

Bicycle shifting interface device

MODEL	COMPONENT MATES		SYSTEM TYPE	DIRECTION FACING OF LARGE PULLEY GROOVE
	FROM	TO		
1	Shimano® 8sp shifters & derailleur	Shimano® 8sp wheelsets	8 speed	INSIDE
	Campagnolo® 8sp shifters & derailleur	Shimano® 8sp wheelsets	8 speed	OUTSIDE
	Shimano® 9sp shifters & derailleur	Campagnolo® 9sp wheelsets	9 speed	OUTSIDE
	Campagnolo® 9sp shifters & derailleur	Shimano® 9sp wheelsets	9 speed	INSIDE
	Shimano® 10sp shifters & derailleur	Campagnolo® 10sp wheelsets	10 speed	OUTSIDE
	Campagnolo® 10sp shifters & derailleur	Shimano® 10sp wheelsets	10 speed	INSIDE
	Pre-2001 Campagnolo® 9sp shifters	2001 & newer Campagnolo® derailleur & wheelsets	9 speed	INSIDE
	2001 & newer Campagnolo® shifters	Pre-2001 Campagnolo® derailleur & wheelsets	9 speed	OUTSIDE
2	Campagnolo® 10sp shifters	Shimano® 9sp derailleur and wheelsets	9 & 10 speed	INSIDE
	Shimano® 9sp shifters (Note: System will only index 9 times or use 9 of the 10 cogs)	Campagnolo® 10sp derailleur and wheelsets (Note: System will only index 9 times or use 9 of the 10 cogs)	9 & 10 speed	OUTSIDE
3	2001 & newer Campagnolo® Shifters	Shimano® derailleur & wheelsets	9 speed	INSIDE
	Shimano® shifters	Campagnolo® wheelsets & 2001 & newer Campagnolo derailleur	9 speed	OUTSIDE
	Campagnolo® 10sp shifters	Shimano® derailleur & 10sp wheelsets	10 speed	INSIDE
	Shimano® 10sp shifters	Campagnolo® 2001 & newer derailleur & 10sp wheelsets	10 speed	OUTSIDE
4	Pre-2001 Campagnolo® Shifters	Shimano® derailleur & wheelsets	9 speed	INSIDE
	Shimano® shifters	Campagnolo® wheelsets & pre-2001 Campagnolo® derailleur	9 speed	OUTSIDE

Note: 2001 & newer 9 speed Campagnolo shifters are identified by "9 speed" lettering on the front of the shifter body

INSTALLATION INSTRUCTIONS:

Warning: Installation should only be done by qualified personnel experienced with the installation and adjustment of bicycle shifting components.

Operation:

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

Before you begin:

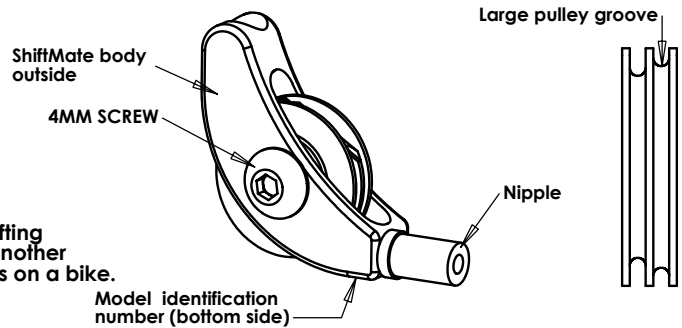
Make sure you have purchased the proper model for the components you are mating. Refer to the table to identify proper model and pulley facing. It may be necessary to remove the 4mm screw and flip pulley around so the pulley grooves are facing the correct direction for the components you are mating.

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.

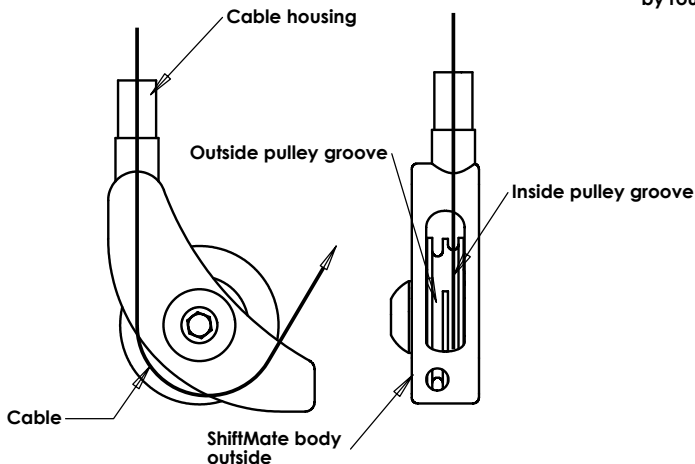
Setup:

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



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 outside pulley groove using the flat spot in pulley. Finish routing cable using the outside pulley groove and exit body using cable exit hole. Make sure the flat spot on pulley is in the 1:00 position. Slide Nipple over cable and finish installation by routing cable into derailleur.

