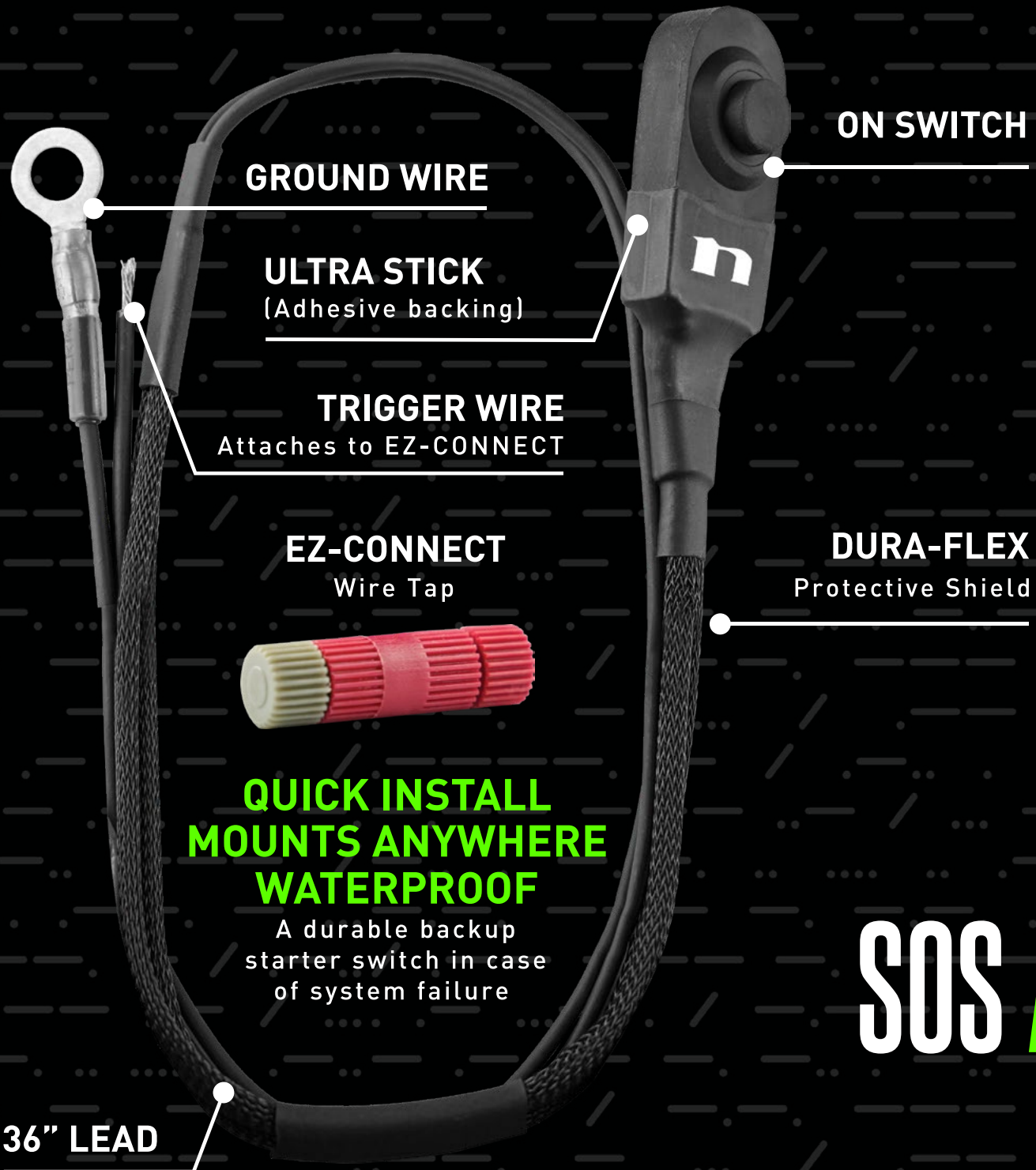


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CONCEPTS

SOS

NEVER STRANDED

SECONDARY ON SWITCH INSTALLATION - HONDA 250/450



36" LEAD

GROUND 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.



