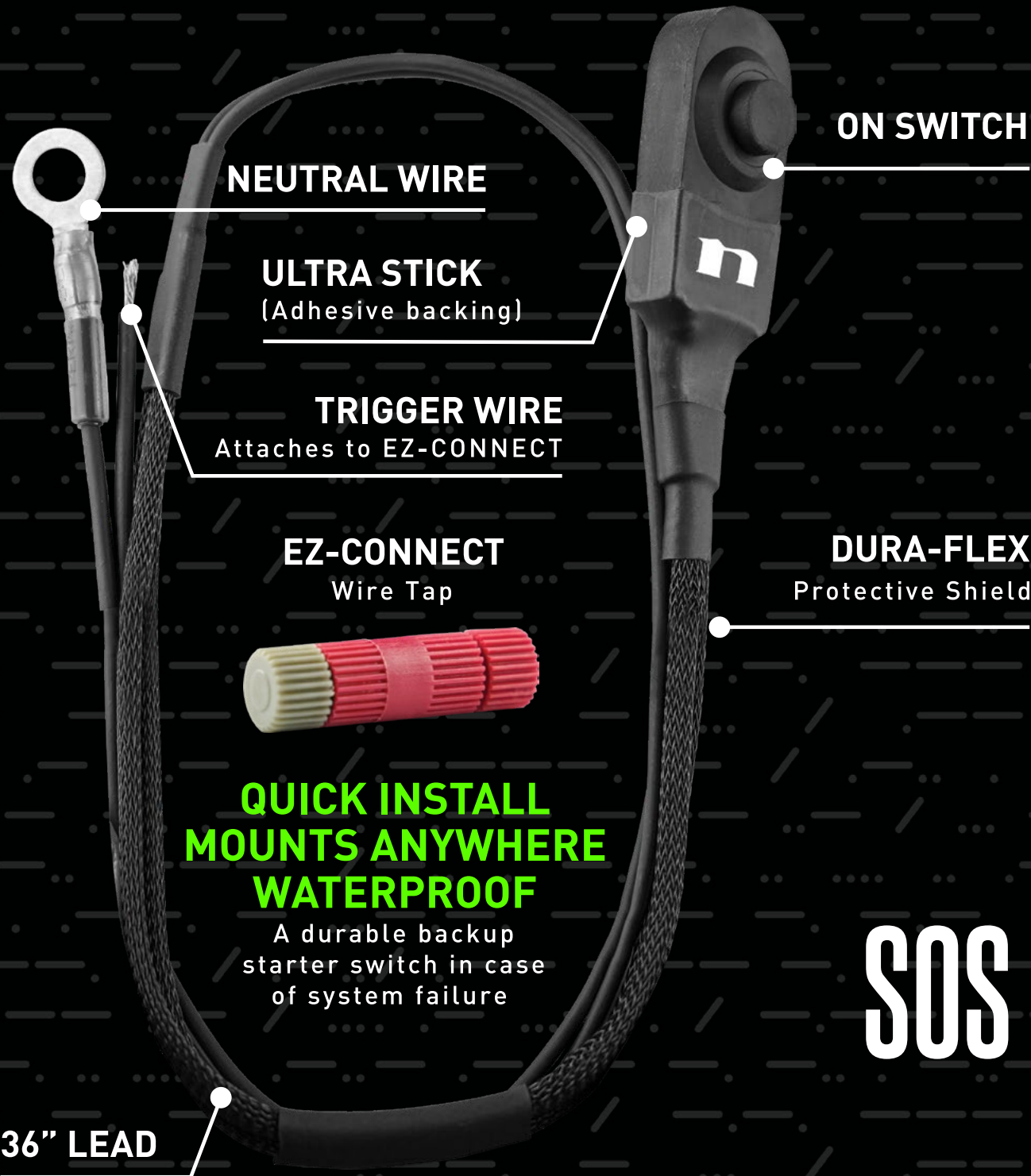


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CONCEPTS

SOS

NEVER STRANDED

SECONDARY ON SWITCH INSTALLATION - KAWASAKI 250/450



36" LEAD

NEUTRAL WIRE

ULTRA STICK
(Adhesive backing)

