever clockwise to ensure unobstructed movement of the lever. With the "Instant Off" button depressed, return the lever to the open position.



Fig. 1



Fig. 1a

## REMOVE CLIMB-IT CONTROL ADJUSTER

1. Using a 2mm hex wrench, remove the screw located in the center of the Climb-It Control adjuster (fig. 2).
2. After removing the screw, remove the Climb-It Control adjuster. Remove the 5/32 ball bearing and small spring (fig. 3).



Fig. 2



Fig. 3

## INSTALLING THE REMOTE CABLE STOP

3. Install the Remote Control cable stop on the Climb-It Control assembly.
4. Orient the cable stop towards the front of the fork (fig. 4). The cable stop clamps to the corners of the Climb-It Control assembly top cap. The timing mark should be at the 12 o'clock position as viewed from the rider's perspective.
5. With a 2mm hex wrench, tighten the fixing bolt to 8 in-lb.



Fig. 4



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## INSTALLING THE REMOTE CONTROL CAP

- By hand, rotate the compression adjustment rod clockwise until it stops (fig. 5). This is the "lockout" position.
- Place the Remote cap on the compression adjustment rod. When in the "lockout" position (fig. 6), the Remote cap should be prevented from further clockwise rotation by the Remote Control cable stop. If this is not the case, loosen the fixing bolt on the cable stop, and position the piece to prevent further clockwise rotation of the Remote cap.
- After ensuring proper positioning of the cable stop, install the Remote cap at the locked out position, where the cap is bottomed against the cable stop (fig. 6). The cable fixing bolt of the Remote cap should be directly in line with the timing mark on the Remote Control cable stop (fig. 6a). This is the default "open" position.
- Remove the cap from Climb-It Control assembly. Place the small torsion spring in the underside of the remote cap (fig. 7). A small amount of grease applied to the spring will help prevent the torsion spring from moving.
- Re-install the Remote cap on the compression adjustment rod. When installing the cap, use care to ensure proper torsion spring fit with the detent holes of the Climb-It Control top cap.
- Install the 2mm hex screw and tighten to 8 in-lb.

NOTE: TO ALLOW FOR LATER FINE TUNING, SET THE BARREL

## CABLE INSTALLATION

ADJUSTER IN THE MIDDLE OF THE RANGE.

The BlackBox Remote Control kit comes with pre-cut cable housing. If further reductions in cable housing length are required, be sure to properly finish the cable housing to eliminate any burs or sharp edges.

NOTE: TWO PLASTIC CABLE FERRULES ARE PROVIDED AND SHOULD BE INSERTED INTO THE BARREL ADJUSTER.

- With the Remote Control lever in the open position, feed the cable through the lever and cable housing, and into the Remote Control cable stop (fig. 8).
- Position the cable fixing screw of the Remote cap 60 degrees clockwise from the timing mark on the Remote Control cable stop (fig. 9).
- Tighten the cable fixing screw to 8 in-lb. Cut any excess cable, and install a cable end cap.

Verify proper function of the Remote Control lever. The lever should provide 135 degrees of compression adjustment, ending in lockout of the fork (fig. 10a and 10b). Depressing the "Instant Off" button should return the fork to the open and active position.

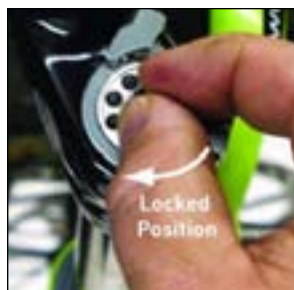


Fig. 5



Fig. 6



Fig. 6a



Fig. 7



Fig. 8



Fig. 9



Fig. 10a



Fig. 10b

## HELPFUL HINTS

The orientation of the "open" position can be adjusted by changing initial position of the Remote Cap. To increase compression damping when in the open position, return to the Cable Installation step. Positioning the Remote Cap more than 60 degrees counterclockwise from the timing mark will increase compression damping in the "open" position.