2012-2016 MAZDA3, 2013-2015 CX-5, 2014-2015 MAZDA6 - DO NOT REPROGRAM PCM USING IDS VERSIONS 105.02 TO 105.04

SA NUMBER: SA-060/17

DESCRIPTION

Some 2012-2016 Mazda3s, 2013-2015 CX-5s and 2014-2015 Mazda6s may experience the Check Engine Light ON with DTC P0101 and/or P061B and/or driveability problem after reprogramming the PCM using IDS versions 105.02 to 105.04. If the PCM is reprogrammed with any software number included in the attached file and the throttle valve has too much carbon build up, the engine air amount calculation by the problem software may not be accurate. Perform the following Repair Procedure to correct this issue.
NOTE Current version of IDS is 106.02.

REPAIR PROCEDURE

1. Disconnect the negative battery terminal.
NOTE: In order to reset learning of the value of throttle valve, do not skip this process.
2. Remove the throttle valve from intake-manifold and remove any carbon on it by using a throttle body cleaner.
NOTE: DO NOT spray any cleaner directly on the throttle valve to protect it. Spray the cleaner on a cloth and gently wipe off the carbon on both side of the throttle valve.
3. Install the throttle valve and connect the negative battery terminal.
4. Clear the DTCs.
5. Test drive the vehice, including sufficient acceleration and deceleration.
    - If no DTC is stored, release the vehicle.
    - If the DTCs is stored again, diagnose according to WSM.

Software List

Problem software list

13-16MY Mazda3	13-15MY CX5	14-15MY Mazda6
PUYG-188K2-C	PUYR-188K2-C	PYXS-188K2-A
PUYH-188K2-B	PUYX-188K2-C	PZY2-188K2-A
PSZG-188K2-E	PUYS-188K2-C	PYXT-188K2-A
PSZH-188K2-E	PUYZ-188K2-C	PZY3-188K2-A
PSZJ-188K2-E	PUYT-188K2-C	PYXW-188K2-A
PSZK-188K2-E	PUZ0-188K2-C	PZY4-188K2-A
PEAA-188K2-F	PUYW-188K2-C	PY8A-188K2-E
PE18-188K2-F	PUZ1-188K2-C	PY8C-188K2-E
PEAB-188K2-E	PYXH-188K2-A	PY8B-188K2-E
PE19-188K2-E	PYXM-188K2-A	PY8D-188K2-E
PY2L-188K2-E	PYXJ-188K2-A	PY1G-188K2-J
PY08-188K2-E	PYXN-188K2-A	PY1T-188K2-J
PY2S-188K2-G	PYXK-188K2-A	PYXX-188K2-A
PYFJ-188K2-B	PYXP-188K2-A	PZY5-188K2-A
PY2P-188K2-G	PYXL-188K2-A	PYXZ-188K2-A
PYFG-188K2-B	PYXR-188K2-A	PZY6-188K2-A
PYBF-188K2-D	PUZ2-188K2-C	PZY1-188K2-A
PYBE-188K2-D	PUZ4-188K2-C	PZY7-188K2-A
PEAC-188K2-F	PE02-188K2-R	PZZ4-188K2-A
PE5J-188K2-F	PE1H-188K2-P	PZZ6-188K2-A
PEAD-188K2-E	PE1B-188K2-R	PZZ5-188K2-A
PE5K-188K2-E	PE1K-188K2-P	PZZ7-188K2-A
PYBH-188K2-C	PUZ3-188K2-C	
PYBG-188K2-C	PUZ5-188K2-C	
PY2N-188K2-E	PE1D-188K2-R	
PY2J-188K2-E	PE1M-188K2-P	
PY2T-188K2-G	PE1F-188K2-R	
PYFK-188K2-B	PE1P-188K2-P	
PY2R-188K2-G	PEBG-188K2-E	
PYFH-188K2-B	PECJ-188K2-E	
PELA-188K2-D	PY5L-188K2-E	
PELB-188K2-D	PY5N-188K2-E	
PELC-188K2-D	PY5M-188K2-E	
PELD-188K2-D	PY5P-188K2-E	
PS4M-188K2-A	PE2N-188K2-J	
PS4X-188K2-A	PE2S-188K2-H	
PS4N-188K2-A	PE2P-188K2-K	
PS5A-188K2-A	PE2T-188K2-J	
PYHP-188K2-A	PE2R-188K2-K	
PYHX-188K2-A	PE2V-188K2-J	
PYHR-188K2-A		
PYJA-188K2-A		

PYHS-188K2-A
PYJB-188K2-A
PS4P-188K2-A
PS5B-188K2-A
PS4R-188K2-A
PS5C-188K2-A
PYHT-188K2-A
PYJC-188K2-A
PYHV-188K2-A
PYJD-188K2-A
PYHW-188K2-A
PYJE-188K2-A
PYBK-188K2-C
PYBJ-188K2-C
PY8F-188K2-D
PY8E-188K2-D
PEDK-188K2-D
PEDJ-188K2-E
PEDH-188K2-D
PEDG-188K2-E
PEDP-188K2-D
PEDN-188K2-E
PEDM-188K2-D
PEDL-188K2-E
PEGP-188K2-C
PEGS-188K2-C
PEGN-188K2-C
PEGR-188K2-C
PELE-188K2-D
PELG-188K2-D
PELH-188K2-D
PS4S-188K2-A
PS5D-188K2-A
PS4T-188K2-A
PS5E-188K2-A
PS4V-188K2-A
PS5F-188K2-A
PS4W-188K2-A
PS5G-188K2-A