



SNOWMOBILE

2/05/02

S2002-003

# TECH EXCHANGE

- SUBJECTS:**
- 1. Key Operated Main Switch Operation - 2002 Battery Equipped SXV700G/ERG Models**
  - 2. Electrical Problems Caused by Operating without A Battery - 2002 SXV700ERG**

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## **Key Operated Main Switch Operation - 2002 Battery Equipped SXV700G/ERG Models**

It is important to inform your customers who own 2002 battery equipped SXV700G/ERG Snowmobiles to turn the key operated main switch to the OFF position when the unit is not in use (e.g., not riding, parked or being stored).

If the key switch is left in the ON position, electric power is still provided to the YPVS servo motor. Over an extended period of time, the battery will be discharged leading to a possible premature battery failure.

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## **Electrical Problems Caused by Operating without A Battery - 2002 SXV700ERG**

The 2002 SXV700ERG (electric start model) electrical system is designed to operate with the battery installed at all times. This system does not use the smoothing condensers found

on the non-electric start models, therefore, operating the unit without a battery can cause symptoms such as tachometer fluctuation and low grip warmer heat.

If you have technical tips you think other dealers could use, let us know. You'll receive credit in the Tech Exchange for the ideas we use, and we'll send you an exclusive Yamaha Tech Exchange hat as our thanks.  
Send your tips to: Yamaha Motor Corporation, U.S.A., Attn: Tech Exchange, P.O. Box 6555, Cypress, CA 90630