TRIGGER WIRE
Attaches to EZ-CONNECT

EZ-CONNECT
Wire Tap

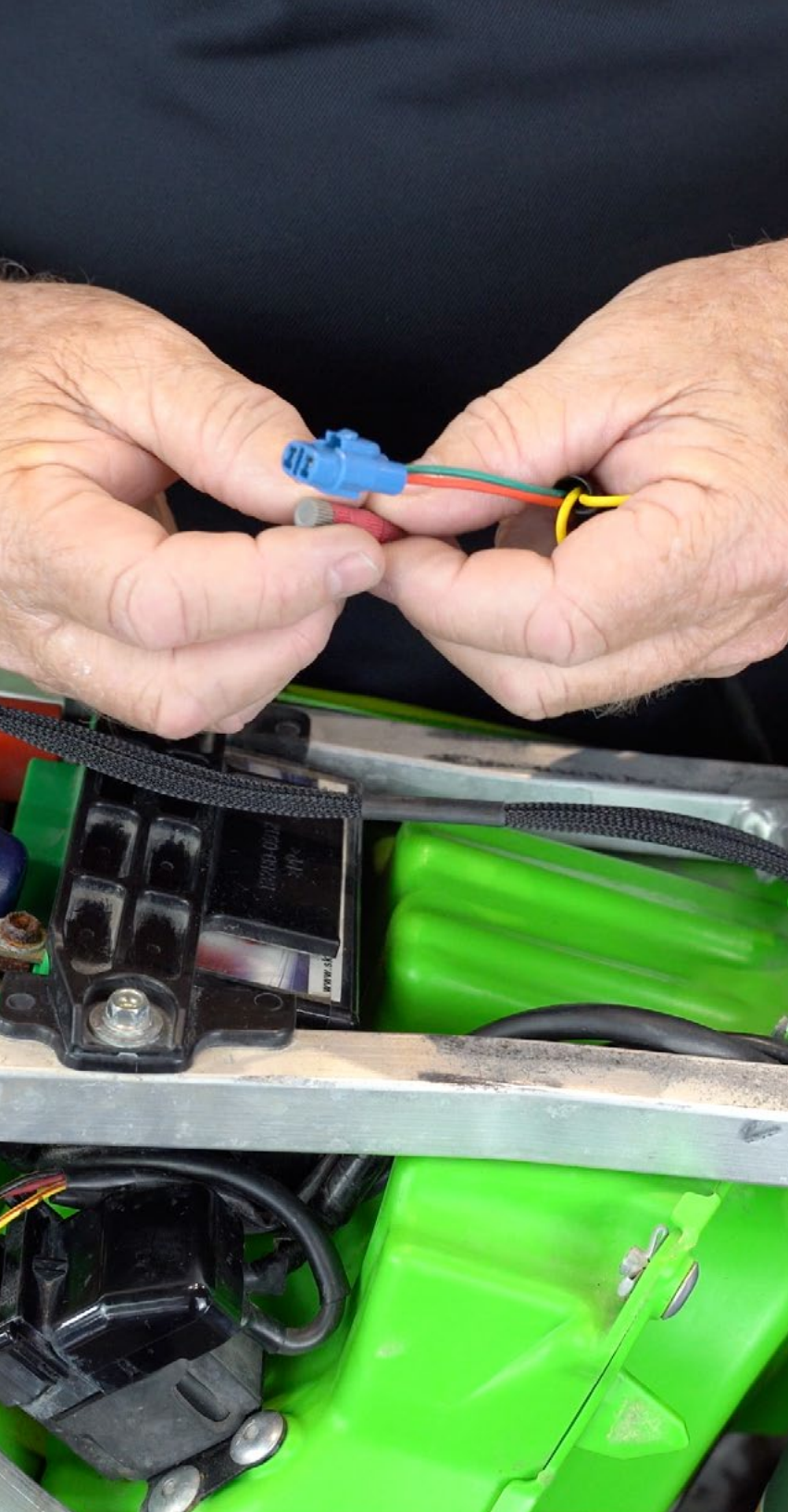
**QUICK INSTALL
MOUNTS ANYWHERE
WATERPROOF**

A durable backup
starter switch in case
of system failure

ON SWITCH

DURA-FLEX
Protective Shield

SOS ANATOMY



TOOLS NEEDED

Wrenches to remove seat, side panels and shrouds in most cases

Electric Contact cleaner and a clean oil-free rag to clean oils and chemicals off of area that switch will be placed

(Helpful for finding Trigger wire) Ground wire and trigger detector wire (with probe) attached to SOS temporarily for testing purposes.



