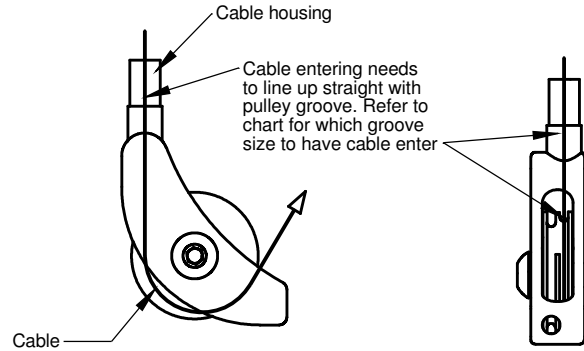
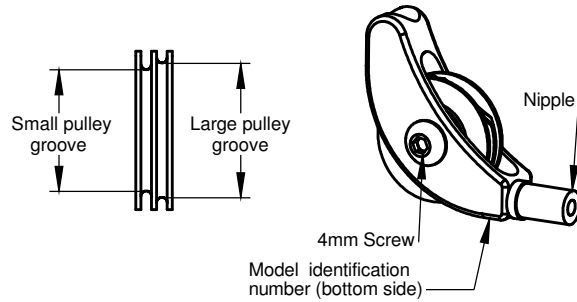


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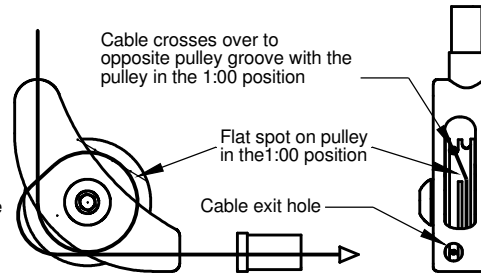
ShiftMate

Bicycle shifting adaptor for Campagnolo, Shimano & SRAM shifting systems



STEP 1

Thread cable down through hole in top of body. Wrap 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.



Feed cable into rear derailleur

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.

Model	COMPONENT MATES			Pulley Groove size that cable enters
	Shifter	Derailleur	Cassette type & Speed	
#1 For mixing wheelsets or Campagnolo & SRAM Shifters	Shimano® 8sp	Shimano®	Campagnolo® 8sp	Small
	Shimano® 9sp	Shimano®	Campagnolo® 9sp	Small
	Shimano® 10sp	Shimano®	Campagnolo® 10sp	Small
	Campagnolo® 8sp	Campagnolo®	Shimano® 8sp	Large
	Campagnolo® 9sp	Campagnolo®	Shimano® 9sp	Large
	Campagnolo® 10sp	Campagnolo®	Shimano® 10sp	Large
	Campagnolo® 10sp	Campagnolo®	Shimano® 9sp	Small
	Campagnolo® 10sp	SRAM®	SRAM or Shimano 10sp	Small
	SRAM 10sp	Campagnolo®	Campagnolo® 10sp	Large
#2 For mixing speeds & shifters	Shimano® 9sp	Shimano®	Shimano® 8sp	Small
	Shimano® 9sp	Campagnolo®	Campagnolo® 10sp	Small
	Shimano® 9sp	Shimano®	Shimano® 10sp	Large
	Shimano® 10sp	Shimano®	Shimano® 9sp	Small
	2001 & newer Campagnolo® 9sp	Shimano®	Shimano® 8sp	Large
	2001 & newer Campagnolo® 9sp	Campagnolo®	Campagnolo® 10sp	Large
	Campagnolo® 10sp	Shimano®	Shimano® 9sp	Large
	Campagnolo® 10sp	Campagnolo®	Campagnolo® 9sp	Small
#3 For mixing shifters	Shimano® 9sp	Campagnolo®	Campagnolo® 9sp	Small
	Shimano® 10sp	Campagnolo®	Campagnolo® 10sp	Small
	2001 & newer Campagnolo® 9sp	Shimano®	Shimano® 9sp	Large
	Campagnolo® 10sp	Shimano®	Shimano® 10sp	Large
#4 For mixing older Campagnolo systems	Shimano® 8sp*	Campagnolo® pre-2001	Campagnolo® 8sp	Small
	Shimano® 9sp shifters	Campagnolo® pre-2001	Campagnolo® 9sp	Small
	Campagnolo® 8sp	Shimano®	Shimano® 8sp	Large
	Pre-2001 Campagnolo® 9sp	Shimano®	Shimano® 9sp	Large
#5 For mixing SRAM & Shimano	SRAM 10sp	Shimano®	SRAM or Shimano 10sp	Large
	Shimano 10sp	SRAM®	SRAM or Shimano 10sp	Small

All Shimano road and mountain bike derailleurs are functionally the same, except for Dura-Ace 8sp. Concern needs only to be given to cage widths. Avoid using a narrower cage with a wider chain size.

2001 and newer Campagnolo shifters and derailleurs are not compatible with older versions.

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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. (Refer to the 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.

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).