

6.5 MEMCAL Extraction and Replacement

The ignition should always be off when installing or removing the ECM connectors

1. Disconnect connectors from ECM
2. Disconnect ECM mounting hardware
Important: Electronic Control Module (ECM) mounting hardware not illustrated, hardware configuration will vary with car division.

3. Remove ECM from passenger compartment, remove ECM access cover (a) & (b)



4. Place fingers on each side of the MEMCAL (c), squeeze clips together to release the MEMCAL (d).



5. The Westers MEMCAL should look like (e). Press the Westers MEMCAL into the computer as in (f). There is no way to install this backwards so if it doesn't go in, turn it around.



Reinstalling MEMCAL

1. Replace access cover on ECM
2. Install ECM in passenger compartment
3. Connect the connectors to ECM

Functional Check

1. Turn ignition on
 2. Enter diagnostics
 - A. Code 12 should flash four times. (No other codes present.) This indicates the MEMCAL is installed properly.
 - B. If trouble code 51 occurs or if the check engine light is on constantly with no codes, the MEMCAL is not fully seated, installed backwards, has bent pins, or is defective.
- If not fully seated, press firmly on MEMCAL.
 - If it is necessary to remove the MEMCAL, follow instructions in appropriate steps.

If necessary, consult repair manuals for proper injection pump timing

