2012 Fiesta Diesel Engine DPF Regeneration Instructions

Product Model	Date	Number
X-431 Pro series	Nov. 17, 2015	——

Tested Model:

- Ford Fiesta, 2012, VIN=WF0CXXGAKCCT*****

NOTES:

After using the vehicle for a certain period of time, a large amount of diesel carbon particles is absorbed in the DPF. By this function, the engine runs at high speed for a long time and discharges high-temperature exhaust gas to burn up the diesel carbon particles absorbed in the DPF, bringing it back to normal standard.

Requirement:

Vehicle is with sufficient oil, and coolant temperature is above 65℃.

Stop the vehicle on a flat surface in the open air, better with the hood open. The engine temperature will be extremely high during the operation. The whole process usually lasts more than 30 minutes and the engine runs about 25 minutes under a high speed with great noise and excessive emission. Thus, it is suggested not performing this function indoors.

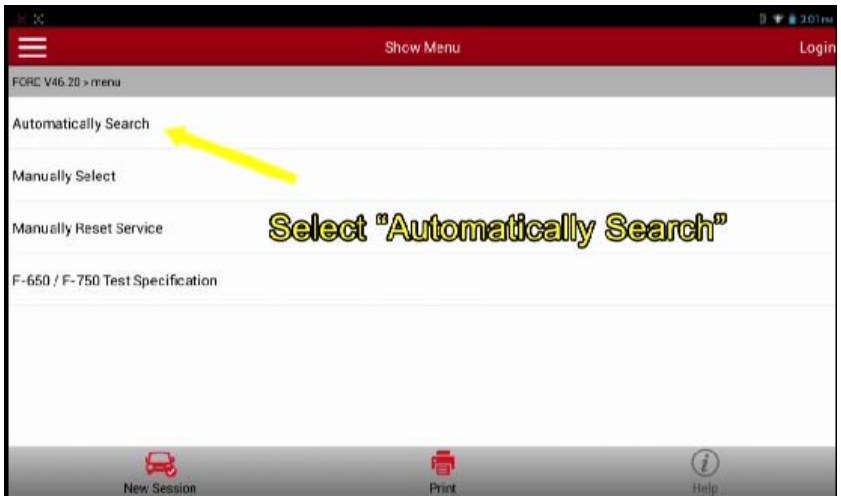
If the procedure interrupted, the engine may not be started within several minutes. This is normal. Wait for a period of time.

If the static regeneration failed after the first time, repeat this procedure twice. Because the filter may not be cleared to a normal level. If still failed after several attempts, the filter shall be replaced.

Operation Procedure:

1). Select Ford version above V45.20.

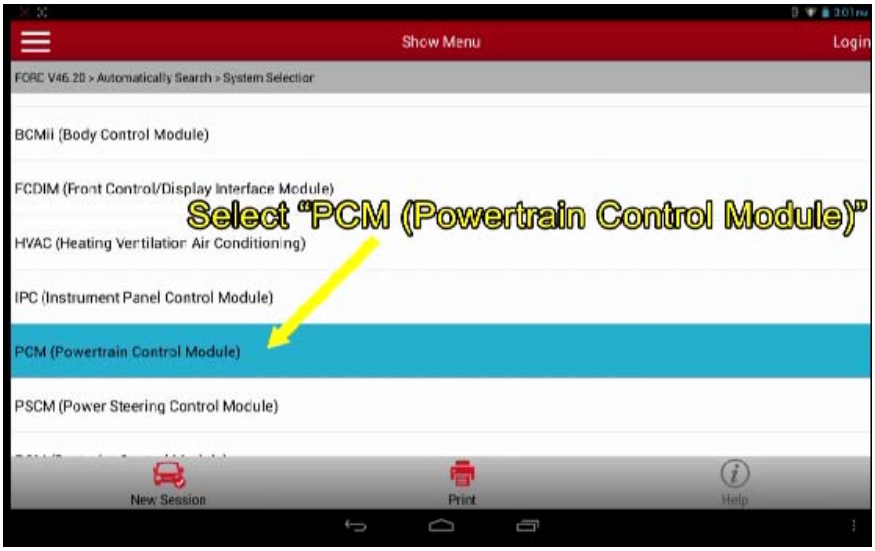
2). Select automatic search.



