



.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.



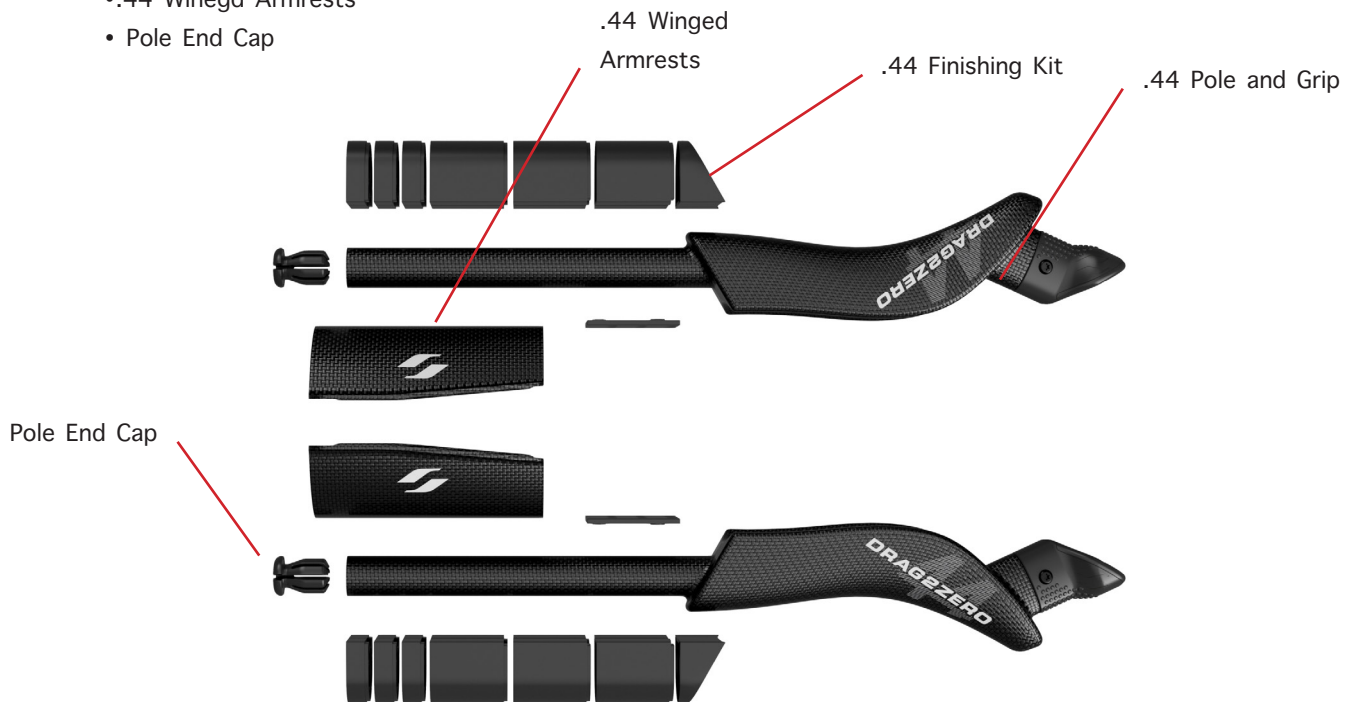


Parts included in your order

This will depend on what kit your have ordered

DRAG2ZERO.44 Pole Set

- .44 Pole with Grip
- .44 finishing kit
- .44 Winged Armrests
- Pole End Cap



DRAG2ZERO.44 Pole System

- DRAG2ZERO.44 Pole Set
- Gen2 Pole Clamp Set
- Gen2 Angled Shim Set
- Selected Mounting kit

DRAG2ZERO.44 Development System

- DRAG2ZERO.44 Pole System
- Gen2 Angled Shims Bundle
- Gen2 Riser Bundle

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 recommended
- High quality face mask recommended



Angled Shim and Riser Bolt Lengths

When using either the Universal Baseplate, Universal Direct Mount or V2 Mono Conversion Plate, please refer to the table below to select the correct bolt length for your angled shim and riser combination.

