

Technical BULLETIN

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ALL 2014 SRVIPER & 2015 SRVIPER L-TX LE 1.25 MODELS

Product Update – ECU Reprogramming



INTRODUCTION

Problem: Last season dealers reported SRViper customers having issues such as hard starting (hot or cold), starter gear kickback, appearance of diagnostic codes P1338 and P1339, and poor off-idle performance.

Cause: ECU programming parameters did not meet all market situations.

Remedy: Reflash the stock ECU with new programming parameters provided by Yamaha.

NOTE: Except for the 2015 SRViper L-TX LE 1.25, all 2015 SRViper models already have the new ECU program parameters.



AFFECTED RANGE

Year	Model Name	Model Code	Frame Number		
			Prefix Number	From	To
2014	SR10RE	8JP1	8JP00	000101	000499
	SR10RSE	8JW1	8JW00	000111	000870
	SR10LE	8JX1	8JX00	000101	000870
	SR10LSE	8JY1	8JY00	000101	001383
	SR10XSE	8JR1	8JR00	000101	001718
2015	SR10LSFO	8JY2	8JY20	000101	000300



DEALER ACTION SUMMARY

IMPORTANT:

Before proceeding:

1. Check that the unit is included in the *Affected Range* section.
2. Also check that the unit has not already been modified (see *Identification Procedure* section).

Unsold

Units: Install the updated ECU program in all units being prepared for delivery.

Sold

Units: Install the updated ECU program in all units being serviced at your dealership.

Parts

Required: No. However, the YSDT (Yamaha Snowmobile Diagnostic Tool) is required to install the updated ECU program. Refer to Technical Bulletin S2014-004 for YSDT information.

Warranty

Information: Submit a Service-Per-Bulletin (90 code) warranty claim for labor. See the *Warranty Information* section for more details.



IDENTIFICATION PROCEDURE

A modified unit can be identified by the following:

- After modifying a unit, make sure to properly record and submit the warranty claim for this modification to update the unit's repair history in the Yamaha database. If you encounter an unfamiliar unit, check the Unit Status in YDS.
- An indication of the hardware-programmed part number "0730-225" or "0730-237," displayed in the ECU ID screen of the YSDT.

NOTE: You can always submit an Online Tech Support request to confirm modification status.



SERVICE PROCEDURES

Refer to the "ECU UPDATE Screen" in the YSDT User Guide on pages 16 ~ 17. Also, to view a video tutorial of the ECU reprogramming procedure, go to YDS Tech Library. Under the Diagnostic Tool tab, select YSDT, then select ECU Reprogramming Tutorial.

TIP:

Always ensure the battery is fully charged before attempting any service procedure, including this modification.

After modification is completed, always check and clear error codes.

IMPORTANT NOTES:

- **Reprogramming the ECU will take time, and any interruption in the process may cause the ECU to malfunction.**
- **Do not touch the keyboard or the mouse during the process.**
- **This revised ECU program does not alter emissions compliance.**
- **Turn off your computer's screensaver function before reprogramming. Also, do not use low-power mode or turn off your computer while reprogramming.**



WARRANTY INFORMATION

Service of all affected units is authorized regardless of warranty status, effective until October 14, 2015.

Submit a Service-Per-Bulletin Claim for the labor as described below using Campaign Number **090WG**. The labor allowance is **0.2 hour**.

As has been announced, Yamaha's new warranty system on YDS will go live on December 1, 2014. As a part of this transition, it will not be possible to submit a Service-Per-Bulletin Claim for this modification until December 1.

Do not wait to modify an affected unit once you have the YSDT and have downloaded the ECU update. However, if you complete the modification before the new warranty system is available, wait to submit the claim for that unit until December 1.

To submit your Service-Per-Bulletin Claim in the new warranty system on YDS, go to *Service>Warranty Claims / Authorization>New>Warranty Claim*. From the menu, select *Recall/ Service Per Bulletin Claim*.

Enter **090WG** as the Campaign Number.

The screenshot shows the Yamaha Dealer System interface. At the top, it says 'YAMAHA | Dealer System'. Below that, there's a section titled 'Add New Claim / Authorization'. Underneath, it says 'Unit Recall/Service Campaign'. A note reads: 'This screen allows you to enter Recall Request information for single or multiple Primary IDs. NOTE: The same recall information will be used for all of the primary IDs provided.' There is a text input field labeled '* Campaign Nbr:' with a red arrow pointing to it and the text 'ENTER 090WG HERE' next to it. At the bottom, there are several buttons: 'Primary ID', 'Finish Date', 'Miles Or Hrs', 'LOM', '*Repair Option', and 'Remove'.