

DRAG2ZERO



.44 Assembly Instructions

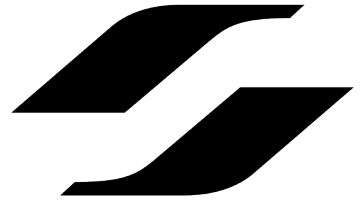
This is a guide to help you assemble your new .44 cockpit system at home.

Some assembly steps require specific tools and safety equipment. These steps will be marked by a hazard symbol.



If you do not have the correct equipment, please get your local bike shop to help.



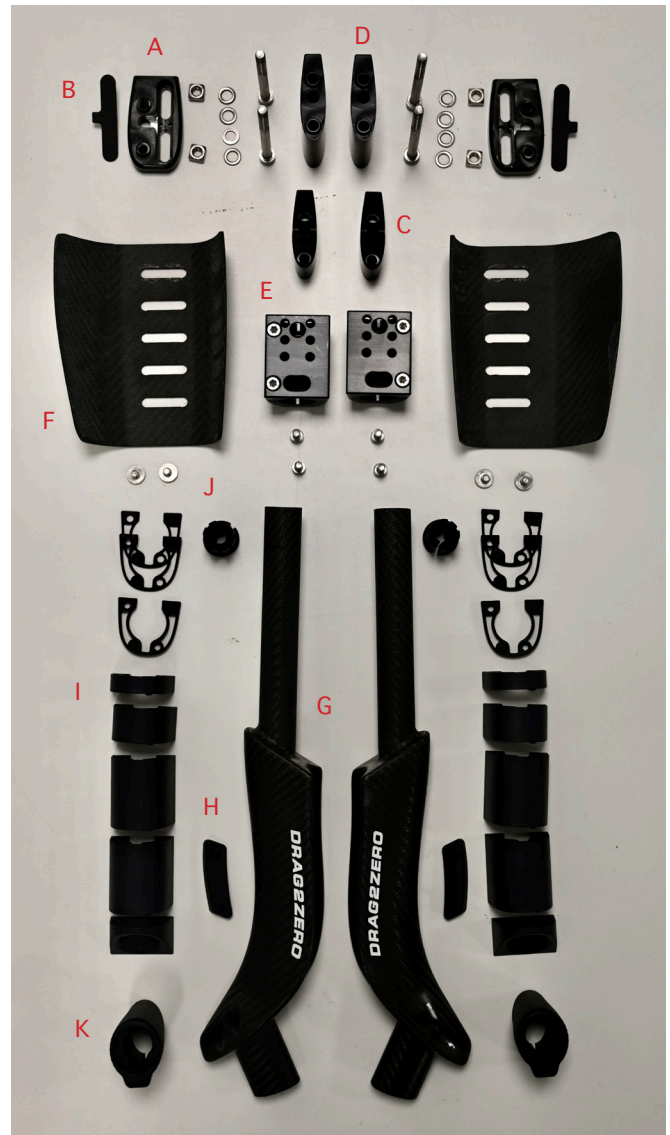


Parts included in your order

If you have ordered a complete .44 system set you will get the following parts.

If you have ordered .44 extensions and armrests only. Follow steps; 5, 7, 10, 11 and 12.

- A 2 x Gen 2 Base plates
- B 2 x Gen 2 Base plate closure pannels
- 1 4 x M5/M6 nuts
- 2 8 x M5/M6 washers
- C 2 x Gen 2 Angled shims
- D 2 x Gen 2 riser (if ordered)
- 3 1 x Riser bolt kit (if ordered)
- E 2 x Gen 2 pole clamps
- 4 4 x M5 16mm torx low cap head (pre installed on clamps)
- 5 4 x M5 12mm torx cap head bolt
- F 2 x Gen 2 .44 arm rests
- 6 4 x M5 6mm flanged torx button head bolts
- 7 2 x Gen 2 .44 foam
- G 2 x .44 extensions
- H 2 x .44 extension closure pannels (pre fitted to poles)
- I 2 x .44 finishing kits (optional)
- J 2 x pole end caps (optional)
- K 2 x grips



