

POLARIS RACING

2025 Polaris Racing Soo 500 Race Kit



The Polaris Race Department is offering a limited build Soo 500 kit for the 2021 thru 2024 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 \$7,400.00 (kit description below). A full deposit is required to order the kit. Payment must be in by **June 10th**. Contact Ben Hayes at the Polaris Race Department (715) 355-5157 ext:12 or ben.hayes@polaris.com

600R Soo 500 Polaris Soo Kit

2-0818058 - Walker Evans 2.0" 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

2-7045096-458 – IFS spring 125lb x 2.25" I.D.

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

4-5145141 – pivot shaft, 7075

8-5438764 – bushing, plastic

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

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

1- 0818043- lower, RH control arm, Assembly, customized

1-0818044 - lower, LH control arm, Assembly, customized

1-1823792 - spindle, LH

1-1823793 - spindle, RH

4-5438460 – bushing, spindle

2-5458667 – Vespel hiFax

2-5135352 - inner, bogie wheel Spacer
2-1240127 - tunnel heat exchangers
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
1-5451670 - holder, belt
1-3221109 - 74 pitch chain
1-2411007 - handle bar heater, RH
1-2412383 – long handle bar heater, LH
1-7045965 - primary spring, 165/310
2-5417676 - limiter straps
1-5452369-070 - cover, taillight
1-2411099 - taillight
2-7517790 - screw
1-2411441 - taillight harness
2-0717004 - 128" Soo Rails, custom
4-1590388-070 - rear axle wheels
2-5438374 - rail tips
2-0818041 – Race Dept Billet quick adjusting blocks
2- 7520083 – tension bolts
2- 7547746 – tension nuts

4-7510504 - bolt
4-7541925 - nut
8-7555783 - washer
4-7555827 - washer
4-7542153 - nut
2-7518993 - bolt
2-7556064 - washer
4-7515102 - bolt
1-2411092-432 - taillight, small
4-7547339 - nuts, taillight
1-2411537 - harness, taillight
3-1321588 - 10-58 weights
3-1321684 - 10-56 weights
1-3212338 - belt, drive
2-7515199 – screw
1- 7547423 – nut
1-5137360 – bushing, shock
1-7518971 – screw, shock
2-5249817 – Pull Rods
4 – 7542411 – Thin flexloc nut
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
2 – 1800406 – bushing
1 – 1800405 - sleeve- 1.150
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

2 – 7556301 – Bushing, 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
4-7518070 – bolt, limiter straps
8-7556175 – Flat, washer limiter straps
4-7542344 – Nut, nylock
1-5010422 – Bushing, upper RT shock
1-7515540 – 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
2-7555945 – Thrust washer
1-5020723 – shaft, lower limiter strap
2- 5456008– 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
2-7555871 – washer, rear arm
2-5134706 – spacer, rear arm
2-1590343 - rear carrier wheel
1 - 2688110 - Low Race seat assembly
1 – 0818033 – FT Spring 2.25” x 6” x 125lbs
2 – 1800925 – FT spring clip 2.25”
2 - 5142725 SHAFT-PIVOT FTA to rail
2 - 7521211 SCR-HH-M12X1.5X60 10.9, Bolt FTA to rail
2 - 7556994 WSHR-M12X25X1.6 THRU HARD, washer FTA to rail
2 - 5268719 BRKT-RAIL REINFORCEMENT
3 - 7080424 FITTING-LUBRICATION 1/4-28
2 - 5142772 SHAFT-PIVOT, FTA to tunnel
2 - 7521086 SCR-M12X1.5X75,CL 10.9
2 - 7556874 WASHER-SPRING 12.5X31.75X3.175
2 - 7547464 NUT-HEX-M12X1.5 8 ZOD NYL
2 - 7555908 WASHER-THRUST, 12.10X24X1.07
2 - 5142775 SHAFT-ARM M12
2 - 7556874 WASHER-SPRING 12.5X31.75X3.175
2 - 7521085 SCR-M12X1.75X30,CL 10.9

2 - 5142783 SHAFT-SPRING ROLLER M10
2 - 7519223 SCR-HH,M10X40 10.9 ZPC P8
2 - 7556800 WSHR-10.5X31.8X3.43 ZOD HRD
1 - 0818047 FTA Track Guide Kit
1 - 5410613 O-RING
1 - 5020588 SLEEVE, SEAL