



Gravity Gran Prix

SALEM DAYS 2011



GRAVITY GRAND PRIX

Main Rule Changes for 2011

- Registration fee is \$10 per driver. Racers must show proof of having paid before they can race.
- Wheels are no longer subsidized by the City. Each racer buys his own from Harbor Freight.
- Colt Class racers will be started below the ramp to reduce their top speed.
- All vehicles must be equipped with brakes that contact the rear tires. Brakes must be able to completely stop the tire. The driver must be able to steer while braking.
- Pivot axle steering must have limiters that prevent the car from turning a radius tighter than 15 feet. Careful consideration should be given to the steering ratio (angle of steering wheel turn to angle of front wheel pivot) to ensure that the steering is not too sensitive.
- Maximum height of the seating surface is 16" above the road surface.
- The preliminary inspection has been moved up to 1-1/2 weeks before the race to allow more time to make changes. (6:00 pm Friday, July 29, 2010, in the parking lot by the pond)
- Maximum weights have been bumped up

Vehicle Weight	
Colt	275 lbs. with driver
Mustang (13-17 yrs)	340 lbs. with driver
Stallion (18+ yrs)	400 lbs. with driver

Driver's Checklist

- | | | | |
|---|-------------------------------------|----------------|------------------------|
| <input type="checkbox"/> Registration and Entry Fee (\$10) | Due Friday July 29 | 5:00 pm | City Offices, 423-2770 |
| <input type="checkbox"/> Preliminary Inspection | Friday, July 29 | 6:00 pm | Knoll Park Parking Lot |
| <input type="checkbox"/> Leader Board Card | At Preliminary Inspection | | |
| <input type="checkbox"/> Inspection & Weigh In, get badge | Wednesday, August 10 | 5:30 pm | Derby Hill, 300 S |
| <input type="checkbox"/> Driver's Meeting | | 6:00 pm | |
| <input type="checkbox"/> Race—Line up cars at top of track, follow instructions of pit steward | | | |
| <input type="checkbox"/> Awards (Take Leader Board Card) | | After the race | |
| <input type="checkbox"/> Parade | Saturday, August 13 | 10:00 am | |
| <input type="checkbox"/> Display of Cars in the Park | Saturday, after parade, in the park | | |