



Date: December ??, 2011

Contact: Technical Services

Subject: NHTSA Recall ???-??? – Ignition Control Unit Replacement 50cc 4-Stroke 4-Valve

Service Communication:

2011-004  **Recall** - Ignition Control Unit replacement 50cc 4-valve

Affected Models: A select range of Piaggio/Vespa 50cc 4T 4- valve models.

Vespa LX 50 4T 4-valve

Vespa S 50 4T 4-valve

Fly 50 4T 4-valve

Please use the **GGP warranty system** to determine the specific VINS subject to this recall (See page 2 of this bulletin).

Concern: Based on continual product research conducted by our technical department, during start up of the vehicle, possible faults may occur in the generation of the spark at the spark plug. This problem, in very rare cases, could trigger an effect of combustion within the engine intake system which could extend to the rest of the vehicle.

Cause: Anomalies associated with the ignition control unit

Correction: Replace the ignition control unit

On VINs affected by this recall, please perform the ignition control unit replacement using the instructions provided in this bulletin. Please prioritize the repair following the guidelines below:

Vehicles in stock: Perform update before sale at the PDI stage

Vehicles in circulation: Perform update at first available opportunity

Note: Warranty registration in the Sell-Out Management (SOM) system is automatically blocked on vehicles in inventory that have not had the recall completed. Therefore, it is imperative to perform the recall before the vehicle is sold and/or leaves the dealership.


Owner Notification: Each owner of a scooter included in this recall will be notified by first class mail. In this letter Piaggio USA will describe the details of the concern, the cause, and the correction addressed by this recall. In addition, Piaggio USA asks that each owner contact their respective Piaggio dealer to arrange an appointment to have the parts and labor required of this recall completed. Please make every effort to accommodate your recall customers within your existing service schedule. In addition, Piaggio USA has provided each recall customer with details of the TREAD Act Reimbursement program. In short, this program provides a plan to



reimburse a customer who has already paid for the same repair or update as described in the recall documents. A copy of the Owner Notification and the TREAD Act Reimbursement letters are included at the end of this bulletin.

Important Note: Under the National Traffic and Safety Act of 1966 as amended, if there has been a recall campaign, dealers must assure that all new vehicles and new items of replacement equipment are free of safety defects and comply with all applicable Federal Motor Vehicle Safety Standards at the time of delivery to the customer. This means that dealers may not deliver new motor vehicles or new items of replacement equipment to consumers unless the safety defect or noncompliance has been remedied before delivery.

VIN Identification:


1. Login to the Dealer Extranet: <http://dealers.piaggiouusa.com/Login/index.cfm>
2. On the left column, click on “**Aftersales**” then “**Service Site**” at the top of the screen
3. Once on the Service Site, find the heading “**Warranties**” (on left side menu) and click on “**GGP**”. Once the GGP portal opens, select “**Warranty**” then “**View Vehicle Data**”.
4. Enter the VIN number next to “**Chassis**” and select the “**Search**” button 
5. Click on “**Tech Update-Recall Campaign**” to view the technical updates or recalls that **apply** to the VIN.
6. Click on “**Maintenance jobs**” to view any technical updates or recalls that **have been completed** and already claimed for by a dealer.

Parts to Order: **CM088402** Efi Tech-Vespa & Fly Ignition Module (USA)

Warranty Claiming:

1. Follow the steps above to access the GGP system, select “**Tech. Update- Recall Campaign**”, and then “**Enter Recall Campaign Claim**”.
2. Enter the VIN number under “**Frame**” and tab down using the TAB key on your keyboard
3. Under “**Element**”- select “**50cc 4T-4V- Ignition control unit**”
4. Under “**Coupon Type**” select, “**Extraordinary**”.



5. Under “**Coupon Number**” click the Question mark (?) and a pop-up box will appear. Click on the number of the coupon that applies to the procedure that was performed (1, 2, etc) in the coupon box.
6. In the “**Km / Mls**” box, enter the mileage of the bike.
7. In “**Document No.**” enter your in-house repair order number.
8. In “**Document type**” select “**invoice**”.
9. Under the “**Date Carried Out**”, enter the date in European format (dd/mm/yyyy)
10. When you are finished, submit the claim by clicking on the “**Diskette Icon**”  in the upper left hand corner of the screen.

Important note: In order to begin the payment process, Recall claim/Tech update submission must be followed by “**Carrying-Out**” the recall or update. This is the last step in the claim process, confirming that the work has been completed by your dealership. “**Carrying-out**” recalls or updates is performed under the function “**View/Confirm Recall Coupons**” in the GGP menu. Please see Piaggio Service Communication 2010-003 “Update to “Recall Campaign Function” for more details.

Warranty Reimbursement: Part CM088402 plus 20 minutes labor.

Please contact your Technical Service Representative should you have any questions.

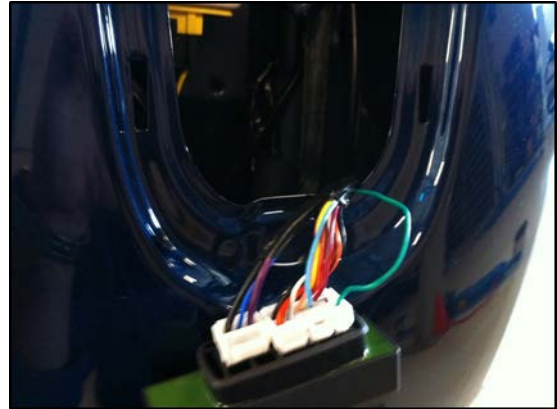
Kind regards,

Piaggio USA
Technical Services

Repair Procedure

Removal

Open the front shield cover and remove the control unit, being careful to remove the protection cover.



Control unit installation

Reposition the protection cover



Objectification

Signify the completed operation with a white paint dot.
Reinstall the control unit and then the front shield cover.





Check air gap pick-up

Remove the two screws from the SAS box leaving them connected (this allows you to leave the clips in place on the SAS tube), then check the gap.

Make sure that the air gap is 0.5 mm, otherwise loosen the pick-up retainers and reposition at 0.5 mm using a feeler gauge with a tolerance of +/- 0.05 mm.

