

BULLETIN NO. 20/21 - 0007**DATE: 1 March 21****TO: All ISR Racing Affiliates****SUBJECT: Four-stroke classifications in Drag Racing**

At the present time, four-stroke powered snowmobiles in Drag Racing have been classified into existing Drag Racing classes based upon the performance of each model.

The classification of four-strokes in Drag Racing is done by the 4-Stroke Classification Committee made up of the snowmobile manufacturers and ISR representatives.

Any four-stroke powered snowmobile that competes in any Drag Racing class must be assigned to that class by the Classification Committee. If a particular model or model variation is not classified, it is not allowed to compete.

To date, the following four-stroke classifications have been assigned:

CLASS	MODEL	ENGINE
500 Stock	2006 - 2014 Polaris FST 750 turbo	750 cc 4-stroke 2 cylinder fuel injected
500 Stock	2006 - 2007 Yamaha Nytro	973 cc 4-stroke 3 cylinder carburetor model
500 Stock	2005 - 2009 Yamaha Rage	973 cc 4-stroke 3 cylinder fuel injected (no turbo)
500 Stock	2007- 2021 Arctic Cat 1100 Models	1056 cc 4-stroke twin naturally aspirated
600 Stock	2008 – 2021 Ski Doo 1200 Models	1170.7 cc 4-stroke 3 cylinder fuel injected
600 Stock	2008 - 2014 Yamaha Nytro	1049 cc 4-stroke 3 cylinder fuel injected (no turbo)
600 Stock	2005 - 2009 Yamaha Vector	973 cc 4-stroke 3 cylinder naturally aspirated
600 Stock	2014-2019 Arctic Cat All 7000 Models	1049 cc 4-stroke 3 cylinder fuel injected (no turbo)
600 Stock	2014-2022 Yamaha Viper/Vector	1049 cc 4-stroke 3 cylinder fuel injected (no turbo)
600 Stock (single pipe)	2008 – 2021 Ski Doo 1200 Models	1170.7 cc 4-stroke 3 cylinder fuel injected
600 Stock (multi-pipe)	2005 – 2008 Cat T660 Turbo	658 cc 4-stroke 3 cylinder fuel injected
600 Stock (multi-pipe)	2006 - 2010 Yamaha Apex	998 cc 4-stroke 4 cylinder fuel injected
600 Stock (multi-pipe)	2003 - 2005 Yamaha RX1	998 cc 4-stroke 4 cylinder naturally aspirated
600 Stock (multi-pipe)	2006 - 2010 Yamaha Attack	998 cc 4-stroke 4 cylinder naturally aspirated

CLASS	MODEL	ENGINE
600 Stock (multi-pipe)	2011 - 2020 Yamaha Apex	998 cc 4-stroke 4 cylinder fuel injected
600 Improved Stock	2003 - 2005 Yamaha RX1	998 cc 4-stroke 4 cylinder naturally aspirated
600 Improved Stock	2008 - 2021 Ski Doo 1200 Models	1170.7 cc 4-stroke 3 cylinder fuel injected
600 Improved Stock (700 lbs)	2006 - 2010 Yamaha Attack	998 cc 4-stroke 4 cylinder naturally aspirated
600 Improved Stock (700 lbs)	2011 – 2018 Yamaha Apex	998 cc 4-stroke 4 cylinder fuel injected
600 Improved Stock	2008 - 2021 Ski Doo Models	1170.7 cc 4-stroke 3 cylinder fuel injected
700 Improved Stock	2006 - 2018 Yamaha Apex	998 cc 4-stroke 4 cylinder fuel injected
1000 Open Modified and Heavy Modified	Any four stroke engine manufactured for snowmobile use	Maximum 1200 cc, turbo charged with restrictions (see ISR rulebook)
1000 Open Mod	2008 - 2021 Arctic - All 1100 Turbo Models	1056 cc 4-stroke twin with turbo charger

1000 Open Mod: 2018-2022 Yamaha Sidewinder/SRX Thunder Cat: 998cc 4-stroke 3-cylinder with turbocharger

If a specialty 1000 Improved Stock Class that includes turbo chargers are to be run the following snowmobiles have been classified to compete in that class.

CLASS	MODEL	ENGINE
1000 Improved Stock	Arctic Cat 2008-2022 All 1100 Turbo Models	1056 cc 4-stroke twin with turbo charger

1000 Improved Stock: 2018-2022 Yamaha Sidewinder/SRX Thunder Cat: 998cc 4-stroke 3-cylinder with turbocharger

NOTE: No other four-stroke classifications have been determined. A stock classified four-stroke may not move into Improved Stock or Pro Stock until it has been classified for the class by the Classification Committee.

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Clarification Bulletin - Drag Racing for All - Four Stroke Stock Sleds.

Four stroke stock sleds, when moving to Improved Stock classes must run in Stock "trim" with no alterations, unless specifically mentioned. At this point, no specific items are mentioned, so no alterations are allowed.

All components of the engine package must remain in place and be unaltered. Air boxes, plenums, or air delivery systems, exhaust systems are considered part of the engine and may not be removed, altered or changed.