



DTB

Date: November 19, 2008
Order No.: S-B-07.61/72a
Supersedes: P-B-07.61/72 and T-B-07.61/73 dated July 10, 2007
Group: 07

Revision History

Revision	Date	Purpose
a	11/19/08	Note on Page 2 Updated (Ignition Coil Statement)
-	7/10/07	Initial issue

SUBJECT: Model 129.068
Model 163.154/157/172/175
Model 164.172/175/186/871/886
Model 170.465
Model 171.454/456
Model 202.029
Model 203.040/052/054/056/061/064/081/084/087/092/261/264/281/284/740/764
Model 204.054/056
Model 208.365/370/465/470
Model 209.356/365/372/375/456/465/472/475
Model 210.065/070/082/083/265/282
Model 211.056/065/070/072/082/083/087/090/256/265/282/283/287
Model 215.375
Model 216.371
Model 219.372/375
Model 220.067/070/083/170/175/183/184
Model 221.171/186
Model 230.471/475
Model 251.156/165/175
Model 463.249
Diagnosis in DAS for Misfire Fault Codes

This bulletin has been created and maintained in accordance with MBUSA-SLP S423QH001, Document and Data Control, and MBUSA-SLP S424HH001, Control of Quality Records.

If you receive customer reports in the above model vehicles concerning combustion misfiring, process the faults using the guided diagnosis in DAS. A guided diagnosis program for the fault codes listed below is available in DAS as of DVD 03/2007.



Note: Only parts indicated by the SDS test may be replaced. The engine control unit must not be replaced in the case of the fault codes listed below. If the guided test does not indicate there is a malfunctioning ignition coil, do not replace the ignition coil. All other components being replaced and requested by the QEC for inspection must be accompanied by full supporting documentation (i.e. control unit log, short test and fault code / freeze frame data from other related control modules). If the documentation is missing or does not support the diagnosis, the warranty claim may be debited.

Control Module – ME9.7 (Models 163, 164, 171, 203, 204, 209, 211, 216, 219, 230, 251 and 463)	
Fault code	Fault text (as displayed in DAS)
629	Misfiring (P0300)
630	Misfiring (P0300)
632	Misfiring (P0300)
633	Misfiring of cylinder 1: Damages TWC (P0301) ([M272_KE])
633	Misfiring of cylinder 1: Damages TWC (P0301) ([M273_KE])
634	Misfiring of cylinder 1: Worsening of exhaust emission values (P301) ([M273_KE])
634	Misfiring of cylinder 2: Worsening of exhaust emission values (P302) ([M273_KE])
636	Misfiring of cylinder 1: Worsening of exhaust emission values after engine start (P301) ([M273_KE])
636	Misfiring of cylinder 1: Worsening of exhaust emission values after engine start (P301) ([M272_KE])
637	Misfiring of cylinder 4: Damages TWC (P0304) ([M272_KE])
637	Misfiring of cylinder 5: Damages TWC (P0305) ([M273_KE])
638	Misfiring of cylinder 4: Worsening of exhaust emission values (P304) ([M272_KE])
638	Misfiring of cylinder 5: Worsening of exhaust emission values (P305) ([M273_KE])
640	Misfiring of cylinder 4: Worsening of exhaust emission values after engine start (P0304) ([M272_KE])
640	Misfiring of cylinder 5: Worsening of exhaust emission values after engine start (P305) ([M273_KE])
641	Misfiring of cylinder 3: Damages TWC (P0303) ([M272_KE])
641	Misfiring of cylinder 4: Damages TWC (P0304) ([M273_KE])

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Control Module – ME9.7 (Models 163, 164, 171, 203, 204, 209, 211, 216, 219, 230, 251 and 463)	
Fault code	Fault text (as displayed in DAS)
642	Misfiring of cylinder 4: Worsening of exhaust emission values (P304) ([M273_KE])
642	Misfiring of cylinder 3: Worsening of exhaust emission values (P303) ([M272_KE])
644	Misfiring of cylinder 4: Worsening of exhaust emission values after engine start (P0304) ([M273_KE])
644	Misfiring of cylinder 3: Worsening of exhaust emission values after engine start (P303) ([M272_KE])
645	Misfiring of cylinder 6: Damages TWC (P0306) ([M272_KE])
645	Misfiring of cylinder 2: Damages TWC (P0302) ([M273_KE])
646	Misfiring of cylinder 6: Worsening of exhaust emission values (P0306) ([M272_KE])
646	Misfiring of cylinder 1: Worsening of exhaust emission values (P301) ([M273_KE])
648	Misfiring of cylinder 2: Worsening of exhaust emission values after engine start (P302) ([M273_KE])
648	Misfiring of cylinder 6: Worsening of exhaust emission values after engine start (P306) ([M272_KE])
649	Misfiring of cylinder 6: Damages TWC (P0306) ([M273_KE])
649	Misfiring of cylinder 2: Damages TWC (P0302) ([M272_KE])
650	Misfiring of cylinder 6: Worsening of exhaust emission values (P306) ([M273_KE])
650	Misfiring of cylinder 3: Worsening of exhaust emission values (P303) ([M273_KE])
652	Misfiring of cylinder 6: Worsening of exhaust emission values after engine start (P306) ([M273_KE])
652	Misfiring of cylinder 2: Worsening of exhaust emission values after engine start (P302) ([M272_KE])
653	Misfiring of cylinder 5: Damages TWC (P0305) ([M272_KE])
653	Misfiring of cylinder 3: Damages TWC (P0303) ([M273_KE])
654	Misfiring of cylinder 5: Worsening of exhaust emission values (P305) ([M272_KE])
654	Misfiring of cylinder 2: Worsening of exhaust emission values (P302) ([M272_KE])
656	Misfiring of cylinder 5: Worsening of exhaust emission values after engine start (P0305) ([M272_KE])
656	Misfiring of cylinder 3: Worsening of exhaust emission values after engine start (P303) ([M273_KE])
657	Misfiring of cylinder 7: Damages TWC (P0307) ([M273_KE])

