

Hill Billy Spare Parts: *Fitting Instructions—Handle and Potentiometer Kit*

Please read these instructions carefully. Return faulty parts that are under warranty.

1. When fitting the new handle to your Hill Billy, do not re-use any of the old parts.
2. Remove the green control knob from the handle. Insert the allen key supplied into the hole in the edge of the control knob and loosen the screw buried inside.
3. Undo and remove the nut and shake-proof washer which are visible when the control knob has been taken off.
4. Remove all 9 screws fitted into the old handle.
5. Pull the handle apart and remove it from the trolley.
6. Examine the blue switch, and you will notice that there is a rectangular connector fitted to the 3 connector pins of the switch.
7. Lift the Blue Switch out and remove the small connector block and switch from the handle wire by cutting the three wires as close as possible to the connector block.
8. Strip the outer cover from all three wires to bare the inner wire for a length of approximately 5mm/ $\frac{1}{4}$ ".
9. Carefully matching the wire colours Red to Red etc place the bared wire into the new connector block and tighten the appropriate screw to secure the wire in the connector block.
10. Take the lower half of the new handle and position it on the trolley frame. Align the two screw holes and insert 2 of the 4 new self tapping screws provided to secure it to the trolley frame (fig 1 - A)
11. Position the switch in the lower handle. The handle is shaped to support the switch in the correct position. Hold the switch steady with your thumb and lay the wiring in the handle. The wiring should be pushed into the cable guides provided.
12. Place the upper half of the handle in position, ensuring the wire is not trapped.
13. Insert the 4 screws and secure the 2 halves of the handle together using the 4 nuts (fig 1 - B).
14. Insert and tighten the long self tapping screw (fig 1 - E), into the lower half of the handle.
15. Fit the remaining 2 self tapping screws into the top half of the handle (fig 1 - A).
16. Fit the new shake proof washer and nut to the switch (fig 1 - D), and tighten the nut firmly.
17. Push the control knob onto the switch spindle and secure it using the allen key. Do not over tighten; doing so may distort the control knob.

