



TECH REQUIREMENTS

Equipment Requirements:

1. **SA2015+ or SFI24.1 or 31.1 open or full face helmet. SA2020+ will be required starting in 2027.**
2. **2LB+ or E50+ fire extinguisher charged and securely mounted within reach using a metal bracket (do not use self tappers).**
3. **CONVERTIBLES with hard or soft tops must have a 4-point roll bar at a minimum. The top of your helmet must sit below the plane created between the top of the roll bar and top of the windshield frame.**
4. **Roll cages are not required for sedans and coupes. If equipped, cages must be built safely with roll bar padding where occupant helmets can contact. Cage must align with Formula Drift, SCCA or NASA specifications.**
5. **Acceptable seat and harness configurations:**
 - a. **No cage: factory seat belts and factory or bucket seats**
 - b. **Harness bar: bucket seat w/ harness slots; 4, 5 or 6-point harness; Roll bar or 4 point cage HIGHLY recommended.**
 - c. **6+ point cage: fixed back bucket seat w/ harness slots; 4, 5 or 6-point harness.**
 - d. **Shoulder harnesses shall be between 0° and 20° drawn down from horizontal of your shoulder. Harnesses cannot be mounted to the floor or bolt holes from the rear seat, they must be properly secured to the harness bar or roll cage.**
 - e. **Harness mounts bolted or welded with appropriate washers or plates to distribute load.**
6. **Factory or aftermarket tow hooks and/or straps must be accessible at the front and rear of the vehicle within 30 seconds.**

GENERAL TECH NOTES

- We use a yearly tech system. All vehicles may be subject to an inspection at any time.
- Ratchet straps, self tappers and zip ties will not be accepted as the primary means of securement for anything permanently mounted to the vehicle (battery, fuel tank, fire extinguisher, hood, etc).
- We want you to drive. We will do everything we can to help get you through tech without cutting corners.
- We want everyone else to drive. Cars with tech issues have more problems on track, where it will result in longer grid times and less laps for everyone else.
- Contact Matt Sparks on Instagram, Facebook or Discord for tech questions.

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Vehicle Requirements

1. **Water + water wetter only - NO ANTIFREEZE unless it's freezing (typically October 15th to April 15th)**
2. **Body panels are required. Body panels include fenders, doors, hood and hatch/trunk. Due to the nature of drifting, bumpers and side skirts are not required at all times.**
3. **Hood and trunk securely latch. No ratchet straps.**
4. **No loose interior or exterior parts.**
5. **Working brake lights.**
6. **No fluid leaks.**
7. **Proper coolant overflow and oil catch cans - no Gatorade bottles or Monster cans!**
8. **Fuel cells and tanks must be securely mounted and sealed.**
9. **Battery properly tied down (no ratchet straps or zip ties) with insulated positive terminal (electrical tape at a minimum).**
10. **Clutch/brake master cylinder heat shield if on exhaust side of engine.**
11. **All lug nuts present and tight.**
12. **Vehicle does not have excess suspension play.**
13. **Exhaust noise limit is ~115dB at 10ft from the exit of the exhaust to maintain <90dB at the property line. Generally speaking, turbo cars can be straight piped, but supercharged and naturally aspirated cars need mufflers.**
14. **NO OPEN DIFFERENTIALS. Torsen (1 way, results in snap oversteer) and VLSDs (eventually fail) are marginally acceptable. Clutch type or fully locked (welded or spool) are recommended.**
15. **Windshields must be free of damage that obstructs the drivers view.**
16. **No fully electric vehicles.**
17. **Must have fenders that cover the rear tires.**

Driver Requirements

1. **Drivers must be at least 18 years old to sign and drive. Drivers 14-17 years old must have a parent or guardian sign the release form and be present throughout the event.**
2. **Passengers must be at least 12 years old and fit securely in their seat and helmet.**



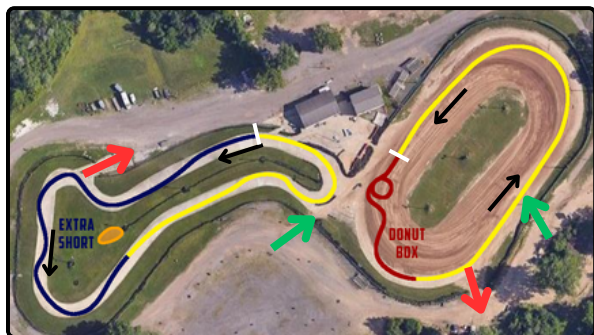
RUN GROUPS

- **C Group** Comfortable in car, capable on track.
 - Driver Expectation Everybody starts in C group. If you've drifted other tracks, you can move straight to extra short course.
 - Grid Flow C group will run on extra short course, with the donut area to help teach the basics, at a slower pace.
 - Jackson Layout Donut Box & Extra Short Course
 - How to get out of the donut box Clutch kick into a donut around the barrel 3-4 times (hug the barrel and work out to the edge of the box), smoothly transition from the donut into a drift around the cone, then smoothly transition into a drift through the bank with a controlled shut down at the end. Do this twice in a row.
 - How to get in B group Complete 5 laps in a row running an 80+ point lap
- **B Group** Comfortable on track, capable in tandem. Runs alongside A group.
 - Driver Expectation Comfortably confident drivers who are easily linking the track, loosely tandeming and seldomly spinning.
 - Grid Flow Solo laps or 2 car tandems.
 - Jackson Layout Short Course & Long Course (NO DRIFTING OVAL)
 - How to get in A group Complete 4 tandem laps (2 chase, 2 follow) in a row running 80+ point laps. Your partner can be an A or B group driver.
- **A Group** Comfortable in tandem. Runs alongside B group.
 - Driver Expectation Very confident drivers who are consistently shredding the track, regularly tandeming, and very rarely spinning.
 - Grid Flow HOT grid with multi car tandems.
 - Jackson Layout Short & Long Course - ONLY GROUP ALLOWED TO DRIFT OVAL

