

APPENDIX 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.

A.1.2: Front Axle Weight is calculated using the Rear Axle Weight (%) and the Base Weight (lbs). The minimum front axle weight must be adjusted according to the weight additions mandated and weight exceptions claimed by the team. Teams with questions regarding their official weights should check the reference book located at the official scales.

A.1.3: Under **Front Axle Weight**, a 2 indicates that the number applies to the opposite axle as indicated in the column header.

A.1.4: Under **Rear Axle Weight**, a 3 indicates that the number is a minimum rather than maximum value.

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 (Toyo R888)	Front Wheel (Maximum)	Rear Tire Size (Toyo R888)	Rear Wheel Size (Maximum)	Engine Speed Limit (rpm)	Front Axle Weight (Min, lbs)	Rear Axle Weight (Max, %)
Aston Martin DB9 (06-)	5935	3200	60.8mm (20%)	3.00	275/35	11x18	335/30	13x18	7000	1600	50
BMW E46 M3 (99-06)	3246	2900	-	3.00	245/40	9.5x18	275/35	11x18	8200	1450	50
Cadillac CTS-V (04-07)	6026	3100	75.3mm (30%)	3.00	275/35	11x18	335/30	13x18	7400	1550	50
Chevrolet Corvette C6 (05-)	6026	3050	72.6mm (35%) ⁴	3.00	275/35	11x18	335/30	13x18	7400	1464	52
	6162	2950	-	3.00	275/35	11x18	335/30	13x18	6500	1475	50
Dodge Viper Comp Coupe (03-07)	8284	3250	58.5 mm (20%)	3.00	295/30	11x18	335/30	13x18	6200	1560	52
					305/35						
Ford Mustang (2005-)	5951	3200 ⁵	75.3 mm (30%)	3.00	275/35	11x18	335/30	13x18	7400	1600	50
Lamborghini Gallardo (03-08) ¹	4961	3150	-	3.00	275/35	11x18	335/30	13x18	8000	1827 ²	58 ³
Lotus Exige S (07-) ¹	1840	2400	2500 mbar	3.00	245/40	10X18	275/35	10X18	TBD	1248 ²	52 ³
Mercedes-Benz SLR McLaren	5439	3350	62.9mm (35%)	3.00	295/30	11x18	335/30	12x18	7000	1675	50
Nissan GT-R (09-) ¹	3800	3500	2200 mbar	3.00	335/30	12x18	335/30	12x18	7000	1750	50
Pontiac GTO (04-06)	6026	3000	-	3.00	275/35	11x18	335/30	13x18	7400	1500	50
Porsche 996 GT3 (98-05)	3600	2850	73.3mm (20%)	3.00	245/40	9.5x18	305/35	12x18	8900	1653 ²	58 ³
Porsche 996 (AWD TT) (00-05)	3600	3050	2300 mbar	3.00	305/35	11x18	335/30	13x18	7000	1769 ²	58 ³
Porsche 997 GT3 (06-09)	3795	2870	-	3.00	265/35	10.5x18	305/35	12x18	8900	1694 ²	58 ³
Porsche 997 GT3 (10-) ¹	3797	2820	-	3.00 ⁵	265/35	10.5x18	305/35	12x18	8500	1636 ²	58 ³
Volvo S60 (04-09) ¹	2577	3350	2750 mbar	3.00	305/35	12x18	305/35	12x18	7800	1943	42

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

5: Minimum Ride Height forward of the front axle is 2.25 inches.

2010 Appendix A



A.2.2: PARTIAL ELIGIBILITY

Vehicles listed have been out of production worldwide more than four years, and may not compete in more than five World Challenge 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 (Toyo R888)	Front Wheel (Maximum)	Rear Tire Size (Toyo R888)	Rear Wheel Size (Maximum)	Engine Speed Limit (rpm)	Front Axle Weight ⁵ (Min, lbs)	Rear Axle Weight (Max, %)
Acura NSX (91-01)	3505	2750	1950 mbar	3.00	245/40	9x17	295/30	11x18	8200	TBD	TBD
Audi S4 (00-02)	2796	2900	2300 mbar	3.00	275/35	10x18	275/35	10x18	7400	1595	45
Chevrolet Corvette C5 (97-04)	5780	3025	-	3.00	275/35	11x18	335/30	13x18	7400	1513	50
Dodge Viper GTS (96-02)	8037	3200	-	3.00	305/35	11x18	335/30	13x18	6300	1600	50
GM F-body (97-02)	5824	3000	-	3.00	275/35	11x18	335/30	12x18	8000	1500	50
Saleen SR351 (00-04)	5890	3100	71.6mm (20%)	3.00	275/35	11x18	335/30	13x18	8000	1550	50

