Replace Umbilical Cable

Cables are used with the breakout box for the electronic handwheel option.

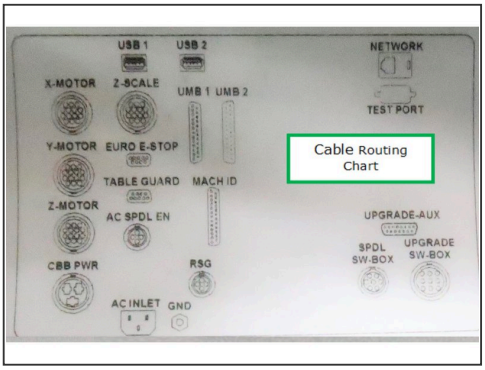
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Step 1 — Remove and Replace Cables







- Umbilical cables go from the break out box to the axis and can flex a lot over the years. It is common to find an internal break that is not serviceable. Troubleshooting these cables for a problem means replacement of the cable with a new one.
- Bed Mills and Lathes both use these cables. They can attach to the rear of the pendant with the exposed wire jacket or travel through an enclosed pendant arm. They need to be reinstalled just like the factory installation which may involve clips, tie bands, etc.
- There are two types of Umbilical cables, 25 pin and 37 pin. We stock different lengths based upon mill design. Item shown is part number 22556-10, a 25 pin cable 10 feet long. The 25 pin cable also comes in a 25 foot length.
- Carefully trace the wire needed for the cable you are replacing. There are many moving parts on the mill and the cables are routed for a reason from the factory. You likely will have to cut and replace zip ties to secure the cables properly. Mills have diagrams showing the correct connection locations on the pendant and breakout box.
- Part number 22555 is a 37 pin umbilical cable that comes in 10, 15, and 25 foot lengths. Photo shows a 22555-10, a 37 pin cable 10 feet long.