

2014 Riesentoter Autocross Championship Series PAX System

Scoring

First, Second, and Third Place awards will be determined for the 2014 Riesentoter PCA Autocross Championship Series. These awards will be determined with a points-based system that uses a PAX (Professional Autocross Index) system of scoring. This is essentially a handicap system in which a PAX value is assigned to each car class and is multiplied by the driver's raw run time, resulting in a PAX time. For each event, drivers will be ranked according to the PAX time of their best run and will receive points using the following formula:

$$\text{Race Points} = (10 \text{ Points}) - (\text{Rank \#}) + (1 \text{ Bonus Point for 1st Place})$$

**Subject to minimum of 1 point awarded for race participation.*

Final point totals for the season will be calculated by summing each driver's **top five** event point totals. Drivers must participate in **at least 3** events to be eligible for Championship awards. Ties will not be broken. In the event of a tie, drivers will be awarded equal points, and multiple awards will be presented.

Drivers are responsible for determining their own PAX car classification category using the framework below. Any classification disputes will be resolved by the RTR Autocross Council in its sole discretion and with finality. For any questions regarding car classification, drivers should email axcouncil@rtr-pca.org.

Car Classification

Showroom Stock Class*		
Class	Models	PAX
S1	968 (All), 911 Carrera 2 (964:1990-1994), Carrera 4 (964:1989-1994), RS America (1993-1994), Boxster (986:1997-2004), Cayenne (9PA: 2003-On), Panamera (2010-On), Macan (2014-On, All)	0.909
S2	911 Carrera (993:1995-1998), Boxster S (986:2000-2004), Boxster (987:2005-On), Cayman (2006-On)	0.918
S3	911 Carrera (996:1999-2004), 997 (2005-On), 991 (2012-On, All Except 991S), 911C2 Turbo (965: 1991-1994), Boxster S (987:2005 On), Cayman S (2006-On)	0.923
S4	993 Turbo (All), 996 Turbo (Non-GT2), 997S except X51 (2005-2009), 991S (2012-On, All), Boxster Spyder, Cayman R	0.926
S5	997S X51 (2007-2009), 997S/GTS (2010-On), 996 GT2/GT3 (2002-2005), 997 GT2/GT3/GT3RS(2007-On), 997 Turbo (All), Carrera GT (980:2004-On), 991 GT3 (2014-On), 991 Turbo (2014-On), 918 (All)	0.93

Production Class*		
Class	Models	PAX
P1	356 (All), 912/912E (All), 914/4 (All), 924 (All), Cayenne (9PA: 2003- On), Panamera (2010- On), Macan (2014-On, All)	0.91
P2	911 (1965-1969), 911 (1970-1977), 914/6 (All), 924S (all), 924 Turbo (931: All), 944 (All), 944S (All)	0.92
P3	911SC (1978-1983), 911 Carrera 3.2 (1984-1989), 911 Speedster (1989); 944 Turbo (951: All), 928 (All)	0.925
P4	911 Carrera 2 (964:1990-1994), Carrera 4 (964:1989-1994), RS America (1993-1994), 944S2 (All), 968 (All), Boxster (986:1997-2004)	0.94
P5	911 Carrera, Carrera S, C4S (993: All), Boxster S (986:1997-2004), Boxster (987:2005-On), Cayman (2006-On)	0.95
P6	911 Carrera (996:1999-2004), 997 (2005-On), 991 (2012-On, All Except 991S), 911C2 Turbo (965: 1991-1994), Boxster S (987S:2005-On), Cayman S (2006-On)	0.955
P7	997S except X51 (2005-2009), 991S (2012-On, All), 993 Turbo (All), Boxster Spyder, Cayman R	0.958
P8	996 Turbo (Non-GT2), 997S X51 (2007-2009), 997S/GTS (2010-On), 996 GT2/GT3 (2002- 2005), 997 GT2/GT3/GT3RS (2005-On), 997 Turbo/Turbo S (All), Carrera GT (980:2004-On), 991 GT3 (2014-On), 991 Turbo (2014-On), 918 (All)	0.96

Improved Class		
Class	Models	PAX
The improved category is for street vehicles with modifications beyond those allowed in the Production Category. The modifications are limited but much more liberal than those in the Showroom Stock or Production Categories.		
I01	Improved Automobiles (All 4 Cylinder, and All 6 Cylinder, up to 2399cc)	0.937
I02	Improved Automobiles (All 6 Cylinder above, 2400cc All Turbo/Supercharged 4 Cylinder; All Turbo/Supercharged 6 cylinder)	0.96

Modified Class		
Class	Models	PAX
The M classes shall also include factory racecars, GT cars and the like.		
M01	Modified Automobiles (All 4 Cylinder, and All 6 Cylinder, up to 2399cc)	0.955
M02	Modified Automobiles (All 6 Cylinder above 2400cc; All Turbo/Supercharged 4 Cylinder; All Turbo/Supercharged 6 cylinder)	0.98

Classification Notes:

- Any unmodified car models not listed in the showroom stock classification list will receive a PAX score equal to the respective P Class PAX minus 0.02.
- Any non-Porsches racing in RTR events will be assigned a PAX of 1.0.

