

Correct Fitment

PSP2300 / PSP2320 /PSP2340

THE PROBLEM

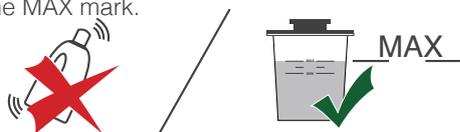
- Replacement of the Power steering pump for this particular series of engines can create concerning issues which relate to excessive noise and power steering fluid leaks in the system.

THE SOLUTION

- Bleed the system and check for leaks



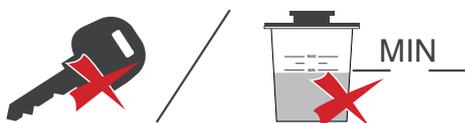
- When filling the power steering fluid, the fluid should be clean and not agitated prior to use. The fluid should be poured slowly into the reservoir to reduce aeration and the fluid level should be checked only when the fluid is cold. The fluid should be filled to the MAX mark.



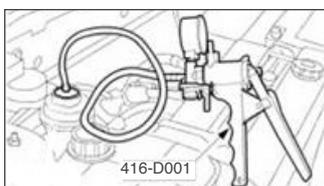
- The vehicle should be raised so that all four road wheels are clear of the floor.



- The **engine should not be started** at this stage. As air can enter the system, the fluid level should not fall below the MIN mark. The steering wheel should be turned slowly from lock to lock to ensure that the level is filled to the MAX mark.



- During system bleeding, the vacuum level in the power steering system will decrease. Using special tools (Ford Vacuum Tool 416-D001), a vacuum reading of 38cm-Hg should be maintained, if the vacuum decreases by more than 5cm-Hg in 5 minutes, the steering system should be checked for leaks.

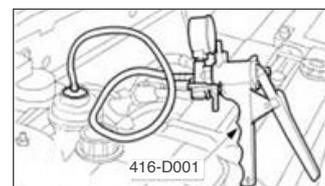


- Using Ford Vacuum Tool 416-D001, the steering system should be bled in the following sequence.

- Slowly turn the steering wheel from lock to lock once, then full lock to the right just before stop.



- Using Ford Vacuum Tool 416-D001 create a vacuum of 38cm-Hg, hold the vacuum until the air is emptied from the system.



- Release the vacuum.

- Repeat steps a-c but now full lock to the left just before stop.

- Remove the vacuum tool and fill the reservoir to the MAX mark if required.



- Start the engine and slowly turn the steering wheel from lock to lock and add power steering fluid to the MAX mark until the system is full.



- Switch off the engine and check the complete steering system for any external leaks. Check the fluid level and fill to the MAX mark if necessary.



- Repeat steps 6-9 in full.

- If the noise level is still unacceptable, the vehicle should be left standing overnight. Steps 6-9 should be repeated again.



BGA products are to be replaced by an experienced automotive installer. This information is to be used as reference only. Always seek manufacturer specification.