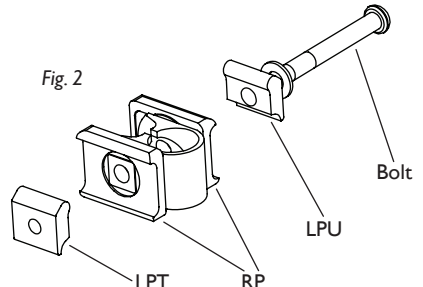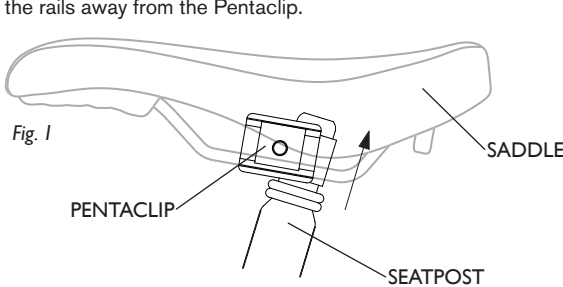# BLACK PENTACLIP DISASSEMBLY AND DEGREASING
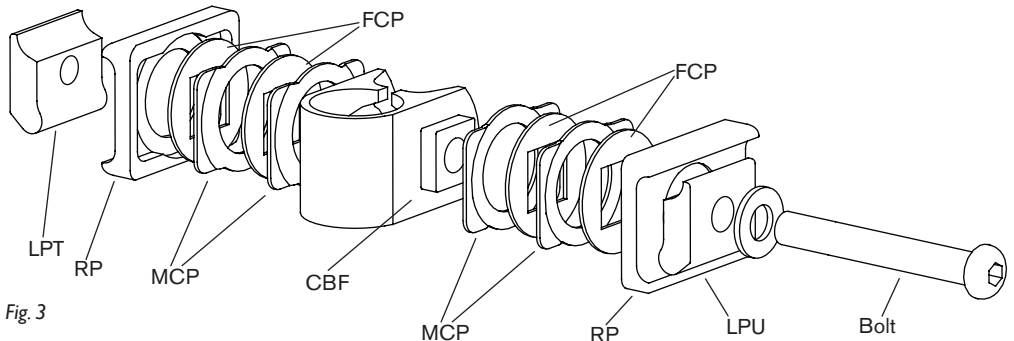
IMPORTANT INFORMATION

- If you are unsure of the correct process please consult your Brompton dealer or Brompton technical support; we cannot accept responsibility for any failures due to incorrect fitting or maintenance
- For the black Pentaclip to function properly without noise it is important that the plates are clean and free of grease; the bolt thread should be greased and the plates MCP must be in the correct orientation
- Before removing the Pentaclip and saddle from the bike, record the Pentaclip and saddle position/angle, so that they can be refitted correctly
- For more information on adjusting the saddle position see **ds-pentaclip**

REMOVING AND DISSASEMBLING THE PENTACLIP

Loosen the bolt which holds the assembly together by a few turns and slide the saddle and Pentaclip off the seat-post (fig. 1). Unscrew the bolt from the threaded part LPT, ensuring you are holding the two parts RP together and slide bolt, washer and part LPU out together (fig. 2). You can now remove the saddle from the Pentaclip by sliding the rails away from the Pentaclip.

Fig. 1

PENTACLIP

SADDLE

SEATPOST

Fig. 2

Bolt

LPU

LPT

RP

The Pentaclip can now be taken apart and the plates MCP and clamp band faces CBF degreased (fig. 3). Once the parts are clean and dry the Pentaclip can be reassembled with the clutch-plates fitted into the rail-plates (RP) in the order shown below. Plates MCP should be fitted with the formed 'ears' offset towards the outside of the bike (in order to engage fully with the rail-plates RP). The plates FCP may be a tight fit on the square splines.

FCP

FCP

LPT

RP

MCP

CBF

MCP

RP

LPU

Bolt

Fig. 3

Refit the saddle to the Pentaclip and slide onto the seatpost, positioning it half way up the small diameter of the seatpost. Gently tighten the Pentaclip bolt with a 5mm hex key, leaving the assembly loose enough to adjust the saddle position. Ensure that you have the Pentaclip in the correct orientation and the saddle position and angle is correct. Once the saddle position is set, tighten the Pentaclip bolt to 15Nm.