

The trike cable from the subject investigation was examined using an optical stereomicroscope. Attached pictures show an overall view of the submitted cable, the fracture at the crimped sleeve, and the mating side of the fracture. The cable fractured where the cable intersected the crimped sleeve for the cable end. Individual fractured wires showed necking deformation and chisel-like features consistent with ductile overstress fracture. No evidence of preexisting damage such as fatigue or corrosion were observed.

Matt Fox
Senior Materials Engineer



Figure 1: Cable as Shipped



Figure 2: Cable End



Figure 3: Close-up of Cable End