

Attachment 1

Engine cranking non start with instrument pack temperature gauge in the red.

Please follow the steps below where the customer reports an intermittent concern that the engine will crank at normal speed but not start accompanied by the instrument pack temperature gauge displayed in the red

1. Check continuity of fuse P110 located under the RH front seat (please refer to SSM 37318 for fuse location). If the fuse has failed, replace as necessary and check related wiring circuit for any signs of a potential cause, paying particular attention to the harness route around the red colour engine lifting bracket at the rear of the engine and the area around the Exhaust Gas Recirculation valve for signs of abrasion, rectify as necessary.
2. Check the integrity of the under bonnet earth points located on and around the bulkhead. If a fault was identified/ repaired, return the vehicle to the customer, if not continue to next step.
3. Check condition of the main relay located under the RH front seat looking for any signs of arcing or loose terminal connections to the relay. If a fault was identified repair as necessary and return the vehicle to the customer, if not continue to the next step.
4. Connect IDS/ SDD to the vehicle and check for any fault codes stored in the PCM, if the fault code P068a-00 only is present continue to step 5.

If the code is not present but there are other codes stored continue diagnosis as guided by SDD and repair as necessary, before returning the vehicle to the customer.

If P068a-00 and additional codes are stored continue with diagnosis of codes other than P068a-00 as guided by SDD and repair as necessary before continuing to the next step.

5. Remove the PCM module cover and with reference to photograph below, note the date code reference number and identify the build date of the PCM. If the build date is earlier than the 14th October 2009, replace the PCM with reference to GTR 18.30.03 and re-assess the vehicle, if the concern no longer appears and no further fault codes are stored in the PCM return the vehicle to the customer.

Please note: If the PCM build date is 14th October 2009 onwards there is no need to replace the PCM.

If the concern re-appears or the PCM has a build date of 14th October 2009 onwards, please submit a Technical Request for further advice.



Example Date Code

9J287

7=2007
8=2008
9=2009
0=2010

A=January
B=February
C=March
D=April
E=May
F=June
G=July
H=August
I=September
J=October
K=November
L=December

030=Day 30
050=Day 50
080=Day 80
110=Day 110
140=Day 140
170=Day 170
210=Day 210
240=Day 240
270=Day 270
300=Day 300
330=Day 330
360=Day 360

(may be printed as 2 or 3 digits)

Note: Please do not replace the PCM where the date code translates to the 14th October 2009 onwards.