

90APPENDIX A.1: NOTES

A.1.1: Under **Manufacturer and Model**, a 1 indicates a vehicle with VTS in Draft form. Changes may be made on an accelerated basis.

APPENDIX A.2: GRAND TOURING (GT)

A.2.1: FULL ELIGIBILITY

Vehicles listed are eligible to compete in World Challenge GT.

Manufacturer and Model	Engine Displacement (Maximum, CC)	Base Weight (with driver, lbs)	Restrictor and/or Manifold Pressure Limit	Ride Height (Minimum, in)	Front Tire Size (Pirelli P Zero)	Front Wheel (Maximum)	Rear Tire Size (Pirelli P Zero)	Rear Wheel Size (Maximum)	Engine Speed Limit (rpm)
Aston Martin DB9 (06-)	5935	3200	60.8mm (20%)	3.00	275/645	11x18	315/675	12x18	7000
Cadillac CTS-V (2011)	6200	3200	1.811 SIR	3.00	305/645	11x18	315/675	12x18	7200
Cadillac CTS-V (04-07)	6026	3100	75.3mm (30%) 1.780 SIR or 45% restrictor	3.00	305/645	11x18	315/675	12x18	7400
Chevrolet Corvette C6 (05-)	6026	3150	-stock	3.00	305/645	11x18	315/675	12x18	7400
Chevrolet Corvette Z06	7000	3150	54.7mm(30%) or 1.811 SIR	3.00	305/645	11x18	315/675	12x18	6200
Dodge Viper Comp Coupe (03-07)	8284	3200	1.780" sonic restrictor	3.00	305/645	11x18	315/675	12x18	6200
Dodge Viper ACRX (2010-)	8284	3400		3.75	275/645	10x18	315/675	12X18	6400
Ford Mustang (2005-)	5951	3200		3.00	305/645	11x18	315/675	12x18	7400
Lamborghini Gallardo (03-08) ¹	4961	3150	-	3.00	275/645	11x18	315/675	12x18	8000
Lotus Exige S (07-) ¹	1840	2400	2500 mbar	3.00	245/645	8.5X18	245/645	10X18	TBD
Mercedes-Benz SLR McLaren	5439	3350	62.9mm (35%)	3.00	305/645	11x18	315/675	12x18	7000
Nissan GT-R (09-) ¹	3800	3500	2200 mbar	3.00	315/675	12x18	315/675	12x18	7000
Porsche 997 GT3 (06-09)	3795	2900	-	3.00	275/645	10.5x18	315/675	12x18	8900
Porsche 997 GT3 (10-) ¹	3797	2900	-	3.00	275/645	10.5x18	315/675	12x18	8500
Volvo S60 (04-09) ¹	2577	3350	2750 mbar	3.00	315/675	12x18	315/675	12x18	7800

4: Corvette C6 using the Tremec H-Pattern gearbox may use a 30% (75.3 mm) restrictor.

A.2.2: PARTIAL ELIGIBILITY

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Vehicles listed have been out of production worldwide more than four years, and may not compete in more than five World Challenge GT races per year unless authorized by SCCA Pro Racing, per Article 2.6.6.

Manufacturer and Model	Engine Displacement (Maximum, CC)	Base Weight (with driver, lbs)	Restrictor and/or Manifold Pressure Limit	Ride Height (Minimum, in)	Front Tire Size (Pirelli P Zero)	Front Wheel (Maximum)	Rear Tire Size (Pirelli P Zero)	Rear Wheel Size (Maximum)	Engine Speed Limit (rpm)
BMW E46 M3 (99-06)	3246	2900	-	3.00	245/645	9.5x18	275/645	11x18	8200
Pontiac GTO (04-06)	6026	3000	-	3.00	275/645	11x18	305/675	12x18	7400
Porsche 996 GT3 (98-05)	3600	2850	73.3mm (20%)	3.00	275/645	9.5x18	305/675	12x18	8900
Porsche 996 (AWD TT) (00-05)	3600	3050	2300 mbar	3.00	275/645	11x18	315/675	12x18	7000

A.2.3: CLASSIFIED

Vehicles listed have been classified into World Challenge GT, but are not eligible to compete until homologation has progressed.

