



# ARMOR 3 Installation Instructions

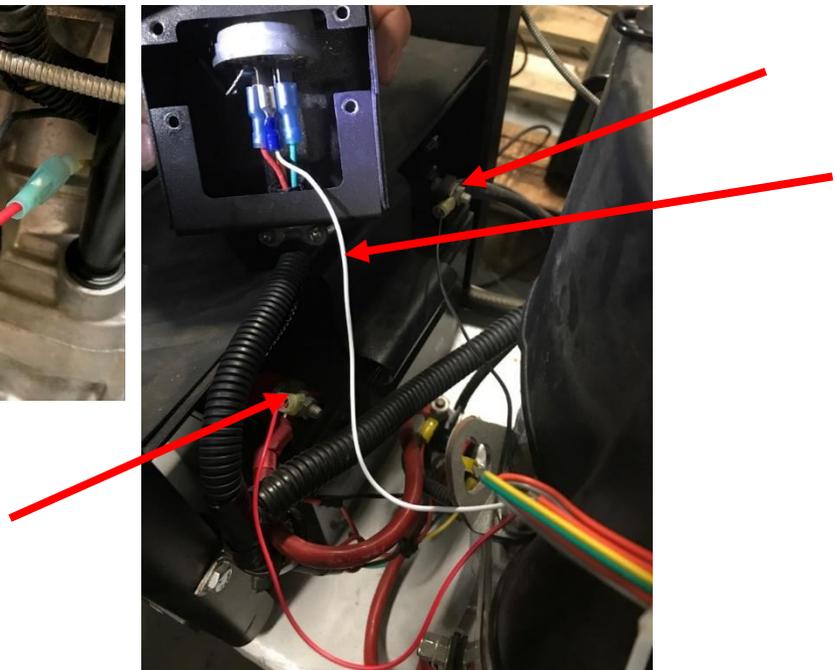
## 1. Installing ARMOR Device

- Separate the black, red and white wires from the wiring assembly
  - Connect the red wire to the positive battery post and the black wire to the negative battery post.
  - ARMOR is powered by 8v to 32v. Most typically power the unit off of a 12v starting battery
- Select the white wire known as the ignition input, positive trigger
  - Locate a standoff, wire or spade connector that is 12v while the engine is running
  - Attach or buddy the white wire with this connection
    1. This is to merely measure on or running volts (Typically 12v-14.3volts on most engines)
    2. When the engine is running, there needs to be voltage
    3. When the engine is not running, there needs to be zero voltage
    4. This simple on/off trigger measures run time
  - Simple illustration
    1. Double/Buddy with the on/off side of the oil pressure switch
      - a. When the engine is running, the on/off side has 12v
      - b. When the engine is not running, the on/off side has 0v.
    2. You can also attach this to the Run side of the key switch
      - a. Standard Key switches are as follows
        - i. Off position
        - ii. Accessories position
        - iii. Run position (add White wire here where 12v is present while running)
        - iv. Start position.
      3. Testing for accuracy for run time
        - a. The white wire should be getting approx. 12v while running
        - b. The white wire should be getting 0v while not running.

Oil Pressure Switch Hookup



Key Switch Hookup and Batteries





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## 2. Attach ARMOR Device

- Find a suitable location to mount the armor device and secure it in place. Go back and secure all wiring making sure it is not in an area that can be pinched or that gets very hot.