When using our V1 Mono Conversion Plates or reach adjustment plates. Please ensure there is at least 6mm of thread clear from the bottom surface of the risers. This may require using longer bolts that are then cut down afterwards to be flush with the underside of the conversion plates.

Risers	Angle of shims					
	12.5 degree 2 x each length	15 degree 2 x each length	17.5 degree 2 x each length	20 degree 2 x each length	25 degree 2 x each length	30 degree 2 x each length
0mm	16mm, 25mm	16mm, 25mm	16mm, 25mm	16mm, 30mm	16mm, 30mm	16mm, 35mm
5mm	20mm, 30mm	20mm, 30mm	20mm, 30mm	20mm, 35mm	20mm, 35mm	20mm, 40mm
10mm	25mm, 35mm	25mm, 35mm	25mm, 35mm	25mm, 40mm	25mm, 40mm	25mm, 45mm
15mm	30mm, 40mm	30mm, 40mm	30mm, 40mm	30mm, 45mm	30mm, 45mm	30mm, 50mm
20mm	35mm, 45mm	35mm, 45mm	35mm, 45mm	35mm, 50mm	35mm, 50mm	35mm, 55mm
25mm	40mm, 50mm	40mm, 50mm	40mm, 50mm	40mm, 55mm	40mm, 55mm	40mm, 60mm
30mm	45mm, 55mm	45mm, 55mm	45mm, 55mm	45mm, 60mm	45mm, 60mm	45mm, 65mm
35mm	50mm, 60mm	50mm, 60mm	50mm, 60mm	50mm, 65mm	50mm, 65mm	50mm, 70mm
40mm	55mm, 65mm	55mm, 65mm	55mm, 65mm	55mm, 70mm	55mm, 70mm	55mm, 75mm
45mm	60mm, 70mm	60mm, 70mm	60mm, 70mm	60mm, 75mm	60mm, 75mm	60mm, 80mm
50mm	65mm, 75mm	65mm, 75mm	65mm, 75mm	65mm, 80mm	65mm, 80mm	65mm, 85mm
55mm	70mm, 80mm	70mm, 80mm	70mm, 80mm	70mm, 85mm	70mm, 85mm	70mm, 90mm
60mm	75mm, 85mm	75mm, 85mm	75mm, 85mm	75mm, 90mm	75mm, 90mm	75mm, 95mm
65mm	80mm, 90mm	80mm, 90mm	80mm, 90mm	80mm, 95mm	80mm, 95mm	80mm, 100mm
70mm	85mm, 95mm	85mm, 95mm	85mm, 95mm	85mm, 100mm	85mm, 100mm	85mm, 105mm
75mm	90mm, 100mm	90mm, 100mm	90mm, 100mm	90mm, 105mm	90mm, 105mm	90mm, 110mm
80mm	95mm, 105mm	95mm, 105mm	95mm, 105mm	95mm, 110mm	95mm, 110mm	95mm, 115mm
85mm	100mm 110mm	100mm 110mm	100mm 110mm	100mm 115mm	100mm 115mm	100mm 120mm
90mm	105mm, 115mm	105mm, 115mm	105mm, 115mm	105mm, 120mm	105mm, 120mm	105mm, 125mm
95mm	110mm, 120mm	110mm, 120mm	110mm, 120mm	110mm, 125mm	110mm, 125mm	110mm, 130mm
100mm	115mm, 125mm	115mm, 125mm	115mm, 125mm	115mm, 130mm	115mm, 130mm	115mm, 135mm



Step 1

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



Step 2

For Specific mount kit please refer to, [Mounting Kit Assembly Instructions](#)

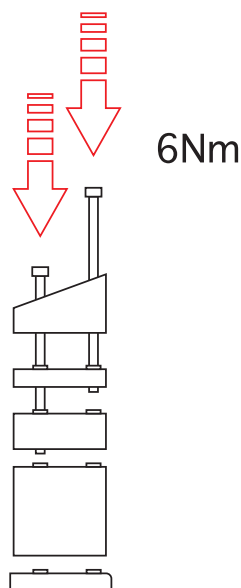
Step 3

Mount Gen2 angled shims and Gen2 riser onto base-bar mounting plate with supplied bolts.
Torque to 6Nm

Longer bolt is at the front of shim. Ensure you have sufficient thread engagement.