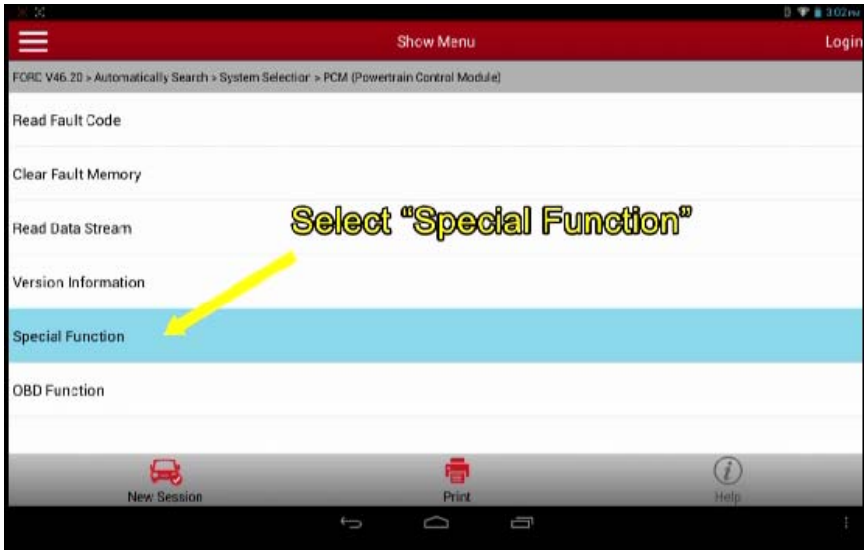
3).Select Fuel Type=Diesel

4).Select system selection.

5).Select PCM(Power Control Module).

