

52 FLASH CODE 52 – ECM FAULT

Section		Page
52.1	DESCRIPTION OF FLASH CODE 52	52-3
52.2	SAE J1587 EQUIVALENT CODE FOR FLASH CODE 52	52-3
52.3	TROUBLESHOOTING FLASH CODE 52	52-3

52.1 DESCRIPTION OF FLASH CODE 52

Flash Code 52 indicates that the DDEC system ECMs internal Analog to Digital(A/D) Convertor device has malfunctioned. Intermittent diagnostic conditions of this type can be caused by faulty external electrical system.

52.2 SAE J1587 EQUIVALENT CODE FOR FLASH CODE 52

The SAE J1587 equivalent code for Flash Code 52 is s 254 12.

52.3 TROUBLESHOOTING FLASH CODE 52

The following procedure will troubleshoot Flash Code 52.

52.3.1 Multiple Code Check

Perform the following steps to check for multiple codes.

1. Turn vehicle ignition switch ON.
2. Plug in the diagnostic data reader (DDR).
3. Read active codes.
 - [a] If active codes other than 254/12 are logged, service them first.
 - [b] If active code 254/12 is logged, and no other codes are logged, hook up test ECM. If code clears, replace the ECM. If code is not cleared, contact Detroit Diesel Technical Service.

NOTE:

For information concerning ECM replacement, refer to section 2.9 in the service manual.

