



TECHNICAL SERVICE BULLETIN

THE NEW AMERICAN MOTORCYCLE

Date: 03/25/2005

Victory Motorcycle

Bulletin Number: V-05-01

Model Years: 2004, 2005

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

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

6 Pages

This Service Bulletin is located at www.polarisdealers.com



-Confidential and Proprietary-

SUBJECT: THROTTLE TWIST GRIP INSPECTION

PURPOSE: The Victory Motorcycle Division of Polaris Industries Inc. has decided that a defect which relates to motor vehicle safety exists in some 2004 Ness Edition Vegas™, 2005 Ness Edition Vegas™ and Kingpin™ Motorcycles. The throttle twist grip may not return to the fully closed position due to metal to metal contact or debris between the twist grip and the handlebar. Restricted throttle movement could result in loss of control, increasing the risk of a crash.

DO NOT SELL, DELIVER, OR OPERATE AN AFFECTED UNIT UNTIL THE REPAIR PROCEDURE HAS BEEN COMPLETED!

MODEL(S) AFFECTED:

Model(s) Affected	Model Number(s)	Serial Numbers of Affected Vehicles
2004 Ness Vegas™	V04NC16DN, V04NC16LN	ALL
2005 Ness Vegas™	V05DC16CT, V05EC16CU, V05DC16DT, V05EC16DU,	
2005 Ness Kingpin™	V05DC16LT, V05EC16LU	

WHAT YOU MUST DO:

- 1) Perform Throttle Inspection procedure (page 4) and install a handle bar end plug on all affected motorcycles in your inventory. DO NOT deliver an affected motorcycle until this repair has been completed.
- 2) Contact owners of delivered units immediately and make arrangements to perform this recall repair.
- 3) Inspect and clean all Ness Drag Bar kits (P/N 2874845 & 2875165) in your inventory. Order a plug and install it in the throttle grip end of each of the above handlebars.
- 4) Order a plug (5135230) for each Twist Grip Kit (P/N 2872818) and Band Grip Kit (P/N 2872817) in your inventory. Add the plug to each kit in your inventory.
- 5) File a warranty claim for affected units immediately after completing this repair. Refer to Warranty Claim Information on page 2.

CUSTOMER NOTIFICATION:

A customer notification letter 05V-095 will be sent to registered owners of motorcycles affected by this bulletin. An example of the 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 repair immediately.

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WARRANTY CLAIM INFORMATION:

Safety Recall Number	V-05-01
Claim Type	File Warranty Claim Type SB for both registered units and units in your inventory.
Labor Allowance	Enter :30 min
Warranty Claim Special Instructions	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.
Part Numbers to List on Claim	Automatically entered by the Warranty system.

PARTS REQUIRED: Order one P/N 5135230 Handlebar End Plug for each affected motorcycle to be repaired, and one for each Twist Grip Kit, Band Grip Kit, or Drag Bar Kit in your inventory.

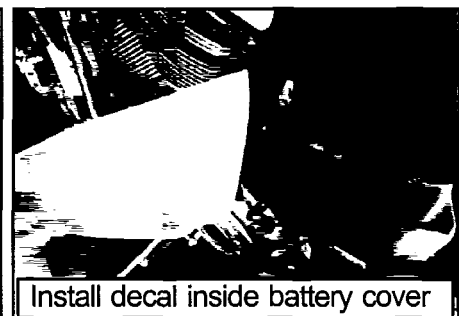
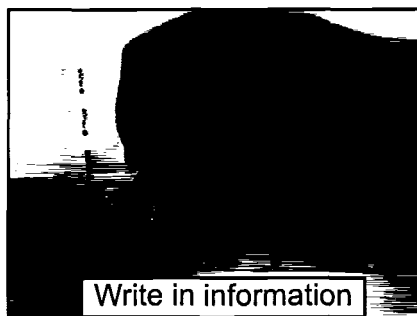
CUSTOMER REIMBURSEMENT:

If a customer has paid for previous repairs related to this recall, he or she may request a reimbursement claim form by contacting Consumer Service by phone at (763) 417-8650 or by mail at the address below. A Reimbursement Claim Form will be sent by Mail, FAX, or E-mail directly to the customer.