Manufacturer and Model	Engine Displacement (Maximum, CC)	Base Weight (with driver, lbs)	Restrictor and/or Manifold Pressure Limit	Ride Height (Minimum, in)	Front Tire Size (Pirelli P Zero)	Front Wheel (Maximum)	Rear Tire Size (Pirelli P Zero)	Rear Wheel Size (Maximum)	Engine Speed Limit (rpm)
Ferrari F430	4308	2850	2x 28.4mm	2.5	305	11x18	315	12x18	7500
Ford GT	TBD								
Lexus IS (07)	4711	TBD	TBD	3.00	275/645	11x18	305/645	13x18	TBD
Audi R8 2010									
BMW M5 2012									
Ferrari 458 challenge 2011									
Mercedes Benz SLS AMG 2012									
Mercedes Benz C63 AMG Black									
Mercedes Benz SLC AMG Black									
Lexus LFA 2011									

APPENDIX A.3: GRAND TOURING SPORT (GTS)

A.3.1: FULL ELIGIBILITY

Vehicles listed are eligible to compete in World Challenge GTS.

Manufacturer and Model	Engine Displacement (Maximum, CC)	Base Weight (with driver, lbs)	Restrictor and/or Manifold Pressure Limit	Ride Height (Minimum, in)	Front Tire Size (Pirelli P Zero)	Front Wheel (Maximum)	Rear Tire Size (Pirelli P Zero)	Rear Wheel Size (Maximum)	Engine Speed Limit (rpm)
Acura TSX (04-08)	2408	2850	-	3.50 ⁷	245/620	8x17	245/620	8x17	7800
Acura TSX (04-08) Limited Prep.	2408	2725	-	3.50 ⁷	245/620	8x17	245/620	8x17	7800
Acura TSX (09-)	2408	2700	59.8mm-	3.50 ⁷	275/645	9x18	275/645	9x18	7800
BMW E90 325 (06-)	2559	2850 ⁴	-	3.50 ⁷	245/620	8x17	245/620	8x17	8300
Chevy Camaro 2010	6162	3350	1.600" SIR	3.50	305/645	10x18	305/645	10.5x18	6600
Dodge Challenger	6059	3400	1.600 SIR	3.50	305/645	10x 18	305/645	10x18	
Ford Mustang FR500S (08) ¹	4600	3350		3.50	305/645	10X18	305/645	10X18	7200
Ford Mustang FR500S*	5000	3400	1.600" SIR	3.50	305/645	10x18	305/645	10x18	7200
Ford Mustang Boss 302 S	5000	3400	R/YR restrictor	3.5	305/645	10x18	305/645	10x18	8200
Honda S2000	2200	2400		3.50	245/620	9x18	275/645	10/18	8,000
Lotus Exige S (07) ¹	1840	2100	1600 mbar	3.50	225/620	7x17	245/620	8.5x17	8500
Mazda 3 (10-) ¹	2489	2650	-	3.50 ⁷	245/620	8x17	245/620	8x17	8000
Mazda 6 (03-08)	2276	2850 ⁵	-	3.50 ⁷	245/620	8x17	245/620	8x17	8300
Mitsubishi EVO 9 (2006)	2000	3200		3.50	275/645	9.5x18	275/645	9.5x18	8000
Mitsubishi EVO 10 (2010)	1998	3200		3.50	275/645	10x18	275/645	10x18	8100
Nissan NISMO 370z	3696	3050		3.50	275/645	9.5x18	275/645	10x18	8000
Pontiac Solstice GXP (07-09) ¹	2000	2950	2375 mbar	3.50	275/645	9.5x18	275/645	9.5x18	6300
Porsche Cayman S (06-) ¹	3387	2850	-	3.50	245/645	9x18	305/645	11x18	7300

⁴ BMW E90 325 using a dry sump must add 10 lbs.

⁵ Mazda 6 using a dry sump must add 10 lbs.

