



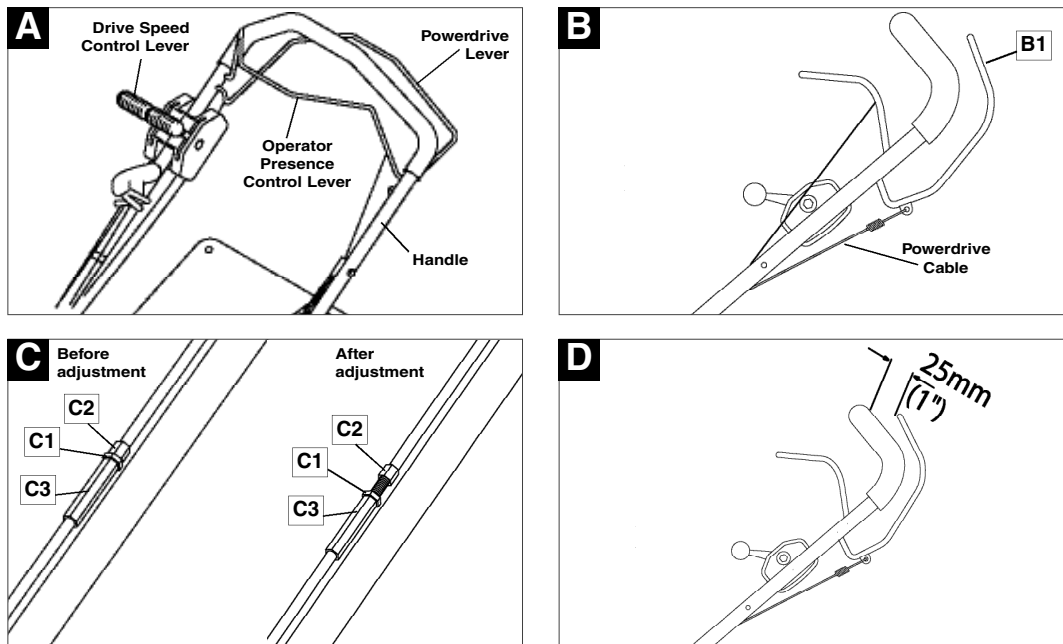
<b>Service Bulletin</b>	<b>B0401902</b>
	<b>2004-03</b>

**Products:** Royal 53S Walk Mowers

**Subject:** Powerdrive Cable Adjustment Procedures

The Royal 53S uses a drive lever and adjustable cable system to self-propel. Occasional adjustment to the drive cable may be necessary to maintain the proper travel of the drive control lever and ensure proper and smooth operation. These instructions will guide you through the process of adjusting the drive cable.

**Warning:** Follow the safety precautions in the Operator's Manual. An incorrectly adjusted powerdrive cable could result in the lawn mower drive engaging without the powerdrive lever being operated.



**How to Adjust the Power Drive Cable**

1. If the drive wheels do not engage or drive intermittently when the powerdrive lever is pulled against the handle, cable adjustment may be necessary to correct the problem. (Note - Only the rear wheels are driven).
2. Before adjustment set the Drive Speed Control lever to the fast position shown by the symbol.
3. Loosen the locknut (C1) using a 10mm wrench to turn it counter-clockwise (viewed from the operators position) while holding the adjustment nut (C3) with an 8mm wrench.
4. With the locknut (C1) now loose, secure the adjustment nut (C3) with an 8mm wrench. Rotate the cable nut (C2) 1/8" by turning it counter-clockwise with an 8mm wrench.
5. Start the mower (observing the safety precautions and starting procedure described in the Operator's manual). Operate the powerdrive lever, noting how far the lever is from the padded handle when the drive first starts to engage. If it begins to engage at around 25mm (1"), the adjustment is correct and you can move on to step 5. If the drive engages at less than 25mm (1"), or does not engage at all, repeat step 3 & 4 until proper adjustment is made. Be sure to shut down the mower engine during adjustments.
6. When adjustment is complete, secure the adjustment nut (C3) with an 8mm wrench and tighten the locknut (C1) with a 10mm wrench until it is tight against the adjustment nut (C3). (Make sure the cable nut (C2) doesn't move during this step).
7. Start the mower again and engage and disengage the drive a few times to ensure proper operation.
8. If the drive engages without the drive lever (B1) being operated, or if there are any other problems with the drive system, contact your authorized Husqvarna service center for repair.