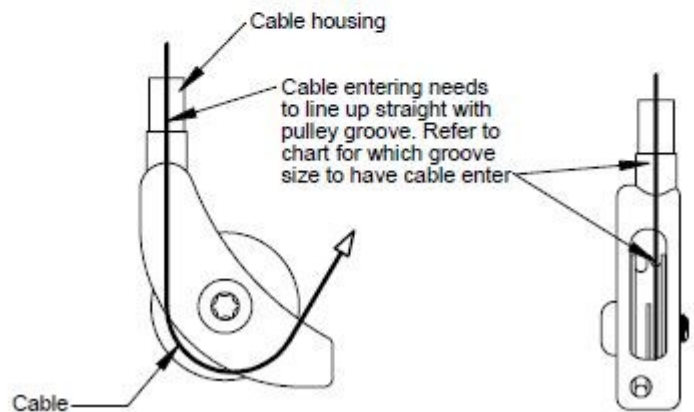
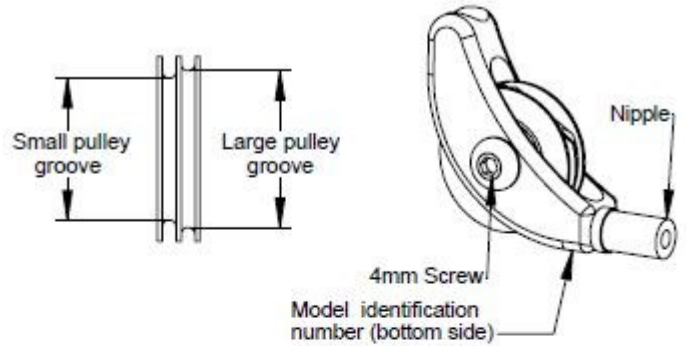


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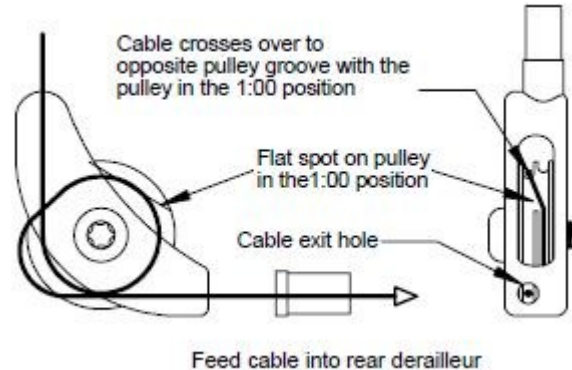
ShiftMate

Bicycle shifting adaptor for
Campagnolo, Shimano & SRAM
shifting systems



STEP 1

Thread cable down through hole in top of body. Rap cable around wheel and back up through body. Make sure to keep cable in a straight line with inside pulley groove. Seat cable housing into ShiftMate body.



STEP 2

Continue to rap cable around pulley crossing over to the opposite side pulley groove using the flat spot in pulley. Finish routing cable using the opposite pulley groove and exit body using cable exit hole. Make sure the flat spot on pulley is approximately in the 1:00 position. Slide Nipple over cable and finish installation by routing cable into derailleur.

Trouble shooting cable slip that causes poor indexing.

1. 'kink' the cable at the point it crosses between the tracks to stop it slipping if there is not enough friction.
2. Add a drop of thread lock at this point.

Operation:

The ShiftMate operates by changing the ratio of cable pull used by the shifting components. The cable raps around one size pulley groove and transfers to another size pulley groove through a flat slot on pulley, changing the rate of cable pull like the gears on a bike.

Before you begin:

Make sure you have purchased the proper model for the components you are mating. (please see the Jtek website for an up to date compatibility chart). The pulley has two different size grooves in it. As the cable enters the ShiftMate's housing, the proper size pulley groove has to be aligned with the cable. It may be necessary to remove the 4mm screw and flip pulley around so either the larger or small pulley grooves are facing the correct direction for the proper ratio of the components you are mating.

Gear Cable End Cap:

For installation you will require a gear cable end cap with an external diameter of 5.3mm.

The Clarks Plastic Gear Ferrule for 4 mm gear outer cable meets this specification.

Cable housing:

The ShiftMate eliminates 90 degrees of cable housing bend. The cable housing feeding the rear derailleur should be cut to a shorter length. It is recommended that a new shift cable be installed at the same time. Threading a used or short cable with frayed ends will make installation difficult.

Setup:

Before routing of cable begins, make sure all barrel shift adjusters are turned in, derailleur is set to smallest cog, and shifting cable is fully retracted from the shifter (highest gear).

Note: For the latest compatibility guide please visit
www.jtekengineering.com

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