

Assembly instructions: DRT/PCA-Shimano I-Spec EV Universal

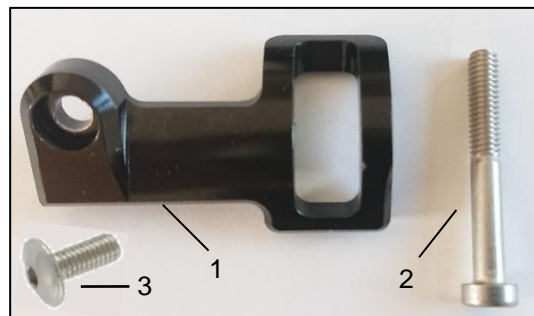


Scope of delivery:

- 1x I-Spec EV interface (1)
- 1x M4x30 hexagon socket screw (2)
- 1x M5x8, TX25 screw (3)

Required tools:

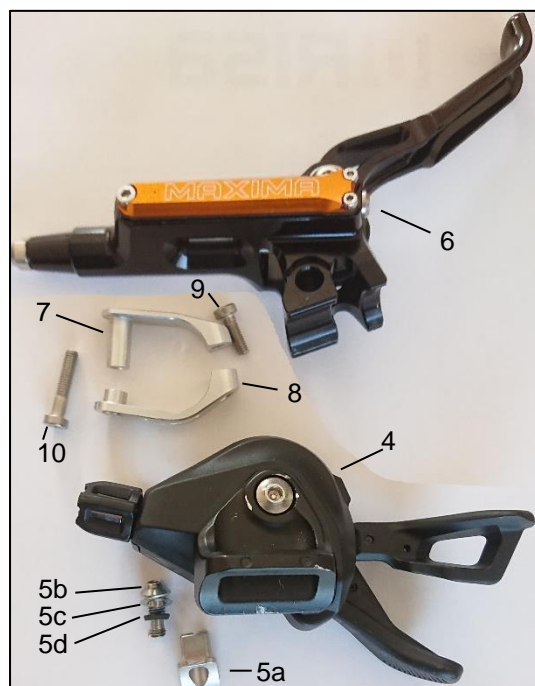
- 2,5mm hex key (only for band clamp)
- 3mm hex key
- TX25 key
- Torque wrench (1-5 Nm)
- Medium strength thread lock (ex: Loctite 243 (blue))



I. Assembly with CNC clamp and DRT pump:

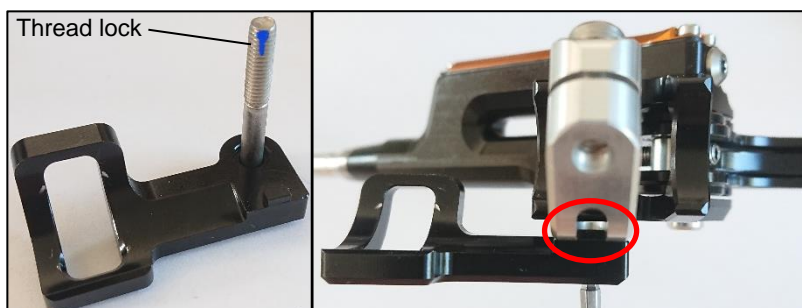
Existing components:

- Shimano I-Spec EV compatible shifter or dropper post lever (4)
- Shimano original fixing parts(5): 5.a Shimano nut, 5.b Shimano screw, 5.c Shimano washer, 5.d Shimano rubber spacer
- Trickstuff Diretissima/Maxima brake pump (6)
- Upper CNC clamp (7)
- Lower CNC clamp (8)
- Short clamp screw (9)
- Long clamp screw (10)



1. Untighten and remove the clamp screws (9 and 10).
2. Place the brake pump against the handlebar and insert the CNC clamp upper half (7) into the intended bore in the pump. Then insert the CNC clamp lower half (8) from the bottom. Apply a small drop of medium strength thread lock to the short clamp screw (9). Fasten it 1-2 turns.

3. Insert the M4x30 screw (2), delivered with the interface, in the interface (1). Apply a small drop of medium strength thread lock on the end of the screw thread. Fasten the interface (1) with the M4x30 screw (2) on the bottom side. Pay particular attention that the red marked anti-rotation support of the interface adapter sits correctly in the intended lower CNC clamp.



