



# TECHNICAL SERVICE BULLETIN

THE NEW AMERICAN MOTORCYCLE™

## Victory Motorcycle

Bulletin Number: **V-08-03**

Date: 09/22/2008

Model Years: **2008**

Safety Bulletin  **Safety Recall**  Service Bulletin  Service Alert Fax  Production Update Kit

Distribution:  Owner / Principal  Service Manager  Sales Manager  Parts Manager  Technicians

*This Service Bulletin is located at [www.polarisdealers.com](http://www.polarisdealers.com)*



-Confidential and Proprietary-

**SUBJECT:** Loose Circuit Breaker Terminal Nuts and ECM Reprogramming

**PURPOSE:** Victory has decided that two possible defects exist on affected vehicles that could cause the engine to stall:

- 1) The terminal nuts that secure the main power supply wires could be loose at the circuit breaker, which can cause an unexpected loss of electrical power to the vehicle.
- 2) The current fuel / ignition map (pre-programmed into the Electronic Control Module or "ECM") can cause engine stalling under unusual and specific rider inputs.

Either of the defects listed above could cause the vehicle to stall, increasing the risk of a loss of control and a vehicle crash.

### AFFECTED MODEL(S):

Model	Model Number(s)	Vehicle Identification Numbers (VIN)
2008 Victory Vision™ Street	V08S136; V08SB36CA, CAP, CC, CCP, CD, CDP V08SB36DA, DAP, DC, DCP, DD, DDP V08SB36LA, LAP, LC, LCP, LD, LDP	<b>Enter the VIN number in "Unit Inquiry" on the dealer web site to determine if this bulletin applies (or if it has been completed) before performing this repair.</b>
2008 Victory Vision™ Tour	V08S236; V08SD36CA, CAP, CAT, CC, CCP, CCT, CD, CDP, CDT V08SD36DA, DAP, DAT, DC, DCP, DCT, DD, DDP, DDT V08SD36LA, LAP, LAT, LC, LCP, LCT, LD, LDP, LDT	

### WHAT YOUR DEALERSHIP SHOULD DO:

**Note:** It is a violation of Federal law for a dealer to deliver a new motor vehicle or any new or used item of motor vehicle equipment (including a tire) covered by the notification under a sale or lease until the defect or noncompliance is remedied.

1. Enter the Vehicle Identification Number in unit inquiry.
2. If the vehicle is affected, follow instructions on Page 4 to inspect and torque both circuit breaker nuts to specified torque as outlined on Page 4.
3. Reprogram the ECM with new calibration as outlined on Pages 5 & 6. You first must update Digital Wrench™ Version 3.1 with the latest release (dated 9/16/08 or later) to successfully complete this bulletin procedure.

**NOTE: Vehicles equipped with stage kits will require a new Calibration Authorization number. Please review special instructions on Pages 5 & 6 and schedule service work accordingly.**

4. File a warranty claim immediately after completion of this bulletin. Follow warranty claim filing procedures on Page 2.

**CUSTOMER NOTIFICATION:**

A customer Notification letter 08V-446 (08-332 in Canada) will be sent to registered owners of motorcycles affected by this bulletin. An example of the US Consumer letter is shown on Page 3.

In addition to the notification letter sent by Victory, dealers are required to notify owners of motorcycles sold by their dealership, and to make arrangements to perform this bulletin repair immediately.

**PARTS INFORMATION:**

<b>PART NUMBER / DESCRIPTION</b>	<b>7170107</b>
<b>QUANTITY</b>	<b>1 completion decal required per affected unit</b>
<b>DIRECT SHIP FROM VICTORY?</b>	<b>NO</b>
<b>TO BE ORDERED BY DEALERS?</b>	<b>NO</b>
<b>AVAILABLE TO ORDER</b>	<b>NO</b>

