



2018 600 XCR Switchback Cross Country Terrain Racing settings

All part numbers listed are Polaris part numbers unless otherwise noted.

Gearing: 22 tooth top gear (Stock)
41 tooth bottom gear (Stock)

Tracks: Camso 136" Cobra (#5413655 *stock) or Camso 136" Ripsaw2 (#9216H *Camso direct part number)

Suspension Springs:

IFS: 120lbs/in coil over spring 11.5" x 1.88" I.D. (#7041575-067)
Front track: 150lb/in coil over spring 8.25" x 2.25" I.D. (7044595-458)
Rear track: 130lbs/in coil over spring 11.50" x 1.88" I.D. (Stock)

Sway Bar: No sway bar or stock XCR sway bar

Fuel: Use **non-ethanol** 91 octane premium pump gas, select 91-NON fuel curve on vehicles digital dash display

Oil Injection: Use Polaris VES race synthetic 2-cycle oil (2878243-quart) or (2878191-gallon)

Clutching: Order the below clutch springs and helix from Venom Products, www.venomproducts.com
1-210135-010 – primary spring 165/327 (option spring) 1-955557 – secondary spring 175/240 (option spring)
1-LW420453 – straight helix 42/44 1-210135-013 – primary spring 180/320

Order the below secondary clutch spring, weights and drive belt from Polaris
1-7043063 – secondary spring 155/222 1-3211165 – drive belt (stock)
3-1321584 – 10/66weights (option weights)

Skis: Order skis from USI at www.usi-skis.com
USI SPX ski (#SPX-YW)
USI 301 high performance mount shoe (#po1-hpb)

or

Order skis from C&A Pro at www.caproiskis.net
XCS ski (#0410)
Mounting Kit (#76000224)



Traction Products: Contact Stud Boy Traction products at www.studboytraction.com.

*stud protectors are not required

Controls: replace the stock kill switch with the push button below and install the below tether asm. There is an open port for the tether under the fuel tank cowling in front of the fuel cap

1-4010311 – push button kill switch 1-4010849 – tether 1-7556212 – tether washer

Brakes: Hayes aluminum angled brake lever (#0617001) *(available from Race Dept)

Suspension spring preloads: .500” preload on IFS spring, .250” preload on front track spring, 1.500” preload on rear track spring

Shock compression clicker settings: (clickers set from stiff setting clicked out)

IFS: High speed – 5 clicks out, Low speed – 6 clicks out

Front track: High speed – 4 clicks out, Low speed – 4 clicks out

Rear track: High speed – 5 clicks out, Low speed – 4 clicks out

Clutching Spec: 10-64 weights, 180/320 primary spring, 155/222 secondary spring, 42 degree helix and 3211165 belt. Target RPM is 8350

Rules: for the rules pertaining to this class go to the International Snowmobile Racing website, www.isrracing.org

To order any of the Polaris Parts listed on this sheet contact Brad Seavers at the Polaris Race Dept 715-355-3008 or bradley.seavers@polaris.com

For any race setup questions contact Ben Hayes at the Polaris Race Dept 715-355-5157 or Ben.hayes@polaris.com