

# SS 1023006 Successful Regen Reference for EPA 07 MBE 900 Engines

Summary: When reviewing a parked regen with DDDL, it is important to know what parameters to monitor, and what normal results look like. This guide will assist with diagnosing regen related codes and issues for EPA 07 MBE 900 Engines.

Engine Speed	1200 rpm
Fuel Cut Off Valve	100%
Actual Torque Load	around 5%
Throttle Valve Actual	NOT USED DURING A PARKED REGEN
Fuel Comp Pressure	85 – 92 psi
Doser Fuel Line Pressure	20 – 40 psi
DPF Outlet Temp	1000 – 1150° F
DOC Inlet Temp	700 – 950° F
DOC Outlet Temp	1050 – 1150° F
DPF Inlet Pressure	0.5 psi – 1.0 psi
DPF Outlet Pressure	0.01 psi to 0.9 psi
Doser Injection Status	gradual increase from 5% to 45% <ul style="list-style-type: none"> <li>• DOC inlet temp must be at 525° F or higher to dose fuel</li> <li>• If over 50% and Doser line pressure is above 50 psi, this indicates a doser injector obstruction</li> </ul>
EGR Actual Valve	5%
SW4	On/Enabled/True (if the exhaust flap is controlled by chassis air supply)
SRA2	0 (if the exhaust flap is controlled by a smart remote actuator)