



# TECHNICAL SERVICE BULLETIN

THE NEW AMERICAN MOTORCYCLE

## Victory Motorcycle

Bulletin Number: V-03-03(A)

Date: 7/18/2003

Model Years: 2003

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

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

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



-Confidential and Proprietary-

### SUBJECT: FUEL TANK VENT OBSTRUCTION (CALIFORNIA MODELS)

**PURPOSE:** The Victory Motorcycle Division of Polaris Industries Inc. has decided that the fuel tank vent may not function properly on the 2003 Vegas™ models within the VIN range listed below. On the affected models, the vent pipe inside the fuel tank may be obstructed, causing pressure buildup and potential fuel expulsion when the fuel cap is opened. Follow the procedure below to test the vent pipe for obstruction on all Vegas™ models within the VIN range listed below, and replace the fuel tank if the vent pipe is found to be obstructed. This bulletin applies to California models. Refer to V-03-04(A) for U.S. 49 State, Canada, and United Kingdom models.

### MODEL(S) AFFECTED:

2003 Model(s) Affected	Model Number(s)	Serial Number Range
2003 Vegas™ (California Models)	V03G116	5VPGB16L#33000134 Through 5VPGB16L#33003567 If the eighth digit of the VIN is an L, and the last six digits of the VIN are between 000134 and 003567 (inclusive), the unit is affected by this bulletin.
# This is a check digit and can be any number or letter NOTE: This bulletin applies to California models only (eighth digit of VIN is an L). If the eighth digit is a D (49 state), C (Canada), or U (United Kingdom), check VIN ranges on Safety Recall V-03-04(A)		

### WHAT YOU MUST DO:

- 1) Perform the fuel tank vent inspection procedure on page 4. If vent pipe is found to be obstructed, replace fuel tank as outlined in Victory Vegas™ Service Manual PN 9918371. File a claim for inspection or fuel tank replacement as required, following Warranty Claim Filing procedures on page 2. Fuel tank replacement labor listed on this bulletin includes the inspection procedure.
- 2) Perform this Safety Recall Bulletin on all affected motorcycles in your inventory. DO NOT deliver an affected Vegas™ motorcycle until this bulletin has been completed.
- 3) All fuel tanks in your parts inventory must be removed immediately and inspected. If found to have an obstructed vent pipe, return the defective fuel tank to the Victory Parts Department. File a Parts Stock Warranty Claim as outlined on page 2.

**CUSTOMER NOTIFICATION:** A customer notification letter 03V-228 will be sent to registered owners of 2003 Victory Vegas™ motorcycles within the VIN range listed above. A copy of the customer letter is shown on page 3. In addition to the notification letter sent by the Victory Motorcycle Division of Polaris Industries Inc., dealers are required to notify the owners of motorcycles sold by their dealership, and to make arrangements to perform this warranty repair immediately.

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**WARRANTY CLAIM INFORMATION:**

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<b>Safety Recall Number</b>	V-03-03 (for inspection only) and V-03-03A (for inspection and fuel tank replacement)
<b>Claim Type</b>	File Warranty Claim Type SB for both registered units and units in your inventory.
<b>Labor Allowance</b>	Enter :15 hrs. for each Vegas™ inspected (V-03-03) OR Enter 1:45 hrs. for each Vegas™ fuel tank replaced (V-03-03A)
<b>Warranty Claim Special Instructions</b>	A single group claim using the claim type SB (Service Bulletin) may be submitted listing the serial number and date of repair for all machines with the <u>same model number</u> . DO NOT PUT MORE THAN ONE MODEL NUMBER ON A CLAIM.
<b>Claim Part #</b>	For V-03-03 (Inspection Only): Enter (1) 0000505 and (1) 7170107 in the parts area of claim
<b>Claim Part #</b>	For V-03-03A (Inspection and Fuel Tank Replacement): Enter all parts listed in the "Parts Required" table below in the parts area of the claim

**PARTS REQUIRED\* (IF VENT IS OBSTRUCTED)**

<u>Qty.</u>	<u>Part Description</u>	<u>Part No.</u>
1	Tank, Fuel	1013821-XXX*
Order with paint code suffix (266 Black) (341 Blue) (342 Red) (354 Silver) (388 Yellow) (423 Tribal)		
1	O-Ring, Fuel Pump	5411869
2	O-Ring	5412071
1	Grommet, Fuel Pump	5412093
1	Grommet, Fuel Pump	5412094
1	Grommet, Fuel Pump	5412095
1	Grommet, Fuel Pump	5412096
1	Washer, Sealing, Fuel Pump	7556193
1	Decal-Svc Bulletin Completion	7170107

\* If the vent is obstructed, please order these parts for each vehicle as required

**EXPECTED PARTS AVAILABILITY DATE:** July 25, 2003. Order the fuel tank if required; add color suffix to PN 1013821.

**PARTS IN DEALER INVENTORY:**

All Vegas™ fuel tanks in your inventory must be removed from stock immediately and inspected. If found to have an obstructed vent pipe, return the defective fuel tank to the Victory Parts Department. File a Parts Stock Warranty Claim (Claim Type PS) for obstructed fuel tanks in your inventory. List the bulletin number (V-03-03) in the COMMENTS section of the claim.

**BULLETIN COMPLETION DECAL:**

After completion of this bulletin, fill out a service bulletin completion decal (P/N 7170107) and install on the inside of left side cover as shown.

Sincerely,



Karl Iversle  
Manager, Technical Service & Warranty



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Polaris Sales Inc.



