



THE NEW AMERICAN MOTORCYCLE™

Date: 10/30/2007

TECHNICAL SERVICE BULLETIN

Victory Motorcycle

Bulletin Number: V-07-01

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



-Confidential and Proprietary-

SUBJECT: Regulator / Rectifier Replacement and Battery Cable Bolt Torque

PURPOSE:

A defect may exist in the regulator rectifier assembly which may cause an overcharging condition on affected vehicles. An overcharging condition in conjunction with a loose battery cable connection could cause the engine to stall. An unexpected loss of engine power increases the risk of an operator losing control which could result in a vehicle crash. Defective regulator rectifiers cannot be identified by a visual inspection. The existing regulator / rectifier must be replaced on all affected vehicles, and the battery cable bolts checked for proper torque.

AFFECTED MODEL(S):

Model	Model Number(s)	Vehicle Identification Numbers (VIN)
Victory Vision™ Street	V08S136; V08SB36DA; V08SB36DAP; V08SB36DC; V08SB36DCP; V08SB36DD; V08SB36DDP; V08SB36LAP; V08SB36LC; V08SB36LCP; V08SB36LDP	Enter the VIN number in UNIT INQUIRY on the dealer web site to determine if this bulletin applies.
Victory Vision™ Tour	V08S236; V08SD36DA; V08SD36DAP; V08SD36DAT; V08SD36DC; V08SD36DCP; V08SD36DCT; V08SD36DD; V08SD36DDP; V08SD36DDT; V08SD36LA; V08SD36LAT; V08SD36LC; V08SD36LCP; V08SD36LCT; V08SD36LDP; V08SD36LDT	Enter the VIN number in UNIT INQUIRY on the dealer web site to determine if this bulletin applies.

WHAT YOUR DEALERSHIP SHOULD DO:

1. Replace the Regulator / Rectifier assembly with PN 4012238 (Black) or PN 4012239 (Silver) following the procedure on page 3.
2. Verify battery cable bolts on the battery are torqued to 40 lb-in (4.5 Nm).
3. File a warranty claim immediately after completion of this bulletin. Follow warranty claim filing procedures on page 2.

CUSTOMER NOTIFICATION:

A customer Notification letter 07V-xx (07-xx in Canada) will be sent to registered owners of motorcycles affected by this bulletin. 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:

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PART NUMBER / DESCRIPTION	Regulator / Rectifier 4012238 (Color - Black) or 4012239 (Color - Silver)
QUANTITY	1 per affected unit
DIRECT SHIP FROM VICTORY?	NO
TO BE ORDERED BY DEALERS?	YES
PARTS AVAILABLE TO ORDER?	YES

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-07-01
Claim Type	SB
Labor Allowance	30 Minutes
Claim Part Numbers	Automatically entered by warranty system

SERVICE BULLETIN COMPLETION DECAL:

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



Additional decals can be ordered through normal parts ordering channels.

Sincerely,

Laurie Rengel
Manager, Service Dealer Development and Warranty

1. Remove negative (-) battery cable (10mm socket). (Fig. 1)
2. Remove button head screw from left side of electrical cover (4mm Allen). (Fig. 1)
3. Lift negative cable to access the right electrical cover screw. Loosen the screw but do not remove it.
4. Place a protective cloth between the cover and the lower leg fairing, and prop the cover up for access to the regulator +/- leads. (Fig. 2)
5. Remove the negative lead (5mm Allen) from the crankcase ground location. Note placement of ground cable against case with the regulator rectifier ground lead on top. (Fig. 3)
6. Lift the protective cover off the 40A circuit breaker and remove the nut and both ring terminals from the battery terminal side of the breaker (innermost terminal). (Fig. 3)
7. Remove the regulator / rectifier mounting screws. (Fig. 4)
8. Disconnect the 3-pin stator wire connector. (Fig. 4)
9. Open the wire guide to release the +/- wires. Remove regulator. (Fig. 4)
10. Install the new regulator / rectifier, routing the +/- leads between the front of the engine and the brake line. Secure the leads in the wire guide.
11. Connect the stator 3-pin connector. Be sure the lock tab is secured. Slide the connector back onto the harness dart.
12. Clean the mounting plate and install the regulator / rectifier. Torque screws to 89 lb-in (10 Nm).
13. Assemble the positive lead (red ring terminal) to the breaker with the positive harness lead on top of it. Install the nut with its captive lock washer. Hold the wires in position and torque the breaker terminal nut to 25 lb-in (2.8 Nm).
14. Replace the protective cover on the breaker, pushing it firmly onto the terminal studs. (Fig. 5)
15. Assemble the negative battery cable against the crankcase with the negative regulator / rectifier wire on top. Install the screw. Torque to 89 lb-in (10 Nm). (Fig. 5)
16. Re-position electrical cover. Install the left screw. Torque both screws to 18 lb-in. (2 Nm).
17. Apply a light film of dielectric grease to the threads of the negative battery terminal bolt. Install cable and torque bolt to 40 lb-in (4.5 Nm).
18. Lift the protective cover off the positive battery terminal. VERIFY positive battery cable bolt is torqued to 40 lb-in (4.5 Nm).
19. Install the protective cover over the positive terminal.
20. Start the engine and verify proper charging system operation. The voltmeter on the instrument panel should indicate around 14 volts.

