

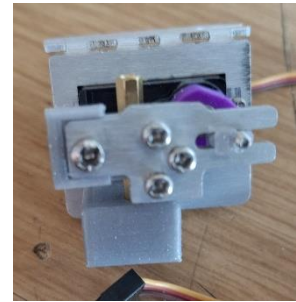
Dingo Servo Mounts

Slider Signal Assembly Instructions. (For HD1370A Servos only)

Please read these instructions right through before commencing.

Before you start, make sure that all the parts are in the kit (see diagram on the back page.)

Check the metal parts for excess flash from the lasercutting or 3D printing and remove if required with a small file or modelling knife. A small amount of burr on the edges will not affect operation, however check that the slider block fits easily over the hex standoff. These standoffs are not always symmetrical and one direction is often freer than others.



Start by fitting the holder block to the folded frame with the 2 M2 x 6mm screws.

Do not over tighten these as they may strip the plastic.

If this happens, remove screw and put a small drop of superglue into the hole and reassemble.

This need never to be undone.

Now fit the slider into the slider block using the M2 x 5mm screw.

The extended part of the plastic will be on the underside of the plastic part

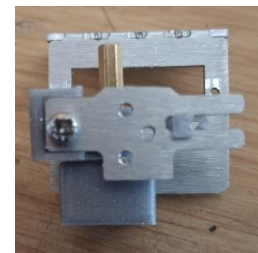
Make sure the slider fits properly into the recess and make sure it all tightnes up properly.



Now find the smothest movement of the slider block on the hex standoff and assemble the two parts with the standoff fitting into the shaped slott in the holder block

Fix this in place using the M2 x 8mm screw from the bottom

Make sure that everything is straight and true before the final tightening of the screw.



Now fit the M1.6mm x 8mm screw into the 3 D printed servo horn from the underside Attache the servo to a servo tester and centre the unit.

Fit the horn to the servo with the horn facing away from the servo.



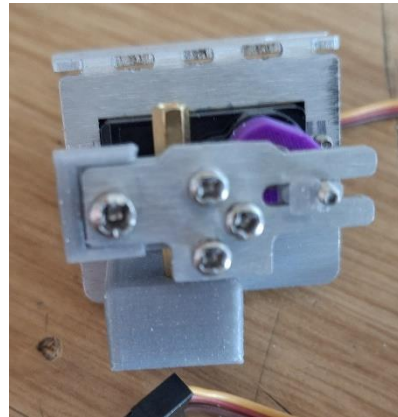
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Slide the 3D printed captive nut into the slider slot and then carefully fit the servo into the mount from the rear allowing the drive screw to fit into the captive nut. (this will be a tight fit on purpose)

Fasten the servo using the 2 M1.6 x 4mm screws

The unit is now complete and should be carefully tested. Connect up the servo with a servo tester and check that everything works smoothly with no binding etc.



The 3 M2 x 3mm screws go into the slider for attaching the actuator wire from your signal.

The unit can be mounted under the baseboard with the 2 flange screws supplied.

This is quite a delicate unit so care should be exercised in installing and operating.

(Note: I shot most of these pics on my mobile phone camera and it does tend to distort the picture somewhat and right angles may appear less so)

You can fit a magnet clutch to the unit as on any other signal mount

Note that our magnet holders are now slightly smaller and easier to fit and are normally grey in colour.

Assembly video is here for this magnetic clip. https://youtu.be/g_jzVGfAouM

Setting up a magnet clip for Omni Mount, Signal Mount or Mini Signals.

Put magnets together



Insert from Rear



Remove small magnet



Insert operating wire



Push down Magnet



Drop in Small magnet



Please forward any comments or issues to me.

I hope you have many trouble free hours operating this unit.

I welcome feedback in order to improve the units for the future.

David Ingoldby

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Slider Signal Assembly Instructions. (For HD1370A Servos only)

No	Description	Qty
1	Main Body	1
2	Slider	1
3	Slider block 3D printed	1
4	Standoff holder 3D printed	1
5	3D Printed Drive dog / replaces horn on Servo	1
6	M2 x 20 mm Hex standoff	1
7	M2 x 6mm Pozi Pan head screws	2
8	M1.6 x 4mm Pozi Pan Head Screws	2
9	M1.6 x8 mm Pozi Pan Head Screw	1
10	3D Printed holder catch	1
11	M2 x 8mm Pozi Pan Head screw	1
12	M2 x 5mm Pozi Pan Head screw	1
13	3mm x 6mm long Flange fixing Screws.	2
14	M2 x 3 mm Pozi Pan Head Screws	3

