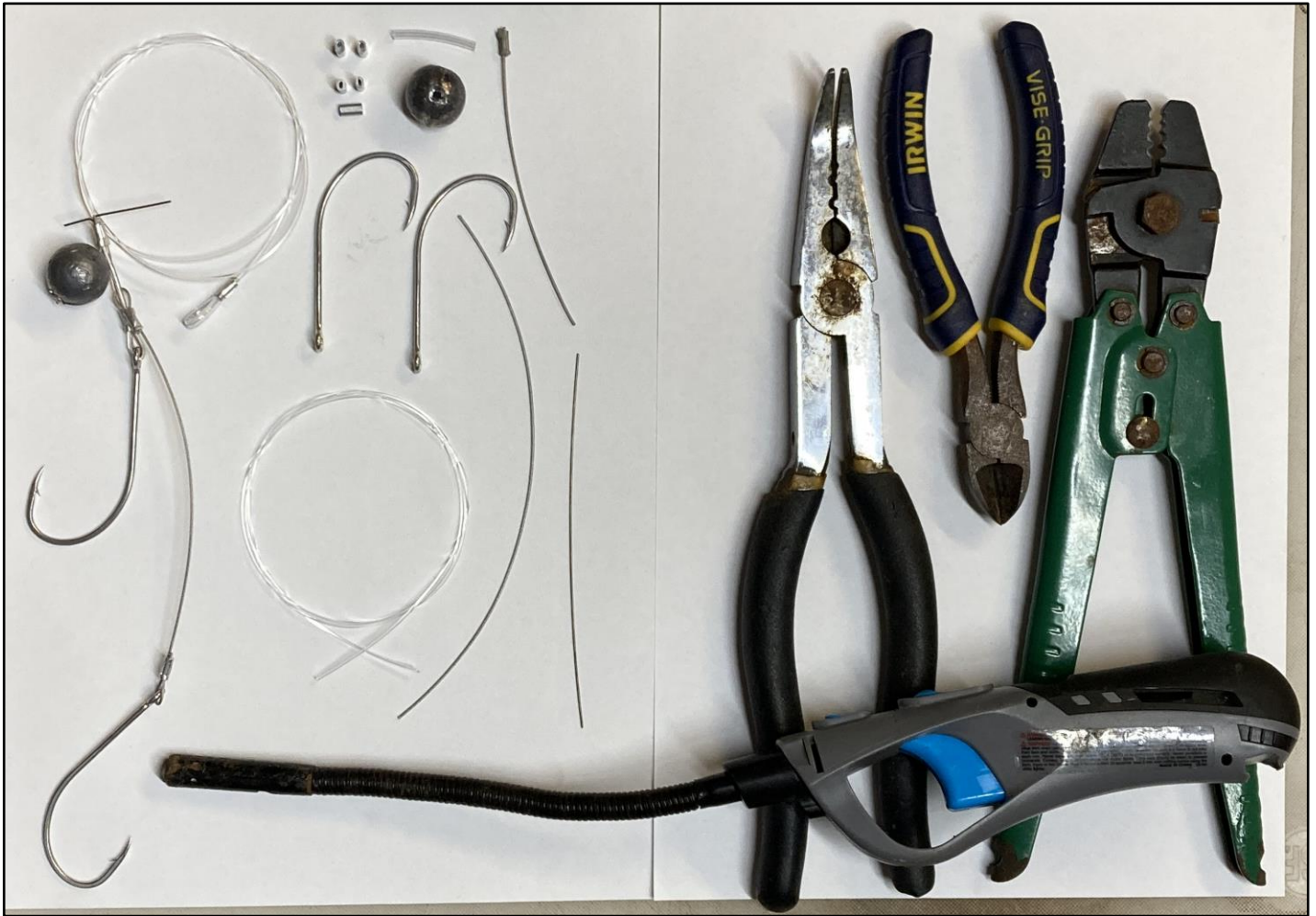


# HOW TO MAKE A BILLFISH PIN RIG FOR A SWIMMING GAR



## PARTS

- A. 1 x 1.5mm crimp
- B. 1 x 1.3mm crimp
- C. 3 x 1.0mm crimp
- D. 600mm x 100lb mono leader (0.97mm dia)
- E. 185mm x 90lb 7x7 multistrand plastic coated wire (0.72mm dia)
- F. 120mm x 140lb single strand wire
- G. 2 x Gamakatsu SL12S 10/0 hooks
- H. 1 x #6 round sinker (drilled ½ thru with 6mm drill bit)
- I. 30mm x 1.2mm clear tubing
- J. old 1.0mm crimp on short length of multistrand wire (recycle from old rigs)

