

# KS8C Rebuild Plan

Wednesday, September 24, 2025 9:16 PM

## Planned Competition Schedule:

- Barnesville November 2025
- SCCA Atlanta Event 1 March 2026
- Formula South April 2026
- Michelin Shootout September 2026

Goal: Get Car Racing for Barnesville 2025

## Car Rebuild Plan:

- High Priority:
  - o Wheel Hubs
  - o Rotors
  - o Pedal Box
  - o Rebuild Dampers
  - o Order Regulator for Shifting
  - o Clutch Cable
    - Sam ordered one
  - o Wheel Inserts
- Mid Priority:
  - o Rotor Pins
  - o Toe Alignment Jig
  - o Re - Do Wiring Harness
    - Future Proof the Wiring Diagram
  - o O2 Sensor
  - o Muffler
    - Check if Pieces cut
  - o Intake
    - Aluminum Remake
  - o Impact Attenuator
  - o Flush Control Arm Spherical and Rod Ends
  - o Toe Rod - Bent
  - o Throttle Body
- Down the Line:
  - o Revisit the design for Diff Carriers
  - o Suspension Hardware
  - o Re Do Suspension Linkages
  - o Fuel Tech - Tuning Class
- Check:
  - o Brake Calipers
  - o Wheel Bearings
  - o Driveline Bearings
  - o Steering Rack

## Money:

- Regulator Ordered through Richard
- Shock Rebuild

- Ask Georgia Southern @Wasim

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People:

- At Monday Meeting with Slide
  - This is when Meetings are going to start
- 2 VD, 1 LV, 2 Combustion, 1 Business Person

Time:

- Senior Design - Brenden
  - Engine Tear Out - End of Next Week
  - 2 Weeks with ETS, 2 Weeks of Tuning
    - Needs new Sprocket
- 3 - 4 Week Remanufacturing Timeline
  - Get with Garrett on planning with manufacturing

Notes:

- Brenden Senior Design ETS

# Pedal Box - Rebuild

Thursday, October 2, 2025 9:32 PM

Brake bushings

Brake external retaining ring

Oil-embedded flanged sleeve Bearing for brakes

Brake pedal pivot

Brake pivot spacer

# Meetings

Saturday, October 04, 2025 8:32 PM

[Meeting-PPT-Template.pptx](#)

---- October 2025 ----

Tuesday, October 7, 2025 3:42 PM

Week of 09/28 - 10/04:

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday

What's needed to get the KS8C in running state:

- Front Uprights **Need**
- Wheel Hubs - New design Rear Hubs ???
- Brake Calipers **2 But ask Emil**
- Pedal box
- Impact Attenuator **NTO**
- Clutch Cable
- Pneumatic Shifting - Diagnose and Fix @Wasim
- Intake **Just need to weld**
- Driveline - Reassemble
- Drexler - New Seals @Richard to order
- Exhaust **WELD?**
- Steering Rack - Rules Legal @Sammy if we really need it rules legal
- Bearings - Wheel + Driveline @ micah pulling the bearing
- Rear Damper @ Sammy and Wasim about getting it sent off to get fixed

For getting running on ETS:

- Harness for ETS
- McMaster order for Sprockets

Stuff to test while on ETS:

- Pneumatic Shifting
  - o Get regulator

Before Car Drive:

- Need Intake
  - o Ram pipe
  - o Burst Plate
  - o Get welder to weld it

Week of 10/05 - 10/12:

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			Putting Engine on Stand			

Week of 10/13 - 10/20:

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday

Week of 10/21 - 10/28:

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday

Week of 10/29 - 11/01:

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday

# KS8C 26 Budget

Wednesday, October 15, 2025 2:05 PM