Polaris Industries, Inc.
Consumer Service Department
2100 Highway 55
Medina, MN 55340-9962

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 Iverslie
Manager, Technical Service & Warranty

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Polaris Industries Inc.
2100 Hwy 55
Medina, Minnesota 55340



Phone: 763-542-0500
FAX: 763-542-0599

THE NEW AMERICAN MOTORCYCLE
SUBJECT: RECALL CAMPAIGN - THROTTLE TWIST GRIP INSPECTION
2004 Ness Edition Vegas™
2005 Ness Edition Vegas™ and Kingpin™ Motorcycles

Warning and Safety Recall Notice 05V-095
Reference Victory Safety Recall Bulletin V-05-01

Example of U.S. Consumer Letter
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 2004 Ness Edition Vegas™, 2005 Ness Edition Vegas™ and Kingpin™ Motorcycles. Our records indicate that you have purchased one of these units.

The reason for this recall:

On affected motorcycles, the throttle twist grip may not return to the fully closed position due to metal to metal contact or debris between throttle twist grip and handlebar. Restricted throttle movement could result in loss of control, increasing the risk of a crash.

What Victory and your dealer will do:

To correct this defect, your authorized Victory dealer will disassemble the throttle mechanism, clean the twist grip assembly and handlebar, add a plug to the end of the handlebar, lubricate moving parts and reassemble. Any worn or damaged parts will be replaced. Repairs will be made by an authorized Victory motorcycle dealer at no cost to you. The inspection, cleaning, and lubrication will take approximately 30 minutes. However, parts replacement may require a longer period of time due to service scheduling requirements and the parts required.

What you should do:

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.

Do not ride your motorcycle until your dealer has inspected the throttle mechanism.

While your Victory dealer is in the best position to answer your questions, if you have any questions that your dealer cannot address, or 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 no longer own your motorcycle, please call our Consumer Service Department at (763) 417-8650 or write to the address below with the name and address of the new owner.

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 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.

Reimbursement for previous repairs:

If you have paid for repairs related to this recall condition prior to receiving this notice, you may be eligible to receive reimbursement. A reimbursement form with instructions for filing a claim can be requested by calling Polaris Customer Service at (763) 417-8650.

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,

VICTORY MOTORCYCLE DIVISION OF POLARIS INDUSTRIES INC.

Karl Iverslie

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

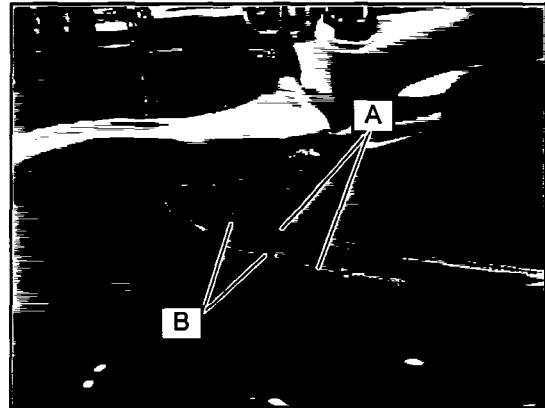
REF: V0501

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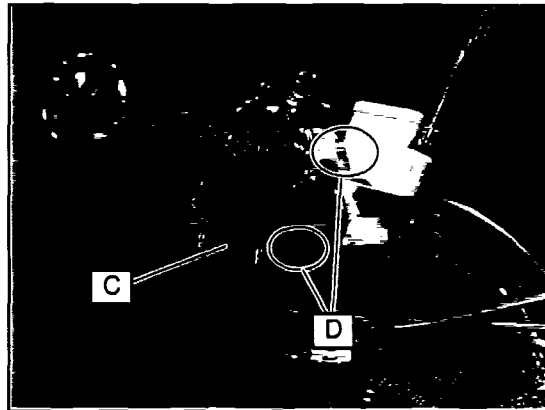
INSPECTION / REPAIR PROCEDURE:

CAUTION: WEAR EYE PROTECTION WHILE PERFORMING THIS PROCEDURE.