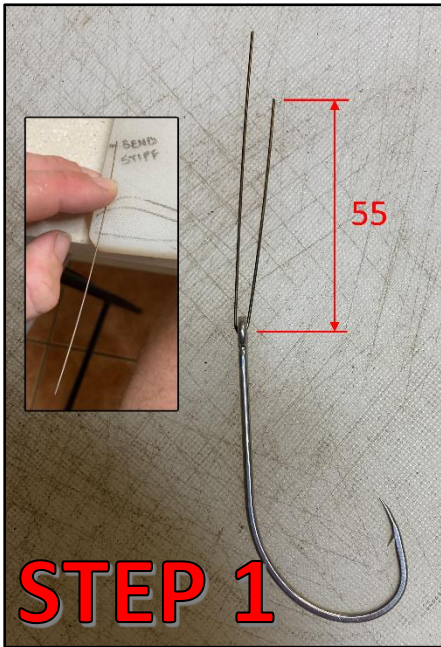
## TOOLING

- 1) Crimp pliers
- 2) Small Side cutters
- 3) Pliers
- 4) Lighter

NB. 100lb (0.97mm) mono is interchangeable with 90lb 7x7 multistrand plastic coated wire. (I use these as they are close enough to the same diameter the crimps listed work fine on both)

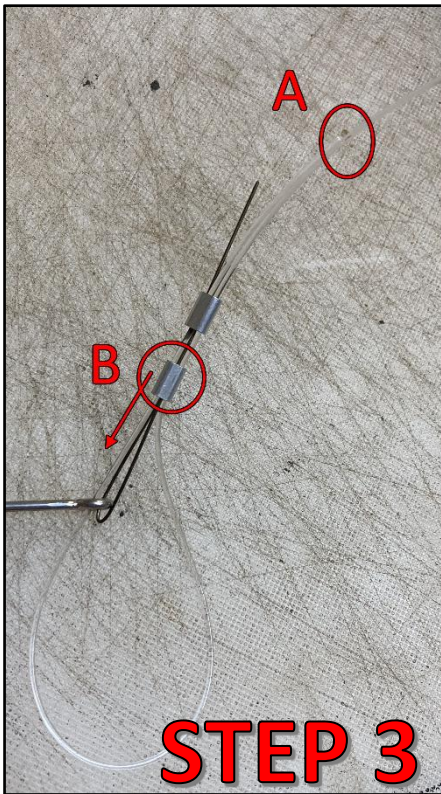
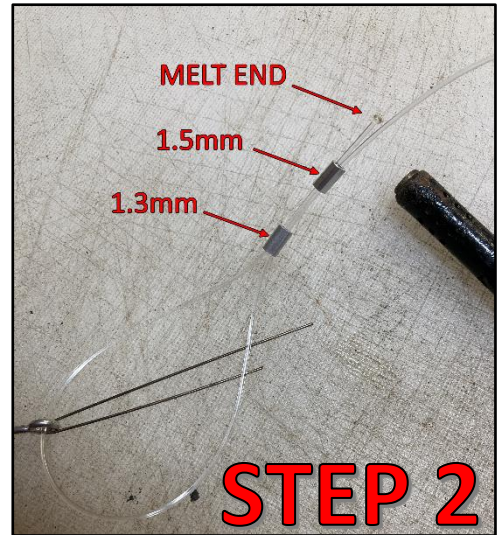
By Ian Meads 18/11/2022





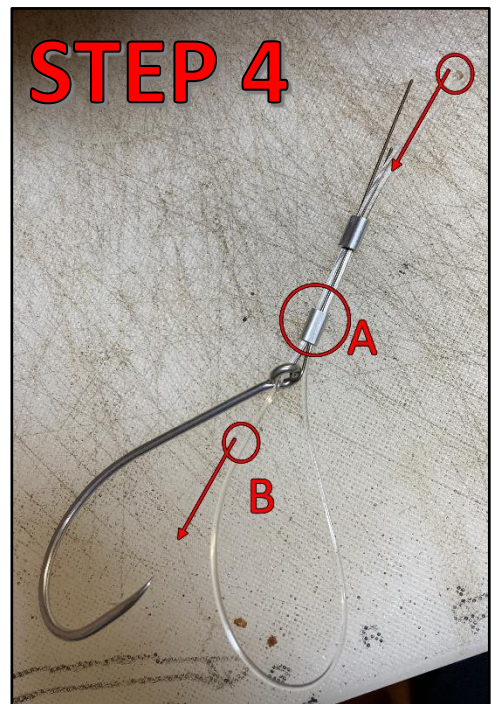
STEP 1 - Bend single strand wire @55mm mark and place through eye of hook

