

Outer-sleeve carbon fiber (Outer Sleeve - 5287T33) tube sits on the outer side of the aluminum rod

Rod inserted into "B THRU" hole. When the Carbon fiber tube moves up, the threaded Rod prevents further upward motion so the drone doesn't fly off

Inner tube (M-SP-12)

Slip ring is connected to the carbon fiber tube,
Such that the tube can slide freely in the vertical direction
Along the inner tube. The slip ring does not need glue
To be attached to the tube, it fits fairly well inside
Without moving freely