

## Rotax 9 Series Engines Pattern Parts Warning

### After Market Piston Kits and other Non-Approved Engine Components or Accessories.

LAA Engineering has recently received copies of two Service Letters from the current UK Rotax Agent, Skydrive. The Service Letters, issued by the engine manufacturer BRP-Powertrain, warn of potential problems 912/914 owners might encounter should they decide to fit non-factory-approved parts to their engine.

The first Service Letter affects all 912/914 series engines and concerns the use of 'third party', after-market piston kits. This Service Letter (SL-912 i006, SL-012-006 R1 and SL-914-006 R1) can be downloaded [HERE](#).

The second Service letter (SL-912 i005, SL-912-014 R4, SL-914-012 R4 and SL-2ST-008 R4) discusses issues connected

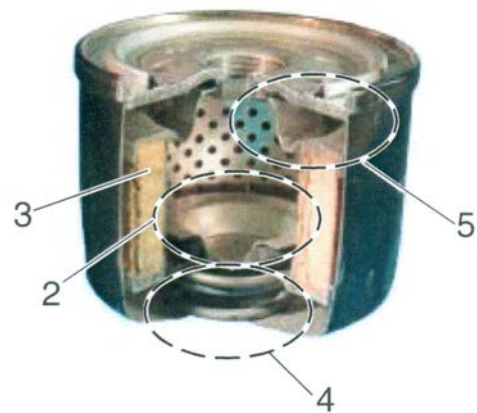


Fig.1 An example of a non-genuine oil filter; this example is manufactured with no by-pass valve (2), a shorter than recommended filter insert (3), a sharp-edged inner spring which can lead to premature wear and cracking of the filter housing (4) and, importantly, no oil return valve which means that the filter will drain completely at each engine stoppage (5). (BRP-Powertrain)

with the fitment of after-market (Pattern) oil filters, exhaust systems, turbo-kits and electric starter motors; also discussed are examples where poor quality repairs to a crankshaft have led to in-service problems.

This second Service Letter can be downloaded [HERE](#).

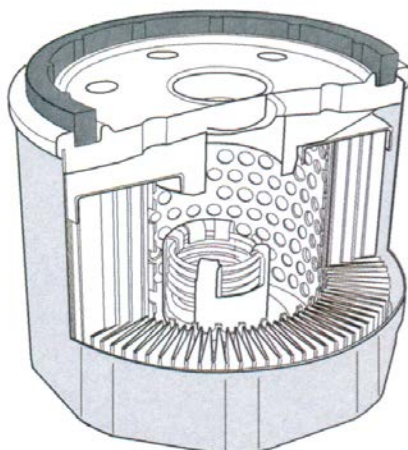


Fig. 2. A cutaway drawing of a genuine Rotax oil filter (BRP-Powertrain)