**WARRANTY CLAIM INFORMATION:**

A single group claim may be submitted listing the complete 17-digit VIN for machines WITH THE SAME MODEL NUMBER. File claim type **SB (Service Bulletin)**. DO NOT ENTER MORE THAN ONE MODEL NUMBER ON A WARRANTY CLAIM. All warranty claims must be submitted within 10 days of the repair. Never submit a warranty claim before completing the work. It is in violation of your dealer agreement to submit a warranty claim prior to the work being completed. Removed components are to be retained according to the Polaris Warranty Policy for possible return to the Warranty Department

Service Bulletin Number	V-08-03
Claim Type	SB
Labor Allowance	:18 Minutes
Claim Part Numbers	Automatically entered by warranty system

**SERVICE BULLETIN COMPLETION DECAL:**

- 1) Fill out a Service Bulletin Completion Decal, PN 7170107.
- 2) Clean the surface of the inside of the rear console cover.
- 3) Remove the decal from the sheet and apply as shown.
- 4) Peel adhesive backing off of the *clear* protective outer film of decal.
- 5) Press the clear film firmly over the decal.

If you require more decals, order them through normal parts ordering channels.



Fill out Decal with all required information.



Remove rear console cover and apply to underside.

Sincerely,

Laurie Rengel  
Manager, Service Dealer Development and Warranty

**EXAMPLE OF CONSUMER LETTER 08V-446 (08-332 in Canada)**

Victory Motorcycle Division  
of Polaris Industries Inc.  
2100 Highway 55  
Medina, MN 55340

**SAFETY RECALL NOTICE**

Recall Campaign: 08V-446

**Subject: Circuit Breaker Terminal Nuts and ECM Reprogram**

**Reference: Safety Recall Bulletin V-08-03**

**PLEASE READ IMMEDIATELY**

Dear Victory Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. The Victory Motorcycle Division of Polaris Industries Inc. has decided that a defect which relates to motor vehicle safety exists in some 2008 Victory Vision™ motorcycles. Our records indicate that you have purchased a potentially affected vehicle.

**The reason for this recall:**

Victory has decided that two possible defects exist on affected vehicles that could cause the engine to stall. 1) The terminal nuts that secure the main power supply wires could be loose at the circuit breaker, which can cause an unexpected loss of electrical power to the vehicle. 2) The current fuel / ignition map (pre-programmed into the Electronic Control Module or "ECM") can cause engine stalling under unusual and specific rider inputs.

Either of the defects listed above could cause the vehicle to stall, increasing the risk of a loss of control and a vehicle crash.

**What Victory and your dealer will do:**

Victory has issued *Safety Recall Bulletin V-08-03* to all Victory dealers, with instructions required to inspect and tighten the circuit breaker terminal nuts and re-program the ECM on all affected vehicles. Repairs will be made by any authorized Victory motorcycle dealer at no cost to you. The actual repair will take approximately 18 minutes to perform; however, it may take longer due to service scheduling requirements.

**What you should do:**

Please call your authorized Victory motorcycle dealer to schedule an appointment to have the bulletin repair performed. Do not attempt repairs yourself. Repairs must be done only by an authorized Victory motorcycle dealer.

**DO NOT OPERATE YOUR MOTORCYCLE UNTIL ALL REPAIRS HAVE BEEN COMPLETED!****If you have questions or if you need more information:**

While your Victory dealer is in the best position to answer your questions, if you have any questions that your dealer cannot address, if you are having difficulty obtaining the recall repair outlined in this letter, or if you need assistance finding a Victory Dealer, please contact our Victory Consumer Service Department by calling 1-888-704-5290 or visit the Polaris/Victory Motorcycle web site at [www.polarisindustries.com](http://www.polarisindustries.com).

This notice was mailed to you according to our most current registration information. If you no longer own your Victory motorcycle, please contact your local Victory dealer to have the ownership information changed. The Consumer Service Department cannot change ownership information without identification. Federal law requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within 10 days.

If you have had this repair performed before you received this letter, you may be eligible to receive reimbursement for the cost of obtaining a pre-notification remedy of the problem associated with this recall. For more information regarding obtaining reimbursement please contact the Victory Consumer Service Department using the contact information above.