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Control Module – ME9.7 (Models 163, 164, 171, 203, 204, 209, 211, 216, 219, 230, 251 and 463)

Fault code	Fault text (as displayed in DAS)
658	Misfiring of cylinder 7: Worsening of exhaust emission values (P307) ([M273_KE])
660	Misfiring of cylinder 7: Worsening of exhaust emission values after engine start (P307) ([M273_KE])
661	Misfiring of cylinder 8: Damages TWC (P0308) ([M273_KE])
662	Misfiring of cylinder 8: Worsening of exhaust emission values (P308) ([M273_KE])
664	Misfiring of cylinder 8: Worsening of exhaust emission values after engine start (P308) ([M273_KE])

Control Module – ME-SFI (Models 171, 203, 209 and 211)	
Fault Code	Fault Text (as displayed in DAS)
201A (001)	Misfiring of cylinder 1, damages TWC [P0301]
201A (002)	Misfiring of cylinder 3, damages TWC [P0303]
201A (004)	Misfiring of cylinder 4, damages TWC [P0304]
201A (008)	Misfiring of cylinder 2, damages TWC [P0302]
201A (016)	Misfiring of cylinder 1, damages TWC Fuel Deficiency
201A (032)	Misfiring of cylinder 3, damages TWC Fuel Deficiency
201A (032)	Misfiring of cylinder 3: Fuel deficiency
201A (064)	Misfiring of cylinder 4, damages TWC Fuel Deficiency
201A (128)	Misfiring of cylinder 2, damages TWC Fuel Deficiency
201B (001)	Misfiring of cylinder 1 [P0301]
201B (002)	Misfiring of cylinder 3 [P0303]
201B (004)	Misfiring of cylinder 4 [P0304]
201B (008)	Misfiring of cylinder 2 [P0302]
201B (016)	Misfiring of cylinder 1: Fuel Deficiency
201B (064)	Misfiring of cylinder 4: Fuel deficiency
201B (128)	Misfiring of cylinder 2: Fuel Deficiency

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Control Module – ME-SFI 2.8 (Models 163, 164, 170, 202, 203, 208, 209, 210, 211, 215, 219, 220, 230, 251 and 463)	
Fault Code	Fault Text (as displayed in DAS)
P2043	Misfiring (See currently valid STIP) (P0300)
P2044	Misfiring of cylinder 1 (See currently valid STIP) (P0301) ([M112*])
P2044	Misfiring of cylinder 1 (See currently valid STIP) (P0301) ([M113*])
P2045	Misfiring of cylinder 5 (See currently valid STIP) (P0305) ([M113*])
P2045	Misfiring of cylinder 4 (See currently valid STIP) (P0304) ([M112*])
P2046	Misfiring of cylinder 4 (See currently valid STIP) (P0304) ([M113*])
P2046	Misfiring of cylinder 3 (See currently valid STIP) (P0303) ([M112*])
P2047	Misfiring of cylinder 6 (See currently valid STIP) (P0306) ([M112*])
P2047	Misfiring of cylinder 2 (See currently valid STIP) (P0302) ([M113*])
P2048	Misfiring of cylinder 2 (See currently valid STIP) (P0302) ([M112*])
P2048	Misfiring of cylinder 6 (See currently valid STIP) (P0306) ([M113*])
P2049	Misfiring of cylinder 5 (See currently valid STIP) (P0305) ([M112*])
P2049	Misfiring of cylinder 3 (See currently valid STIP) (P0303) ([M113*])
P204A	Misfiring of cylinder 7 (See currently valid STIP) (P0307) ([M113*])
P204B	Misfiring of cylinder 8 (See currently valid STIP) (P0308) ([M113*])
P2050	Misfiring, damages TWC (See currently valid STIP) (P0300)
P2051	Misfiring of cylinder 1, damages TWC (See currently valid STIP) (P0301) ([M112*])
P2051	Misfiring of cylinder 1, damages TWC (See currently valid STIP) (P0301) ([M113*])
P2052	Misfiring of cylinder 4, damages TWC (See currently valid STIP) (P0304) ([M112*])
P2052	Misfiring of cylinder 5, damages TWC (See currently valid STIP) (P0305) ([M113*])
P2053	Misfiring of cylinder 3, damages TWC (See currently valid STIP) (P0303) ([M112*])
P2053	Misfiring of cylinder 4, damages TWC (See currently valid STIP) (P0304) ([M113*])
P2054	Misfiring of cylinder 6, damages TWC (See currently valid STIP) (P0306) ([M112*])
P2054	Misfiring of cylinder 2, damages TWC (See currently valid STIP) (P0302) ([M113*])
P2055	Misfiring of cylinder 2, damages TWC (See currently valid STIP) (P0302) ([M112*])
P2055	Misfiring of cylinder 6, damages TWC (See currently valid STIP) (P0306) ([M113*])
P2056	Misfiring of cylinder 3, damages TWC (See currently valid STIP) (P0303) ([M113*])
P2056	Misfiring of cylinder 5, damages TWC (See currently valid STIP) (P0305) ([M112*])
P2057	Misfiring of cylinder 7, damages TWC (See currently valid STIP) (P0307) ([M113*])
P2058	Misfiring of cylinder 8, damages TWC (See currently valid STIP) (P0308) ([M113*])