



45788 - Some Vehicles Could Exhibit Misfire Codes After Certain Repairs - Multiple Vehic

Some vehicles equipped with On Board Diagnostics (OBD) misfire monitor neutral profile learning capabilities may experience the MIL illuminating or flashing, accompanied by one or more engine misfire related codes(P030X). These faults can be a result of the crankshaft position sensor profile (MP_LRN) not being relearned after engine and transmission repairs. The MP_LRN data is no longer cleared with a battery disconnect. In order to properly reset the Misfire Profile, a KAM clear must be performed. Repairs that can require relearning of the MP_LRN data with IDS include: crank sensor, trigger wheel, engine timing, and any time the engine or transmission (including DPS6) is removed. From the IDS toolbox select "Powertrain", "Service Functions", then "Misfire Monitor Neutral Profile Correction" and follow the on screen prompts.