If you believe that the Victory Motorcycle Division of Polaris Industries Inc. has failed to remedy this defect without charge or is unable to do so within a reasonable time, you may submit a complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue SE., Washington, D.C. 20590; or call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153); or on the web go to <http://www.safercar.gov>.

Please accept our apologies for any inconvenience this may cause you. Your safety and continued satisfaction with your Victory motorcycle is our primary concern. Thank you for your prompt attention to this matter.

Sincerely,

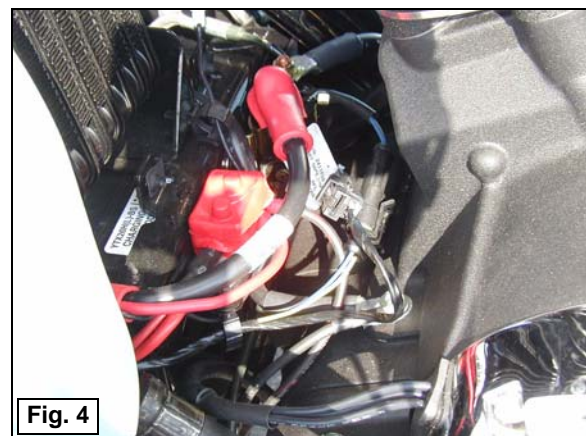
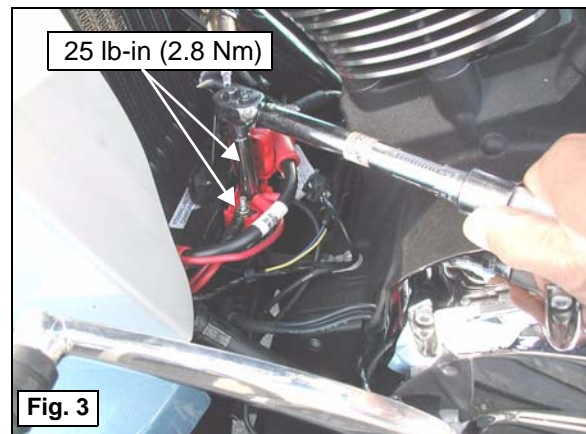
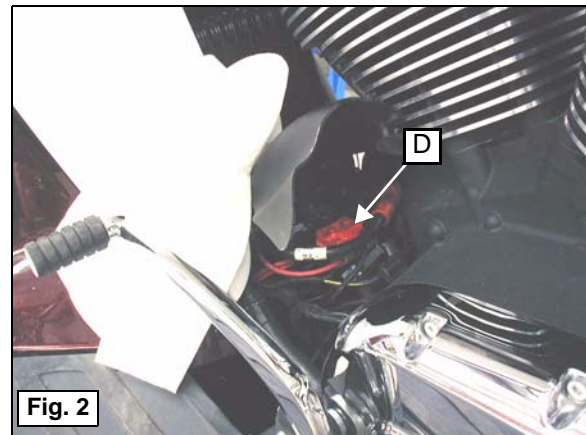
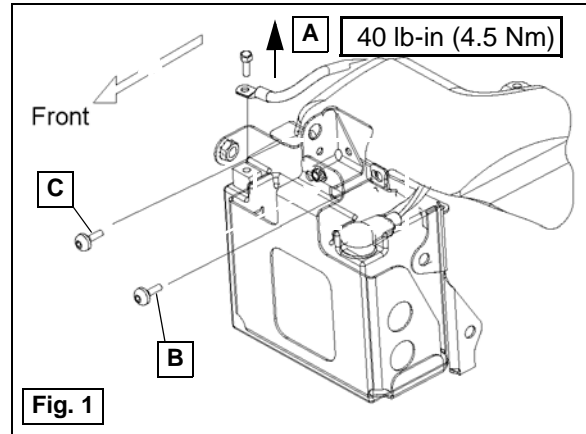
Laurie Rengel  
Manager, Service Dealer Development & Warranty

# INSTRUCTIONS

Overview: Tighten *both* circuit breaker terminal nuts to specified torque on all affected vehicles. Use a thin wall socket to ensure full engagement with the nut. Keep the socket at a 90 degree angle to the terminal stud when torquing the nuts.

