

Installing the ABC Transponder.

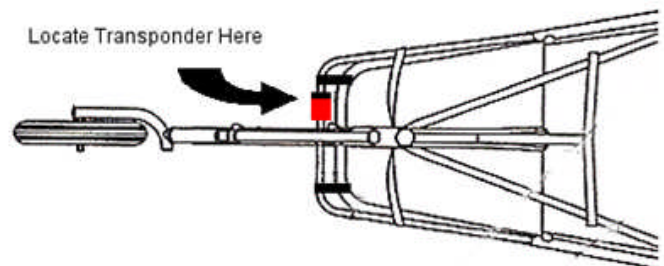
To all sailors who own their own transponders and wish to sail with the Auckland Blokart Club, here are some tips that will make the timing more consistent. If we all have the same Transponder orientation, then crossing the start / finish grid will be timed more accurately. The key is for the transponder positioning to be the same on all Blokarts.

Please check yours.

The correct mounting orientation on the blokart looking from the front to the rear is as illustrated here.



Note that the transponder is positioned on the small front bar on the right hand side of the kart, just below where your calf muscle would be if you were sitting in the kart. This position also makes it hard to kick it off by mistake with your foot because the closed part of the mount faces rearwards. Also it will not rub your leg. It may swing backwards and forwards but this is OK.



Please check that the transponder disc inside the canister is correctly orientated.

Take the cap off the canister and check the transponder orientation.

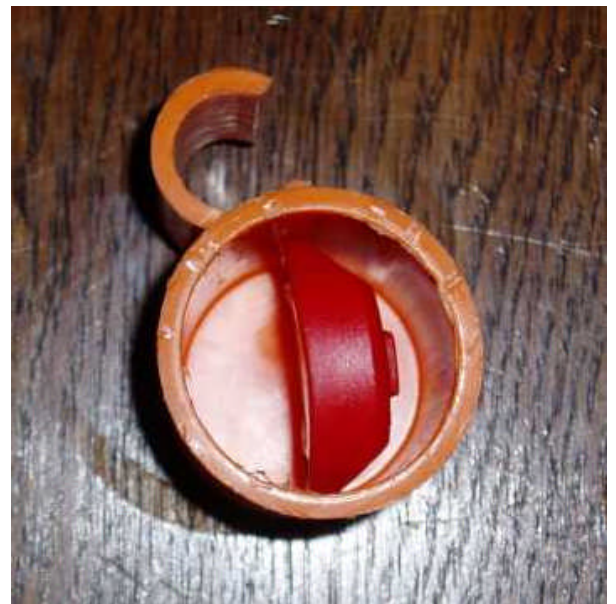
Gently prise it off with a sharp knife, by gradually working around the joint between the black cap and the orange body.

Failure to do this may result in the cap pinging off somewhere (my record is 5m and then falling behind the freezer after hitting the wall!).

The actual transponder disc inside the canister, looks like this:



This illustration shows the correct orientation for the transponder in the canister. The number should face forward and the transponder should be vertical.



Place a dab of Silicone on the case and the transponder to keep it in place if you like.



Now put the cap back on so the logo "b" faces the right way. Then if you have any doubt about how to put the canister on the kart, just check that the "b" logo is the right way up and the label faces forward. Re-locate the transponder canister on your kart as shown above.

Transponder Tips

- The transponders have batteries in them which turn on when you approach the timing loop. So if you sit on the timing loop you'll flatten your batteries more quickly and also overload the timing decoder with repeated erroneous crosses. This will delay the start of racing as the decoder may need to be reset.
- In cold conditions put your transducer in an inside pocket close to your body and under your jacket to keep it warm. This will ensure reliable crosses. But remember to put it on your kart before the racing starts.
- Transponders are personal - treat it like your toothbrush and don't share it.