

Remote Control Box For Teknatool DVR Lathe

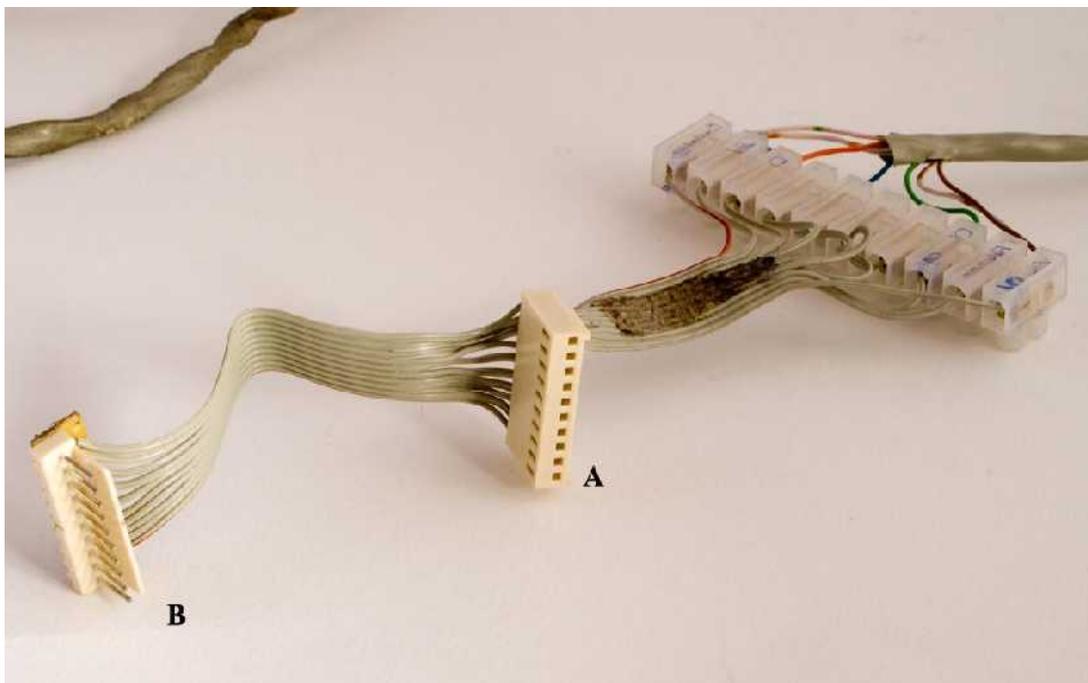
This remote is based on diagrams kindly provided by Walt Ahlgrim in the MSN Nova group

To make the remote control box for the lathe you'll need a way to connect it's cable whilst leaving the original control board connected (although it's possible to disconnect the original control and just use a remote).

To achieve this I cobbled together what's shown in the image below using connectors, circuit board and cable from Maplin (UK component supplier).

Part A is a 0.1inch series 10 way pcb latch housing

Part B is a 0.1 inch series 10 way pcb latch plug with a small length of stripboard



