

# AGENDA

- Presentation
- Photos
- Videos
  - 40 minutes
  - Best time for questions

# **HIGH PERFORMANCE DRIVING**

- Autocross
- Porsche Club Driver Education
- Open Road Racing

# AUTOCROSS

- Local events organized by the Reno SCCA
- Open to any car in good working order
- Course defined by cones w/ many turns
- New course every weekend
- Relatively low speed (second gear)
- Driving at or beyond the limit of the car
- Emphasis on car control

# AUTOCROSS

- 'Lap' time is typically 60 seconds
- Run the course 4-6 times
- Must find the best line quickly
- Lowest single lap time wins 15 events per season
- Very low cost (\$25-50/day)
- Register online at [motorsportreg.com](http://motorsportreg.com)
- Awards banquet in November

# **PORSCHE CLUB DE**

- Driver Education events sponsored by GGR
- Open to any car in good working order
- Held at raceways like Thunderhill, Laguna Seca, and Sonoma

# **PORSCHE CLUB DE**

- Higher speeds – 110 to 140mph
- Driving near the limits of the car
- Emphasis on smoothness, braking, line
- Opportunity to improve technique on the same course over multiple sessions and events

# PORSCHE CLUB DE

- Medium risk
  - Risks you control: skill, speed, car prep.
  - Risks you don't control: other drivers
- Definitely not races
- Four or five 20-25 minute track sessions

# **PORSCHE CLUB DE**

- Drivers select student, intermediate, advanced run groups
- Students receive classroom and track instruction
- Students drive with instructors until cleared



# PORSCHE CLUB DE

- Some social activities
- \$395 (student \$445) per weekend
- Best track day value
- Events are typically Saturday and Sunday
- 3-4 events per year
- Very well run in every regard
- Register online at [motorsportreg.com](http://motorsportreg.com)

# **OTHER TRACK DRIVING OPTIONS**

- Reno SCCA
- Hooked on Driving
- Northern California Racing Club
- Speed SF
- Track Masters

# OPEN ROAD RACING

- Races held on closed public highways
- Competitors attempt to set specified average speeds in the range of 95-150mph
- Course length 50-90 miles
- Cars sent in 60 second intervals
- Drivers may have navigators

# **OPEN ROAD RACING EVENTS**

- Silver State Classic Challenge (September)
- Nevada Open Road Classic (May)
- Big Bend Open Road Race (April)
- Sandhills Open Road Race (August)
- Chihauhua Express (April)

# **SILVER STATE CHALLENGE CLASSIC**

- Established in 1988
- 90 mile race on State Highway 318
- Run in May and September
- 100-200 participants
- Four day schedule

# **SPEED DIVISIONS**

- Touring
- Grand Touring
- Grand Sport
- Super Sport
- Unlimited

# **CLASSES (TARGET SPEED)**

- Touring
  - 95, 100, 105, 110mph
- Grand Touring
  - 115, 120, 125mph
- Grand Sport
  - 130, 135, 140, 145, 150mph
- Super Sport
  - 160, 170, 180 mph

# **TECH SPEED (MAX ALLOWABLE)**

- Touring
  - 95, 100, 105, 110mph
  - 124mph
- Grand Touring
  - 115, 120, 125mph
  - 140mph
- Grand Sport
  - 130, 135, 140, 145, 150mph
  - 165mph



# MINIMUM SPEEDS

- 30mph less than your class speed
- Exceptions
  - Rain or water
  - Yellow flags
  - The Narrows

# ROOKIES

- All rookies have to attend qualifying school
- Las Vegas Motor Speedway on Thursday
- SSCC Rookie Liaisons organize the qualifying
- After track session, drive to Ely and preview the course

# TIRE SAFETY

- Tire safety taken very seriously
- Must have tires that meet or exceed OEM
- Load rating
- Speed rating
- Tire age

# **SAFETY REQUIREMENTS**

- Helmets
- Fire extinguisher
- Restraints
- Clothing
- Rollover protection
- Metal valve caps

# RISKS

- Strong safety culture
- Risks vary with speed divisions
  - Touring is lower risk
  - Grand Touring is medium risk
  - Grand Sport is risky
- Five fatalities in four accidents
  - All at 150mph and above
  - 1989 (tire), 1992 (200mph), 2011 (tire, 200mph), 2014 (distraction?, helmet)

# TEAM CHALLENGE

- Teams consist of 7-10 cars
- Very loosely organized around marques
- Team captains organize activities
- Five best times used
- Compete for the Team Challenge Trophy

# SCHEDULE

- Thursday – Registration, Rookie Qualifying, Cocktail Party
- Friday – Registration, High Noon Shootout, Parade, Reception
- Saturday – Registration, Car Show, Drivers Meeting, Team Dinners
- Sunday – Race, Las Vegas Awards Banquet

# REGISTRATION

- Register online at [sscc.us](http://sscc.us)
- Or register at event
- Race does not usually sell out
- If you register in advance, you can change car, division, class, etc. up to noon Sat.
- Expensive



# TECH INSPECTION

- Available Thursday – Saturday
- Inspect car and clothing
- Have car prepared exactly as you intend to drive it

# THE COURSE

- 90 miles on NV 319
- Very good quality road surface
- Center rumble strip
- Straights up to 14 miles
- Most turns are bends or sweepers
- The Narrows
  - Only curvy section, 3 miles
  - No minimum speed restriction

# THE RACE

- Staging
- Final inspection
- Starting line
- Finish line

# STARTING & TIMING

- Start ordered by class from 150mph down to 95mph, followed by unlimited
- Start at 60 second intervals on the minute
- Atomic clock used
  - Actually GPS time
- Time starts at the minute, not when you move
- Time ends when you break the finish line beam

# PASSING

- Race is designed to minimize passing
- Passing only on straights and on left
- No signals required
- No passing when raining or wet or yellow flag

# **SAFETY**

- Flag stations and flagging
- Gate controls
- Race radio
- Air Force
- NHP & Sheriffs
- Ambulances

# DRIVING COMPETITIVELY

- Requires a great deal of preparation
  - Course notes
  - Strategy
  - Timing
  - Backup plans when things don't work
- Extremely high concentration levels at higher speeds
- Navigators recommended

# **POST RACE**

- Finish line parking area
- Awards Banquet in Las Vegas
- Prepare for next event



# **SUMMARY – AUTOCROSS**

- Low speed way to explore the limits of your car
- Builds car handling skills
- Emphasis on learning new courses
- Safe
- Inexpensive

# **SUMMARY – TRACK EVENTS**

- Learn to drive on raceways at fast speeds
- Receive 1:1 instruction
- Improve smooth driving and braking skills
- Refine technique on known courses
- Relatively safe
- Moderately expensive
- Include some social events

# **SUMMARY – OPEN ROAD RACING**

- Offers sustained legal high speed driving on public roads
- Requires the most preparation to be successful
- Higher speed classes are riskier
- More expensive
- Most comradery and most social