



Scuba Tech Philippines

SIDEMOUNT TECHNICAL WRECK

with Andy Davis



INSTRUCTIONS FOR SIDEMOUNT HARNESS CONSTRUCTION

To construct your own sidemount harness, you will need to source your hardware and materials. This guide will give suggestions on suitable choices and the online vendors who sell what you'll need.

I've sourced most items from Dive Gear Express ([DGX](#)) or [SumpUK](#).



WEBBING

The harness utilises continuous webbing for the shoulders and waist strap. A medium stiffness webbing is ideal for this purpose. Avoid very stiff resin-impregnated webbing, which is difficult to work with. Most dive centres and online dive shops can supply webbing by the meter.

- 6m of Medium Stiffness 2.5"/5.1cm Webbing (example; [DGX Webbing](#))

You will also need a crotch strap. It's best to buy a dedicated crotch strap. Again, most dive centres or online dive equipment shops sell these.

- 1x Crotch Strap (example: [DGX DiveRite 2"/5.1cm Sewn Loop](#))

BUNGEE

You will need some bungee for your harness Loop Bungees and also your cylinder bands. 5-6mm bungee is optimal for warm-water AL80 cylinders.

- 8-10ft Bungee Cord (example: [DGX Shock Cord Extra Thick ¼" / 0.6cm](#))

HARDWARE – GENERAL

The general hardware that you will need is:

- 8x Toothed Retainers (example: [DGX S/S {2 in | 5.1 cm} Serrated Belt Slide](#))
- 3x Smooth Retainers (example: [DGX S/S {2 in | 5.1 cm} belt slide](#))
- 6x Low Profile 2" D-Rings (example: [DGX S/S {2in/5.1cm} D-Ring LP](#))

HARDWARE – SPECIALIST

To get some very optimal specialist solutions, you'll need to contact Andrew Goring at SUMP-UK. He doesn't have a website, so you can contact via his Facebook Page or direct by email:

- SumpUK – [Facebook Page](#)
- Direct Email – jackaranda63@gmail.com

Andrew makes small batches of novel items, but if you discuss the hardware shown below with him – he'll steer you to the right purchase. Stick with the simple designs.

- 1x Loop Bungee Retainer



- 1x Wing Bungee Mushroom



- 1x Sliding Belt Buckle



- 1x Shoulder Plate



- 1x Lumbar Plate



- 2x Large Offset Rear D-Rings



CYLINDER BAND ASSEMBLY

You will need two cylinder bands for your primary sidemount, along with boltsnaps.

- 2x Cylinder Bands (example: [DGX S/S large size 5-8.5 in | 13-22 cm](#))
- 2x Tubular Nylon (example: [DGX Clamp Sheathing Large 7.25 in | 18 cm](#))
- 2x Bolt Snaps (example: [DGX S/S Medium Swivel-Eye 3.75 | 9.5cm](#))

You will also need several feet of 550 parachute cord. This is not sold by dive manufacturers, but you can try local outdoors, military surplus or climbing shops. Lazada and Alibaba are also good sites to search on.