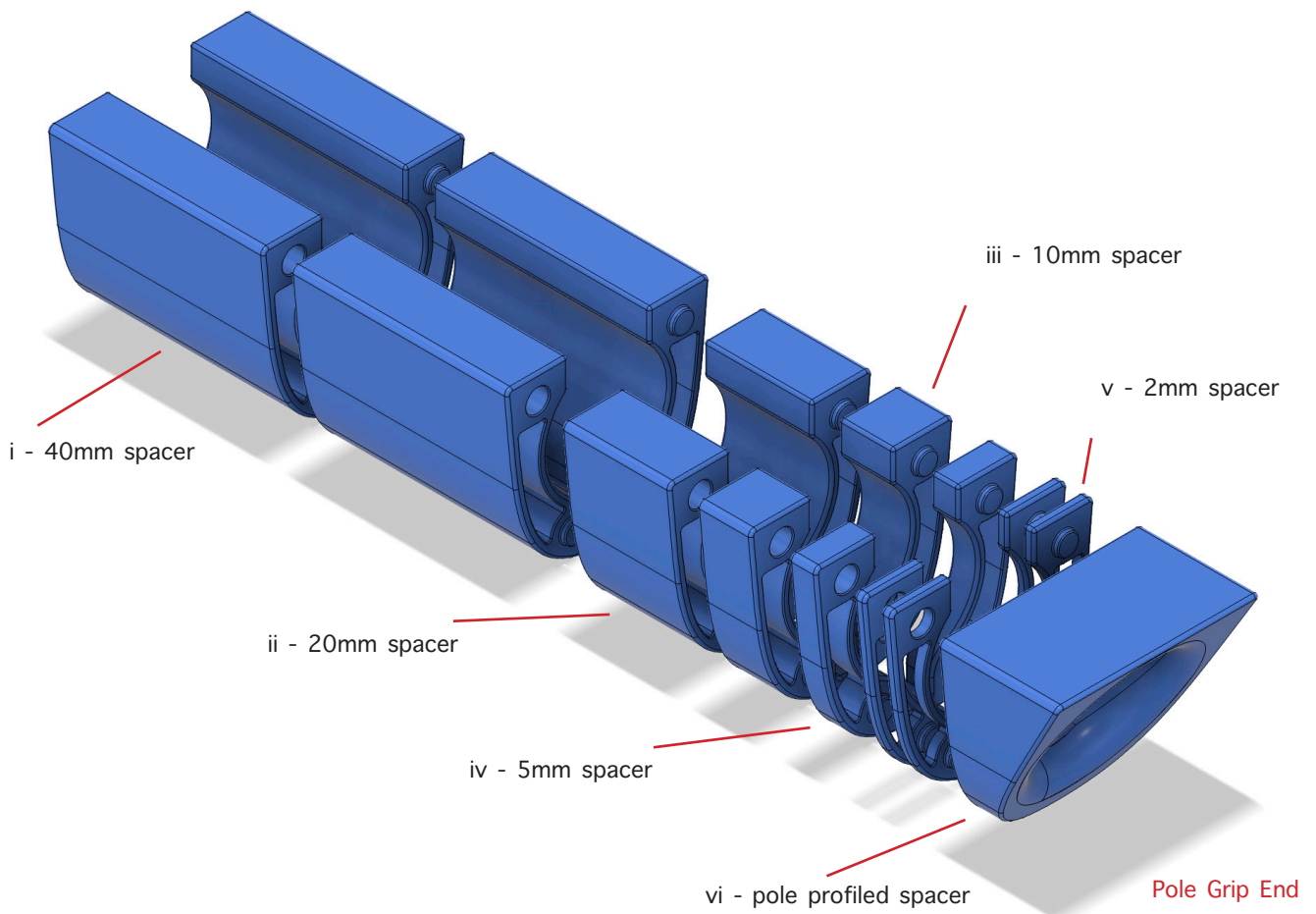
Tools required

- T10 torx key
- T25 torx key
- 6mm allen key
- 5mm allen key (if your bike has M5 bolts)
- Threadless Saw Guide
- Fine tooth hacksaw
- Eye protection
- High quality face mask



.44 Extension Finishing Kit

Pole Clamp End





Angle Shim and riser bolt length

Please refer to the table below to select the correct bolt length for your angled shim and riser combination