STEP 1 PICK LOCATION

The SOS switch can be mounted anywhere on your bike. Ideally, you want to mount it in a safe and protected location on the bike so if your OEM start button gets ripped off or damaged, all you will need to do is reach for the Nihilo SOS and your back in action. We found the perfect spot to mount the SOS on these bikes just behind the side number plate on the front of the air box. Its tucked up out of the way and protected from harm, it's easy to reach and probably the best spot on these bikes. You may want to mount it someplace else. If so, let us know so we can share it with our other customers.

It's a good idea to read ahead and learn about installation before permanently placing your SOS. On the Kawasaki, you will be working with a positive circuit, that means the second wire on the SOS with the loop on the end will be attached to the positive side of the battery. On some other brands of bikes, this wire attaches to the negative or ground wire but not with the KX 250 and 450. Do a dry run, figure out how you want to run the wires and test it out before hooking anything up. Once you are happy and know what needs to be done, go ahead and fish the wires but leave the button loose until you know everything is good and the switch works.

The tape attached to the button is heavy duty and will stick very well as long as the area you stick it to is clean and free from all oil and dirt. Use the electric contact cleaner and a clean rag to clean the area very thoroughly.

- Some suggestions:
- The backside of your shrouds
- Inside one of the frame members
- Inside the air box
- On the head of the frame just in front of the radiators (like we did)
- Be creative, you can put it anyplace on your motorcycle