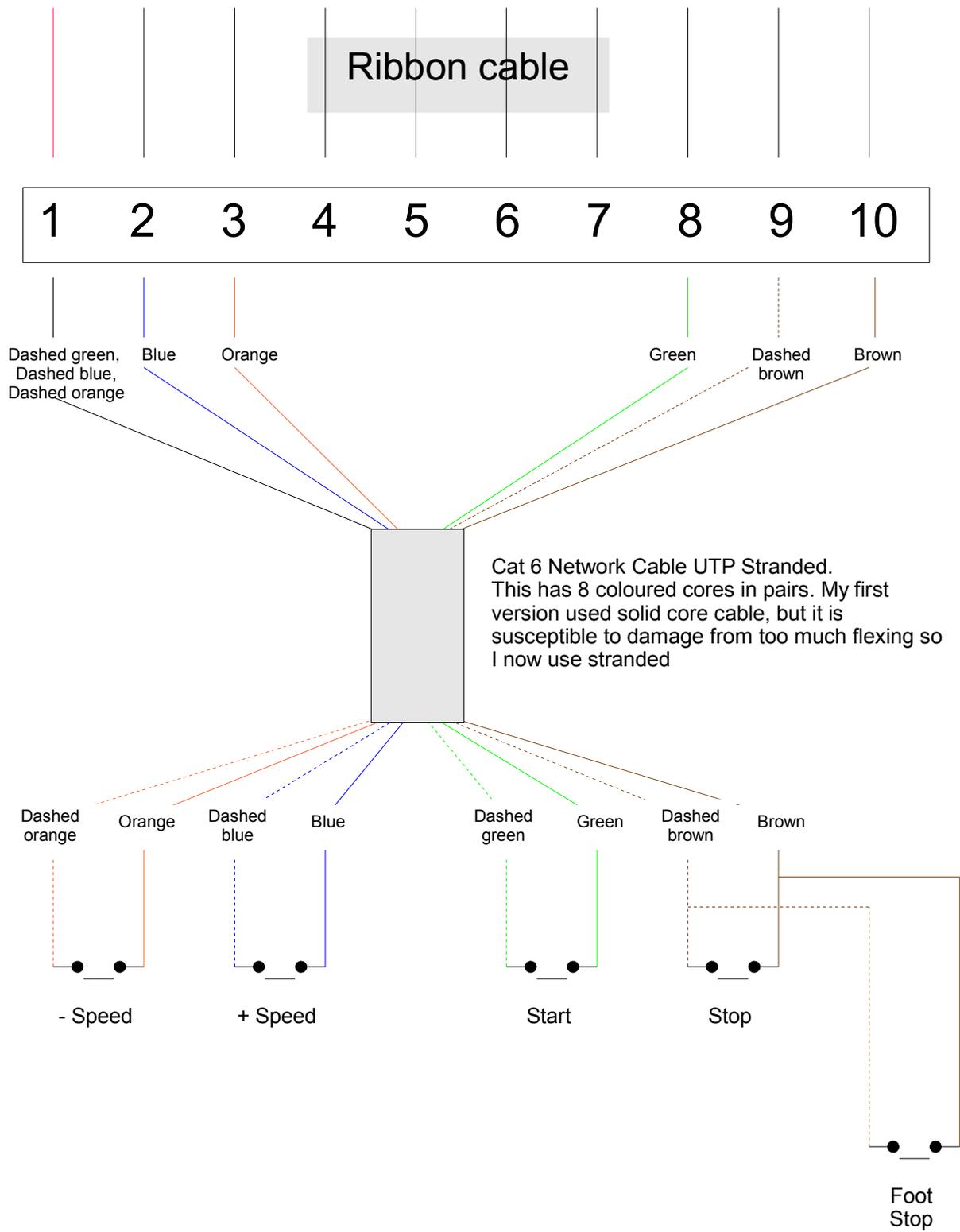
To fit the connector to the Nova remove the lathe black front control panel, unplug the black ribbon connector at the top of the green circuit board, plug in A in it's place and plug the black ribbon connector into B.

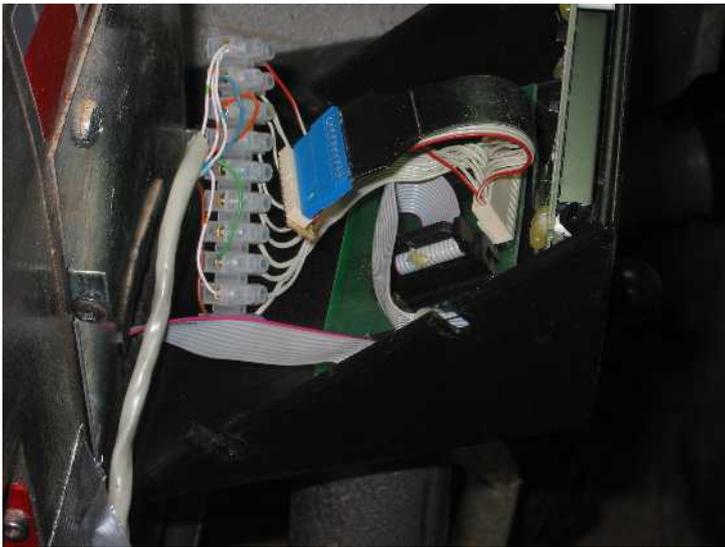
Your lathe's existing controls should still work as normal, even without a remote control box.

For my remote I wanted basic control with Stop, Start, +, - so I haven't wired in the other wires/buttons.

I happily using this box on my original DVR 3000 for several years. The lathe was upgraded with a new control board so it is now effectively a DVR XP, and my remote works has been working well for months now.

Ribbon cable





The last 2 shots show my current remote boxes. The main remote box (grey) is wired into the original control box. I've used microphone connectors on the first and subsequent boxes to allow me to daisy chain further boxes if I want to. Currently I have a hand operated stop and a separate foot operated one. The green button on the left side is the go button. It's smaller and on the side to make it harder to hit by accident, although I still sometimes touch it accidentally. The next version will have a covered button.