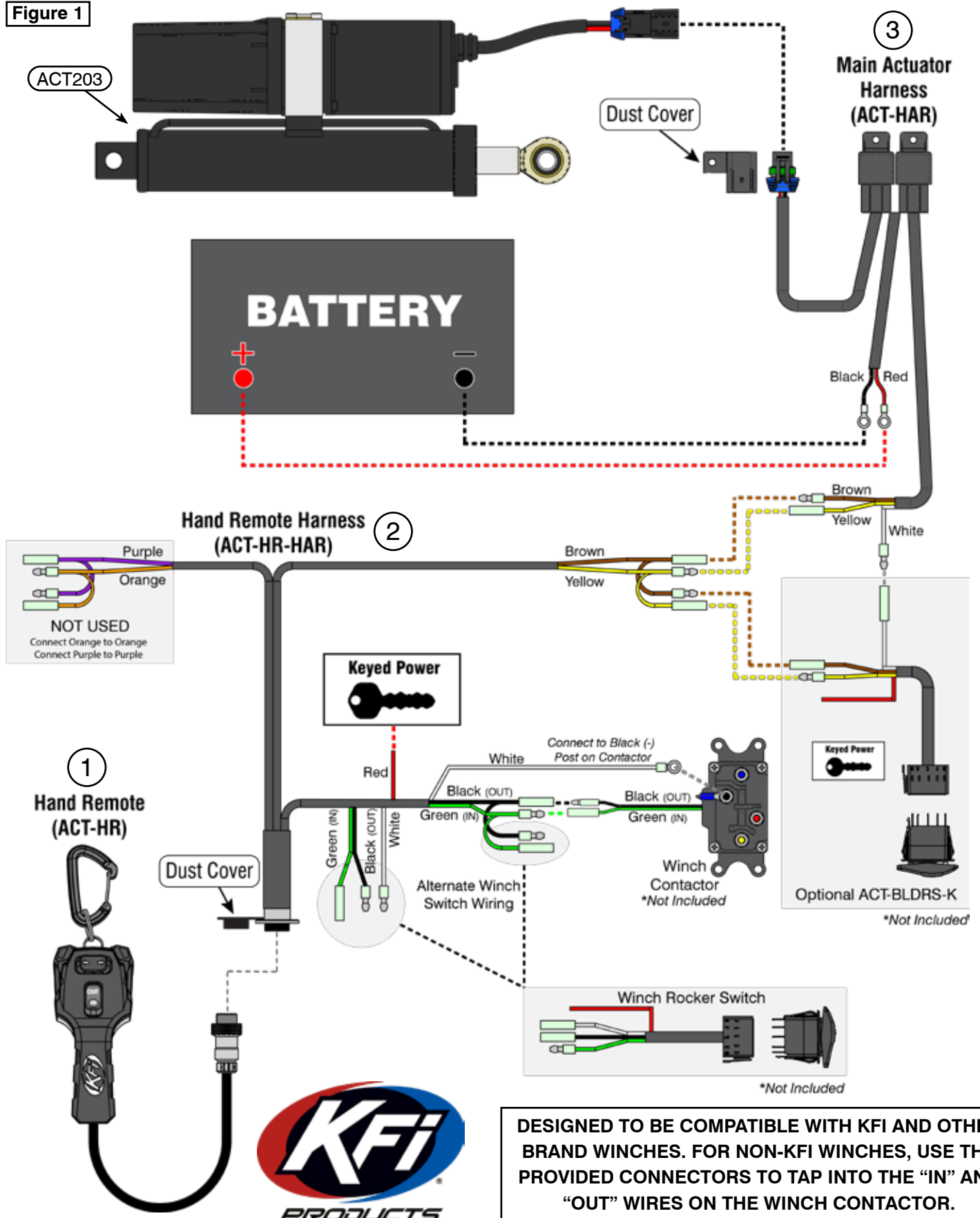


# HAND REMOTE PLOW CONTROL KIT

Wire Harness

PART #106950 Rev A

Figure 1



# INSTALLATION INSTRUCTIONS

## ⚠ CAUTION

Never route electrical cables across any sharp edges, through or near moving parts, or near parts that become hot.

### Kit Components:

Item #	Qty.	Description
1	1	ACT-HR (Plow Control Hand Remote)
2	1	ACT-HR-HAR (8 Pin Panel Mount Harness)
3	1	ACT-HAR (Actuator Main Relay Harness)

**Note:** Make sure components needed to complete this installation are in the package. Thoroughly read through and understand the instructions before installing.

### Installation Instructions

- Connect the Red and Black wires from the **Main Actuator Harness (3)** to the battery. See **Figure 1** for reference.
  - Red wires to the Positive (+) terminal
  - Black wires to the Negative (-) terminal
- Splice the end of the red wire from the **Hand Remote Harness (2)** into a power source that is controlled by the ignition (Keyed Power). Use a test light to identify a wire that receives power only when the key is in the ON position.
- Connect the green and black wires on the **Hand Remote Harness (2)** to the green and black wires on the winch contactor. Then, connect the white wire to the negative (-) post on the contactor.
- Connect the Brown and Yellow wires from the **Hand Remote Harness (2)** to the **Main Actuator Harness (3A)**:
  - Brown (Female) to Brown (Male)
  - Yellow (Male) to Yellow (Female)
- Choose a suitable location to mount the 8-pin panel plug on the **Hand Remote Harness (2)**. Ideally, place it under the dash on a flat surface, but feel free to mount it wherever is most convenient. Once you've selected the spot, drill a **3/4" (19mm) hole**. If necessary, the hole may need to be enlarged so the panel plug fits snugly. Secure the plug using the supplied screws, **being careful not to overtighten them**. Refer to **Figures 2 and 3** for details.
- Find a clean and dry location to mount the relays. Make sure the location you choose allows sufficient clearance from all metal components. Keep away from sharp and hot objects when securing. Drill a mounting hole if required. Secure with zip ties or self tapping screws.

- When the **Hand Remote (1)** is not in use, always cover the panel plug on the **Hand Remote Harness (2)** with the dust cover to keep it clean. Be sure to store the Hand Remote (1) in a safe location when not in use. See **Figure 2**.
- See **Figure 1** for other configurations of wiring. *Example: Wiring to a winch rocker switch and/or a plow actuator switch.*

