

SUBARU

Various Subaru Models w/ 2.5L PZEV Emission Systems

Subject: P0420 Code before & after installing a replacement Catalytic Converter

Model(s): Legacy, Outback, Forester & Impreza

Year: 2000-2010

Condition: Catalyst Efficiency. Below threshold.

Cause(s): ECM Logic for the air/fuel ratio circuit not broad enough. Excess carbon.

Solution: Over the years Subaru has struggled with Catalyst efficiency codes and has several TSB's and Owner Notification Letters asking owners to bring their cars in for ECM software updates that address some of these issues.

These vehicles also have an engine carbon issue which migrates into the Converter inhibiting their ability to both store oxygen and reach proper operating temperatures. Vehicles exhibiting signs of excess carbon MUST have an engine de-carbonizing service performed before replacing the Catalytic Converter.

Procedure: Call the local Subaru dealer to verify that all ECM software updates have been completed. This MUST be done before replacing the Catalytic Converter.

Additional Help: Available from Davico Technical Assistance at 800-422-6046
Additional information: Subaru WWF-89 & WVM-23