

INSTRUCTION SHEET

Yamaha Switch Assembly Replacement

(Please read and understand instructions before beginning installation)

Tools Required:

- 17mm socket wrench
- 11mm socket wrench
- #2 Phillips Screw Driver
- 4mm hex key
- 2.5mm hex key
- Needle Nose Pliers

Parts Required:

- Yamaha Switch Assembly (Fig1)
(Sunrise Part Number 133102)

Please refer to the Yamaha Plate Assembly (Sunrise Part Number 133107) instructions for removal of the Plate Assembly.

Remove the battery before performing any maintenance on the Xtender .

Removal Procedure:

- 1) Using a 17mm socket remove the nut securing the axle to the Xtender unit.(Fig 2)
- 2) Once the nut is removed the wheel assembly and motor assembly can be separated by pulling them apart. (Fig. 3)
- 3) Set the wheel assembly aside and lay the motor assembly on a flat surface.

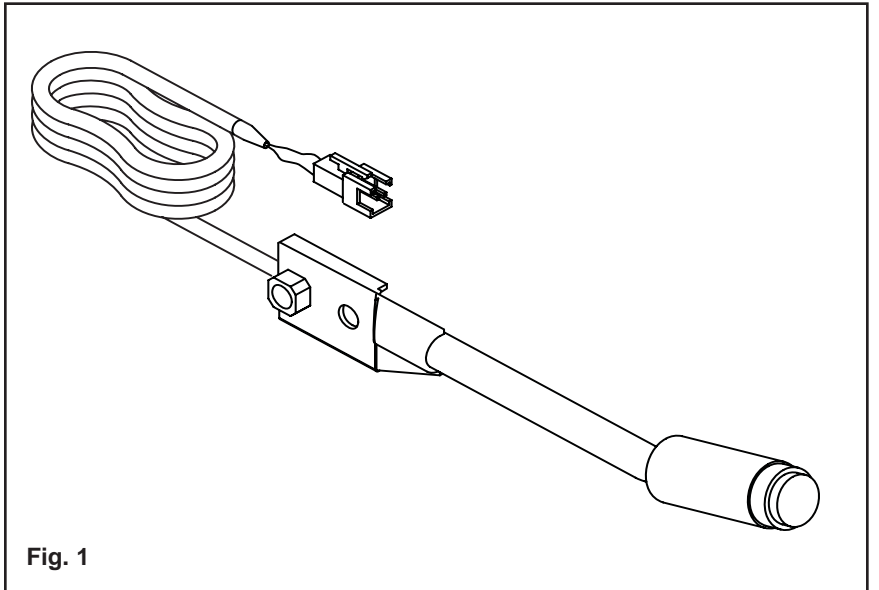


Fig. 1



Fig. 2

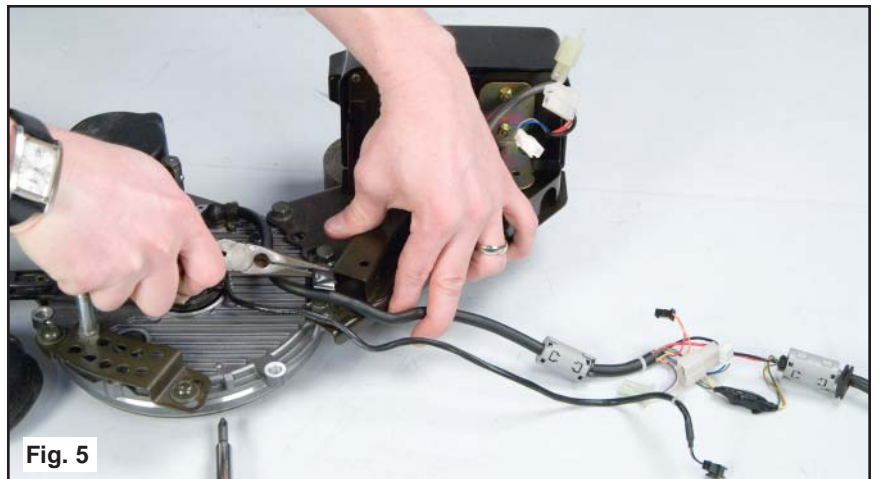


Fig. 3

- 4) Using a #2 Phillips screw driver remove 2 screws that secure the battery cover shroud. (Fig 4) One is on the bottom of the shroud and one is inside the battery holder.



- 5) Two wires go behind the battery cover shroud, when removing the Switch Assembly only unplug the small black connector that attaches the Switch assembly to the main harness. Next cut any plastic wire ties that may be securing the small black wire and using a pair of needle nose pliers to gently unbend the strap securing the wire. (Fig 5)



- 6) Using needle nose pliers gently bend the tabs up securing the cable around the Xtender Axle. (Fig 6)



7) Disconnect the switch from the Xtender unit by using a 4mm hex key wrench, 11mm socket and ratchet. (Fig 7)

8) Reverse the above procedure to install the new Switch Assembly.