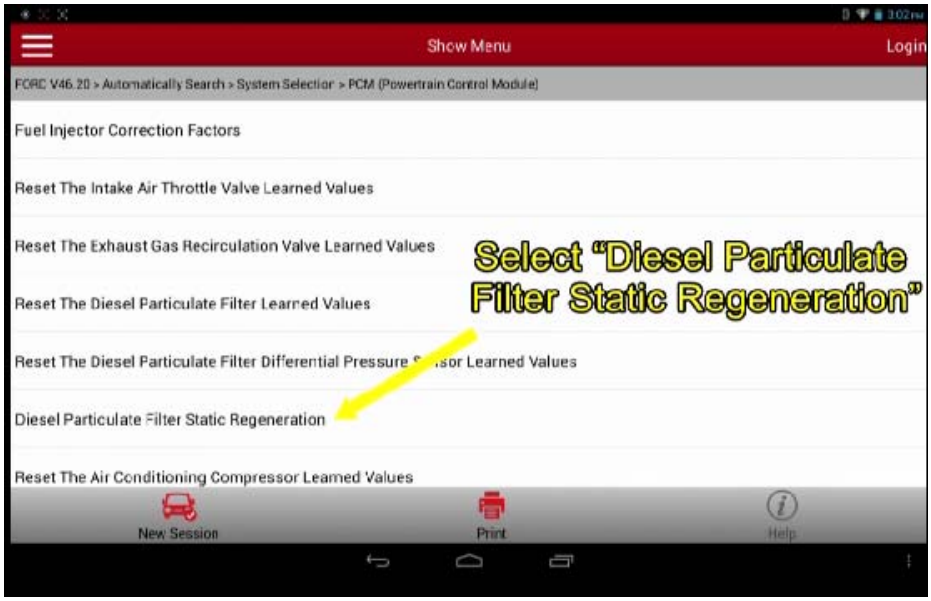


6).Select Special Function

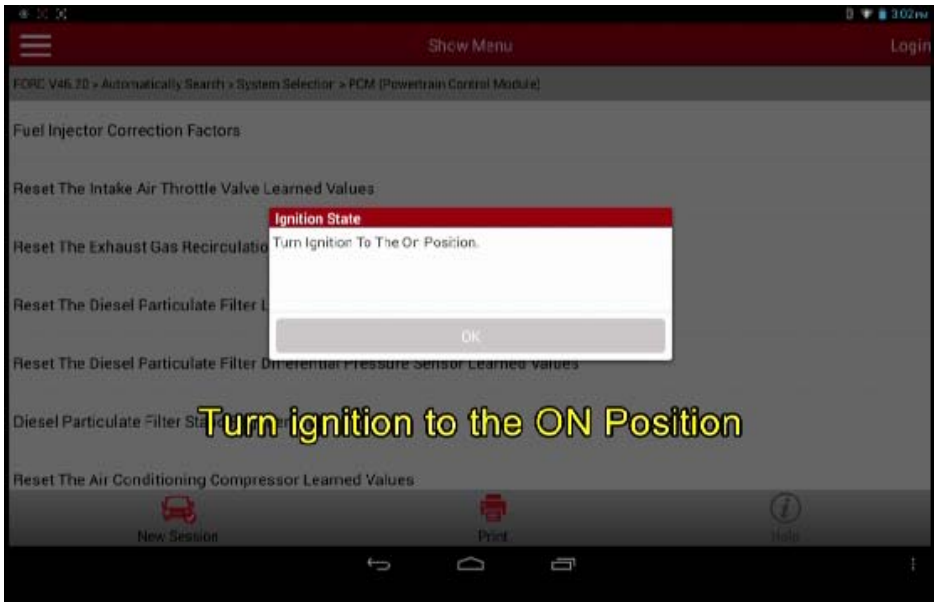


7).Select PCM Service Function

8).Select Diesel Particulate Filter Static Regeneration.



9).Place the Key at ON position, then read the DTC present in the PCM.



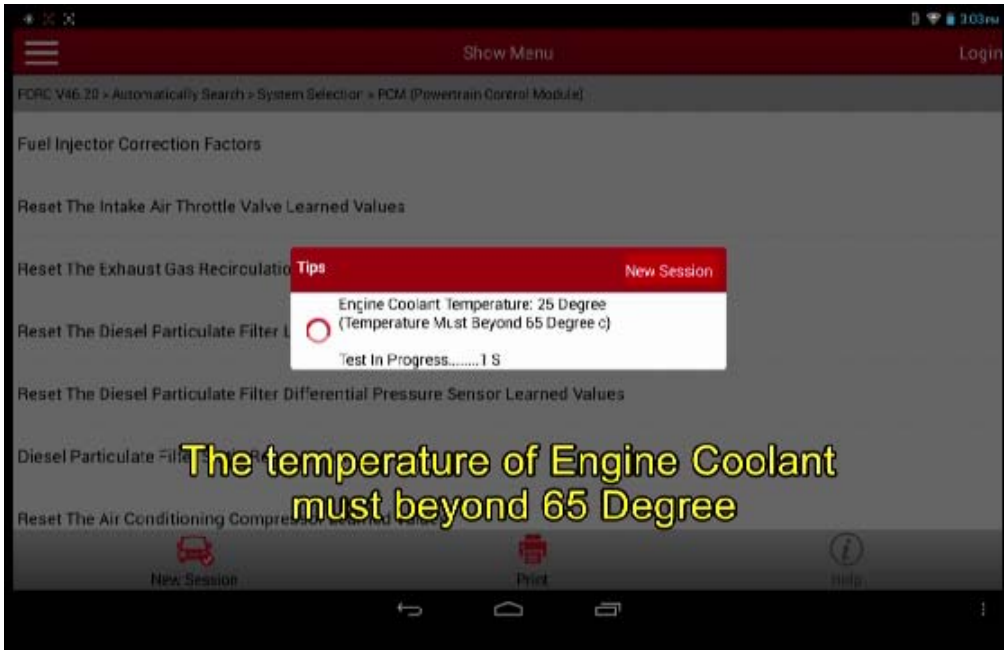
10). Turn the key to OFF as prompted. Read the requirements and notes to perform this function, Keep the vehicle stationary on a flat surface. The next step may last 25 minutes. Ensure nothing is near the exhaust pipe.

