

RX-8 Program Control Module (PCM) Modification Removal & Shipping Instructions

Racing Beat's Flash Procedure

Using the electrical connector port, the PCM is connected to our computer equipment and uploaded with the Racing Beat programming data.

PCM Removal Procedure

1. Open the hood of your RX-8. Remove the black plastic cover panels covering the engine and battery. Remove the PCM cover located next to the battery held in place by (3) 6mm bolts (also remove the forward wire harness clip). See Photo 1.

2. Disconnect the (5) electrical connectors on the rear of the PCM (by pushing gently on the "release tab" on each connector with a screwdriver, then gently prying it out). NOTE: The (5) electrical connectors only fit in their correct positions - no marking is necessary. Then remove the (3) 6mm bolts that retain the PCM assembly to the chassis. See Photo 2 & 3.

3. Remove the PCM assembly from the chassis enclosure by prying the retaining tabs from on the two (2) cooling ducts with a scribe or small screwdriver. See Photo 4.

Shipping Options - select one of the following options when preparing your PCM for shipping:

A. (Smaller shipping size) - Remove the (3) brackets from the PCM with a Phillips head screwdriver and slide the PCM out of the plastic cooling case. Do NOT open the PCM or remove the circuit board from the metal enclosure.



B. (Larger shipping size) - Send the complete PCM unit with plastic case (with enclosure, ducts, and brackets as shown) to Racing Beat.

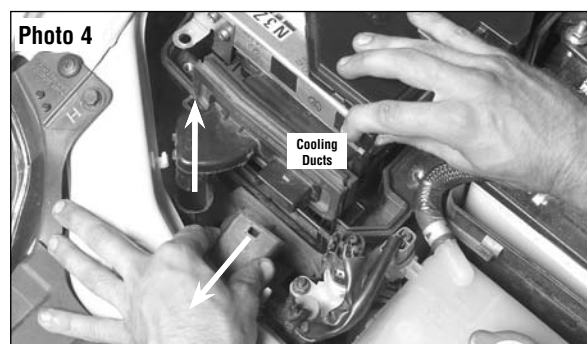
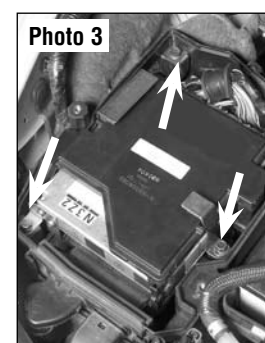
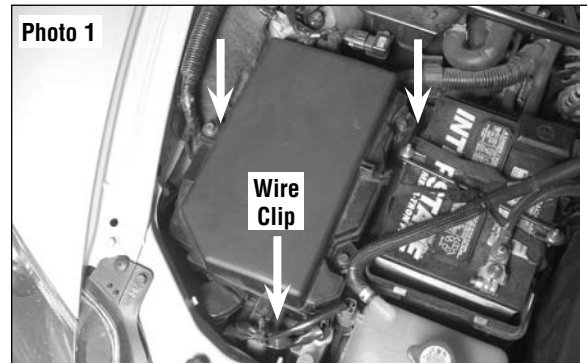


Packaging For Shipment to Racing Beat

The PCM is a sensitive electronic device. Although this unit is not overly "fragile", package the unit with adequate materials to minimize the possibility of damage occurring during shipping. Package the unit carefully using several layers of bubble wrap to insulate the unit. If you choose to use foam "peanuts", be sure to place the PCM in a plastic bag to avoid having the "peanuts" jammed into the electrical connectors. Choose a sturdy box and secure the box with appropriate shipping tape. Follow the instructions on the order form for return shipping options.

Shipping Insurance

The PCM has a retail price of approximately \$1000. We strongly suggest you insure your shipment for this amount in the unlikely event that your package is "lost" or damaged while in transit to Racing Beat.



RX-8 Program Control Module (PCM) Modification Order Form

Read the following carefully:

- Flash service is currently available ONLY for United States & Canadian-spec 2004-08 RX-8 models - Manual Transmission equipped.
- Remove and package the PCM as instructed and ship freight prepaid (and insured) to the address listed below.
- This PCM flash service is not authorized by MAZDA and may have an impact on a factory warranty.
- Legal in California ONLY for racing vehicles which may NEVER be used upon a highway.

Racing Beat, Inc.
Attn: PCM Modification
4789 E Wesley Drive
Anaheim, CA 92807

PCM Modification Turnaround Times

Our normal turnaround times for the PCM flash are 1-2 days. Return shipping options can be selected below.

Important Note: These turnaround times are not "guaranteed". If you MUST have your PCM returned by a specific date, we strongly suggest you contact Racing Beat **prior** to shipping your order to confirm your scheduling and delivery requirements!

Name: _____

Shipping Address: _____

City: _____ State: _____

Zip Code: _____

Daytime Phone: _____

(Important: We will attempt to contact you at this phone number if we have questions regarding your order.)

Evening Phone: _____

Email address: _____

(optional - used for UPS Tracking Notification Message only)

Credit Card Payment

Circle One: VISA, Mastercard, Discover, Am Exp

Credit Card Number: _____

Expiration Date: _____

___ Call me at my daytime phone for my credit card information.

Racing Beat will ONLY ship to the billing address that the issuing bank has on record for your credit card. The shipping address for your order MUST match the billing address that is on record with the bank.

Payment by credit card is limited to the United States (including Puerto Rico) and Canada.

Card Holder Signature: _____

Date: _____

Flash Pricing & Shipping Options

Flash: \$295.00

Re-flash Service: \$147.50 (Each additional re-flashes of the same program the same PCM unit.)

Indicate your preferred flash and PCM model year:

Flash Version: REN.V1 Flash (Stock) or REN.V2 Track/Race Flash or REN.V3 Ported Engine Flash

Model Year: 2004 2005 2006 2007 2008

Shipping Options:

Shipping charges are based upon prevailing rates for your geographical location. Contact Racing Beat prior to shipping your PCM if you require an exact shipping quote. Note: If your billing address is to a PO box, the US Postal Service option MUST be selected - UPS will not deliver to a PO box.

___ UPS Ground (2-7 Days)

___ UPS 3-Day

___ UPS 2-Day

___ UPS Next Day

___ USPS - Priority Mail (2-3 Average - not guaranteed)

___ USPS Express Mail (Next day to MOST destinations)