Millimeters of Stack	Angle of shims			
	15 degree 2 x each length	20 degree 2 x each length	25 degree 2 x each length	30 degree 2 x each length
0mm	25mm, 15mm	30mm, 20mm	30mm, 20mm	35mm, 20mm
5mm	30mm, 20mm	35mm, 25mm	35mm, 25mm	40mm, 25mm
10mm	35mm, 25mm	40mm, 30mm	40mm, 30mm	45mm, 30mm
15mm	40mm, 30mm	45mm, 35mm	45mm, 35mm	50mm, 35mm
20mm	45mm, 35mm	50mm, 40mm	50mm, 40mm	55mm, 40mm
25mm	50mm, 40mm	55mm, 45mm	55mm, 45mm	60mm, 45mm
30mm	55mm, 45mm	60mm, 50mm	60mm, 50mm	65mm, 50mm
35mm	60mm, 50mm	65mm, 55mm	65mm, 55mm	70mm, 55mm
40mm	65mm, 55mm	70mm, 60mm	70mm, 60mm	75mm, 60mm
45mm	70mm, 60mm	75mm, 65mm	75mm, 65mm	80mm, 65mm
50mm	75mm, 65mm	80mm, 70mm	80mm, 70mm	85mm, 70mm
55mm	80mm, 70mm	85mm, 75mm	85mm, 75mm	90mm, 75mm
60mm	85mm, 75mm	90mm, 80mm	90mm, 80mm	95mm, 80mm
65mm	90mm, 80mm	95mm, 85mm	95mm, 85mm	100mm, 85mm
70mm	95mm, 85mm	100mm, 90mm	100mm, 90mm	105mm, 90mm
75mm	100mm, 90mm	105mm, 95mm	105mm, 95mm	110mm, 95mm
80mm	105mm, 95mm	110mm, 100mm	110mm, 100mm	115mm, 100mm
85mm	110mm, 100mm	115mm, 105mm	115mm, 105mm	120mm, 105mm
90mm	115mm, 105mm	120mm, 110mm	120mm, 110mm	125mm, 110mm
95mm	120mm, 110mm	125mm, 115mm	125mm, 115mm	130mm, 115mm
100mm	125mm, 115mm	130mm, 120mm	130mm, 120mm	135mm, 120mm



Step 1

Remove existing cockpit to reveal flat mounting basebar or proprietary riser.



Step 2

Mount base plate (A) onto flat mounting surface using bolts supplied with your bike, tighten to base bar specified torque. Please note base plates are sided, providing + - 25mm of width adjustment.

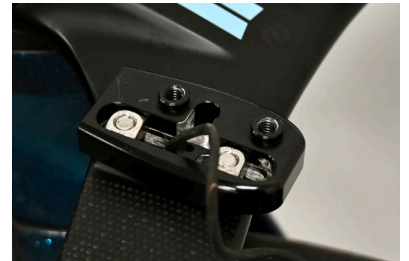
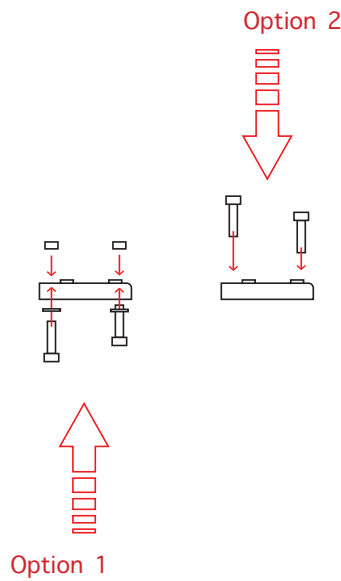
Non threaded base bar = **Option 1** Apply washers until bolt does not protrude above top of base plate. (parts: A, B, 1, 2).

Threaded base bar = **Option 2** (parts: A, B).

Place base plate closure panel on, threading di2 wire through slot.

Tools required:

5mm or 6mm allen key



Step 3

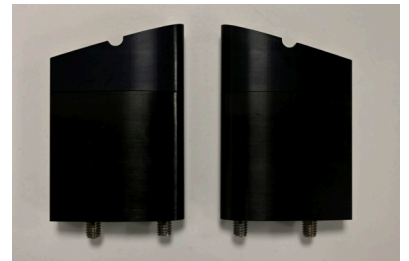
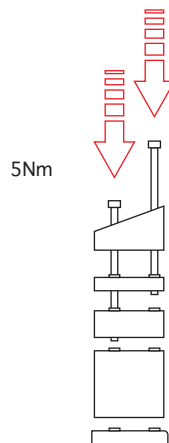
Mount angled riser and spacers onto base-bar mounting plate (parts: C, D, 3). 5Nm

Thread di2 through central slot.

