

Winged Warrior

Performance Challenge and Car Show Official Rules

Version 1.0.2 1/9/2007
www.wingedwarrior.net

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1) About Winged Warrior

Dr. Kevin Butterfield initiated the Winged Warrior Performance Challenge in 2002 as a small toy donation charity for the patients at Riley Children's Hospital. Over the years this small charity has grown into an automotive performance shootout, car show, and spectator event for the greater benefit of these same children.

The Performance Challenge is divided into two teams: Team Import vs. Team Domestic. Our competitors all have varied backgrounds, and even more varied cars. From bone stock to heavily modified, all types of cars are eligible. If you have ever wondered just how well your car really performs, or how it really measures up compared with others, why not find out for yourself and benefit a great charity at the same time! Or perhaps you prefer to show off your car other than race it. If that is the case, then the car show portion of Winged Warrior is for you.

2) Rules Intent and Purpose

The intent of these rules is to provide mandates to ensure that all vehicles are modified within clearly established limits, so as to ensure an even as possible platform, in which a contest of driving skill may provide the most talented of drivers with great rewards.

These rules provide the Winged Warrior Staff a guideline to use when making decisions regarding The Winged Warrior Performance Challenge and Car show. The intent of the rules and safety considerations will be the overriding factors in making such decisions, as opposed to a constrained interpretation of the rules based on phraseology or verbiage.

The rules shall be applied in a logical manner that seeks to provide competitors a safe and fair venue for competition.

If a modification is not specifically indicated in the rules, check with the Rules Committee for legality. A permitted item cannot be modified to perform either a prohibited function, or the function of an item that would otherwise be assessed points under the modification rules. Vehicle legality is the sole responsibility of the driver.

Winged Warrior relies on an honor code among competitors. As such, penalties for non-compliance with the rules will be harsh, and may include disqualification from competition with a single infraction, regardless of the nature of the infraction.

Modifications submitted at the time of registration are considered final unless written notification is given to the current Rules Chairman no less than 30 days prior to the event.

No exceptions. Compliance to the rules is ultimately the discretion of the Winged Warrior Rules Committee, and rules are subject to change at any time.

3) Driver Requirements

All drivers must be at least 18 years of age at the time of the event, and have a valid US driver's license. Signed waiver forms must be on file before competing in any of the Winged Warrior Performance events. Helmets must be worn during all events, and are required to be SA 1995, M1995 or newer. All drivers must wear closed toe shoes, sleeved shirt, and pants when competing. Natural fiber clothes are recommended (i.e. jeans and cotton shirts). One driver per car for all events; the driver is not required to own the car. All drivers must act in a sportsmanlike manner at all times during the event. All drivers are expected to drive in a safe and responsible manner, and Winged Warrior drivers will be held to a high standard in regard to on course/track etiquette, driver cooperation, and

sportsmanship. Not following these standards will result in the driver being removed from the event. Drugs and alcohol on site are not permitted.

4) Classes

Winged Warrior Performance Challenge will include 6 classes (A through F) plus 1 Tuner class. Stock (OEM or Original Equipment Manufactured) cars are defined as a car equipped at its original year, make, model and equipment level specifications, without factory options. Stock cars in Classes A to F, are listed as follows below under their base classification (some makes and models have points assessments in stock form. Others – in group F only – have negative assessments to allow for more modifications before moving up in class). Cars may be upclassed based on vehicle modifications outlined in section 4.3. OEM special edition cars that are not listed under the base classifications need to be verified with the Winged Warrior Rules Committee to determine the correct base class, or whether they will simply be assessed modification points for all factory upgrades compared to their standard counterparts. New cars will be classified as they enter competition on a provisional basis. The Winged Warrior Rules committee will decide on the classification, and it will be posted on the Winged Warrior website www.wingedwarrior.net. Any changes to base classifications, and rules revisions or additions will also be released on the Winged Warrior website. Base re-classification requests will be reviewed on a case by case basis. All cars in the Winged Warrior Challenge shall be street driven with a finished interior (no gutting allowed).

