## Advanced Technical Information

Attention:

Ground Strap Loose or Coated, Causes Starter Issues (P305400)

Technicians, Parts Personnel, and Warranty Personnel

Binder - Advanced Technical Information

9787

Panamera (971)

1710

Vehicle Type:	Panamera (971)		
Model Year:	2017 - 2018		
Customer Concern:	The customer reports that the engine will not start as expected. Sometimes, the customer reports that the starter engages but the engine will not turn over. This is a breakdown.		
Technical Concern:	The technician confirms the customer's observation and also notes fault code P305400 stored in the DME.		
	(See figure 1.) The bo could (a) be loose or ( coating of paint. Both conditions would hav time of vehicle produc	ground strap connection. It at the ground strap (b) have an incidental of these defective e been present from the ction at the assembly rrected the assembly	
	While this failure is most likely to occur on V8 and diesel engines, it will possibly occur on other engine variants as well.		
Service Information:	vice Information: Please inspect for and correct the two conditions referenced above first. Clean the contact su and remount the bolt using 15 ft lbs (20 Nm) of torque.		
	Typically, the starter is not defective and thus should not be replaced. You should only consider re- placing it after inspecting the ground strap connection for the defects indicated above and verifying a starter defect.		
	As always, be sure to document the complaint completely in PQIS. If the defect is visible, include clear photos that show the defect area. For this repair, use the following coding for the cause:		
	Cause Location: Cause Symptom:	97870 Ground strap f engine 2700 Electric screw connection; nut/screw loose, missir	ıg
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