

<b>Subject:</b>  MIL ON - P0012 SET - VARIABLE VALVE TIMING FAILURE	<b>Bulletin No:</b> 01-025/06
	<b>Last Issued:</b> 7/7/2006

## APPLICABLE MODEL(S)/VINS

2001-2002 Miata

## DESCRIPTION

Some vehicles may experience MIL illuminates while engine is running. DTC P0012 is set into PCM memory.

- P0012: CMP Timing Over-Retarded

The PCM logic for CMP (Camshaft Position Sensor) timing detection is incorrect. Customers having this concern should have their vehicle repaired using the following repair procedure.

## REPAIR PROCEDURE

1. Verify customer concern.

### NOTE:

- Record customer radio station presets before disconnecting negative battery cable.
2. Replace PCM with a modified one. Refer to appropriate Workshop Manual section 01-40 PCM REMOVAL / INSTALLATION.
  3. Verify repair.

## PART(S) INFORMATION

Part Number	Description	Qty.	Notes
BP6F-18-881K	PCM (MT)	1	---
BP6H-18-881K	PCM (AT)	1	---

## WARRANTY INFORMATION

**NOTE:**

- This warranty information applies only to verified customer complaints on vehicles eligible for warranty repair. Refer to the Warranty Wizard for warranty term information.
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	6X
Damage Code	9W
Part Number Main Cause	5555-06-020A
Quantity	1
Operation Number / Labor Hours:	XXB354R2 / 0.5 Hrs