
MB: OBD II Readiness Code

MB1 DIAGNOSTIC TROUBLE CODE P1000

Note: If power to the PCM is disconnected, P1000 will be set until the OBD II monitors have run and cleared.

- Diagnostic code P1000 indicates that operating conditions have not been satisfied for all of the OBD II monitors to run.
- Possible causes:
 - drive conditions not satisfied
 - KAM cleared
 - damaged PCM
- Perform all self tests and check continuous codes.

Are DTCs other than P1000 set?

Yes	No
REPAIR other DTCs according to appropriate pinpoint test before continuing.	GO to MB2 .

MB2 PERFORM MANUFACTURER-SPECIFIED DIESEL DRIVE CYCLE

- Perform diesel drive cycle. Refer to [Section 2](#) .

Is P1000 cleared?

Yes	No
No issue; DTC P1000 cleared.	GO to MB3 .

MB3 VERIFY CERTAIN OPERATING CONDITIONS HAVE BEEN SATISFIED

- Using scan tool, monitor EOT, IVPWR and GPC. If vehicle is started and EOT is below 55°C (131°F) for F-Series or 30°C (86°F) for Econoline, IVPWR must be between 11.5v and 14v until the glow plug duty cycle is 0%.
- Using scan tool, monitor MFDES and rpm at full load. MFDES must be above 37 MG/stroke for at least 12 seconds with rpm above 2300.
- Monitor MFDES at idle with vehicle warmed up. MFDES must be below 12 MG/stroke for at least 12 seconds.

With the above conditions met, is P1000 cleared?

Yes	No
No issue; DTC P1000 cleared.	COMPLETE all steps in Section 4, Diagnostic Subroutines to determine DTC clearing issue.