Share your innovative ideas with us at info@nihiloconcepts.com



STEP 2

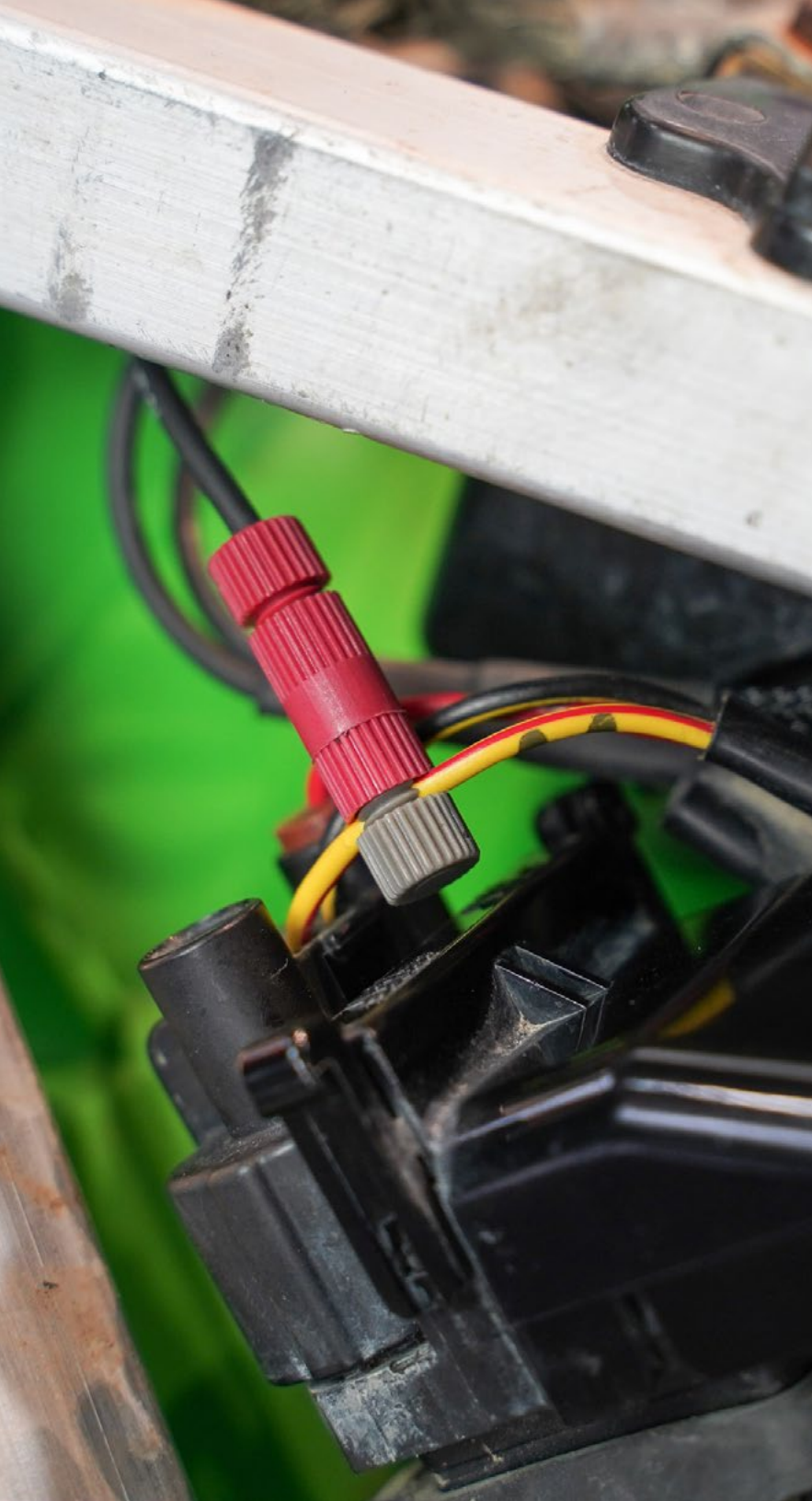
REMOVE PLASTICS

Start by removing seat, air box cover or side number plates and shroud. Remove everything necessary in order to mount your new SOS in a safe and protected spot.

STEP 3

LOCATE TRIGGER WIRE

On the KX 250 and 450 it's very easy to find the trigger wire, on the right side of the bike just next to the battery you will find a black terminal block with wires coming out of the top, the first wire on the outside, the yellow with red tracer is your trigger wire, this is the wire you will attach the trigger wire from the SOS switch. Step 5 will explain the EZ-connect and how to install it.



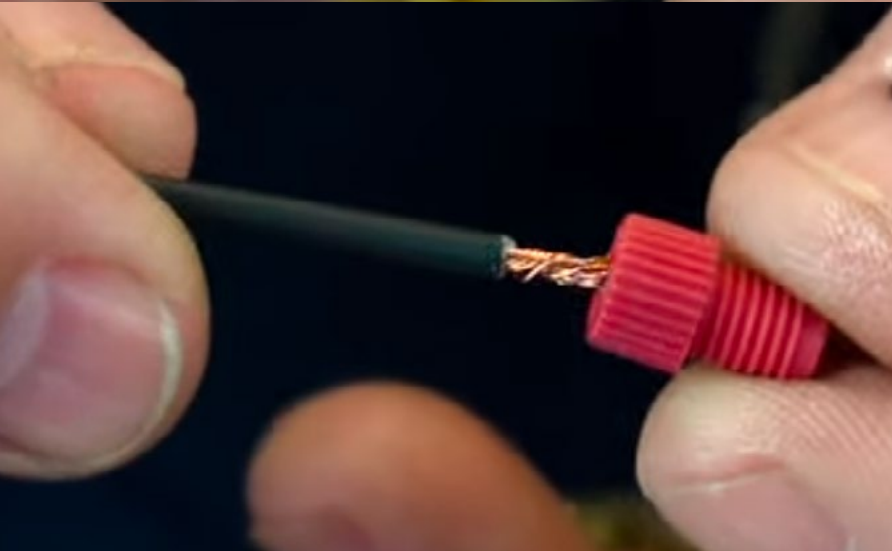
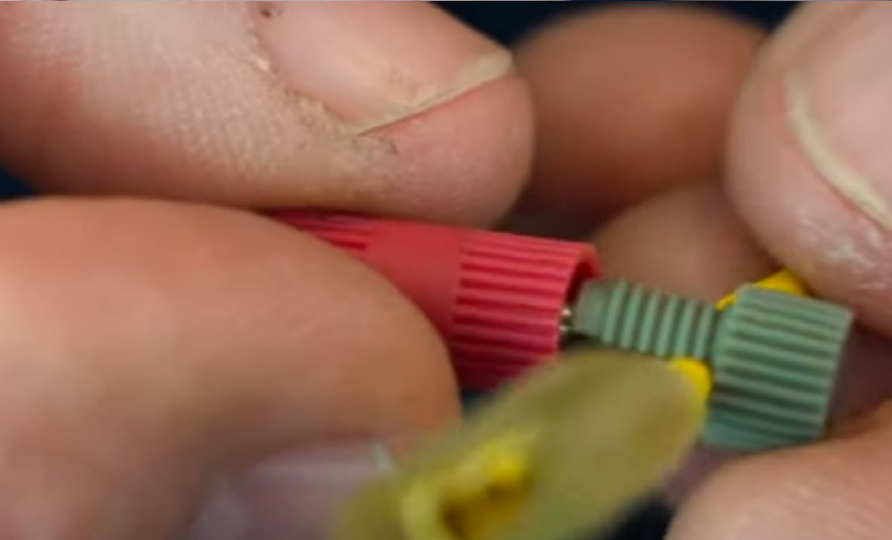
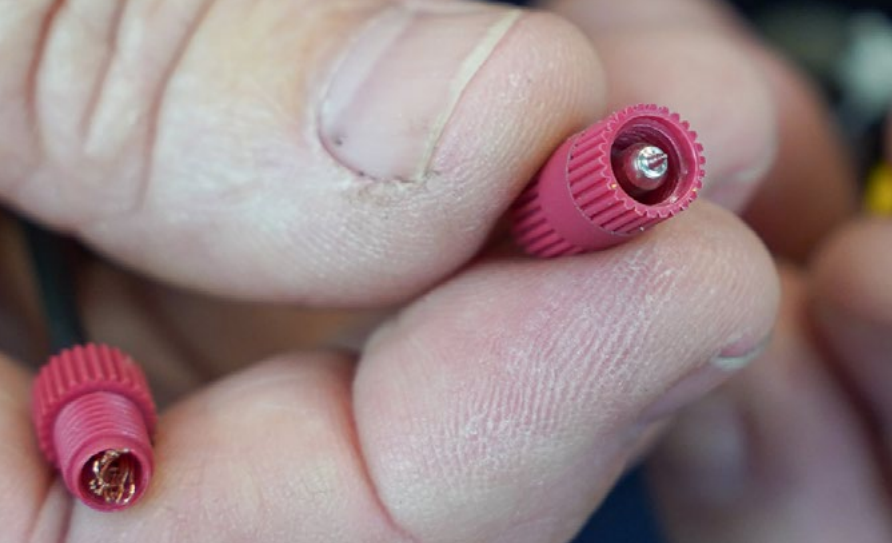