## Circuit Breaker Terminal Nut Torque

1. Remove battery negative (-) cable (A). (Fig. 1)
2. Remove screw (B) from electrical cover (4mm internal hex). (Fig. 1)
3. Loosen screw (C).
4. Place a protective cloth between cover and lower leg fairing. Prop cover for access to circuit breaker (D). (Fig. 2)
5. Lift protective cover off circuit breaker.
6. Using a thin wall 3/8 inch deep socket, torque *BOTH* nuts to 25 lb-in (2.8 Nm). (Fig. 3)
7. Re-install protective cover securely over circuit breaker, pushing it firmly onto the studs. (Fig. 4)
8. Set electrical cover back in place and remove protective cloth.
9. Install cover screw and torque both screws to 18 lb-in. (2.0 Nm).
10. Install battery negative cable. Torque terminal bolt to 40 lb-in (4.5 Nm).
11. Perform reflash procedure following basic procedure outlined on Page 5, and instructions within Digital Wrench™.



## ECM Reprogramming

Overview: The ECM of the vehicle must be reprogrammed with an updated fuel / ignition map contained in the *Digital Wrench™* 3.1 release dated 9/16/08 (or later). Once you have updated Digital Wrench™ (Steps 1-6 below), this bulletin can be completed by following the Reprogramming steps below and standard reprogramming procedure in Digital Wrench™.

### Updating Digital Wrench™

1. Using your Digital Wrench™ laptop computer, go to the dealer web site and click on *Digital Wrench™ Updates* (under the *Service and Warranty* drop-down menu).
2. Click on the *Digital Wrench™ Update* link.
3. Click on the Digital Wrench 3.1 Update dated 9/16/08 (or later).
4. Select **SAVE** and save to your desktop (or preferred location) on your computer. **DO NOT** select **RUN!**
5. When the download is complete, go to your desktop and double click on the PDW icon (that looks similar to your Digital Wrench™ startup icon) or right click File/Open. Run the file and follow instructions to install / update Digital Wrench™ with the latest reprogramming files.
6. When Step 5 is completed, start Digital Wrench™ to verify the date in the lower right corner is 9/16/08 or later. If the date is correct, close Digital Wrench™ and proceed with reprogramming.

### Reprogramming the ECM

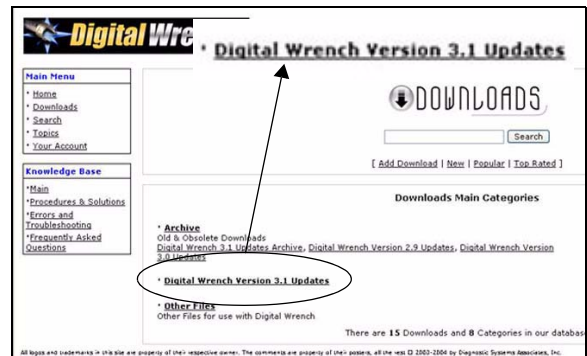
You first need to identify what calibration is installed in the ECM.

1. Open left saddlebag door, remove protective cap from diagnostic connector and connect the Smart Link interface cable to your laptop computer and the vehicle diagnostic connector.
2. Start Digital Wrench™, select the 2008 Victory Vision™.
3. Turn ignition key to the ON (Run) position and wait until communication has been established ("Status: Connected" appears in lower right corner).
4. Open the Special Tests menu (tool box icon).
5. Click on Service Report. When the report opens, verify the fields are populated with data. Identify which calibration is currently installed (Stock or Stage kit). Click on the "**Save Current**" button to **save a copy of the report to your desk top (or your preferred location)**. NOTE: This report (a text file) is required for Stage kit reprogramming.
6. If you are re-programming a Stock Calibration, follow instructions in the "STOCK CALIBRATION" section below. If you are reprogramming for any Stage Kit, follow the "STAGE KIT REPROGRAMMING" instructions on Page 6.

