

# ATTENTION

YOUR WARRANTY DEPENDS ON YOUR ADHERENCE TO THESE GUIDELINES

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**BYAB**  
Honda Automatic Transmission

## PRODUCT BULLETIN

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### 2002-2004 Honda Odyssey PCM Replacement

Some Odysseys that had a remanufactured automatic transmission installed also need an updated PCM to improve transmission performance and durability. Therefore, you may need to order and install an updated PCM separately. This must be installed in conjunction with a remanufactured transmission, or risk voiding the remanufacturer's warranty.

#### APPLICABLE VEHICLES

2002-2003 Honda Odyssey (All types)

2004 Honda Odyssey (From VIN 5FNRL1...4B000001 through 5FNRL1...4B051620)

This affects part number T290101 (BYAB).

#### PARTS INFORMATION

PCM (2002 Odyssey): P/N 37820-P8F-408RM, H/C 7780539

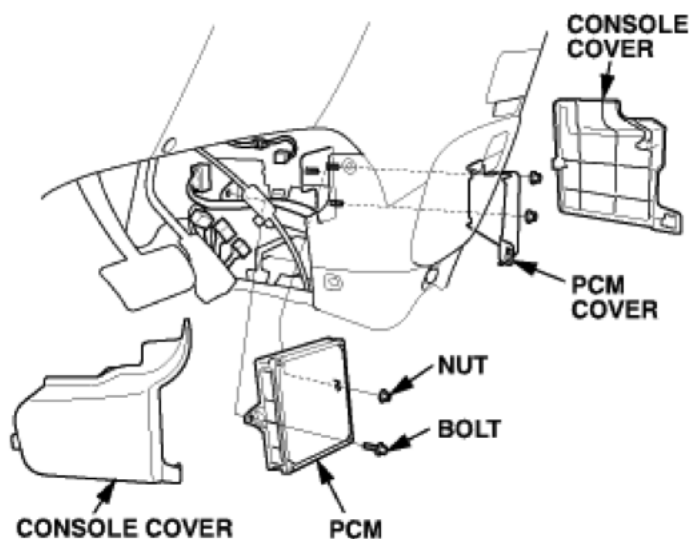
PCM (2003-04 Odyssey): P/N 37820-P8F-A84RM, H/C 7780547

#### CODES AND DIAGNOSTIC INFORMATION

Operation Number:	1211V6	
Flat Rate Time:	.4 Hour	
Failed Part:	2002	P/N 37820-P8F-A81 H/C 6787790
	2003-04	P/N 37820-P8F-A83 H/C 7547870
Defect Code:	5CS00	
Symptom Code:	F4800	
Skill Level:	Repair Technician	

## REPAIR PROCEDURE

1. Use the Honda Diagnostic System (HDS) with version 1.016.006 or later software to download the immobilizer system transponder codes from the PCM.<sup>†</sup>



2. Pull back the carpet, and remove the driver's and front passenger's center lower console covers.
3. Unplug the four electrical connectors from the PCM.
4. Remove the PCM cover, then remove the PCM mounting nut.
5. Remove the PCM mounting bolt, then remove and discard the PCM.
6. Install the new PCM in the reverse order of removal. Torque the mounting nut and bolt to 12 N.m (8.7 lb-ft).
7. Reinstall the center console covers and carpet.
8. Use the HDS to upload the immobilizer system transponder codes to the new PCM.<sup>†</sup>
9. Do the idle learn procedure:
  - Make sure all electrical items (A/C, audio unit, defogger, lights, etc.) are off.
  - Start the engine, and let it reach normal operating temperature (cooling fans cycle twice).
  - Let the engine idle with the throttle closed for 10 minutes.

<sup>†</sup> Refer to REPLACING THE ECM/PCM in S/B 00-049, Immobilizer System (Type 2), or online, enter the keyword IMMOBI, and select Immobilizer System (Type 2) from the list.