⁶ Acura TSX (04-08) using the OE transmission may race with no restrictor

⁷ Ride height is 3.00 inches ahead of the front axle.

* Only allowed through the 2012 season

A.3.2: PARTIAL ELIGIBILITY

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Vehicles listed have been out of production worldwide more than four years, and may not compete in more than five World Challenge GTS races per year unless authorized by SCCA Pro Racing, per Article 2.6.6.

Manufacturer and Model	Engine Displacement (Maximum, CC)	Base Weight (with driver, lbs)	Restrictor and/or Manifold Pressure Limit	Ride Height (Minimum, in)	Front Tire Size (Pirelli P Zero)	Front Wheel (Maximum)	Rear Tire Size (Pirelli P Zero)	Rear Wheel Size (Maximum)	Engine Speed Limit (rpm)
Honda RSX (02-06)	2408	2450		3.5"	245/620	8x17	245/620	8x17	7800
BMW E46 325 (99-05)	2554	2750	-	3.50	7 245/620	8x17	245/620	8x17	8100
BMW E46 M3 (01-06)	3246	3050	-	3.50	7 275/645	10x18	275/645	10x18	8300
BMW Z4 3.2 M (06-09)	3200	3100		3.5	245/620	9x18	275/645	10x18	8000
Porsche 996 GT3 (03-04)	3800	3150	-	3.50	245/645	9x18	305/645	11x18	7300
Porsche 996 911	3600	2800		3.50	245/645	9x18-	305/645	11x18-	6800

A.3.3: CLASSIFIED

Vehicles listed have been classified into World Challenge GTS, but are not eligible to compete until homologation has progressed.

Year	Manufacturer and Model	Year	Manufacturer and Model
2008-	BMW M3 E92	2009	Hyundai Genesis
2006-2009	BMW Z4 Coupe 3.2 M coupe	2010-	Nissan 370Z
2002-2008	BMW Z4 Coupe 3.0	2003-2009	Subaru WRX STI
2011	BMW 1M coupe		
2005-2009	BMW 335i		
2008-2009	Dodge Challenger		
2011	Porsche Cayman R		

APPENDIX A.4: TOURING CAR (TC)

A.4.1: FULL ELIGIBILITY

Vehicles listed are eligible to compete in World Challenge TC.

Manufacturer and Model	Engine Displacement (Maximum, CC)	Base Weight (with driver, lbs)	Restrictor and/or Manifold Pressure Limit	Ride Height (Minimum, in)	Front Tire Size (Pirelli P Zero)	Front Wheel (Maximum)	Rear Tire Size (Pirelli P Zero)	Rear Wheel Size (Maximum)	Engine Speed Limit (rpm)
Acura TSX (04-08) ¹	2354	2800	-	3.50	245/620	8x17	245/620	8x17	7800
Chevrolet Cobalt SS (08) ¹	1998	3000	1900 mbar	3.50	245/620	8x17	245/620	8x17	6700
Honda Civic Si (06-) ¹	1998	2750 ⁴	-	3.50	245/620	8x17	245/620	8x17	8600
Honda Civic Si (2012)	2354	2600		3.50	245/620	8x17	245/620	8x17	7500
Mazda MAZDASPEED3 ¹	2300	3025	, 1800 mbar	3.50	245/620	8x17	245/620	8x17	7000
Mazda RX-8 (04-08) ¹	1308	2800	-	3.50	245/620	8x17	245/620	8x17	9000
Scion tC (05-08) ¹	2362	2800	1820 mbar	3.50	245/620	8x17	245/620	8x17	7000
Volkswagen GTI T3 (06-08) ¹	1984	2975	1800 mbar	3.50	245/620	8x17	245/620	8x17	TBD
Volkswagen Jetta GLI / Golf GTI (05-10) ¹	1984	2975	1800 mbar	3.50	245/620	8x17	245/620	8x17	6800
Volvo C30 (2011-)	2500	2900	1.500 SIR and 1850 mbar	3.5	245/620	8/17	245/620	8/17	6500

4 Honda Civic Si (06-) using the stock USDM Si engine may reduce base weight by 150 lbs. See VTS Sheet for further information.