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 (Toyo R888)	Front Wheel (Maximum)	Rear Tire Size (Toyo R888)	Rear Wheel Size (Maximum)	Engine Speed Limit (rpm)	Front Axle Weight ⁵ (Min, lbs)	Rear Axle Weight (Max, %)
Audi RS-6 (03-04)	4172	TBD	TBD	3.00	305/35	11x18	305/35	11x18	6500	TBD	TBD
Lexus IS (07)	4711	TBD	TBD	3.00	275/35	11x18	335/30	13x18	TBD	TBD	50

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 (Toyo R888)	Front Wheel (Maximum)	Rear Tire Size (Toyo R888)	Rear Wheel Size (Maximum)	Engine Speed Limit (rpm)	Front Axle Weight (Min, lbs)	Rear Axle Weight (Max, %)
Acura TSX (04-08)	2408	2850	-	3.50 ⁷	235/40	8x17	235/40	8x17	7800	1653	42
Acura TSX (04-08) Limited Prep.	2408	2725	-	3.50 ⁷	235/40	8x17	235/40	8x17	7800	1580	42
Acura TSX (09-)	2408	2750	-	3.50 ⁷	235/40	8x17	235/40	8x17	7800	1595	42
BMW E46 325 (99-05)	2554	2850	-	3.50 ⁷	235/40	8x17	235/40	8x17	8100	1425	50
BMW E90 325 (06-)	2559	2850 ⁴	-	3.50 ⁷	235/40	8x17	235/40	8x17	8300	1425	50
Chevrolet Corvette Z51 (05-07) ¹	5976	3325	-	3.50	295/30	10x18	305/35	11x18	6600	1663	50
Ferrari F430 Challenge ¹	4308	3350	70 mm	3.50	TBD	8x19	TBD	10.5x19	8500	-	-
Ford Mustang FR500S (08)	4600	3350	-	3.00	275/35	10X18	275/35	10X18	6300		50
Honda Civic (96-00)	-	2350	-	3.50	225/45	15	225/45	15	-	-	-
Lotus Exige S (07) ¹	1840	2100	1600 mbar	3.50	195/50	6.5x16	235/40	8.5x17	8500	-	-
Mazda 3 (10-) ¹	2489	2650	-	3.50 ⁷	235/40	8x17	235/40	8x17	8000	1537	42
Mazda 6 (03-08)	2276	2850 ⁵	-	3.50 ⁷	235/40	8x17	235/40	8x17	8300	1653	42
Pontiac Solstice GXP (07-09) ¹	2000	2950	2375 mbar	3.50	275/35	9.5x18	275/35	9.5x18	6300	-	-
Porsche Cayman S (06-) ¹	3387	2900	-	3.50	245/40	9x18	295/30	11x18	7300	-	-
Porsche 996 GT3 (03-04)	3800	3150	-	3.50	245/40	9x18	305/35	11x18	7300	-	-
					235/45	-	275/40	-			

- 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.

