



**POLARIS**<sup>®</sup>  
**RACING**

## **2018 600R Snocross Race Prep List**

1. Check IFS coil spring preload is at 3/8", with sled off the ground
2. Check wire harness routing under seat, check that wire harness is routed away from heating pad
3. Check engine coolant level and routing of overflow hose
4. Check chain case oil level
5. Check chain case chain tension (hand tight, then 1/2" turn loose)
6. Check drive belt deflection
7. Check for full open of throttle (carburetor slides are topped out)
8. Check steering rack/lower steering post is centered to upper post (adjust steering drag link if necessary)
9. Check ski alignment (1/4" toe out)
10. Check preload of front track coil over spring (1/8") with limiter straps in place
11. Check Alignment of primary and secondary clutch's (new alignment tool is required, contact Race Dept.)
12. Check condition of the lock washer's that is on the rear suspension tunnel mounting bolt
13. Align track and adjust tension (raise rear of sled and measure tension where there is the most drop in the track, adjust until top of track drive cog is flush with bottom of hyfax)
14. Check coolant hose (5412803) from tunnel cooler to brake caliper for proper routing

15. Check brake line routing path
16. Silicone throttle cable tab into throttle lever
17. Silicone belly pan to chassis, plenum (air intake under hood) to hood
18. Silicone and or install closed cell foam to seal headlight to hood
19. Radius 90 deg edge on throttle block
20. Move throttle lever pin washers to underside of lever
21. Check that exhaust pipe damper (5416565) is making contact with chassis over structure (shim if not in contact)
22. Click ignition timing box from G to **D**
23. Grease inside of limiter straps to allow smooth pivoting action of limiter strap on cross shaft
24. Safety wire front track spring clip to shock shaft loop to prevent spring clip from moving or coming off
25. Replace stock kill switch with push button kill switch (#4010311)
26. Check choke lever/cable tension
27. Install snow flap straps that meet ISR rules for competition ([www.isrracing.org](http://www.isrracing.org))
28. When studding the 128" track you must skip 3 bars total to meet the 96 stud limit. Do **not** stud every 17<sup>th</sup> track bar to achieve

For updates throughout the race season visit the Polaris Racing "Racer Resources" page at <http://www.polaris.com/en-us/snowmobiles/racing/tips>