

Title

Steering Pump Operation on Model Year 17 Sport Series Vehicles

Description

Chassis – Steering - P13: 570S, 570S Spider, 570GT (MY17 vehicles only)
- Explanation of Sport Series MY17 vehicles steering pump behaviour

Tags

Steering, pump, EHPAS, Power steering, noise, jerking, PAS, full lock

Document Information

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Vehicles affected:

P13: 570S, 570S Spider, 570GT (MY17 vehicles only)

Location: Chassis – Steering

Concern: Steering wheel jerk

Condition: When steering held on full lock

Diagnostic Trouble Codes

N/A

Measure

On MY17 Sport Series vehicles, when the steering wheel is held on full lock, a jerking motion is felt pulling the steering wheel towards the centre. This is a characteristic of the vehicle and not a fault.

The jerking of the steering is the function of the power steering system having to de-rate the power steering pump. If you hold the steering on lock the pump cannot sustain the load and must start de-rating. The EHPAS SW is different on a MY17

compared to MY18. This electrical current threshold has been changed on MY18 vehicles to improve this condition and therefore this characteristic is present on newer vehicles.

Do not attempt to change the software to alter the operation of the EHPAS. Should a customer report a concern with the steering feedback, use the above to inform of the differences between the model years and explain that this is normal behaviour for this car.

MTI Updates Information

N/A

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