

Oil Separator Modification



Some customers reported minor oil leaks from the engine ventilation system. We investigated the issue and have introduced a technical improvement to fix it.

Reason for the oil leak:

When the engine operates at an angle of more than 15 degrees during flight, oil cannot return from the oil separator to the engine quickly enough. As a result, small amounts of oil may escape through engine ventilation. This is not a critical issue.

Solution:

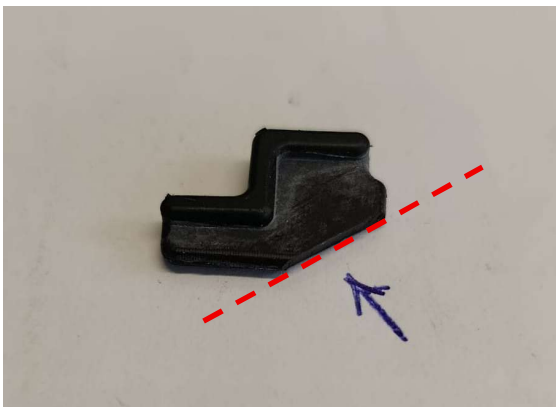
By sealing the oil deflector plate inside the oil separator, oil spillage can be stopped. However, please note that if oil enters the labyrinth, a small amount may still exit through the ventilation tube in some cases.

Modification procedure:

1. Remove the oil separator from the engine
2. Remove the deflector plate



3. Remove the oil seal and trim the edge



4. Thoroughly clean all parts to remove any oil residue



5. Apply liquid engine silicone to seal the deflection plate



6. Reinstall the oil separator and tighten the M6 screw to 12 Nm