STEP 2 – Install mono loop through 1.5mm, 1.3mm crimp and hook eye then melt the end of the line

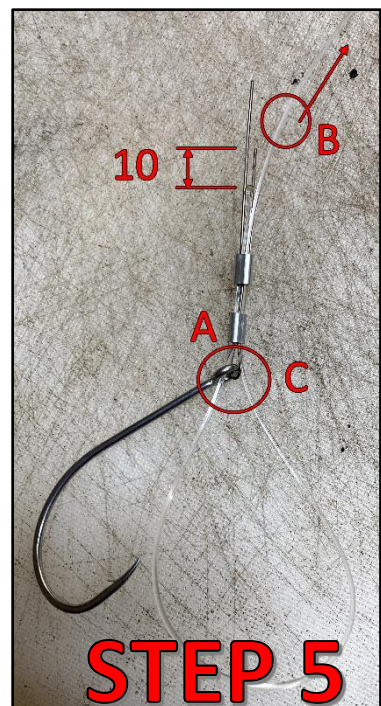


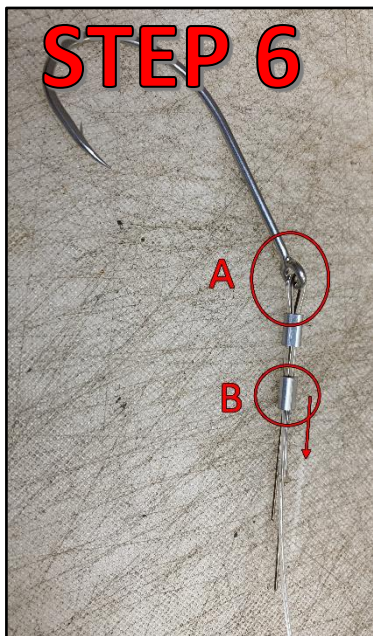
STEP 3 – Slide wire pins into the 1.3mm & 1.5mm crimps with the mono line, then while making sure the melted end of the line (A) stays away from the end of the pin wires, slide the 1.3mm crimp (B) down the wires to make short wire loop holding the hook.

STEP 4 – With the 1.3mm crimp (A) in place, hold the 1.3 mm crimp (A) and pull the loop of mono at point B to bring the melted end of line so it sits 10mm down from the end of the shortest wire pin



STEP 5 – With the melted end of line 10mm from the end of the shortest wire pin, and the 1.3mm crimp (A) forming the correct sized wire loop on the eye of the hook, grab the main line (@B) and pull the mono loop (in the eye of the hook) down to the same size loop as the wire loop in the eye of the hook.



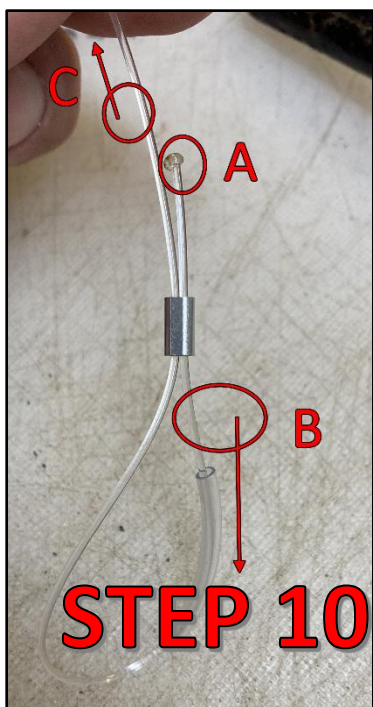


**STEP 6** – With the 1.3mm crimp holding the same sized wire and mono loop through the eye of the hook (A), slide the 1.5mm crimp (B) up to the melted end in the fishing line that is 10mm from the end of the shortest wire pin.

