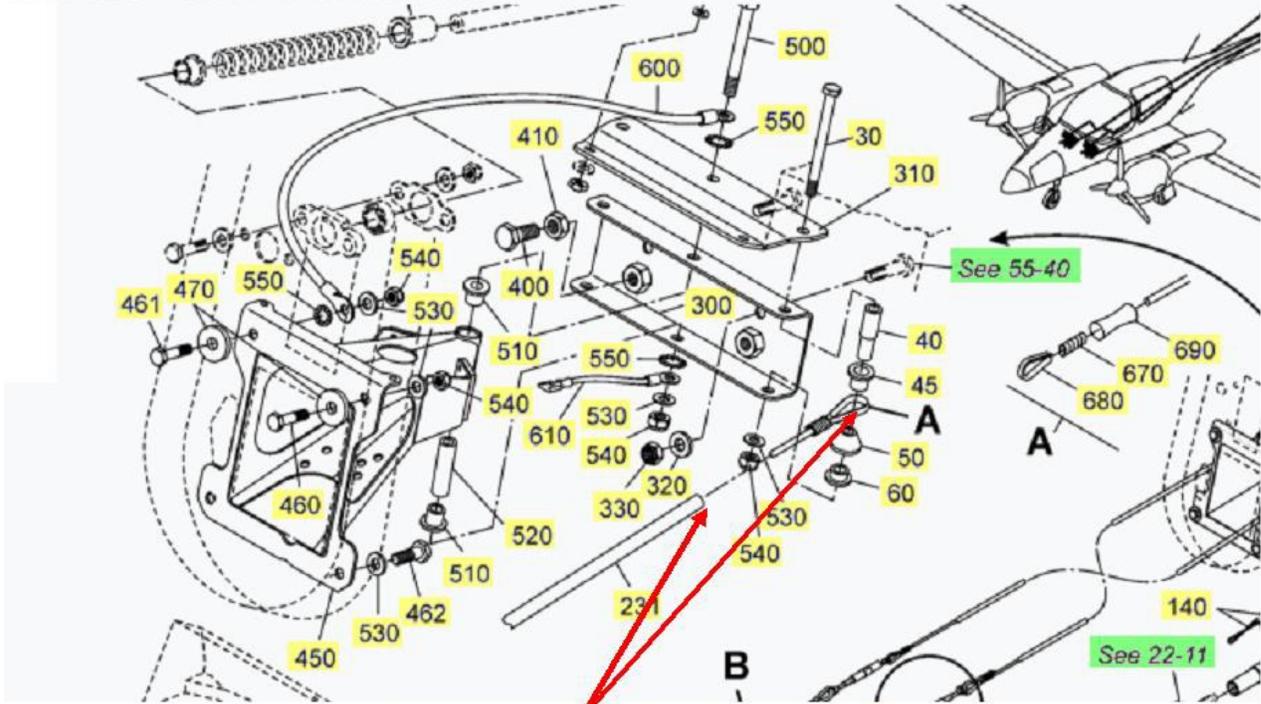


Diamond, DA42, Chafed Rudder Cable, ATA 2720

An unidentified submitter stated the following: "During a routine inspection, the rudder cable (P/N CA13190) was found worn with broken strands where it exits the (guide) tube (P/N 157727) about two inches forward of the rudder bell crank. This is approximately on the rudder hinge line. Once the cable was removed, additional wear was found 33 inches inside the tube. Since both ends of the cable are swaged, this cable would never be removed to inspect for that wear (occurring) midway in the protective tube."

27-20 Rudder Cables and Actuator Lever



Left arrow shows location of wear. Rt. Arrow is where cable is attached to rudder Bellcrank.



Part Total Time: 1,313.0 Hours

July, 2010 AC 43-16A