

DTC	FAULT DESCRIPTION	MONITORING CONDITIONS	OBD II	CK ENG	OTHER	DEFAULT ACTION	POSSIBLE CAUSES
P1313	Misfire rate catalyst damage A bank (1) NOTE: This DTC will flag only when accompanied by an individual cylinder misfire DTC: P0300 – P0308.	Engine at normal operating temperature; IAT > 18 °F (-8 °C); drive at steady speed between idle – 2500 rpm; > 2 minutes 30 seconds Surface elevation < 8,000 ft (2,438 m)	Y	1	1 [A, M]	When CK ENG MIL is activated (DTC flagged; second trip), ECM: – Limits engine speed to 3000 rpm – Inhibits A bank closed loop fuel metering – Inhibits A bank adaptive fuel metering – Inhibits canister purge	Cylinder compression low Worn camshaft / broken valve spring(s) Fuel delivery pressure (low / high) Fuel injector(s) blocked / leaking Fuel injector(s) continuously open Fuel contamination Fuel injector circuit fault(s) (Injector DTCs also flagged) Spark plug failure / fouled / incorrect gap ECM to ignition module primary circuit fault(s) (Cylinder misfire detected DTC also flagged) Ignition module ground circuit open circuit, high resistance Ignition module / coil failure
P1314	Misfire rate catalyst damage B bank (2) NOTE: This DTC will flag only when accompanied by an individual cylinder misfire DTC: P0300 – P0308.	Engine at normal operating temperature; IAT > 18 °F (-8 °C); drive at steady speed between idle – 2500 rpm; > 2 minutes 30 seconds Surface elevation < 8,000 ft (2,438 m)	Y	1	1 [A, M]	When CK ENG MIL is activated (DTC flagged; second trip), ECM: – Limits engine speed to 3000 rpm – Inhibits B bank closed loop fuel metering – Inhibits B bank adaptive fuel metering – Inhibits canister purge	Refer to P1313 Possible Causes
P1316	Misfire excess emission NOTE: This DTC will flag only when accompanied by an individual cylinder misfire DTC: P0300 – P0308.	Engine at normal operating temperature; IAT > 18 °F (-8 °C); drive at steady speed between idle – 2500 rpm; > 2 minutes 30 seconds Surface elevation < 8,000 ft (2,438 m)	Y	1	1 [A, M]	When CK ENG MIL is activated (DTC flagged; second trip), ECM: – Limits engine speed to 3000 rpm – Inhibits closed loop fuel metering – Inhibits adaptive fuel metering – Inhibits canister purge	Refer to P1313 Possible Causes