

Basic adjustments for a Derailleur on a road bike.

The following may help when the gear cables stretch causing difficulty with gear changing.
(For more detailed information see 'Bicycle Maintenance Notes' in 'Documents' on the Club's website)

These instructions are **unlikely** to help if the chain, chain ring gears or rear cluster are worn or if the hanger is out of alignment.

TO BEGIN

The chain should be on the smallest cog at the chain ring and at the rear cluster. Then rotate the crank to check how the gears are changing.

FRONT DERAILLEUR

If the derailleur is slow changing UP from small to big chain ring, UNSCREW the cable adjuster. (i.e. turn adjuster anti clockwise)

If the derailleur is slow changing DOWN to the small chain ring, TIGHTEN the cable adjuster. (i.e. turn the adjuster clockwise)

REAR DERAILLEUR

If the derailleur is SLOW to go into the lower (bigger dia.) gears, UNSCREW the cable adjuster. (i.e. turn adjuster anti clock wise)

If the derailleur is SLOW to go into the higher (smaller dia.) gears, TIGHTEN the cable adjuster (i.e. turn adjuster clockwise)

Please note: adjustments should be carried out in small increments e.g. a quarter turn of the adjuster, then check for improvement and if necessary try another quarter turn etc.



*Above - Adjuster for chain ring
(Front Derailleur)*



*Above - Adjuster for Rear Cluster
(Rear Derailleur)*

Below are basic memory joggers to keep with you while out on a ride

FRONT DERAILLEUR

If derailleur is **slow changing up** from small to big chain ring - **unscrew** the cable adjuster.

REAR DERAILLEUR

If the derailleur is **slow to go into the lower** (bigger dia.) gears, **unscrew** the cable adjuster.

If the derailleur is **slow to go into the higher** (smaller dia.) gears, **screw in** the cable adjuster

(Please note: adjustments should be carried out in small increments e.g. a quarter turn, then check for improvement and if necessary try another quarter turn etc.)