

Warning on an oil contamination issue SNJ553, SNJ095, SNJ095GQ, SNJ082, SNJ082GQ and SNJ124GQ

JAS have had the 3 different starters above returned with engine oil and diesel ingress issues.

SNJ095, SNJ082 and SNJ124GQ are affected by engine oil that commonly gets into the starters from leaking rocker cover gaskets or leaking rear main seals which then throw the oil into the starter off the flywheel.

SNJ553 damage is caused by a liquid damaging the starter but this time it is diesel from either a leaking diesel pump or leaking fuel system above the starter which causes degradation of the brushes and commutator even faster than engine oil contamination.

This is not a warrantable fault as it is caused by a vehicle issue.



Starter Out of Mesh Clearance Manual/Auto SNJ095 / SNJ082, SNJ075 / SNJ076

This Tech Tip looks mainly at some Mitsubishi Starters but there are also other brands that it can apply to for Example Ford V8 SNA016 Auto and SNA017 Manual, this list is not exhaustive.

The most frequent time we see this issue is with SNJ095 and SNJ082 and the GQ versions. Looking at **SNJ095** below the pinion at rest measurement distance is 10mm.



SNJ082 below has a pinion at rest measurement of 18mm



All other measurements are identical on these 2 starters but using an SNJ095 where there should be an SNJ082 will cause poor meshing with the drive not going far enough into the ring gear and using an SNJ082 where there should be an SNJ095 will cause constant meshing of the pinion into the ring gear with the motor running and destroy the starter. Most of the time this will be an Auto/Manual Trans difference but we have found both styles of starters on both types of transmission so if in doubt .

Always

- Check eJas with the OE Number or
- Visually check against the old unit removed or
- Check the out of mesh clearance using information from Tech Tip 10 Pinion at rest and out of mesh clearance.
- Fitting an incorrect Starter to the wrong application is not a warrantable claim.

“JAS Oceania supplies parts and components to specialist with specialised knowledge of our parts and therefore whilst JAS Oceania at all times uses all means to identify the correct parts and or components, ultimate responsibility is on the purchaser to ensure compatibility before fitting .”