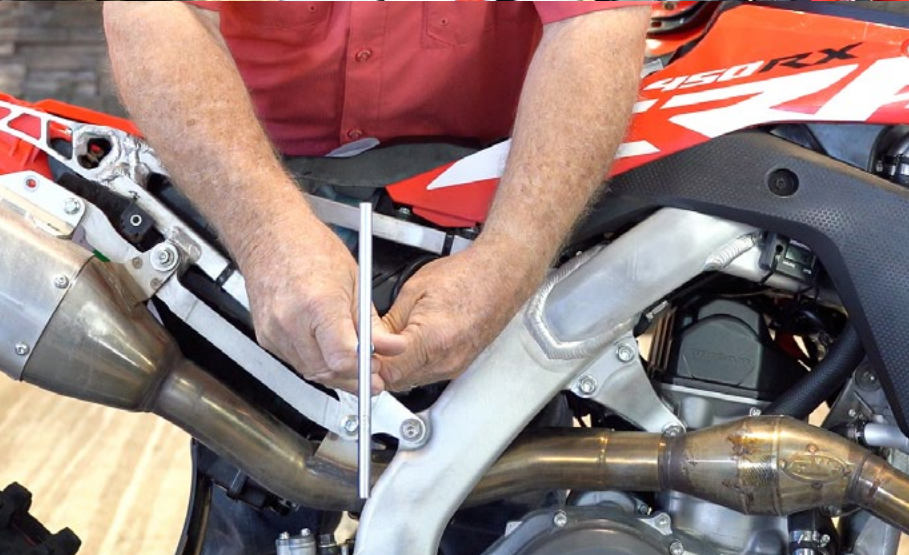
STEP 1 PICK LOCATION

The SOS switch can be mounted anywhere on your dirt 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. It's a good idea to read ahead and learn how to find the trigger wire and Neutral connection and do a dry run hooking everything up and testing it, once you know it is working and hooked up correctly then go back and run your wires and attach the SOS button. 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. On the Honda's there is a protected spot on the right side of the head stem just next to the Radiator on the down tube, it sits in deeper than the perimeter frame and is protected and safe, we suggest that location.

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

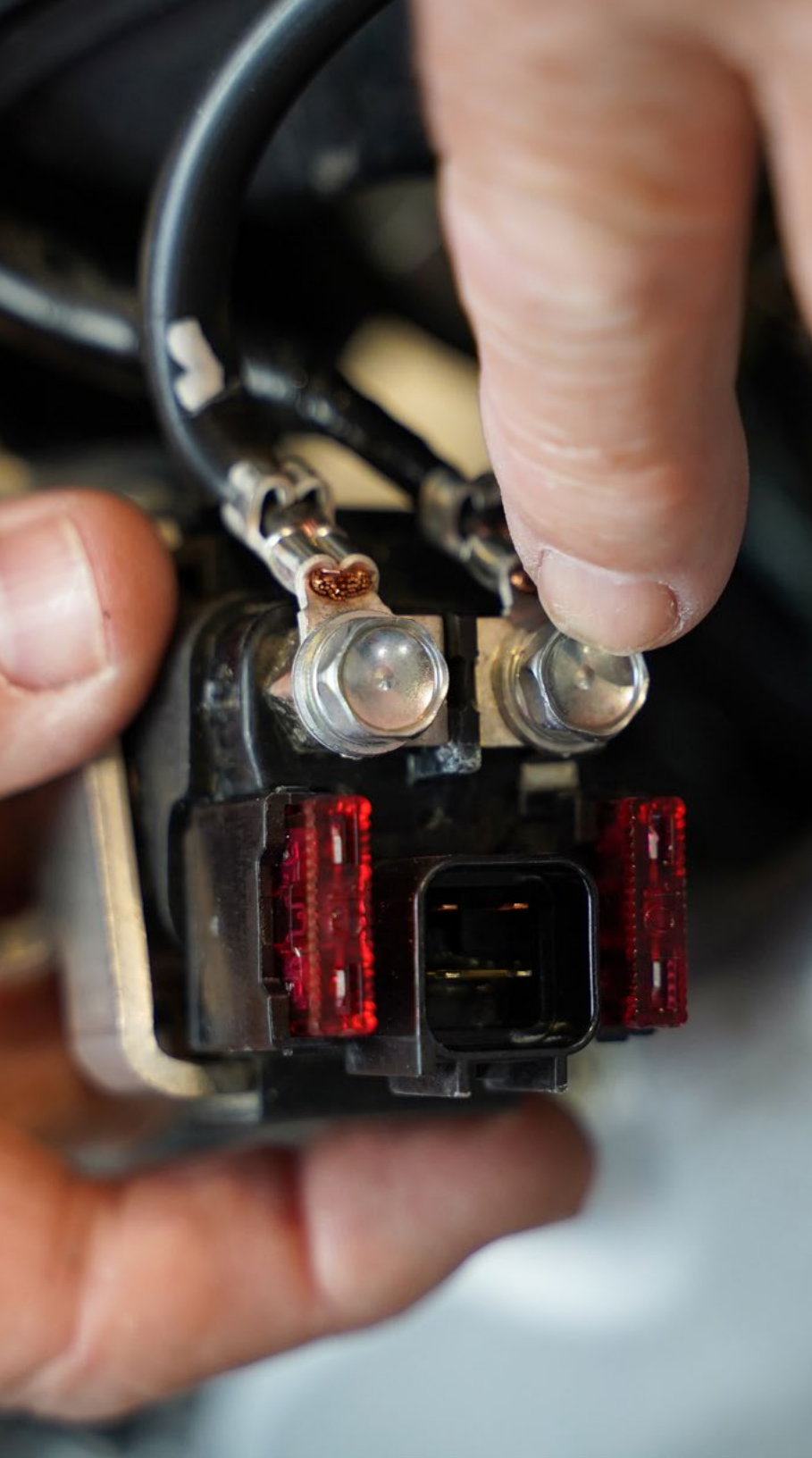
Start by removing seat, air box cover or side number plates and shroud. Remove everything necessary in order to mount your new SOS in a safe and protected spot.