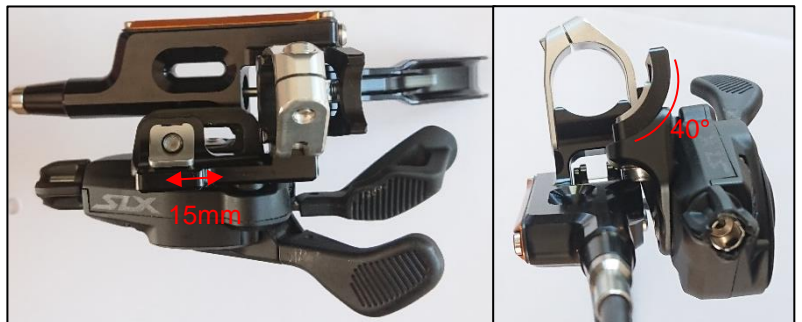
- Align the pump as desired. First tighten the lower then the upper screws (2 and 9) both to **1,5Nm MAX.**

- Attach the I-Spec EV lever (4) to the interface (1) in the shown orientation. Make sure the washer (5.c) is on the M5x8 screw (3) head side of the shifter and the rubber spacer (5.d) on the nut side (5.a).



- Screw the M5x8 screw (3) 1-2 turns into the nut (5.a). The unit should still have a little bit of play.

- Adjust the position of the lever, angular and horizontal display, to the desired settings:
 - Width adjustment: ~15mm
 - Angular adjustment: ~40° from parallel to the pump to downwards



- Tighten the M5x8 screw (3) to **5Nm** with the use of a torque wrench.

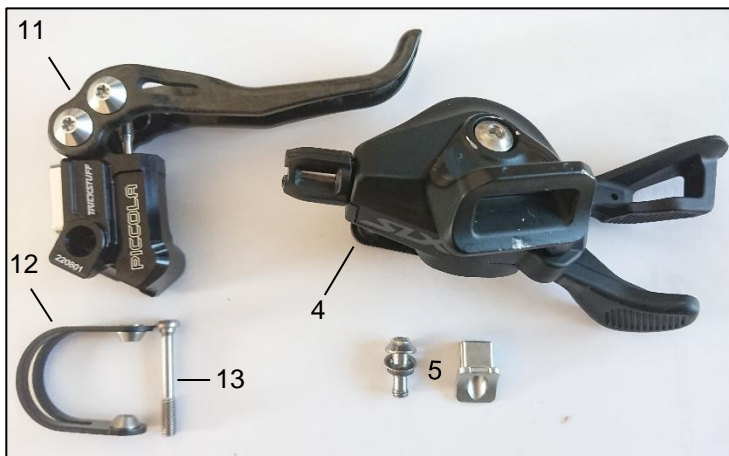
- To ensure proper installation, try to lightly twist the lever up and down. If this is possible with little effort, apply carbon assembly paste on the cylindrical part of the interface adapter (1) and reinstall according to the steps above.



II. Assembly with band clamp:

Existing components:

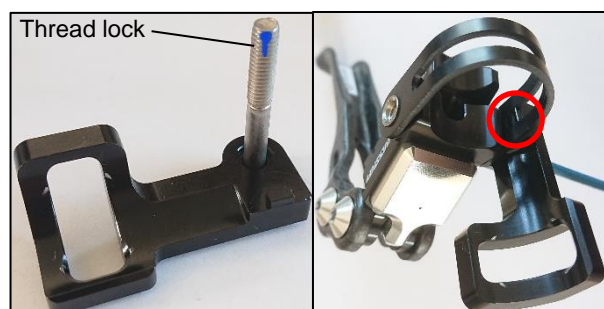
- Shimano I-Spec EV compatible shifter or dropper post lever (4)
- Shimano shifter bolt (5)
- Trickstuff Piccola brake pump (11)
- Band clamp (12)
- Clamp fixing screw (13)



1. Untighten and remove the band clamp screw (13) and the clamp (12).
2. Mount the band clamp (12) so the threaded side is on top.



3. Insert the M4x30 screw (2), delivered with the interface, in the interface (1). Apply a small drop of medium strength thread lock on the end of the screw thread. Fasten the interface (1) with the M4x30 screw (2) on the bottom side. Pay particular attention that the red marked anti-rotation support of the interface sits correctly in the intended band clamp slot.



4. Align the pump as desired. Tighten the M4x30 screw (2) to **1,5Nm MAX.**
5. Proceed the assembly according to “Assembly with CNC clamp” starting at step 5.



Have fun tinkering and riding!

If you have any questions, feel free to contact your dealer or Trickstuff directly.