

Powerlines Frequently Asked Questions

Q: Do I need to lube the Powerlines?

A: No, Powerlines are designed to be a totally maintenance free cable system.

Q: Do I really have to run the liner the full length of the inner wire/cable?

A: Running full liner is not required but does give the benefit of a totally "sealed" system. In addition, cables have been optimized for performance with the inner liner.

Q: Can I replace the liner?

A: Yes, replacement inner liner (AC5200) is available.

Q: Can I buy Powerlines in black or other colors?

A: Powerlines are currently available in silver only. A black version is planned for introduction later in 2005; please check the website for product updates.

Q: Can I replace the inner wire with a non-Aztec product?

A: Any inner gear wire should work with Aztec Powerlines, although performance is optimal with Aztec Teflon coated wire. Some brake inner wires may not be the correct size for using with the Powerlines outer casings.

Q: Do I have to use the black end ferrules?

No, they are not essential at all. Other than for the purpose of holding the links in place, they are not at all essential. Leaving them off can reduce incidence of ghost shifting and some component makes do now allow sufficient clearance to fit them anyway.

Q: Is it okay to scrape off the Teflon coating to clamp the inner wire?

A: Yes, in fact with some components the only way the clamps will grip the inner wire is if the coating is gently scraped off at the anchor point.

Q: I am experiencing ghost shifting with Powerlines for Gear (AC5800); the shifter's not staying in gear. How do I fix this?

A: All the links tend to 'bed in' to each other and this can cause minute slack to build up in the system. One way of reducing this effect is to accelerate the bedding in process by 'working' the outer by hand during installation when the cable is pulled tight. The more bends the outer has, the more this problem can occur. We also recommend checking the outer covering on each Powerlines housing. The last metal link should be 1/2 exposed at each end of the plastic tube on each of the lengths of housing used; trim back if necessary.

Q: Why does my carefully installed brake cable not return smoothly?

A: Because of the very close tolerance between the lining and inner wire's Teflon coating, it can initially bind slightly as the cable negotiates tighter bends. This will soon disappear in use and can be accelerated by actuating the cable several times to help the system 'bed in'.