Tools required:

6mm allen key

* If you have ordered risers with your kit, make sure bolts protrude underside of riser by 6mm as shown in the image to the right.



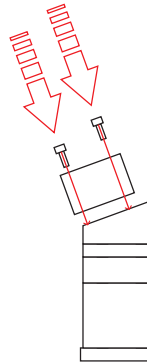


Step 4

Guide di2 cable through slots in shim and mount pole clamp on top using 2 x M5 12mm cap heads. (parts: E, 5)

Tighten loosely

Tools required:
6mm allen key



Step 5

Pole trimming - Grip end

Straight Grip

a. Hold pole and mark out top of hand on pole end. (parts: H)

b. Measure 20mm down from Step a marked line.

c. Cut pole end to marked line in Step b using a Threadless Saw Guide. *

Hooked Grip: grip end will come pre trimmed.

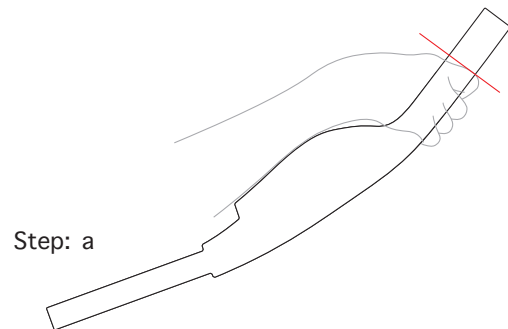
Tools required:

Threadless Saw Guide

Fine tooth hack saw

Eye protection

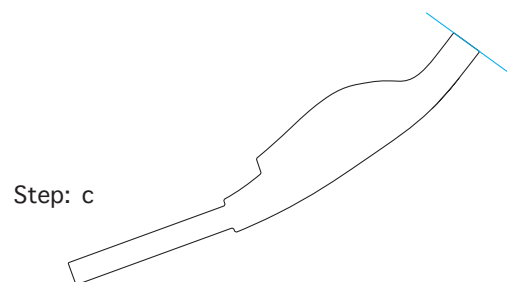
High quality face mask *



Step: a



Step: b



Step: c

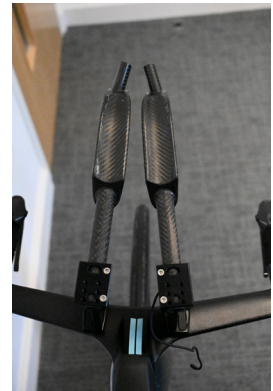


Step 6

Slide .44 poles into clamp and find desired toe and reach. If the pole and pole clamp fit it tight, add grease to poles. Poles are tight to clamps, this is to provide a super stiff and strong interaction. Technique to slide poles into clamps is twist and push.

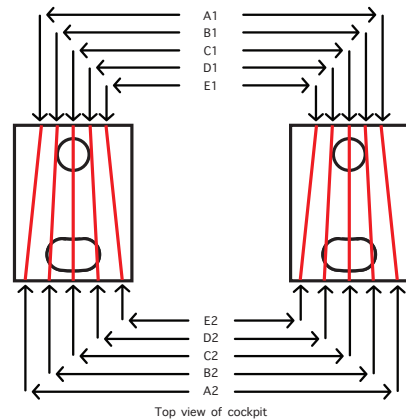
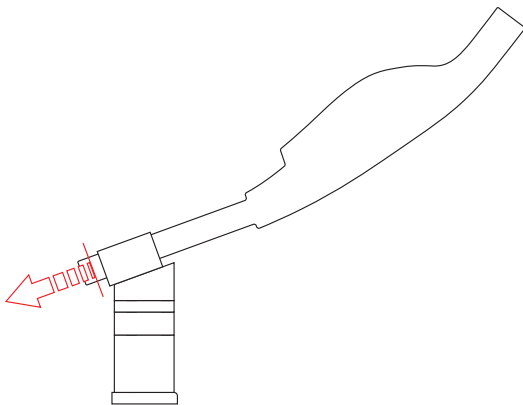


Grooved top surface of pole clamps are to be used as a toe guide. See below.