**STEP 7** – Confirm both crimps are in the correct place and crimp the 1.3mm crimp (A) only.



**STEP 8** – Install the sinker using an old piece of multistrand wire that has already got a 1.0mm crimp on the end of it (NB. recycle old rigs and cut the hooks and rigs up so you are left with old crimps on the end of old rig wires – otherwise you will need to use new wire and crimp to make the sinker retainers, you can use mono and tie a knot in the end of the mono and melt it to retain the sinker, however, wire with a crimp does hold the sinkers on longer). The wire needs to be fed through the 1.5mm crimp from the hook side of the crimp and then secure the sinker in place by crimping the 1.5mm crimp. (NB. Make sure you install the sinker the correct way around so the retaining crimp sits inside the sinker.)



**STEP 9** – Trim the excess sinker retainer wire from the front end of the 1.5mm crimp



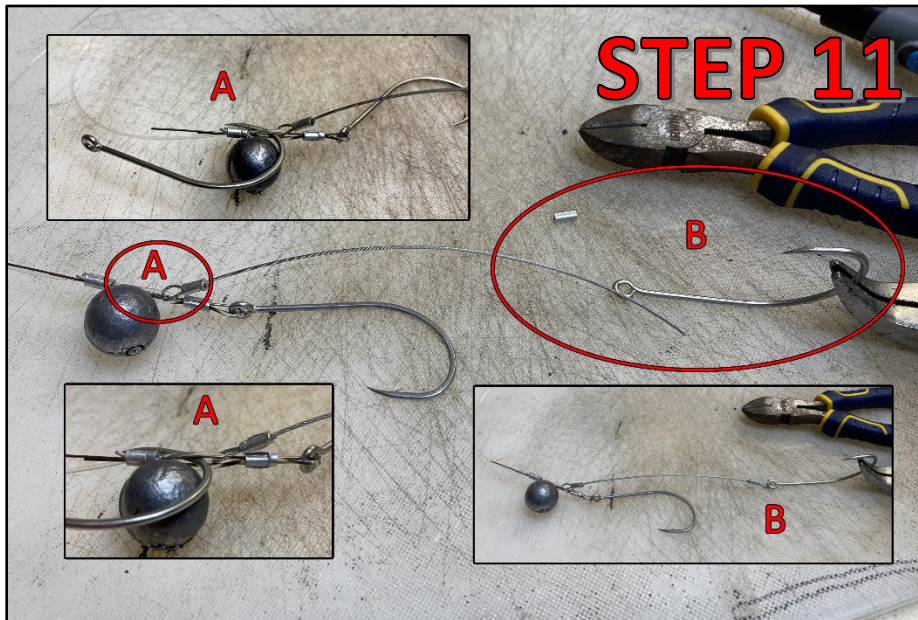
**STEP 10** – Make a tow loop in the other end of the mono. Feed the mono through the 1.0mm crimp and install the 1.2mm clear tubing as a chaff guard in the loop. Melt the end of the mono (A), pull on the loop of line (B) to bring the melted end back to the crimp, and then pull on the main line (C) to pull the loop in tight around the chaff guard. Crimp the 1.0mm crimp

# SINGLE HOOK PIN RIG



At this point this is a completed single hook pin rig if you do not want to use a stinger hook in your rig.

The remaining hook, length of multistrand wire and 2 x 1.0mm crimps are for the stinger hook.



STEP 11 – Install the stinger hook.

Feed the multi strand wire between the 2 crimps, 2 wires and 2 bits of mono in the rig you have just made. (NB. It is easiest to use the second hook to open the wires to feed the multi strand wire through). Form a small loop and crimp the first 1.0mm crimp.

To get the orientation of the stinger hook correct, lay the sinker and front hook on its side and let the stinger wire lay where it wants to, hold the second hook at the orientation you want from the first hook (I like mine at 90°), then holding the stinger wire and hook at the correct orientation make a loop through the eye of the hook and crimp the last 1.0mm crimp.

STEP 12 – Bend the 2 pins at the front of the pin rig to make spikes to secure rubber bands to when rigging a bait. (Nb. The long pin points up opposite the sinker and the short pin points down on the same side as the sinker)

COMPLETE – This rig is now complete. You can use different sinkers, or stinger lengths for bigger or smaller baits and can also substitute the front length of mono for some multistrand wire if you want a swimming gar rig for mackerel. You can remove the sinker to make a skipping gar rig or swap the stinger line to 100lb mono if you don't like wire in a billfish rig.

