

ELECTRICAL – LOW SPEED MANEUVERING GUIDANCE DEGRADATION

Issue

- When the vehicle is first started, PDC is fully operational (objects are detected and shown visibly on the PIVI HMI and audibly through the speakers).
- Once the vehicle reaches 16kph, the PDC turns off as the speed threshold for operation has been exceeded.
- As the vehicle slows below 16kph, a red box appears around the birds eye view on the PIVI HMI indicated that PDC has degraded, however the surround camera (birds eye view) continues to operate as designed.
- PDC audio warnings will not sound while in a degraded state with the red box shown.
- If the vehicle speeds up (above 16kph) then the red box disappears (as required because PDC is 'OFF') but returns when the vehicle slows back down (below 16kph).
- This remains for the ignition cycle and is only healed after another cold start.
- There are no NFSM DTC's stored

Technical Description

- This occurs due to the NFSM module receiving data outside of tolerance with regards to tire pressure information sent over the CAN network
- Tire pressures above 400kpa (58PSI) will cause the low speed maneuvering guidance to enter into a failed state once the vehicle travels above 16km/hr.

Status

- Ensure tire pressures are set to the vehicle specified values prior to performing additional diagnosis
Refer to SSM75939 for further details

22-23MY New Range Rover, New Range Rover Sport

