



Total Car Care Technical Service Bulletins



Manufacturer: Mazda (TSB-01-026/11)

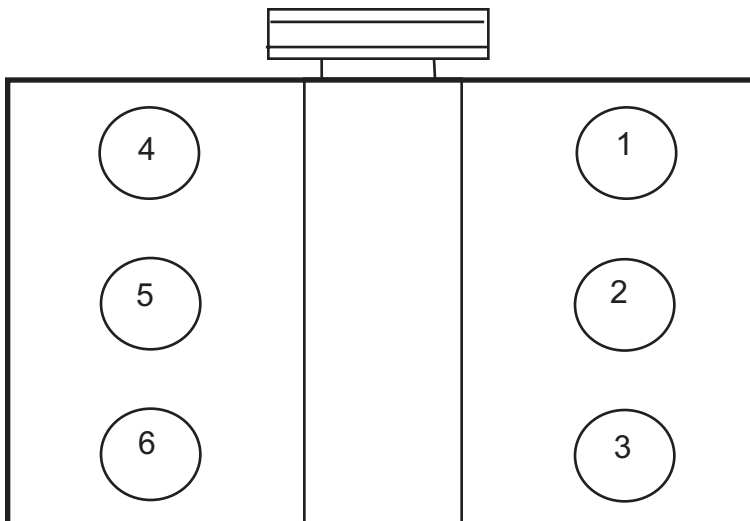
TCC Group: 07 -27 -0811

Subject: Engine Rough Idle and MIL On with DTC P0351, P0352, P0353, P0354, P0355, P0356

Model: 2007-2009 CX-9 with VINs lower than JM3TB****8*164257 (produced before July 1, 2009)

Issue: Some vehicles may experience a rough idle and MIL illumination with one or more of DTC's P0351, P0352, P0353, P0354, P0355, P0356 stored in the Powertrain Control Module (PCM) memory. In some cases, ignition coil (IC) damage may be found.

DTC	Description	Note
P0351	Ignition Coil No.1 primary/secondary circuit	RH (right hand)
P0352	Ignition Coil No. 2 primary/secondary circuit	
P0353	Ignition Coil No. 3 primary/secondary circuit	
P0354	Ignition Coil No. 4 primary/secondary circuit	LH (left hand)
P0355	Ignition Coil No. 5 primary/secondary circuit	
P0356	Ignition Coil No. 6 primary/secondary circuit	



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Repair Procedure:

1. Verify customer concern.
2. Check the ignition coil circuit integrity for the concerned cylinder.
Refer to DirecTechPRO/ALLDATA.
 - Ignition coil connector or terminal malfunction.
 - PCM connector or terminal malfunction.
 - Open circuit between ignition coil terminal and PCM terminal.
 - Short to power supply between ignition coil terminal and PCM terminal.
3. If no trouble is found on the items shown above, replace the PCM and the ignition coil(s) related to the stored DTC. Refer to DirecTechPRO/ALLDATA.
4. Verify Repair.