11). Ensure there's no combustible material or material whose surface may be damaged by the heat of exhaust system. Pay attention to the warning message.

12). After all conditions are satisfied, turn the switch ON, then start engine and monitor the engine coolant temperature, prompted.

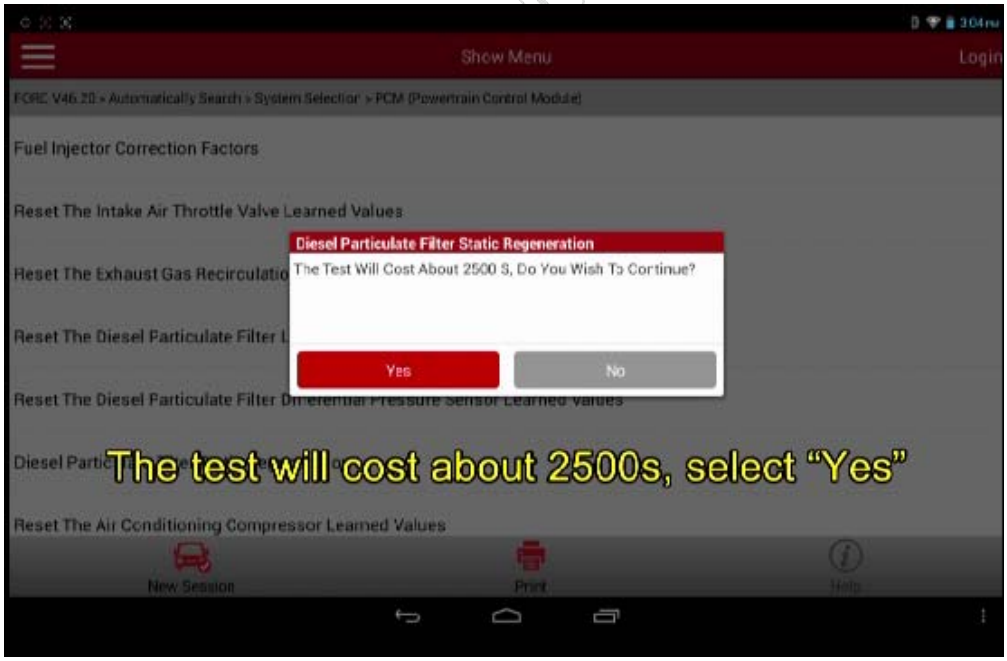
13). Keep monitoring engine coolant temperature.

14). As prompted, wait until the coolant temperature reaches 65℃.

