

79 Series Landcruiser Starters 428000-5645 SNJ247

JAS has had a number of these starters returned both aftermarket and genuine Denso, and have not been able to fault apart from some evidence of cranking with low voltage and slight oxidization on the solenoid contacts. Both of these indicators can point to a lack of voltage either in the main battery supply or a voltage drop issue in the solenoid activation wiring.

We have had a vehicle come into a branch with this fault (occasional starter clicking) being displayed at the time and found that by bypassing the solenoid wiring at the starter relay the starter operated consistently. This confirms that there is enough resistance in the solenoid activation circuit to cause the solenoid contacts to oxidise due to slow closing and subsequent arcing in turn not providing good voltage to the starter motor itself.

This is also covered in Tech Tip #1. We were surprised to find this as an issue in such a late model vehicle but there was no doubt in the vehicle we tested and confirmed it on

You Tube Video showing this issue: <https://youtu.be/LPThhmlmaQQ>



Position of bypass point to test Starter in Starter Relay, drivers side inner guard.