

Technical BULLETIN

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ALL 2008 PZ50GTX/MTX MODELS Insufficient Heat Output from Grip Warmers

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INTRODUCTION

Symptom: On affected models, the grip warmer heat output may be insufficient at the higher heat settings.

Cause: During assembly, a sub-harness wire was not installed in the main wire harness.

Remedy: Install the missing grip warmer sub-harness to correct the wiring for the grip warmers during unit assembly and Pre-delivery Inspection (PDI) as per this bulletin.



DEALER ACTION SUMMARY

Unsold

Units: During assembly, install a grip warmer sub-harness wire on all affected units.

Sold

Units: First, check on YDS to confirm that this modification has not already been performed (or refer to the *Identification Procedure* section in this bulletin). Then, please contact your customers to arrange a convenient time to install the grip warmer sub-harness wire.

Parts

Required: Yes, order one Grip Warmer Sub-harness (see *Parts Information* section for more details).

Warranty: Submit a Service-Per-Bulletin (90 Code) Warranty Request for parts and labor.



AFFECTED RANGE

All 2008 PZ50GTX (Phazer GT)
All 2008 PZ50MTX (Phazer MTX)



SERVICE PROCEDURES

For the following procedure, refer to the appropriate Assembly Manual (P/N: LIT-12666-02-68) or Service Manual (LIT-12626-02-58) available on YDS.

NOTE: If you are modifying a new unit assembled from the crate, start the procedure below at step 4.

1. Remove the windshield.
2. Remove the headlight cover. Remove the 3 bolts, on each side of the unit, to remove the left and right side panels.
3. Remove the headlight assembly and the fuel tank cover.
4. Locate the grip warmer wire harness connectors, on both sides of the unit, inside the rubber boots (see adjacent photo).

NOTE: The left side main harness connector wire colors are Black/Red and Yellow/Red. The right side are Black/Red and Black

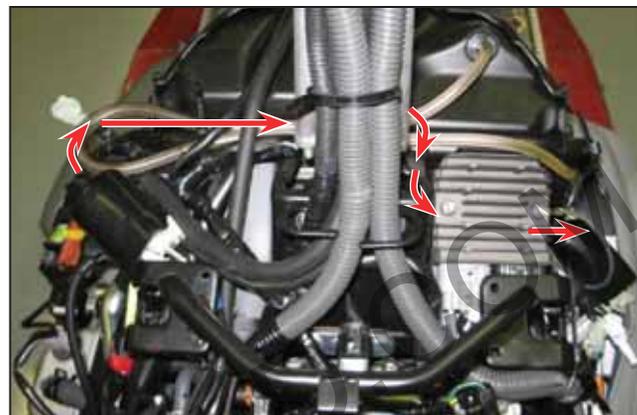
5. Disconnect the two grip warmer connectors.
6. Identify the left and right sides of the grip warmer sub-harness wire (see adjacent photo).
LEFT-SIDE: Yellow/Red single wire connector.
RIGHT-SIDE: Black single wire connector.
7. On the right side of the unit, insert the sub-harness through the back of the rubber boot, then connect it to the main harness and grip warmer as shown in the wiring illustration adjacent to step 10 on the next page.



- To route the new sub-harness, loosen the two plastic wire clamps that secure the fuel tank vent hoses to the steering gate (see adjacent photo). Install the sub-harness along the steering gate and behind the steering column. Retighten the plastic wire clamps as shown.



- Position the sub-harness inside the wire holder following the main harness routing (see adjacent photo). The sub-harness should be routed behind the regulator/rectifier.



- On the left side of the unit, insert the sub-harness through the back of the rubber boot and then connect it to the main harness and grip warmer as shown in adjacent wiring illustration.

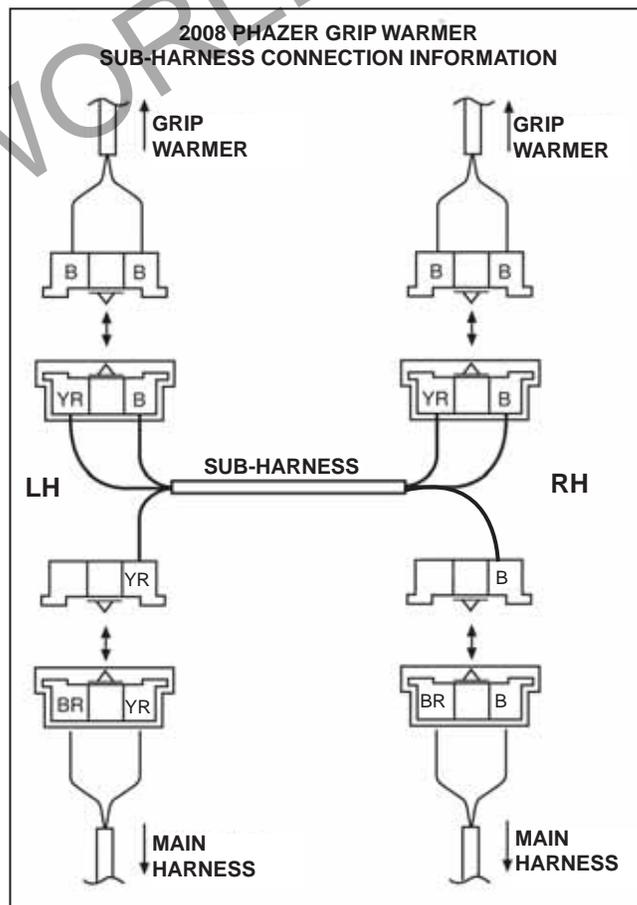
- Re-install the fuel tank cover and headlight assembly.

- Re-install the two side panels and bolts.

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| | Side panel bolt tightening torque: 8 Nm (0.8m•kg; 5.8 ft•lb) |
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- Re-install the headlight cover and complete the assembly of the unit.

- When the modification is complete, put a punch mark on the right side of the engraved VIN frame Ⓐ as described in the *Identification Procedure* on the next page.

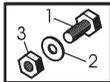




IDENTIFICATION PROCEDURE

Once the modification is completed, a punch mark is set at the end of the engraved VIN frame number (A) as shown. Before modifying a unit, check for this punch mark.

You can check the modification status by checking the Warranty Request Inquiry/Entry screen under Service Transaction in YDS or by contacting your Regional Technical Advisor (RTA).



PARTS INFORMATION

| Part Number | Description | Qty. | Dealer Cost |
|----------------|------------------------------------|------|-------------|
| 90891-50150-00 | PZ50 GT/MT Grip Warmer Sub-harness | 1 | \$10.32 |



WARRANTY INFORMATION

Service of all affected units is authorized regardless of warranty status.

To receive credit for the parts and labor, select **090UH** from the Problem Code pull down menu in the Yamaha Dealer System (YDS). If submitting a paper warranty claim, use Problem Code **90UH**. The labor allowance for this modification is **0.5** hour.