Modification Details	
Stock Class	No modifications are permitted. The vehicle shall be as delivered from the factory, including wheels and tires. Tires with a tread wear rating of less than 140 shall place a car into P class. Non-performance affecting cosmetic changes may be permitted at the discretion of the Autocross Chairman and the Autocross Council.
Suspension	Aftermarket shocks, struts, bushings, sway bars, springs and torsion bars are allowed in P classes. However, stock mounting points are required. No machining. (P)Shock Absorbers: Any shock absorber may be used provided it has no more than a single adjustment."
Exhaust	The addition of a performance exhaust is permitted in P classes. However, all cars must pass noise restrictions for the event to compete. The Chairman reserves the right to reject or disqualify any excessively noisy vehicle.
Lightening	The removal, exchange or replacement of any part for the purpose of lightening a car will put a car into Improved class if the total weight reduction exceeds 100 lbs. This includes the removal of rear passenger seats; however, the removal of the rear seats for the installation of a cage or roll bar will not be considered lightening. Cars with limited weight reduction may be placed in the Production class, however, they need to retain all required road equipment in order to be street legal. Example: headlights, brake lights, passenger seat. No lightening (as defined above) is permitted in the Stock class.
Wheels	For Production Class, rim width may be increased by up to 1.0" over the widest rim available from the factory, but all wheels must be the same diameter as available from the factory for the model range of the automobile. For Improved Class, any diameter wheel can be used, and wheel width may be increased up to 2.0" over the widest rim available from the factory.
Tires	TAll DOT approved tires are allowed in (P&I) Production & Improved classes, and must have tread visible at two spots 180 degrees apart at the end of an event. Competition tires must have visible tread depth indicators. All non-DOT approved tires put a car into (M) modified class. At no time may a tire with visible belts showing be allowed to run in any class. Cars with rubbing tires will not be permitted to run during an event. Modifications beyond 'rolling' the fender lip to accommodate larger wheels and tires will put a car into Modified class.
Engines	Modifications between the exhaust manifold and airbox will place a car into Improved. Increase of boost pressure via mechanical (spring or modification to turbo unit) or electronic (chip) methods will place a car into Improved. Engine swaps are permitted in Improved provided the engine and transmission installed are Porsche based.
Transmission	Modification to the gearing/gear ratios of the transmission and/or differential will place a car into Improved class. Production class cars can run a limited slip differential provided it is a factory unit. Aftermarket LSD units place a car into Improved.

RTR Autocross Championship Series Event #1								
Driver	Car	Class	Best Raw Time	PAX Factor	PAX Time	Event Rank	Event Points	
Nick Betegh	911	P3	52.600	0.925	48.655	2	8	
Tony DeMarco	911	P3	54.830	0.925	50.718	5	5	
Robert Edelstein	Boxster	?	51.399 (?)	?	?	?	?	
Tony Micciolo	986	S1	65.528	0.909	59.565	13	1	
Trevor Naidoo	964	P4	54.901	0.940	51.607	8	2	
David Nettleton	968	S1	58.674	0.909	53.335	9	1	
Maggie Nettleton	968	S1	82.045	0.909	74.579	15	1	
Craig Nichols	911	P3	54.208	0.925	50.142	4	6	
Anthony O'Mara	Boxster S	P5	57.205	0.950	54.345	10	1	
Tony Prisk	Cayman R	S4	51.756	0.926	47.926	1	10	
Thomas Pyle	911	P3	60.491	0.925	55.954	11	1	
Stephane Roy	964	P4	54.162	0.940	50.912	6	4	
Daniel Ruble	997	P6	51.427	0.955	49.113	3	7	
Anthony Verratti	Boxster S	S4	63.575	0.926	58.870	12	1	
Steve Washington	996	S3	77.398	0.923	71.438	14	1	
James Wirth	Lemon	X	52.824	1.000	52.824	NA	NA	
Dave Yocom	987	P2	55.597	0.920	51.149	7	3	