

Instructions for Replacing XR Lower Pole Assembly

Remove the broken part as follows:

1. First undo the 5-pin wiring harness connector inside the handle. Follow the instructions for replacing the HE (handle electric circuit board) found on the Par Caddy web site Tech Support page. Just pry up the sticker enough to expose the small philips screw - you will need to re-use this sticker so do not pull it right off - just pry up the front edge. This will allow the circuit board holder to be removed allowing access to the connectors underneath.

After you disconnect the connector you must carefully remove the white plastic end. Use a small flat screwdriver from a jewelers set. Press down on each metal tab while gently pulling on the wire. There are 5 wires to remove. Jot down the position of each color as you must reinstall them later in exactly the same order.

2. Remove the lower tightening knob by removing the small screw at the base of the pole. This will allow the knob to easily come out.

3. Next remove the upper pole by loosening and removing the upper tightening knob. This will expose the wire that had the white connector on it. Gently pull the wire down to allow removal of the upper pole. Now gently pull the wire down and out of the lower pole - do not force it as the ends may break off. Save the rubber grommet that was in the lower pole hole and should be on the wire.

4. Remove the lower pole hardware from the base of the pole using metric tools - 6 mm allen wrench and 13 mm socket or crescent wrench. Save the hardware and the 2 plastic saddle shaped washers for the re-installation of the new pole.

Install the new Lower Pole

1. It is easier to get the saddle washers back in place if you start with the pole in the folded forward position. Set it in place between the brackets and then slide or tap in the saddle washers until all the holes line up. Make sure the curved saddle part is against the curve of the pole. Gently tap the bolt all the way through then re-install the 13 mm nut and tighten. There is a set screw in the end of the pole - this holds the knob in place - remove the screw and re-install the lower tightening knob. Re-install the screw after inserting the knob. Move the pole to the upright unfolded position and tighten it into the threaded brass bushing.

2. Re-install the wiring harness back up thru both poles to the handle. You will need about 3 feet of picture wire that is used to "snake" the wire back up thru. Attach the pic wire to the end of the wiring harness by wrapping it around all 5 wires several wraps just below the metal wire ends. Make sure the grommet is on the wire, then feed the end of the pic wire into the hole and up - when the wire reaches the pivot point where the upper pole attaches you should see the end of the wire. Grab it with needle nose pliers and gently pull the wiring harness up thru the pole to that position being careful not to damage the wires.

3. Now feed the pic wire thru the upper pole until you can grab it thru the handle slot. Make sure the wire goes thru the cylinder piece that connects the lower and upper poles at the pivot point. Gently pull the harness thru the upper pole until the wires are there with some slack. Re-install the upper tightening knob.

4. Now you must re-attach each wire to the small white connector. Look closely at the small wire ends - you will see a small metal tab on each one. This is the tab you pressed on before to release the wire from the connector. Using the small jeweler screw driver slightly bend each tab up so that it will click into place when you press it into the connector. Click each wire into place in the connector making sure the order of the colors is the same as before. Make sure there is enough slack in the wiring so that the connector cannot be pulled off from the bottom when the cart is folded down.

5. Connect the wiring harness to the underside of the circuit board - make sure it is fully seated. It will only go on one way with the 2 plastic rails going into the slots.

6. Connect your battery and test the cart prior to final re-assembly. If all works OK proceed to the next step.

6. Re-install the circuit board holder into the handle using the small black screw removed previously.

7. Press back down on the control sticker to cover the screw. It should still stick if you were careful to keep it clean. If not use a little glue and clamp it for a few minutes if necessary.

Done !!! - Good work !!!

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