4.1) Base Classifications

Make	Model	Class
BMW	M5 E60 ('06)	WW-A
BMW	M6 ('06+)	WW-A
Caterham	Super 7	WW-A
Chevrolet	Corvette C6 ('05+)(Z51 ok)	WW-A
Chevrolet	Corvette Z06 ('01-'04)	WW-A
Chevrolet	Corvette Z06 ('06+)	WW-A
Diasio	D962R	WW-A
Dodge	Viper	WW-A
Dodge	Viper ACR	WW-A
Dodge	Viper Comp. Coupe	WW-A
Ferrari	355	WW-A
Ferrari	360	WW-A
Ferrari	430	WW-A
Ferrari	550	WW-A
Ferrari	612	WW-A
Ferrari	360 Challenge	WW-A
Ferrari	456GT	WW-A
Ferrari	575M	WW-A
Ferrari	Enzo	WW-A
Ferrari	Superamerica	WW-A
Ferrari	Testarossa	WW-A
Ford	GT	WW-A
Lamborghini	Diablo VT	WW-A
Lotus	Esprit (V8) TT	WW-A

Make	Model	Class
Lotus	Exige 240R	WW-A
Noble	M12 GTO-3R (352 hp 3.0L V6)	WW-A
Noble	M400 (425 hp 3.0L V6)	WW-A
Porsche	959	WW-A
Porsche	993 Turbo	WW-A
Porsche	993 Turbo S	WW-A
Porsche	996 C4S (3.6L)	WW-A
Porsche	996 GT2	WW-A
Porsche	996 GT3	WW-A
Porsche	996 Turbo	WW-A
Porsche	996 Turbo S	WW-A
Porsche	997 C4 ('05+)	WW-A
Porsche	997 C4S	WW-A
Porsche	997 Club Coupe	WW-A
Porsche	997 CS	WW-A
Porsche	997 GT3 Cup	WW-A
Porsche	Carrera GT	WW-A
BMW	Z8	WW-B (+7)
Chevrolet	Corvette '63-'82 (>425 hp)	WW-B
Chevrolet	Corvette C5	WW-B (+7)
Chevrolet	Corvette ZR-1	WW-B
Chrysler	Crossfire SRT6	WW-B
Ferrari	348 (320 hp)	WW-B
Fiat	X1-9 2000	WW-B (+7)
Ford	Mustang Cobra R ('00)	WW-B (+7)
Ford	Mustang Cobra SVT ('02+)	WW-B
Lotus	Elise (w/ Sport and/or Touring pkg.)	WW-B
Lotus	Esprit 4 Turbo	WW-B
Lotus	Exige	WW-B (+7)
Mercedes	E55 ('03+)	WW-B (+7)
Mercedes	SLK 55 AMG	WW-B
Mitsubishi	Lancer Evolution IX ('06)	WW-B
Mitsubishi	Lancer Evolution MR ('06)	WW-B (+7)
Mitsubishi	Lancer Evolution RS ('06)	WW-B
Mitsubishi	Lancer Evolution VIII MR ('04-'05)	WW-B
Porsche	965 3.6L (Turbo II--'93-'94)	WW-B
Porsche	968 Turbo S	WW-B
Porsche	993 C4S (AWD)	WW-B
Porsche	993 RS 3.8L	WW-B (+7)
Porsche	996 C2 (3.4L) ('99-'01)	WW-B
Porsche	996 C2 (3.6L)('02-'04)	WW-B (+7)
Porsche	996 C4 (3.4L)	WW-B
Porsche	996 C4 (3.6L)	WW-B
Porsche	997 Carrera	WW-B (+7)
Porsche	Cayman S	WW-B
Subaru	WRX Sti (AWD)	WW-B
Acura	NSX	WW-C (+15)

