

POWERPLANTS

Continental: IO550C; Leaking Dipstick Housing; ATA 8550

A technician states, "During a routine oil change a puddle of oil was observed in the bottom of the cowling. No oil was spilled while filling the crankcase. Having seen this problem several times in the past, the mechanic immediately knew to look at the dipstick tube (*P/N 6494061*) in the chafed area. As in all the previous situations, the hole is located at the first inside bend below the filler opening. Even though the OEM says they are not aware of the problem, most of our in-service engines show some sign of chafing which can be observed by looking down the oil fill opening on the crank case side of the tube. Fortunately, once the dipstick is in place, it tends to fill the chafed opening and very little oil can escape through the hole. The attached photos show the dipstick through the chafed hole—it actually creates a decent seal."



July 2010

AC 43-16A



Part Total Time: 1,209.0 hours