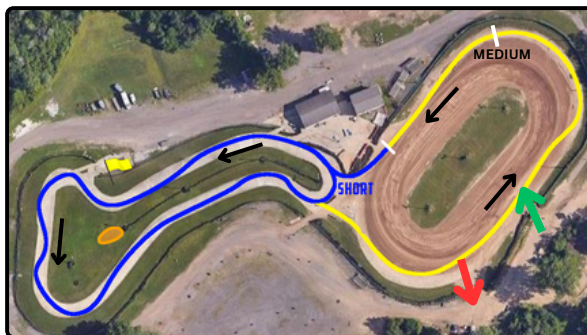
JACKSON: Only ask to get moved up a group if you can demonstrate the passing criteria.

OTHER TRACKS: We rely on drivers to self-regulate and will ask you to move if we think you should be in another group.

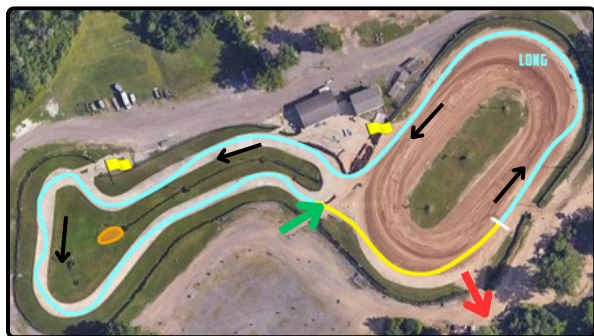
EXTRA
SHORT



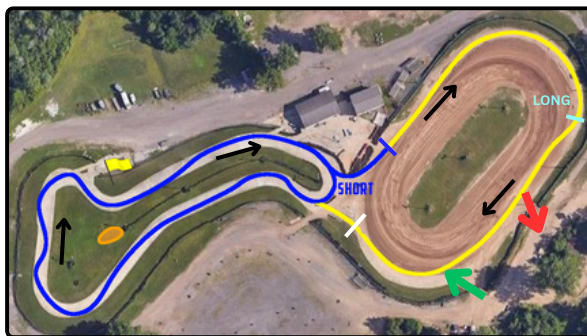
SHORT +
MEDIUM



LONG



REVERSE



EQUIPMENT & SETUP ADVICE

Minimum Recommended Equipment:

- Welded or clutch type differential (required)
- Coilovers with adjustable dampers (not just lowering springs)
- Locking handbrake (cable or hydraulic, in-line or dual caliper)
- Bucket seat (fixed back recommended)

Equipment Notes

- **COOLING:** Upgraded power steering coolers, radiators, and oil coolers are all good additions to a drift car since every fluid tends to overheat.
- **BASH BARS:** Max 1.5" 0.095 mild steel only, but we recommend thinner (1.25" 0.087). This can help save your chassis in a wreck and mitigate damage to other cars.

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THE MMDC DISCORD



Get advice or grab some
laps on Assetto Corsa.

Drift Car Setup Advice

- **Alignment:** adjust in $\frac{1}{8}$ " or 1° increments. Corner balancing recommended.
 - **Front:** TOE: $\frac{1}{8}$ - $\frac{1}{4}$ " out helps turn in. CAMBER: -4 - 7.5° (-5° base), set based on fitment and lead tire contact patch at $\sim 80\%$ max angle; lower for dual A-arm than MacPherson. CASTER: 5 - 9° (7° base) based on feel with higher values increasing self steer.
 - **Rear:** TOE: 0 - $\frac{1}{4}$ " in; 0 " base for a looser car, $\frac{1}{8}$ " + to increase forward bite in drift. CAMBER: 0 - 1° ($+0.5^\circ$ base), adjust based on tire wear to maximize contact patch.
- **Tire Pressure:** adjust in 10psi increments and check pressures as your tires heat up
 - **Front:** 35-90psi front (55 base for 300TW). Increase if over rotating or trying backies.
 - **Rear:** 15-90psi rear (35 base for 300TW). Increase if bogging or snapping straight.
- **Coilovers:** adjust in 2-5 click increments. Do not set your damper to full hard.
 - **Front:** 90% hard (2-5 clicks from full stiff), +50-100% over base spring rate.
 - **Rear:** 80% hard (4-8 clicks from full stiff). +0-50% over base spring rate.

Drifting Advice

- Go wider. You can't have cool tandems if you're boxing out the follow car.
- Look ahead. Especially if you're in tandem. If you're the 4th car in tandem, you should know if the lead driver spins out and shut things down safely.
- Don't fight your car. If it doesn't feel right, it probably needs a setup adjustment. Reach out to a staff member or other drivers for advice!
- **Common Tips:** Chill out leaving grid. Don't rush the entry. Stop braking before entering. Don't manji the straights. Go wider. More clutch kicks. Add front and/or rear tire pressure. Look where you want to go and drive towards it.
- **#1 issue at Jackson:** Entering too early for your speed. Don't use the addition leading up to entry if you're not full throttle (60+mph). Use it as a reference. Hold to the right side of the track and start your entry at one of the next entry markers. Start slow and late while still going wide, entering earlier as you go faster.

JACKSON SPEEDWAY



Jackson Facility Rules

- Overnight parking & camping for drivers & crew is encouraged Friday through Sunday. Whether you show up early or stay late, you're invited to come hang out!
- Self-contained fire pits are permitted.
- Pets are welcome, but must be kept on a leash.
- Absolutely no driving under the influence in and around the facility.