Make	Model	Class
Audi	A8 6.0L (AWD)	WW-C
Audi	S4 ('03+)(AWD)	WW-C
BMW	M Coupe (315 hp)	WW-C (+7)
BMW	M Roadster (315 hp)	WW-C (+7)
BMW	M3 (E46)('01-'05)	WW-C (+7)
BMW	M5 E39 ('00-'03)	WW-C (+7)
Cadillac	CTS-V	WW-C (+7)
Cadillac	STS-V	WW-C (+7)
Chevrolet	Corvette '63-'82 (>330,<425 hp)	WW-C (+7)
Chevrolet	Corvette C4 ('92-'96) (LT1)	WW-C (+7)
Chevrolet	Corvette C4 (LT4 option) (330 hp)	WW-C (+15)
Chevrolet	Corvette GS	WW-C (+15)
Chrysler	300C SRT8	WW-C
DeTomaso	Pantera	WW-C (+7)
Dodge	Charger SRT8	WW-C
Dodge	Magnum SRT8	WW-C
Dodge	SRT10 Viper Truck	WW-C (+15)
Dodge	Stealth Turbo ('94-'96)(AWD)	WW-C
Ferrari	328	WW-C (+7)
Ferrari	348 (<305 hp)	WW-C (+7)
Ford	Mustang Cobra ('96-'98)	WW-C
Ford	Mustang Cobra ('99 & '01)	WW-C (+7)
Ford	Mustang Cobra R ('95)	WW-C (+7)
Ford	Mustang GT ('07)	WW-C
Ford	Mustang Mach 1	WW-C
Jaguar	S-Type R	WW-C
Jaguar	XJ8 S/C	WW-C (+7)
Jaguar	XJR	WW-C
Jaguar	XKR-SC	WW-C
Lotus	Elise	WW-C (+15)
Mazda	RX-7 TT	WW-C (+7)
Mercedes	C32 AMG	WW-C (+7)
Mercedes	C55 AMG	WW-C (+15)
Mercedes	CLK AMG	WW-C (+7)
Mercedes	E55 (pre '03)	WW-C (+7)
Mitsubishi	Lancer Evo VIII (AWD)	WW-C (+15)
Nissan	350Z ('03-'05) (287hp)(enth. ok)	WW-C
Nissan	350Z (300hp)('06+)(enthus. ok)	WW-C
Nissan	350Z Track ('05+),35anniv, GT	WW-C (+7)
Nissan	350Z Track Model ('03-'04)	WW-C (+7)
Pontiac	Firebird Firehawk	WW-C
Pontiac	GTO ('05+)	WW-C (+7)
Porsche	911 Turbo 3.0L ('74-'77)	WW-C (+15)
Porsche	911 Turbo 3.3L ('77-'89)	WW-C (+15)
Porsche	944 Turbo S	WW-C (+15)
Porsche	964 RS	WW-C (+15)
Porsche	964 RS America	WW-C (+7)
Porsche	965 3.3L (Turbo II--'90-'92)	WW-C (+15)
Porsche	993 C2 (pre-'99)	WW-C (+15)
Porsche	993 C2S	WW-C (+15)
Porsche	993 C4 (AWD)	WW-C (+15)

Make	Model	Class
Porsche	Boxster S	WW-C (+7)
Saturn	Sky Redline	WW-C
Toyota	Supra TT	WW-C (+15)
Acura	Integra Type-R	WW-D
Acura	RSX-S	WW-D
Audi	A8 4.2L (AWD)	WW-D
Audi	A8 4.6L (AWD)	WW-D
Audi	S4 (pre '03)(AWD)	WW-D
Audi	S8 ('01-'03)(AWD)	WW-D (+15)
Audi	TT (225 hp)(AWD)	WW-D
Audi	TT (250 hp)(AWD)	WW-D
BMW	335 ('07)	WW-D (+15)
BMW	M Coupe/Roadster (240hp)	WW-D
BMW	M3 (E36)('95-'99)	WW-D
BMW	M5 E28,E34('85-'93)	WW-D (+7)
BMW	MINI Cooper Works	WW-D
BMW	Z3 6-cyl	WW-D
BMW	Z4 3.0L	WW-D
Cadillac	STS (4.6) AWD	WW-D
Cadillac	XLR	WW-D (+15)
Chevrolet	Camaro SS ('01-'02)	WW-D (+15)
Chevrolet	Camaro SS (pre-'01)	WW-D (+15)
Chevrolet	Camaro Z28 ('98-'02)	WW-D (+7)
Chevrolet	Corvette '63-'82 (>200, <330 hp)	WW-D
Chevrolet	Corvette C4 ('85-'91)	WW-D (+15)
Dodge	Charger 5.7L ('06+)	WW-D (+7)
Dodge	Stealth Turbo ('91-'93)(AWD)	WW-D
Ferrari	308	WW-D
Ford	Mustang Cobra R ('93)	WW-D (+7)
Ford	Mustang GT ('05-'06)	WW-D (+15)
Honda	S2000 (2.0L)('00-'03)	WW-D (+7)
Honda	S2000 (2.2L)('04-'07)	WW-D (+7)
Infiniti	G35 ('05-'06)	WW-D
Infiniti	G35 (pre-'05)	WW-D
Infiniti	G35x (AWD)	WW-D (+15)
Jaguar	S-Type 4.2L S/C	WW-D (+15)
Jaguar	XKE	WW-D (+7)
Lexus	GS350 ('07)	WW-D
Mazda	RX-8 ('04-'07)	WW-D
Mercedes	CLK430	WW-D
Mitsubishi	3000 VR-4 ('91-'93)(AWD)	WW-D
Mitsubishi	3000 VR-4 ('94-'99)(AWD)	WW-D (+15)
Nissan	240SX (S14 220hp swap)	WW-D (+7)
Nissan	300ZX TT	WW-D (+15)
Nissan	350Z Roadster ('06)	WW-D (+7)
Nissan	Altima 3.5L SE-R	WW-D
Plymouth	Prowler	WW-D (+7)
Pontiac	Firebird WS6	WW-D (+15)
Pontiac	Formula ('98-'02)	WW-D (+7)

