

BULLETIN NO. 14/15-006 DATE: 09 Dec 14

TO: ALL ISR Affiliates running stock 120 classes

SUBJECT: Rev Limiter information

REV LIMITER INFORMATION

Q. Why do we have to run a rev limiter in Stock and Improved stock class?

A. Manufactures and the ISR started to see a decline in stock class racing due to the uneven performance between brands. The biggest performance difference was in engine rpms. During the 11/12 ISR rules meeting it was decided that options like an rpm rev limiting device would be implemented for the 14/15 race season.

Q. Who makes the rev limiter?

A. KOSO manufacturing.

Q. What engine rpm does rev limiter start working at?

A. 6800 to 6900 rpm (average 6820 to 6840) on all engines.

Q. Why was 6800 to 6900 rpm chosen?

A. After testing it was found that most all stock sleds that have been properly set up for racing can attain this rpm. Also this rpm will keep speeds close to the current speeds.

Q. How will this affect gearing between sled brands.

A. As with all changes in race rules there will have to be some testing by race circuits to find an equal and fair gear ratio. Check with your race Association for updates and the gear ratio for the race you will be attending.

Q. How is the rev limiter powered?

A. The limiter uses a 9 volt battery. Testing during cold conditions has shown good battery life. It would be recommended to have a spare available.

As with all new rules in racing there will be challenges to overcome to make the changes required.

Remember all good racers have the ability to adapt to change.