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. Check table of page 3 for details





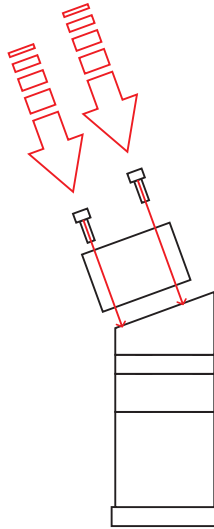
Step 4

Guide Di2 cable through slot in abse of pole clamps using cable guide and mount pole clamp on top of Gen2 Angled Shims supplied 2 x M5 12mm cap heads.

(parts: E, 5)

Tighten loosely

Tools required:
6mm allen key

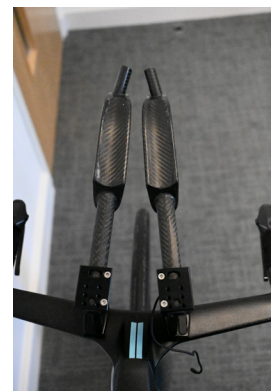
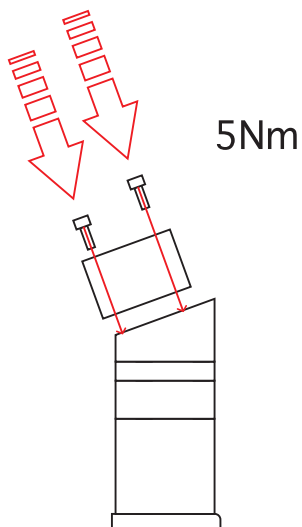


Step 5

Slide .44 poles onto pole clamps and define toe and reach using finishing kit spacers.

Once desired toe has been fown, remove pole and torque pole clamps to 5Nm

Tools required:
T25 torx key





Step 6

Pole end trimming

Cut pole end to line marked in Step 5. *

Tools required:

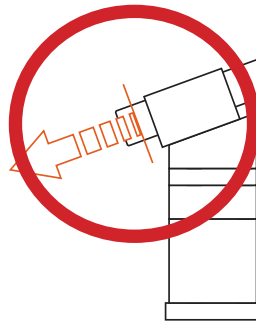
Threadless Saw Guide

Fine tooth hack saw

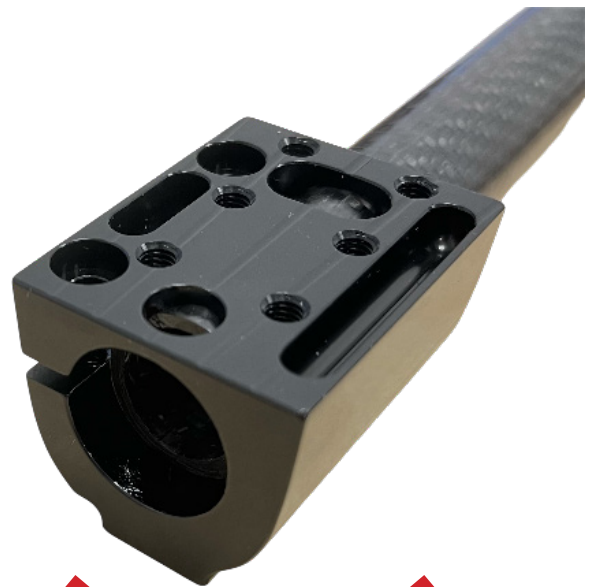
Eye protection

High quality face mask

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ENSURE AT LEAST 5MM OF
POLE PROTRUDES FROM THE
BACK OF POLE CLAMPS





Step 7

Clamp poles in place using bolts prefitted in pole clamps to 5Nm.

Tools required:

T25 torx key



Step 7

Assembly shifters into grips.

See grip instruction here for information on fitting your shifters. [Installation Help](#)



Step 8

Find preferred position of armrests on pole clamps and tighten to 2Nm.

UCI Finishing kit - M5 6mm flanged button heads

BTA Finishing Kit - M5 10mm Flanged button head with 1 washer

Tools required:

T25 torx key