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2100 Hwy 55  
Medina, Minnesota 55340  
Phone: 763-542-0500  
Fax: 763-542-0599

**THE NEW AMERICAN MOTORCYCLE™**  
**Warning and Recall Notice Q3V-228**

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 model year 2003 Victory Vegas™ motorcycles. Our records indicate that you have purchased one of the potentially affected units.

The vent pipe located inside the fuel tank may be partially or totally obstructed, causing pressure buildup and potential expulsion of fuel when the fuel cap is opened.

The repair will consist of an inspection of the fuel tank vent system and replacement of the fuel tank if the vent is found to be obstructed. Repairs will be made by an authorized Victory motorcycle dealer at no cost to you. The repair will take approximately one hour and forty five minutes to perform, although your dealership may need your motorcycle for a longer period of time depending on their work schedule.

Upon receipt of this recall notice, please call your authorized Victory motorcycle dealer to schedule an appointment. Do not attempt repairs yourself. Repairs must be done only by an authorized Victory dealer.

You should avoid opening the fuel cap on your motorcycle until the fuel tank vent has been inspected by your dealer and repaired as required. If you must open the fuel cap before then, you should take extra care:

- 1) Place your hand over the fuel cap and maintain downward pressure on the cap while turning the key.
- 2) With the key turned, slowly release downward hand pressure on the fuel cap, allowing pressure to escape past the sealing surface of the cap and fuel tank.
- 3) Pressure may be considerably higher in direct sunlight and higher temperatures, or after riding the motorcycle and parking. If possible, allow the fuel tank and engine to cool completely before opening the cap carefully as directed in Step 1 and 2 above.

If you are having difficulty obtaining the recall repair outlined in this letter, please call our Consumer Service Department at (763) 417-8650.

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 of the National Highway Traffic Safety Administration at 400 Seventh Street S.W., Washington D.C. 20590 or call the toll-free safety hotline at 1-888-327-4236.

Please accept our apologies for any inconvenience this may cause you.

Sincerely,

VICTORY MOTORCYCLE DIVISION OF POLARIS INDUSTRIES INC.

Karl Iversen

Manager, Technical Service & Warranty

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 are no longer the owner of the Victory motorcycle indicated by this letter, please contact our Consumer Service Department @ 763-417-8650 so we may update our records. Or write to us at Polaris Industries, Inc. Consumer Service Department 2100 Highway 55 Medina, MN 55340-9962

REF: V0303

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## VENT INSPECTION / REPAIR PROCEDURE:

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### Locate the fuel tank vent hose and cap cavity drain hose.

1. Remove the left side cover.
2. Locate the two hard plastic lines at the rear left side of fuel tank. One is the water drain from the gas cap depression and the other is the fuel tank vent line. Both hard lines transition to a rubber line at this point.

### Disconnect the hoses

3. Pull one of the hard lines free from its rubber line.

**CAUTION:** The vent pipe located inside the fuel tank may be partially or totally obstructed, causing pressure buildup and potential expulsion of fuel when the fuel cap is opened.

**Take extra care before opening the fuel cap:**

- 1) Place your hand over the fuel cap and maintain downward pressure on the cap while turning the key.
- 2) With the key turned, slowly release downward hand pressure on the fuel cap, allowing pressure to escape past the sealing surface of the cap and fuel tank.
- 3) Pressure may be considerably higher in direct sunlight and higher temperatures or after riding the motorcycle and parking. If possible, allow the fuel tank to cool before opening the cap carefully as directed in Step 1 and 2 above.

### Attach a pressure pump

4. Attach a hand pump (i.e. a Mity Vac PV-43545) to the hard line on the fuel tank side as shown using an appropriate adaptor that seals tightly on the line.

**NOTE:** If the hand pump has both pressure and vacuum pump capability, set the dial to "Pump" or connect the hose to the pump's pressure fitting.

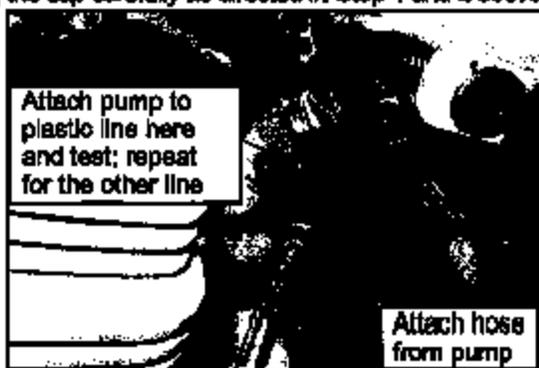
5. Pump air into the line. Air should be heard escaping from the fuel cap area. If the pump does not build pressure (indicating a clear vent) but you do not hear air escaping from the filler neck or from the water drain hole, check to be sure the hose is connected to the fitting on the bottom of the fuel tank.

6. To determine which line you have, place your finger over the water drain opening which is located to the left of the gas cap opening. If the airflow stops you have located the water drain line. If the airflow continues, you have located the tank vent line and it is open. You should be able to hear the air escaping out the fuel tank filler neck.

**NOTE:** If the first line you test is clear, reconnect this line and repeat Steps 5 and 6 for the other line. Both lines should flow air freely.

### Determine if further repair is required. File claim Type SB.

7. If both lines are clear, reconnect them, close and lock the fuel cap, and reinstall the side cover. File a warranty claim for inspection only, and use V-03-03 as the bulletin number.
8. If you can not move air through the vent line (pressure builds on the gauge), the fuel tank vent fitting is plugged, and you must replace the fuel tank. Follow the procedure outlined on page 5.3 - 5.11 in the Victory Vegas™ Service Manual PN 9818371, and file a warranty claim for inspection and tank replacement using bulletin number V-03-03A.



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