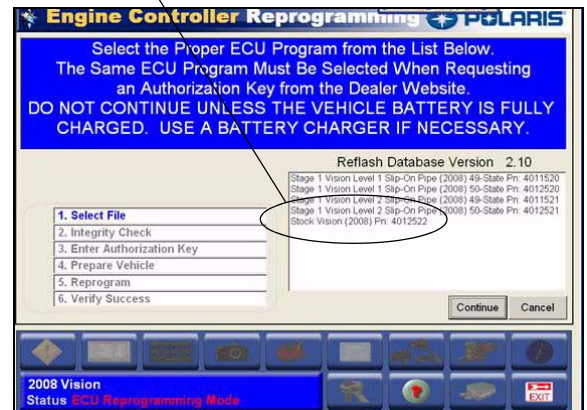
### STOCK CALIBRATION REPROGRAMMING:

1. Make sure steps 1-4 above (of Reprogramming the ECM) are completed.
2. Select ENGINE CONTROLLER REPROGRAMMING from the Special Tests menu.
3. Follow instructions within Digital Wrench to select the Stock Vision (2008) reprogramming file from the list and complete the process.
4. Verify the correct file has been installed. A successful completion message will appear and the fuel pump will run momentarily.

(SEE PAGE 6 FOR STAGE KIT REPROGRAMMING)



"Stock Vision (2008)"



**STAGE KIT CALIBRATION REPROGRAMMING:**

If you are reprogramming a Stage Kit calibration, you will need to obtain a new Calibration Authorization number before the system will let you select and reprogram with a Stage Kit file.

To obtain a new Calibration Authorization for vehicles equipped with Stage kits:

- Save a Service Report to your desk top (or your preferred location) as outlined in Steps 1-5 of Reprogramming the ECM on Page 5.
- Submit an ASK POLARIS case and request a Calibration Authorization number for V-08-03. Be sure to attach the Service Report for the vehicle to your ASK POLARIS case. We must have the Service Report in order to identify the current calibration in the vehicle for the new Calibration Authorization.
- A new Calibration Authorization Number will be returned to you in the reply.

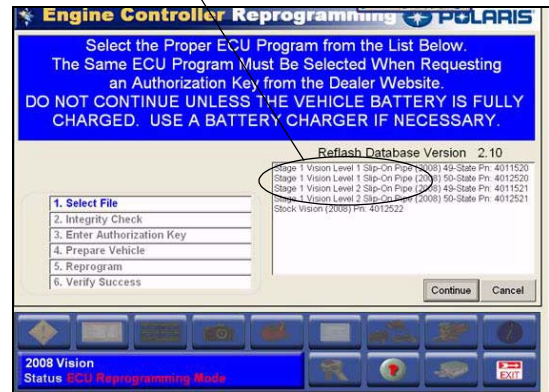
PLEASE NOTE: ASK Polaris cases submitted on Saturday or Sunday will receive a reply on Monday. Please schedule service work accordingly for vehicles equipped with Stage kits.

Once you have received a new Calibration Authorization number, you can proceed with ECM reprogramming:

1. Complete Steps 1-4 of "Reprogramming the ECM" to arrive at the Special Tests menu.
2. Select ENGINE CONTROLLER REPROGRAMMING.
3. Follow instructions within Digital Wrench to select the name of the appropriate Vision Stage Kit reprogramming file from the list and complete the process. Be sure to select the same file name as currently installed.
4. Verify the correct file has been installed. A successful completion message will appear and the fuel pump will run momentarily.

NOTE: After reprogramming is complete and with the vehicle still connected, you can view which calibration file is installed by clicking on the Vehicle Identification tab on the Special Tests menu.

Select the proper **Stage Kit** file name



Program file information can be viewed on the Vehicle Identification screen