STEP 4

GROUND SCREW

Just adjacent to the terminal block and under the seat is the battery. It has both red (positive) and black (negative) terminals on the top of it. Pull back the red rubber cover and unscrew the cable on the positive side, place the loop from the SOS on top of the terminal and replace the screw, so it holds the loop nice and tight.

You are almost done, at this point push the SOS button and it should start the bike, next push the OEM stock start button and make sure it still works. If the stock button does not work you may have blown a fuse while running the wires, its no big deal, simply replace the 10 amp fuse on the inside of the black terminal block and you will be good to go. Once you are happy with how you ran the wires and the location, peel the wax paper off the tape and firmly push the SOS into place.



STEP 5

EZ-CONNECT

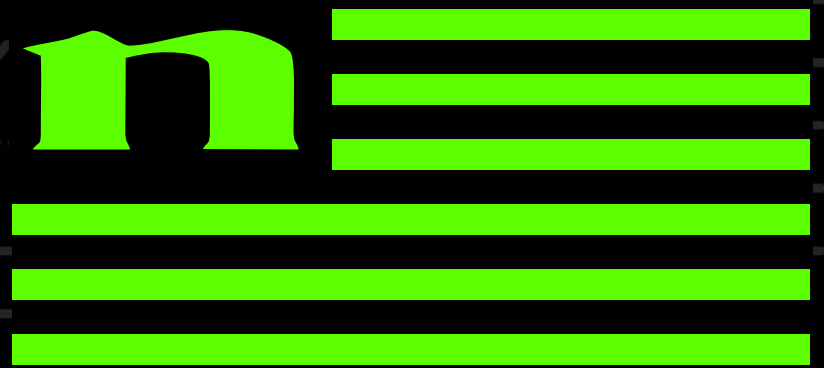
The EZ-Connector has been used on motorcycles for many years and is a proven way to add electrical accessories to your bike. One side has a gray screw tip, and it has a slot on the inside that will slide over the wire. Start with the gray side and slide the slot over the wire you are connecting to. Then take the center of the EZ-Connector and screw it back onto the gray cap while holding the cap in place. The sharp probe will pierce the insulation of the wire and make a good electrical connection. Next, take the trigger wire from the SOS (it will already be stripped back about $\frac{1}{4}$ ") and slide it into the red screw-on cap. Then screw them back together, the wire will become squished against the internal metal piece and make a good firm connection. It's always a good idea to use some heat shrink or electrical tape around the EZ-Connector to protect it from damage and moisture.



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CONCEPTS

SOS

NEVER STRANDED



MADE IN THE USA