



FLAK JACKET™

IMPORTANT

Follow these instructions carefully. If you do not understand the instructions, have the installation done by a professional bike mechanic.

Flak Jacket Cables are a fully shielded cable system which depend on Shield-Lock ferrules. These ferrules must not fit too tightly through the holes in the cable stops. If your cable stops have unusually small holes, they will pinch the tubes and create extra friction in the system. The cable stop holes should be 2.4mm in diameter or larger. They need to be filed if they are undersized.

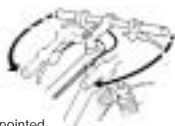


DERAILLEUR CABLE INSTALLATION INSTRUCTIONS

1

CUT THE HOUSING

Using **bicycle cable cutters**, cut the Flak Jacket cable housing to length. Keep the housing as short as possible while avoiding sharp bends.



Use an awl or other pointed object to flare open the housing liner.

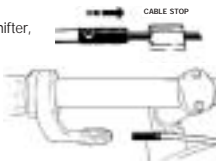
NOTE: If your cable cutters are not **very sharp** and in excellent condition, don't even try to cut it.

For full suspension bikes, be sure to use enough housing near the rear pivot to allow for suspension travel.

2

INSERT THE CABLE FERRULES

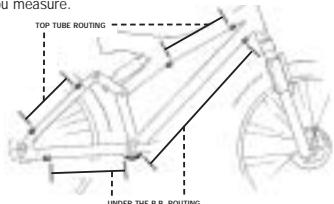
If the housing end goes to a shifter, put on a conventional ferrule. If the housing end goes to a cable stop, put on one of the Shield-Lock ferrules.



3

CUT THE RED CABLE SHIELD TUBING

Measure the distance between cable stops (where any exposed cable runs) and cut the tubing 1/4 to 1/2 inch shorter than the distance you measure.



NOTE: For under the bottom bracket routing, measure from the down tube cable stop to the bottom bracket for both the front and rear derailleur. Then measure from the bottom bracket to the rear cable stop on the chainstay.

4

PUT IT IN PLACE

Install the housing and cable shields into their proper locations, inserting the Shield-Lock ferrule tubes into the cable shield at the cable stops.



For under the bottom bracket routing: Included are two pieces of semi-rigid black tubing. The longer one is for the front derailleur. These are installed into the cable guide under the bottom bracket.

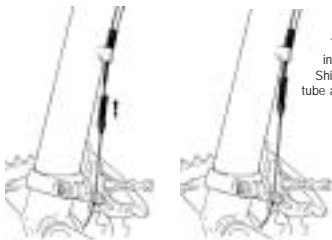


The cable shield that runs from the down tube cable stops to the bottom bracket cable guide, and from the bottom bracket cable guide to the rear derailleur, is then installed over the black tubing.

5

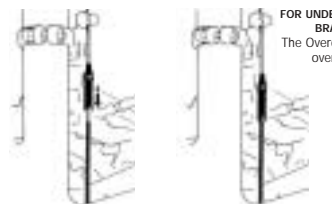
THREAD THE CABLE

Install the inner wire into the shifter and thread it through the housing and shield. The front derailleur cable will be sealed with the rubber Overcoat™.



FOR TOP TUBE ROUTING

The Overcoat is installed over the Shield-Lock ferrule tube at the seat tube cable stop.



FOR UNDER THE BOTTOM BRACKET ROUTING

The Overcoat is installed over the end of the black tubing.

6

ATTACH THE CABLE TO THE DERAILLEUR

Tighten the cable anchor bolt onto the cable to the manufacturer's specifications. Cut off the excess cable and crimp on the enclosed cable end.

7

TEST THE SYSTEM

Shift through the gears to ensure the cables are seated properly and operate smoothly. Make sure the cable has not slipped at the cable anchor bolt. Re-torque if necessary. **Ye'r done!**

NOTE: This kit includes many parts to account for different possible derailleur cable routings. Depending on your specific bike, you may need to use the pieces differently than stated here.