

09V-379
(4 Pages)

Panther Motors Inc
10358 West Mcnab Rd
Tamarac, Florida, 33321
954-682-3693
panthermotors@bellsouth.net



Safety Defect and Noncompliance Report Guide for Vehicles

PART 573 DEFECT AND NONCOMPLIANCE REPORT

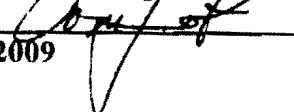
On September 15, 2009, Panther Motors Inc decided that a noncompliance with Federal Motor Vehicle Safety Standard No. S5.1.4 exists in the motor vehicles listed below, and is furnishing notification to the National Highway Traffic Safety Administration in accordance with 49 CFR Part 573 Defect and Noncompliance Reports.

9/23/09

Re: NVS-221SSe/OA-122-090915

Name of Manufacturer: Panther Motors Inc
Name of Contact: Dominick Livotti Jr, President
Telephone: 954-682-3693
E-Mail- panthermotors@bellsouth.net

Prepared By: Dominick Livotti Jr

Signed: 
Sept. 23, 2009

I. Identification of the vehicle Models involved in Recall

**1. Make: Panther Motors Inc Model Year Involved:2008 Model: P50
Production Dates: Begin: June 1, 2007 Ending: August 15,2008
Vin Range: Beginning: 8011 Ending: 8212
Vehicle Type: 50cc motorcycle Body Style: ScootCoupe**

Presence of a three –wheel Hydraulic brake system distinguishes this model from those models not included in the recall.

**2. Make: Panther Motors Inc Model Year Involved: 2008 Model: P150
Production Dates: Begin: June 1, 2007 Ending: August 15, 2008
VIN Range: Beginning: 8011 Ending:8075
Vehicle Type: 148cc motorcycle Body Style: ScootCoupe**

Presence of a three-wheel Hydraulic Brake System distinguishes this model from those models not included in the recall.

**3. Make: Panther Motors Inc. Model year Involved: 2009 Model: P50
Production Dates: Begin: August 15, 2009 Ending: September 15, 2009
Vin Range: Beginning: 8012 Ending: 8147
Vehicle Type: 50cc Motorcycle Body Style: ScootCoupe**

Presence of a three-wheel Hydraulic Brake System distinguishes this model from those models not included in the recall.

**4. Make: Panther Motors Inc. Model Year Involved: 2009 Model P150
Production Dates: Beginning August 15, 2008 Ending: September 15, 2009
VIN Range: Beginning: 8011 Ending: 8097
Vehicle type: 148cc Motorcycle Body Style: ScootCoupe**

Presence of a three-wheel Hydraulic brake system distinguishes this model from those models not included in the recall.

Recall will include 100 percent of all vehicles in the production range described above.

II. Identify the Recall Population

3. Furnish the total number of vehicles recalled potentially containing the defect or noncompliance.

MODEL	YEAR	# Vehicles potentially Involved
P50	2008	189
P150	2008	55
P50	2009	123
P150	2009	67
TOTAL		434

4. We approximate that 100 percent of the vehicles potentially involved contain the non-compliance. The recall population was determined by selecting the models manufactured with the hydraulic/mechanical parking brake and counting the number of vehicles produced for each model year as illustrated above. The beginning date was the date Panther Motors began completing vehicles with the hydraulic/mechanical parking brake and the end date was when we received notice of non-compliance.

III. Describe the Noncompliance

5. **Description.** The cycles identified are equipped with hand brake levers on the right and left sides of the handlebars and utilize hydraulic fluid as the medium to transfer force to from the levers to the service brake components. The parking brake utilizes the left handlebar brake lever which when depressed can be locked in the depressed position by use of a mechanical pin to maintain engagement of the parking brake. Release of the locking device releases the parking brake and allows the brake lever to return to it original position.

This parking brake has been determined by OVSC to be in apparent noncompliance with S5.1.4 which requires a solely mechanical means of engagement of the parking brake. We have been informed that the use of the hydraulic line to maintain friction at the brake rotor is noncompliant as a loss of fluid will result in parking brake failure.

The consequence of the noncompliance is that a loss of brake fluid from the sealed hydraulic brake system will result in parking brake failure.

There is no physical warning prior to loss of fluid from the sealed hydraulic system. Hydraulic fluid can escape or be "lost" only in the event of a rupture

of the DOT approved hydraulic brake line. In this event, the operator would experience a loss of pressure on the effected service brake system.

Brake System Supplier:

Representative Name:

IV. Provide the Chronology in Determining the Non-Compliance

7. Prior to using the parking brake described above, it was tested to see that it held the vehicle while parked in either direction on a 30 degree incline for a period of eight hours. Each individual vehicle manufactured was tested prior to shipment or sale. Panther Motors has never received a complaint or repair request for the parking brake on any of the vehicles equipped with the parking brake described above. The noncompliance was brought to our attention on September 15, 2009 via a letter from the Office of Vehicle Safety Compliance.