STEP 3

LOCATE TRIGGER WIRE

Start by tracing the two wires that come off the OEM start button down along the frame until they arrive at the terminal block. On the CRF250F / 450F there is a small terminal block with a black cover on it, pop off the cover and you will find two 10amp fuses, two cables and a clip in connector attached to it. This terminal block is where you will make all your connections to install the SOS on the Honda. The block is located in the crotch between the sub frame and main frame and has a 10mm bolt holding it in place. Remove the bolt and wiggle the block out into the open so you can see it and work on it easier. There is a clip in connector plugged into the block, push the tab and pull it apart. You will find three wires going into the connector and the Trigger wire is going to attach with the EZ-connector to the Green wire with the Black tracer. The Trigger wire will be pre stripped about .25" and be ready to install into the EZ-Connector. Carefully cut back the black tape and expose about 1.25" of wire, this will give you enough room to attach the EZ-connector. Step Five will explain how to install the EZ-Connector, simply follow those instructions to complete the trigger wire installation.



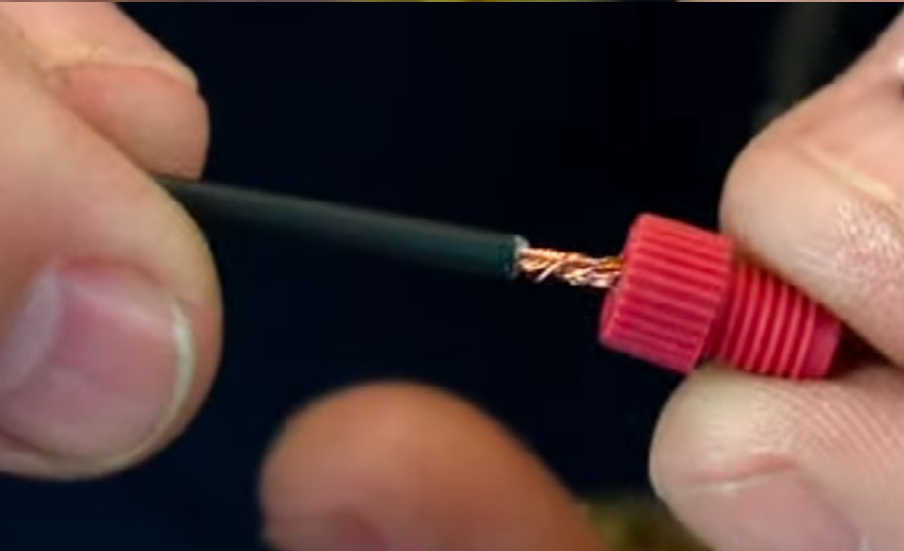
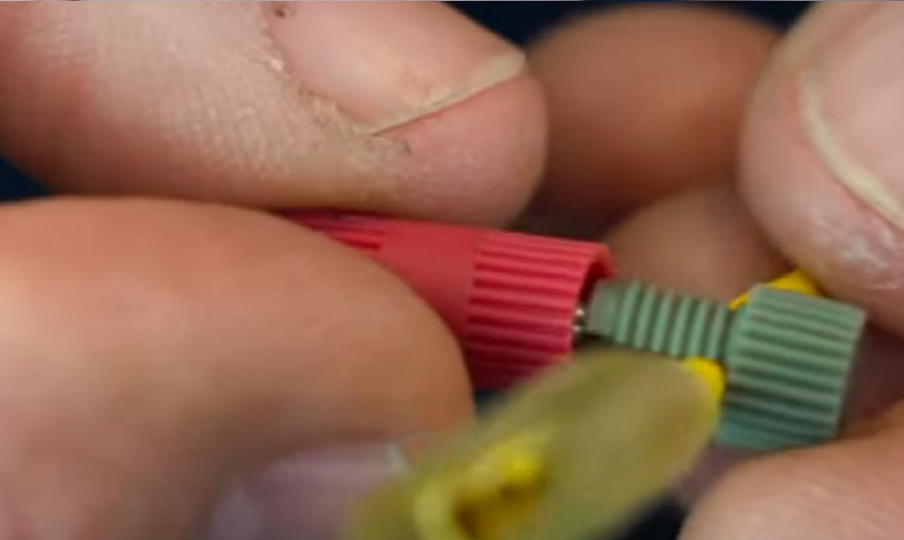
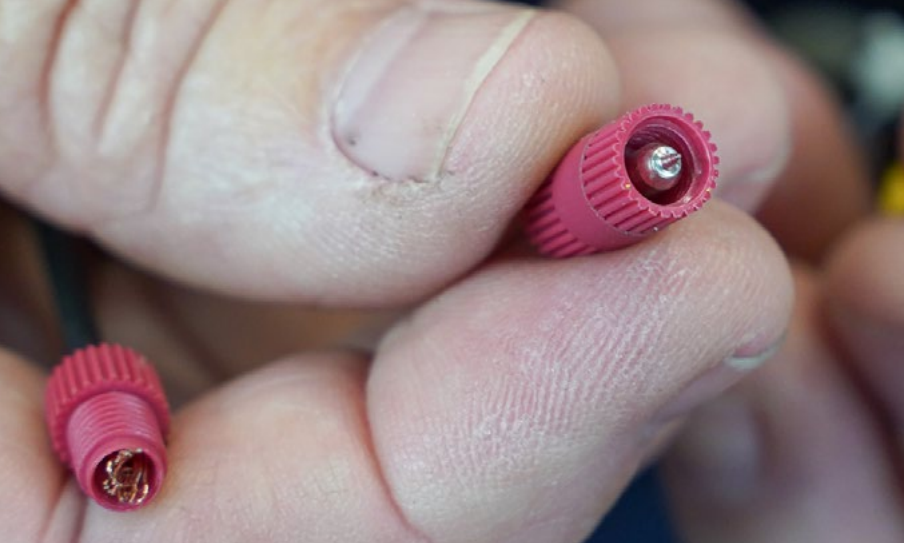
STEP 4