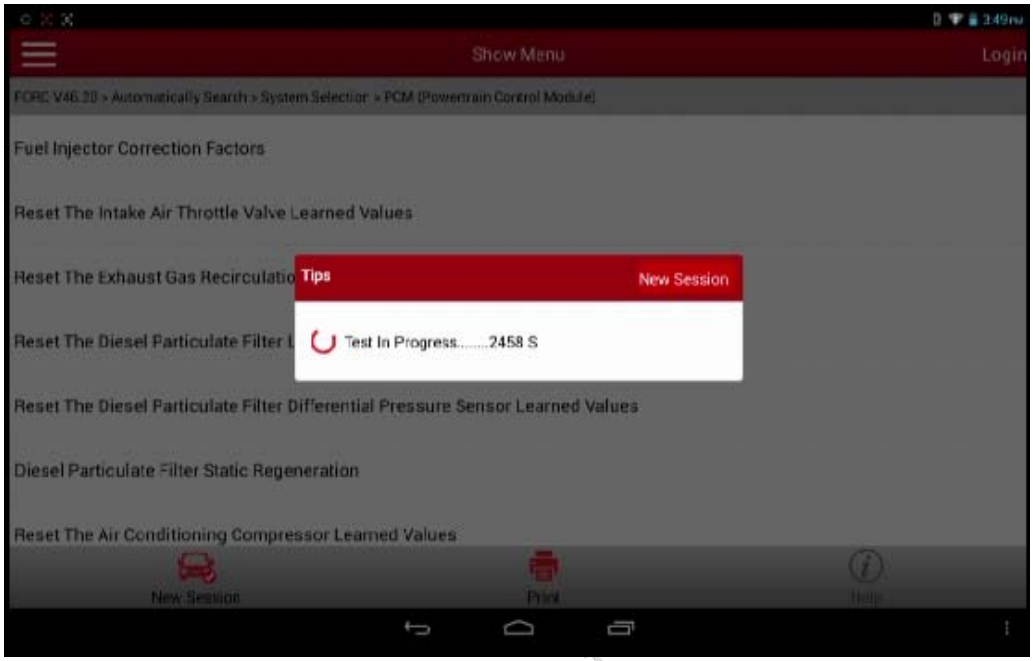


15). After the coolant temperature reached 65℃, the vehicle is ready for the static regeneration filter clearing. During the process, do not press the accelerator pedal, brake pedal and clutch pedal.

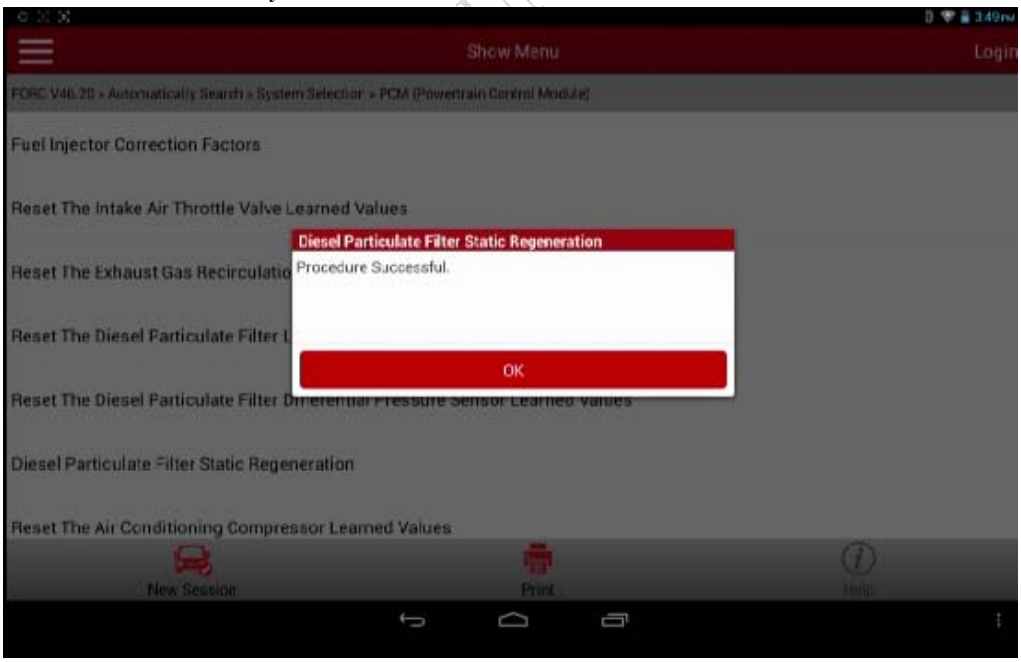
16). It prompts "The test may last 2500 seconds, are you sure to continue?" Click YES or NO according to the actual vehicle conditions.



17). After clicking YES, the vehicle enters preparation stage, which lasts several seconds or several minutes. Then the engine speed increases to a constant high speed (approx. 2500rpm). The engine runs about 25 minutes at this high speed before it decreases to idle. After idling for 100 seconds, it prompts you to turn the key to OFF position. Now, the static regeneration is executed successfully.



18). It prompts that the static regeneration is executed successfully. The procedure completed successfully.



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