A.3.2: 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
1997-2003	Acura NSX	2010	Ford Mustang Boss 302R
2001-2006	BMW M3 E46	2009	Hyundai Genesis
2008-	BMW M3 E92	2005	Lotus Club Racer
2006-2009	BMW Z4 Coupe 3.2	2005	Lotus Elise
2002-2008	BMW Z4 Coupe 3.0	2005	Lotus Elise SC
2002	BMW M Coupe	2005	Lotus Exige
1999-2002	BMW Z4 M Coupe	2005	Lotus Exige S
2005-2009	BMW 335i	2005	Lotus Exige S240
2004-2007	Cadillac CTS-V	2007	Lotus Sport Exige Cup 255
1998-2002	Chevrolet Camaro SS / Z-28	2003-2006	Mitsubishi Lancer EVO 8/9/RS/GSR/MR
2010-	Chevrolet Camaro	2007-2009	Mercedes Benz CLK63 AMG
1998-2004	Chevrolet Corvette C5		Maserati Coupe GT Cambiocorsa
2005-2009	Chevrolet Corvette C6	2003-2006	Nissan 350Z
2001-2004	Chevrolet Corvette Z06	1998-2002	Pontiac Firebird Formula/Trans-Am & WS-6
2008-2009	Dodge Challenger	1998-2002	Pontiac Firebird WS-6
1996-2002	Dodge Viper RT-10/RT10 ACR/GT-S/GT-S ACR	2004-2006	Pontiac GTO
2003-2006	Dodge Viper SRT-10	2007-2009	Pontiac Solstice GXP Coupe
2006-2007	Ferrari 430 Challenge	2005-2010	Porsche Cayman
2000-2002	Ferrari 430 Modena & Challenge	2003-2004	Porsche 911 GT3
1999-2002	Ford Mustang Cobra	1998-2003	Porsche 911 996
2000	Ford Mustang Cobra R	2005-2007	Porsche 911 997 (3.6)
1999-2009	Ford Mustang FR500	2007	Saleen Parnelli Jones Mustang
2003-2004	Ford Mustang Cobra SVT	2007-2009	Saturn Sky Red Line
2005-2009	Ford Mustang GT & Shelby GT	2007	Steeda Q350 Mustang
2005	Ford Mustang GT 5.0	2003-2009	Subaru WRX STI
2003-2004	Ford Mustang Mach I		World Challenge TC Cars built prior to 2010

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 (Toyo R888)	Front Wheel (Maximum)	Rear Tire Size (Toyo R888)	Rear Wheel Size (Maximum)	Engine Speed Limit (rpm)	Front Axle Weight (Min, lbs)	Rear Axle Weight (Max, %)
Acura TSX (04-08) ¹	2354	2800	-	3.50	235/40	8x17	235/40	8x17	7800	-	-
Audi TT (01-06) ¹	1781	2800	TBD	3.50	235/40	8x17	235/40	8x17	6800	-	-
Chevrolet Cobalt SS (06) ¹	2001	2800	-	3.50	235/40	8x17	235/40	8x17	7500	-	-
Chevrolet Cobalt SS (08) ¹	1998	3000	1900 mbar	3.50	235/40	8x17	235/40	8x17	6700	-	-
Honda Civic Si (06-) ¹	1998	2800 ⁴	-	3.50	235/40	8x17	235/40	8x17	8600	-	-
Honda Civic Si (01-05) ¹	2045	2800	-	3.50	235/40	8x17	235/40	8x17	7800	-	-
Honda Civic Si 2.4L (01-05) ¹	2409	2800	-	3.50	235/40	8x17	235/40	8x17	7800	-	-
Lexus IS300 (01-05) ¹	3067	2900	-	3.50	235/40	8x17	235/40	8x17	7300	-	-
MAZDASPEED 3	2300	3025	39 mm, 1900 mbar	3.50	235/40	9x17	235/40	9x17	7000		
Mazda RX-8 (04-08) ¹	1308	2800	-	3.50	235/40	8.5x17	235/40	8.5x17	9000	-	-
Mini Cooper S (01-06) ¹	1598	2300	TBD	3.50	225/45	15	225/45	15	TBD	-	-
Nissan Altima (08-) ¹	3498	TBD	-	3.50	235/40	8x17	235/40	8x17	6600	-	-
Scion tC (05-08) ¹	2362	2800	1820 mbar	3.50	235/40	8x17	235/40	8x17	7000	-	-
Volkswagen GTI T3 (06-08) ¹	1984	3000	38 mm	3.50	235/40	8x17	235/40	8x17	TBD	-	-
Volkswagen Jetta GLI / Golf GTI (05-10) ¹	1984	2975	1800 mbar	4.00	235/40	8x17	235/40	8x17	6800	-	-

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.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
2007-2008	Acura TL Type S	2008	Honda Civic Si 2DR and 4DR
2004	Audi S4	2006	Hyundai Tiburon (2.7)
2003-2005	Audi TT 1.8 L turbo	2003-2006	Infiniti G35 Coupe
	BMW 328i	2006	Mazda 6 3.0
2006	BMW 330i Sedan		Mazda Mazdaspeed3
2001-2003	BMW 330i/Ci	2003-2006	Mini Cooper S
2004	BMW E46 330	2003-2004	Nissan Sentra Spec V (2.4)
2008-2009	Chevrolet Cobalt SS	2005	Scion TC
2003-2005	Dodge SRT-4	2007	Subaru Legacy Spec B Sedan 2007 2.5
2005	Honda Accord 3.0	2006	Volkswagen GTI 2.0
2006	Honda Civic SI 2.0		