NEUTRAL WIRE

The next step is to locate the Neutral Wire connection point, You will be using the loop ended wire of the SOS. Two spots can be used on your CRF 250/450, we have chosen the bolt on the terminal block with the two fuses in it (see picture). The one towards the inside or center of the bike is the positive side, you can follow the wire right to the positive side of the battery which is the second spot you can attach the loop to. Just unscrew the bolt and put the loop under it and re-tighten.

You can see in the picture that we have pulled the terminal block out so its easier to work on this will save time in the long run.

Now you can push the SOS button and the bike should turn over. Once you are happy with the operation go ahead and finalize running your wires, use zip ties to secure everything so it won't move when riding and it's also a good idea to put some electrical tape around the EZ-Connector.



STEP 5

EZ-CONNECT

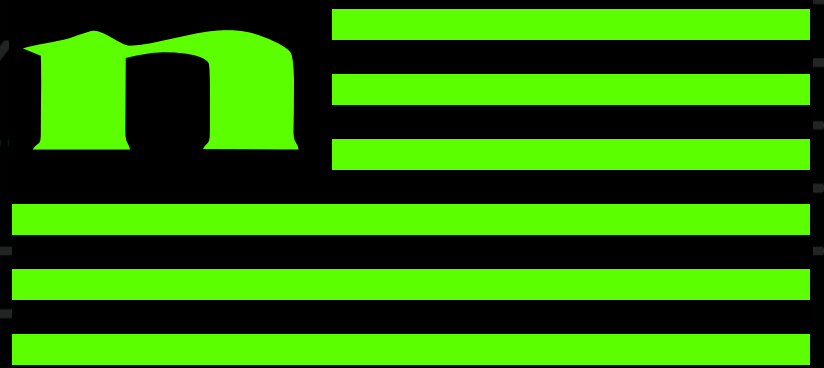
The EZ-Connector has been used on motorcycles for many years and is a proven way to add electrical accessories to your bike. One side has a gray screw tip, and it has a slot on the inside that will slide over the wire. Start with the gray side and slide the slot over the wire you are connecting to. Then 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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SCS

NEVER STRANDED



MADE IN THE USA