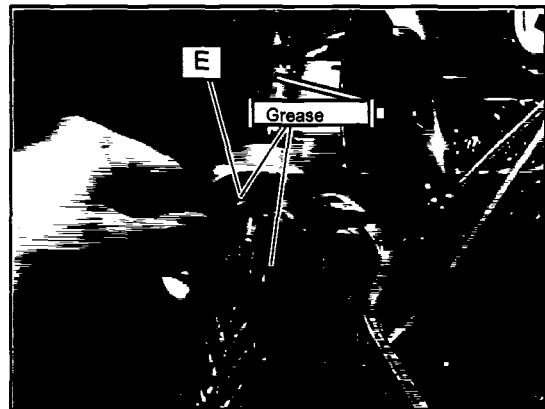
1. Slide back rubber covers on both cable adjusters. Hold cable adjuster (A) with an 8mm wrench and loosen lock nut (B) with a 10mm wrench. Loosen locknut completely and turn cable adjuster in (toward bend in cable) to provide maximum cable free play.



2. Loosen cable retaining bracket screw (C) a few turns and remove both throttle housing screws (D).



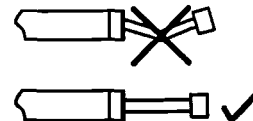
3. Separate housing. Carefully remove cables (E) from twist grip. DO NOT bend or kink throttle cable ends!
4. Slide twist grip off handlebar.
5. Inspect cables for frayed ends or kinks. Replace if kinked or frayed.



NOTE: There is a possibility that metal debris left over from machining of the hole in the handlebar for the throttle housing locating peg may still be present inside the handlebar or inside the twist grip.

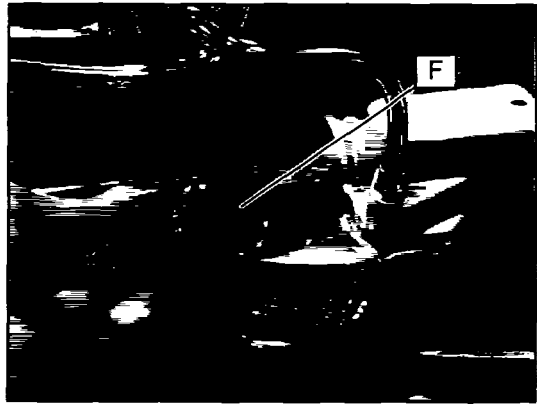
CAREFULLY inspect both the inside of the twistgrip AND the inside of the handlebar with a flashlight, looking for any left over machining debris as directed in the following steps.

Do Not Bend or Kink Cable or Casing



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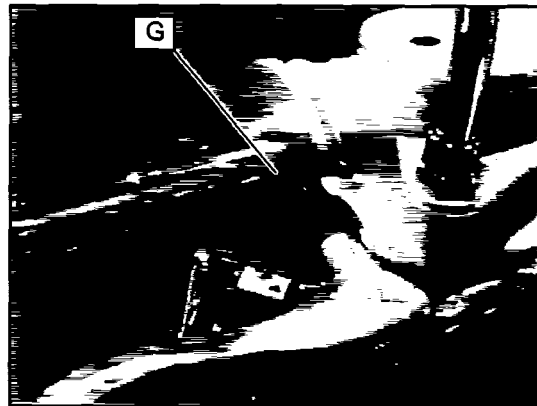
6. Clean inside of twist grip (F) with Victory Brake Cleaner or Electrical Contact Cleaner to remove any metal debris. Be sure all debris is removed and inside surface of twist grip is clean, and dry with compressed air.



7. Inspect inside of handlebar for metal debris, looking closely at the area around the locating peg hole for the housing. Check all Drag Bar kits in your dealership parts inventory also.
- Point right end of handlebar down and rinse inside of handlebar with electrical contact cleaner or brake cleaner to remove any debris.

Do not allow cleaner to contact painted surfaces.

