

JAGUAR X-Type DTC

DTC	SYS	FAULT DESCRIPTION	MONITORING CONDITIONS	CK ENG	OTHER	DEFAULT ACTION	CM PIN	POSSIBLE CAUSES
P1313	EMS OBD II	Misfire rate catalyst damage – bank 1 NOTE: This DTC will flag only when accompanied by an individual cylinder misfire DTC: P0300 – P0306	Misfire monitor drive cycle – page 5	2	A	ECM Default: – Maximum engine speed reduced	—	Cylinder compression low Worn camshaft / broken valve spring(s) Fuel delivery pressure (low / high) Fuel injector(s) restricted / 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 coil primary circuit fault (Cylinder misfire detected DTC also flagged) Ignition coil failure
P0300	EMS OBD II	Random misfire detected *Refer to Misfire Note, page 5	Misfire monitor drive cycle – page 5	1 or 2*	N	None	—	Cylinder compression low Worn camshaft / broken valve spring(s) Fuel delivery pressure (low / high) Fuel injector(s) restricted / 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 coil primary circuit fault (Cylinder misfire detected DTC also flagged) Ignition coil failure

P0301	EMS OBD II	Misfire detected – cylinder 1 *Refer to Misfire Note, page 5	Misfire monitor drive cycle – page 5	1 or 2*	N	None	—	Refer to P0300 Possible Causes
P0302	EMS OBD II	Misfire detected – cylinder 2 *Refer to Misfire Note, page 5	Misfire monitor drive cycle – page 5	1 or 2*	N	None	—	Refer to P0300 Possible Causes
P0303	EMS OBD II	Misfire detected – cylinder 3 *Refer to Misfire Note, page 5	Misfire monitor drive cycle – page 5	1 or 2*	N	None	—	Refer to P0300 Possible Causes
P0304	EMS OBD II	Misfire detected – cylinder 4 *Refer to Misfire Note, page 5	Misfire monitor drive cycle – page 5	1 or 2*	N	None	—	Refer to P0300 Possible Causes
P0305	EMS OBD II	Misfire detected – cylinder 5 *Refer to Misfire Note, page 5	Misfire monitor drive cycle – page 5	1 or 2*	N	None	—	Refer to P0300 Possible Causes
P0306	EMS OBD II	Misfire detected – cylinder 6 *Refer to Misfire Note, page 5	Misfire monitor drive cycle – page 5	1 or 2*	N	None	—	Refer to P0300 Possible Causes

Note regarding misfire monitor DTCs:

If on the first trip, the misfire is severe enough to cause excess exhaust emission, the individual cylinder DTC plus DTC P1316 will be logged. The CHECK ENGINE MIL will not be activated. If the fault reoccurs on the second trip, the individual cylinder DTC plus DTC P1316 will be flagged, and the CHECK ENGINE MIL will be activated.

If on the first trip, the misfire is severe enough to cause catalyst damage (more severe than excess exhaust emission), the CHECK ENGINE MIL will flash while the fault is present and the individual cylinder DTC plus DTC P1313 (bank 1), DTC P1314 (bank 2) will be logged. When the fault is no longer present the MIL will be deactivated. If the fault reoccurs on the second trip, the CHECK ENGINE MIL will flash while the fault is present and the individual cylinder DTC plus DTC P1313 (bank 1), DTC P1314 (bank 2) will be flagged. When the fault is no longer present the CHECK ENGINE MIL will be activated.