Inferred EBP WDS PID Reference

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Inferred EBP WDS PIDs

- EBP_G_INF
- EBP_INF_F
- VGTLRN_OK
- P132B_STK
- P132B_CM
- P132B_VAR

Inferred EBP WDS PIDs

PID name: EBP_G_INF

PID definition: Inferred Exhaust Back Pressure

PID description: EBP_G_INF represents the calculated gage pressure in the exhaust system. It is equivalent to the EBP_G PID value used on sensor equipped vehicles. The reading is only valid when the engine is running. This parameter should be accessed when conducting the KA Pinpoint Test.

Expected Range: This value can range from 9-52 PSI (60 – 360 kPa)

Inferred EBP WDS PIDs

PID name: EBP_INF_F

PID definition: Inferred EBP learn fault detected

PID description: EBP_INF_F indicates that an engine sensor fault was detected that will prevent the turbo learn cycle from executing. Critical sensor inputs include, BARO, MAP, MAF and EOT. Check continuous memory DTC's and repair sensor components as necessary.

Expected Range: YES indicates sensor faults are detected, NO indicates there are not sensor faults detected.

Inferred EBP WDS PIDs

PID name: P132B_STK

PID definition: MAP pressure change not detected during learn process

PID description: P132B_STK indicates that an unacceptable MAP change was detected during the turbo learn process. Possible causes include sticking/stuck turbo vanes, excessive intake system leak, MAP sensor/hose concern, and exhaust system leak. Refer to appropriate diagnostic procedure to address particular concern.

Expected Range: YES indicates a system concern exists. NO indicates a concern does not exist.

Inferred EBP WDS PIDs

PID name: P132B_CM

PID definition: P132B fault detected by PCM

PID description: P132B_CM indicates that a P132B fault was detected by the diagnostic monitor during normal operating conditions. Refer to updated online PC/ED for P132B diagnostic procedure.

Expected Range: YES indicates a fault was detected. NO indicates a concern was not detected.

Inferred EBP WDS PIDs

PID name: P132B_VAR

PID definition: Excessive variance detected during learn process

PID description: P132B_VAR indicates that an excessive variance is detected between turbocharger learn events. If a learned value from one learn cycle varies drastically on a subsequent learn cycle an issue is identified. Refer Pinpoint Test KA for diagnostic procedure related to turbocharger system performance.

Expected Range: YES indicates a fault was detected. NO indicates a concern was not detected.

Inferred EBP WDS PIDs

PID name: VGTLRN_OK

PID definition: Turbo position learn status

PID description: VGTLRN_OK indicates that the required number of turbo learn cycles been completed. The VGTLRN_OK is updated when the PCM has performed the minimum number of learned cycles to achieve optimum turbo performance.

Expected Range: YES indicates the turbo system learn cycles are satisfied. NO indicates the learn is not compete. This value is initialized to NO following a KAM clear or Continuous Memory DTC clear.