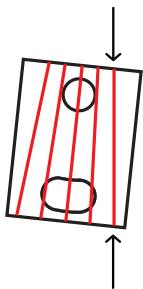


Once found, mark on pole 5mm back from end of clamp.

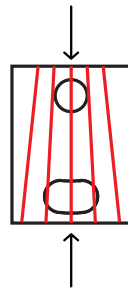
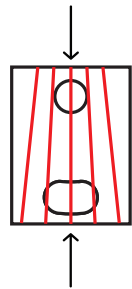
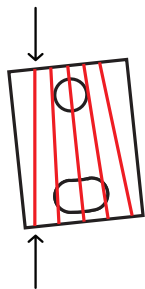
Carefully remove pole from clamp and tighten step 4 bolts to 5Nm.



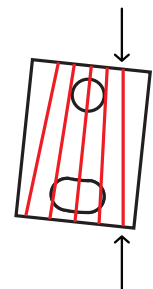
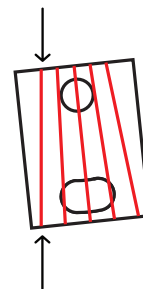
- 6 degrees of toe:
E1 = E2



0 degrees of toe:
C1 = C2



+ 6 degrees of toe:
A1 = A2





Step 7

Pole end trimming

Cut pole end to line marked in Step 6. *

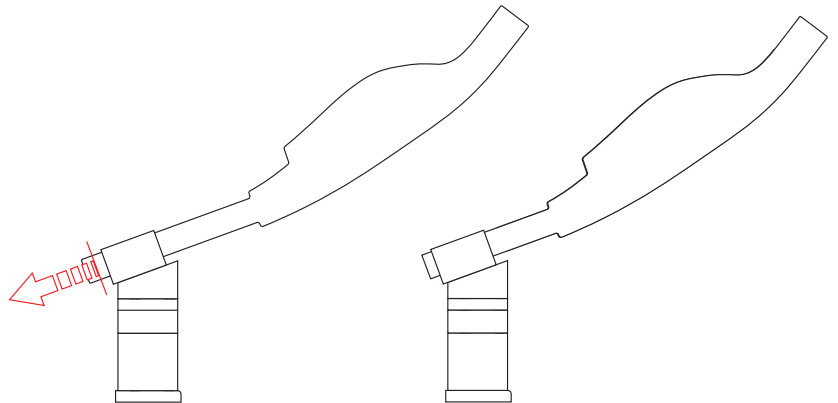
Tools required:

Park Tool Threadless Saw Guide SG8

Fine tooth hack saw

Eye protection

High quality face mask



Step 8

Fit .44 profile finishing kit onto pole and slot into clamps. (parts: J) With in the spacer kit, spacer vi should be fitted first to the pole.

Spacers interlock to join together.

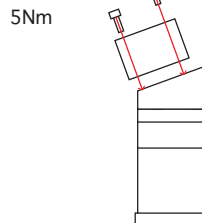


Step 9

Clamp pole in place using bolts prefitted in pole clamp to 5Nm.

Tools required:

T25 torx key

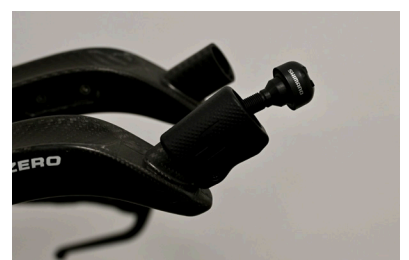
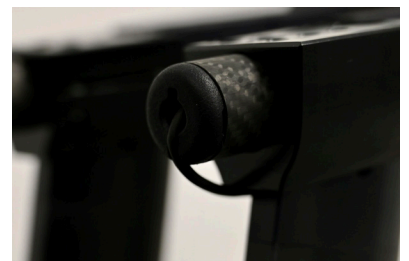


Step 10

For grip installing please refer to our Installation help page and your relevant grip. <https://drag2zero.co.uk/installation-help/?v=79cba1185463>

Tools required:

T10 torx key



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Step 11

Find preferred position of armrests on pole clamps and tighten to 2Nm. (parts: G, 6)

Tools required:
T25 torx key



Step 12

Fit foam onto armrests. (parts: 7)