A.3.2: PARTIAL ELIGIBILITY

Vehicles listed have been out of production worldwide more than four years, and may not compete in more than five World Challenge TC races per year unless authorized by SCCA Pro Racing, per Article 2.6.6.

Manufacturer and Model	Engine Displacement (Maximum, CC)	Base Weight (with driver, lbs)	Restrictor and/or Manifold Pressure Limit	Ride Height (Minimum, in)	Front Tire Size (Pirelli P Zero)	Front Wheel (Maximum)	Rear Tire Size (Pirelli P Zero)	Rear Wheel Size (Maximum)	Engine Speed Limit (rpm)
Audi TT (01-06) ¹	1781	2800	TBD	3.50	245/620	8x17	245/620	8x17	6800
Audi S4 (00-02)*	2796	2900	2300 mbar	3.0	245/620	8x17	245/620	8x17	7400
Chevrolet Cobalt SS (06) ¹	2001	2800	-	3.50	245/620	8x17	245/620	8x17	7500
Honda Civic Si (01-05) ¹	2045	2800	-	3.50	245/620	8x17	245/620	8x17	7800
Honda Civic Si 2.4L (01-05) ¹	2409	2800	-	3.50	245/620	8x17	245/620	8x17	7800
Lexus IS300 (01-05) ¹	3067	2900	-	3.50	245/620	8x17	245/620	8x17	7300
Mini Cooper S (01-06) ¹	1598	2300	TBD	3.50	225/620	7x17	225/620	7x17	TBD

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*Only eligible for the 2011 season

A.4.2: CLASSIFIED

Vehicles listed have been classified into World Challenge TC, but are not eligible to compete until homologation has progressed.

Year	Manufacturer and Model	Year	Manufacturer and Model
2008-	Nissan Altima	2008	Honda Civic Si 2DR and 4DR
	BMW 328i	2006	Hyundai Tiburon (2.7)
2006	BMW 330i Sedan	2007	Subaru Legacy Spec B Sedan 2007 2.5
2004	BMW E46 330		
2006	Honda Civic SI 2.0		
2012	Ford focus		
2010	KIA Forte Coupe 2010		
	Mazda speed 3		
2009	Mini Cooper S JCW		

Appendix A.5: Touring Car B

	Bore x Stroke (mm) Displacement (cc)	Wheelbase (in)	Track F/R (in)	Gear Ratios (:1)	Final Drive (:1)	Brakes Front (in) Rear (in)	Weight (lbs)	Notes
Chevrolet Sonic (2012)	80.5 x 88.2 1796	99.4	59.4/59.4	3.73, 2.14, 1.41, 1.12, 0.89	3.94	10.8 9.0 drum	2800	31mm Flat Plate Restrictor.
	72.0 x 84.0 1368	90.6	55.4/55.0	3.91, 2.16, 1.35, 0.98, 0.77	3.73	10.1 x 0.9 9.4 x 0.4	2280	Fiat suspension kit P5154820, Front main spring P5154821, Front damper assy with top mount P5154822, Rear main spring P5154823, Rear damper assy P5154824, Rear coil spring adapt kit P5154825, Rear twist axle P5154826 , Rear swaybar P5154827, Stainless steel brake line kit P5154828, Header kit (cat delete) P5154829
Ford Fiesta (4-dr) (2011-12)	79.0 x 81.4 1596	98	57.7/57.7	3.86, 2.04, 1.28, 0.95, 0.74	4.07	10.2 7.9 drum	2575	34mm Flat Plate Restrictor. Suspension kit: #M-FR3-FASB