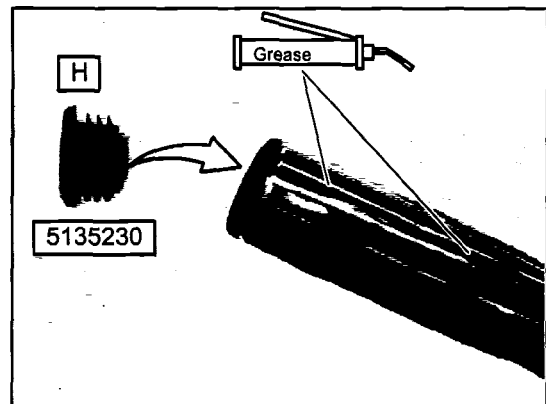
Dry thoroughly with compressed air, directing air stream through hole (G) in handlebar toward open end of handlebar.



8. When handlebar is clean and dry, tap handlebar plug (H) into end of handlebar until seated.

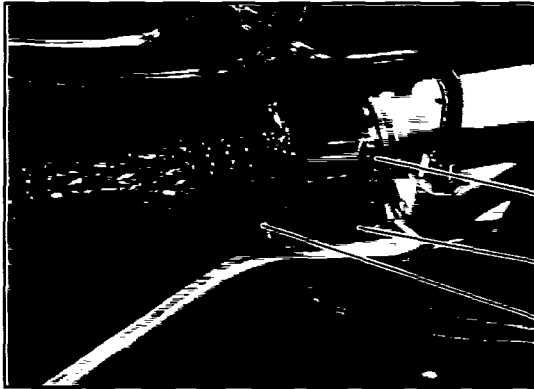
If you have Drag Bar kits in your dealership parts inventory, install a plug as shown at right.

Add a plug to any Band Grip or Twist Grip kits in your parts inventory.



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9. Lubricate contact surface of handlebar and the ends of both cables with a light grease such as Victory All Purpose Grease (P/N 2872187) or a lithium grease.
10. Slide twist grip on handlebar and carefully connect cables.
11. Assemble throttle housing with twist grip centered and peg of housing located in the hole in handlebar. Hold housing together and install screws but do not tighten. Rotate twist grip and release to be sure it rotates and returns freely. Torque top screw on housing. Torque bottom screw. Torque cable retainer screw. All: 25 in. lbs. (2.8 Nm).

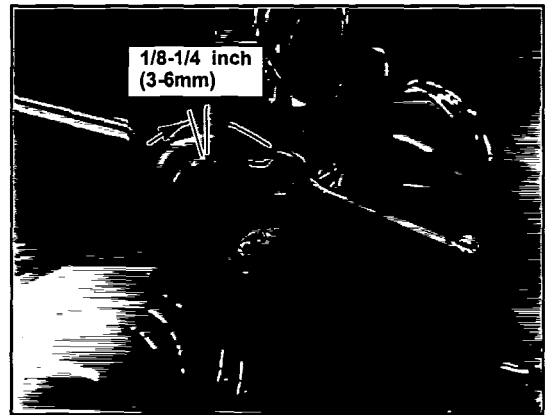


Torque: (All) 25 in. lbs. (2.8 Nm) in following order:

- ① Upper housing screw
- ② Lower housing screw
- ③ Cable retainer screw

Throttle Freeplay Adjustment

1. Be sure fast idle lever is in the OFF (low idle) position.
2. Turn cable adjuster on the throttle opening ("pull") cable out until throttle freeplay is 1/8-1/4 in. (3-6 mm). (The pull cable is farthest from the rider).
3. Hold throttle control grip in the fully closed position and turn throttle closing cable adjuster out until light resistance is felt, then turn the adjuster back in 1 full turn. The closing cable is closest to the rider.
4. Hold adjuster nut and tighten adjuster jam nut securely (both cables). Reinstall both rubber covers.
5. Verify that the throttle grip moves smoothly throughout the full range of rotation and returns fully and freely when released from any position.
6. Shift transmission into neutral.
7. Start engine and let it idle.
8. Be sure fast idle lever is in the OFF position (low idle).
9. Turn handlebars all the way to the right and left. The engine idle speed should not change in any steering position. If engine idle speed changes, verify proper cable free play, inspect cables for proper routing, and be sure cables are attached properly. Refer to the Service Manual for more information.



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