

# POLARIS RACING

## *2021 Polaris Racing Soo 500 Race Kit*



The Polaris Race Department is offering a limited build Soo 500 kit for the 2019 & 2020 600R. The kit consists of the Polaris parts needed to convert a 600R race sled for the Soo 500. The cost of the kit is \$5,500.00 (kit description below). A full deposit is required to order the kit. Orders must be in by **June 30th**. Contact Ben Hayes at the Polaris Race Department (715) 355-5157 ext:12 or [ben.hayes@polaris.com](mailto:ben.hayes@polaris.com)

## **600R Soo 500 Polaris Soo Kit**

2-0717002 - Walker Evans velocity series IFS shocks, custom

1-0617012 - Walker Evans front track shock, custom

1-7044973 – Walker Evans Rear track shock, Custom

1-7043466-329 - LH torsion spring

1-7043467-329 - RH torsion spring

1-5251975-329 - bar, sway, .531”

4-5437540 - bushing

2-5134458 - clamp, mounting

4-7542122 - nut, nylok

1- 5252422 - bracket, mount, LH

1-5252423 - bracket, mount, RH

1-5252449 - bracket, support, LH

1-5252450 - bracket, support, RH

4-7515203 - bolt, carriage

4-5133860 – pivot shaft

8-5438764 – bushing, plastic

1-0818003 - upper, RH control arm, Assembly, Custom

1-0818002 - upper, LH control arm, Assembly, Custom

1-2204481-458 - lower, RH control arm, customized

1-2204480-458 - lower, LH control arm, customized

1-1823792 - spindle, LH

1-1823793 - spindle, RH

4-5438460 – bushing, spindle

2-5521633-070 – black hiFax

2-1541642 - inner, bogie wheels

2-1590317 - bogie wheels

2-1240127 - tunnel heat exchangers  
1-2202373 - rear tunnel cooler kit  
2-5631065 - bogie wheel mount  
2-7515317 - bolt  
2-7515346 - bolt  
4-7542324 - nut  
2-7556179 - washer  
1-1544212-329 – Front Torque arm  
4-5521498 - tall front/rear arm rail bumper  
4-5432946 - tall bumper insert  
1-1590399 - drive axle, 4 driver involute  
1-5451234 - windshield, Mid Clear  
12-5433150 - hood strap  
1-2203053 - brake lever, aluminum  
1-0717003 - handlebars, custom  
1-5438523 – cover, handlebar  
2-7052005 - vent line T's  
4-7052127 - air box fitting  
2-3130826 - vent line, carb  
1-5451670 - holder, belt  
1-3221109 - 74 pitch chain  
1-2411007 - handle bar heater, RH  
1-2412383 – long handle bar heater, LH  
1-7041988 - primary spring, almond/red  
2-5413032 - limiter straps  
1-5452369-070 - cover, taillight  
1-2411099 - taillight

2-7517790 - screw  
1-2411441 - taillight harness  
2-0717004 - 128" Soo Rails, custom  
4-7556156 - washer, rail support  
4-1590388-070 - rear axle wheels  
2-5434355 - rail tips  
2-5132444 - adjusting blocks  
4-7510504 - bolt  
4-7541925 - nut  
8-7555783 - washer  
4-7555827 - washer  
4-7542153 - nut  
2-7518993 - bolt  
2-7556064 - washer  
4-7515102 - bolt  
4-5138648 - bushing, aluminum  
1-2411092-432 - taillight, small  
4-7547339 - nuts, taillight  
1-2411537 - harness, taillight  
3-1321588 - 10-58 weights  
3-1321684 - 10-56 weights  
1-3211215 - belt, drive  
2-7515199 – screw  
2- 7517773 – tension bolts  
2- 7547156 – tension nuts  
1- 7547423 – nut  
1-5137360 – bushing, shock

1-7518971 – screw, shock  
2-0717005 - narrow pull rods, custom  
1-0717006 - upper steering post, custom  
1-0717007 - lower steering post, custom  
1-0717008 - mount, lower steering post, custom  
1-0717009 - rack, steering, custom  
1-2878723-wind deflectors, side panel  
1-2520598 bottle, coolant  
1-5411507 hose, T to engine  
1-5412709 hose, brake cooler/bottle  
1-5812520 spacer, rubber  
1-5255566 bracket, coolant bottle  
1-5251444 deflector, snow, exhaust  
2-7512377 bolt, carriage, exhaust deflector  
2-7542321 nut, flange, exhaust deflector  
1-7043063 – secondary spring 155/222  
4-7519052 – sway bar link bolt  
2-7556524 – flat washer  
4- 7547332 – sway bar link nut  
2- 0818001 – sway bar link  
20-7621432 – black rivets, tunnel heat exchangers  
10-7661637 – gold rivets, sway bar brackets  
2-1800033 – bushing, urethane  
1-1800039 – sleeve  
1-5132066 – rear axle  
2-7517731 – bolt, rear axle  
2-7556130 – washer, rear axle

1-5137889 – shaft, rear coupler blocks  
3-7517921 – Thru bolt, coupler blocks, lower pivot, H-bracket  
12-7556188 – flat washer  
1-1541713-067 – arm, rear pivot  
1-5334026 – shaft, rear pivot  
2-7555893 – flat washer thick, rear pivot  
1-1541711-067 – H-bracket  
4-7518005 – Bolt, H-bracket and lower limiter bar  
1-5133232 – Shaft, H-bracket  
1-5333906 – sleeve, lower FT shock  
1-5133233 – Bushing, H-bracket to pivot  
1-1542055-067 – arm, shock pivot H-bracket  
2-7515417 – Bolt, pivot to H-bracket  
14-7547263 – Nut, nylock  
2-7517980 – Bolt FT arm to tunnel  
2-7555984 – Flat washer  
2-7547066 – Nut, nylock  
2-5136206 – Sleeve, FT arm  
4-7517313 – bolt, limiter straps  
8-7556175 – Flat, washer limiter straps  
4-7542344 – Nut, nylock  
1-5010422 – Bushing, upper RT shock  
1-7512410 – Bolt, upper RT shock  
1-1542602-329 – Rear Torque arm  
2-7517851 – Bolt, pull rods  
8-7555797 – Flat, thin washer pull rods  
2-5334475 – sleeve, pull rods

2-5334482 – spacer, pull rods  
1-5334025 – Shaft, rear torque arm  
1-7517232 – Bolt, Rear torque arm  
2-1542599 - ASM., extra travel arm  
2-7515415 – Bolt, extra travel arm  
2-5134678 – Threaded bushing, extra travel arm  
2-7555945 – Thrust washer  
1-5020723 – shaft, lower limiter strap  
2-5434389 – Spring hanger  
2-7661123 – Pin, hanger  
2-7661644 – clip, hanger  
2-7555918 – Bushing, rear axle  
1-5333283 – Spacer, rear axle  
2-5432535 – spacer, rear axle  
2-5139176 – spacer, rear axle alum  
2-5139805 - rear coupling blocks alum  
2-5432983 – hanger, preload  
2-7080394 – clip, push on  
2-5436884 – sleeve  
2-7555787 – washer, rear arm  
2-5134706 – spacer, rear arm  
2-1590343 - rear carrier wheel  
2 -5333948 – bushing, hanger