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Honda Fit (2009-12)	73.0 x 89.55 1499	98.4	58.7/58.1	3.00, 1.68, 1.07, 0.76, 0.55	4.56	10.3 7.9 drum	2500	34mm Flat Plate Restrictor. Damper and spring set 51600F23SA100, Damper FR LH 51605F23SA100, Damper FR RH 51606F23SA100, Damper RR 52610F23SA100, Spring FR (325) 51401F23SA100, Spring RR (350) 52441F23SA300, Helper spring 52442FC4YA000, Spring spacer 52443FC4YA000, Spring adjust asy RR 52691F23SA010. Seat upper FR spring 51688F23SA200, Damper wrench kit 89211F23SA000, Flange adj bolt 90184FC4YA000, Air cleaner element 17220F23SA000, Exhasut pipe assy 18300F23SA100, Engine belt 31110FC4YB000
Kia Rio 5-door (2012)	77.0 x 85.44 1591	101.2	59.9/60.0	3.76, 2.04, 1.28, 1.03, 0.89, 0.77	3.83	10.1 x 0.9 10.3 x 0.4	2600	23mm Flat Plate Restrictor. AKSJ03-10-001 Damper Frt Assembly; KSJ03-10-002 Spring _Eibach 0600.0225.500; KSJ03-10-003 Spring Spacer ; AKSJ03-20- 001 Damper-AST-Rear; KSJ03-20-002 Rear Spring Eibach 0600.0250.500; KSJ03- 20-003 Rear Upper Spring Perch Delrin; KSJ03-20-004 Rear Spring Spacers- Aluminum; KSJ03-20-005 Rear Spring Spacer Intermediate; AKSJ03-60-001 Sump Pan Extension
Mazda2 (2011-12)	78.0 x 83.0 1499	98	58.1/57.7	3.42, 1.84, 1.29, 0.97, 0.78	3.85	10.1 8.0 drum	2300	Coil over shock kit (Bilstein) 0000-04-2201-BL, Front springs (ERS) 0000-04-9350- 07, Rear springs (ERS) 0000- 04-9250-07, Helper springs F&R 0000-04-9926, Spring spacer F&R 0000-04-9925, Front sway bar end links adjstbl 0000-04-2202, Rear sway bar 0000-04-2203-RR, Modified strut bearing plate 0000-04-2204, Crash bolt set 0000-04-2205, Exhaust system complete 0000-06-2401, Brake line kit 0000-03-2215, Air filter 0000-06-2201, Oil cooler kit 0000-01-2100-KT, AC delete kit 0000-01-2101-KT, ECU reflash 0000-10-2001, Brake Pads 0000-03-2101-60 & 0000-03-2111

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								33mm Flat Plate Restrictor. L/F Strut-spring assembly 31 31 1 126, R/F Strut-spring assembly 31 31 1 125, Rear Shock-spring assembly 33 50 1 125, Camber plate 31 30 1 507, Cat Back Exhaust system 18 10 7 523, 15X7 racing wheels 36 11 1 120, Front steel braided brake lines 34 11 1 110, Rear steel braided brake lines 34 12 1 110, High flow air filter 13 17 1 155, ECU Re-programming 61 12 1 122, Front brake pads 34 11 1 145, Rear brake pads 34 35 1 145, Quick Release steering hub & adapter 31 31 1 100 (optional), Racing Steering Wheel 31 32 1 105 (optional)
MINI Cooper (2007-12)	77.0 x 85.8 1598	97.1	57.4/57.8	3.21, 1.79, 1.19, 0.91, 0.78, 0.68	4.35	11.0 10.2	2600	
Nissan Versa (4/5-dr) (2007-11)	80.4 x 81.1 1797	102.4	58.3/58.5	3.73, 2.11, 1.45, 1.17, 0.97, 0.81	3.93	11.02 x 0.95 9.0 drum	2750	35mm Flat Plate Restrictor.
Nissan Versa (4/5-dr) (2009-11)	78.0 x 83.6 1598	102.4	58.3/58.5	3.73, 2.05, 1.39, 1.03, 0.89	4.07	10.2 x 0.87 8.0 drum	2500	
Nissan Versa (4/5-dr) (2012)	78.0 x 83.6 1598	102.4	58.3/58.5	3.73, 2.05, 1.39, 1.03, .089	4.07	10.2 x 0.87 8.0 drum	2490	
Toyota Yaris 3/5-dr (2007-12)	74.9 x 84.6 1491	96.9	58.3/57.9	3.55, 1.90, 1.31, 0.97, 0.82	3.72	10.0 7.9 drum	2420	