Make	Model	Class
Pontiac	GTO ('04)	WW-D (+7)
Pontiac	Trans Am ('98-'02)	WW-D (+7)
Pontiac	Trans Am Turbo V6	WW-D (+7)
Porsche	928	WW-D
Porsche	968	WW-D (+7)
Porsche	911 ('78-'83)	WW-D (+7)
Porsche	911 ('84-'89)	WW-D (+7)
Porsche	911 Carrera ('73-'77)	WW-D (+7)
Porsche	911S ('67-'69)	WW-D
Porsche	911S ('70-'73)	WW-D (+7)
Porsche	944 S2	WW-D (+7)
Porsche	944 Turbo	WW-D (+7)
Porsche	964 Carrera 2	WW-D (+15)
Porsche	964 Carrera 4 (AWD)	WW-D (+15)
Porsche	Boxster	WW-D (+7)
Saab	9-2X Aero (AWD)	WW-D
Subaru	Legacy GT ('05+)(AWD)	WW-D (+7)
Subaru	WRX 2.0L (AWD)	WW-D
Subaru	WRX 2.5L ('06+)(AWD)	WW-D (+7)
Volvo	S60 R (AWD)	WW-D (+15)
VW	Golf R32 (AWD)	WW-D
Acura	CL-S	WW-E
Acura	CL-S (6 spd)	WW-E
Acura	Integra GS-R	WW-E
Acura	RL ('05+)	WW-E
Acura	TL ('04-'05)	WW-E (+7)
Acura	TL ('06+)	WW-E
Acura	TL-S	WW-E
Alfa Romeo	2000 Spider	WW-E
Audi	A3 3.2 AWD (250 hp)	WW-E (+7)
Audi	A6 2.7T (AWD)	WW-E
Audi	A6 4.2L ('00-04)(AWD)	WW-E (+7)
Audi	A6 4.2L ('05+)(AWD)	WW-E (+15)
Audi	TT (180 hp)	WW-E
BMW	540	WW-E (+15)
BMW	2002tii	WW-E
BMW	325i ('06)(3.0L 215hp)	WW-E
BMW	328 ('07)	WW-E (+7)
BMW	330 ('06)(255hp)	WW-E
BMW	330 ('99-'06)(225hp)	WW-E
BMW	M3 (E30)(pre-'92)	WW-E (+7)
BMW	M6	WW-E (+7)
BMW	MINI Cooper S ('02-'04)	WW-E
BMW	MINI Cooper S ('05-'06)	WW-E
BMW	Z4 2.5L	WW-E
Cadillac	CTS 3.6L	WW-E (+7)
Cadillac	STS (V8)	WW-E (+15)
Chevrolet	Camaro Z28 (pre '98)	WW-E (+15)
Chevrolet	Cobalt SS 2.0L (S/C)	WW-E

Make	Model	Class
Chevrolet	Corvaire Corsa Turbo	WW-E (+7)
Chevrolet	Impala SS ('06-'07)	WW-E (+7)
Chevrolet	Monte Carlo SS ('04-'05)	WW-E
Chevrolet	Monte Carlo SS ('06)	WW-E (+15)
Chrysler	300C (5.7L)	WW-E (+15)
Chrysler	300C (5.7L) (AWD)	WW-E (+15)
Chrysler	Crossfire (215hp)	WW-E (+7)
Dodge	Magnum RT	WW-E (+7)
Dodge	Magnum RT AWD	WW-E (+15)
Dodge	Neon SRT4 ('03-05)	WW-E (+7)
Dodge	Neon SRT4 ACR	WW-E (+15)
Dodge	Shelby Charger GLHS (turbo)	WW-E
Dodge	Shelby Omni GLHS	WW-E
Dodge	Stealth (DOHC)	WW-E
Eagle	Talon Turbo	WW-E
Eagle	Talon Turbo AWD ('90-'92)	WW-E (+7)
Ford	F150 Lightning	WW-E (+7)
Ford	Mustang Cobra ('93-'95)	WW-E (+15)
Ford	Mustang SVO ('84-'86)	WW-E
Ford	Mustang V8 ('79-'93 <226 hp)	WW-E
Ford	Mustang V8 ('94-'98 <226 hp)	WW-E (+7)
Ford	Mustang V8 ('99-'04)	WW-E (+15)
Ford	Thunderbird V8 ('03+)	WW-E
Honda	Accord 3.0 V6 ('03+)	WW-E
Honda	Civic del Sol VTEC (DOHC 1.6L)	WW-E
Honda	Civic Si 2.0L ('06)	WW-E
Honda	CRX 1.6L DOHC VTEC	WW-E
Infiniti	I35	WW-E (+7)
Infiniti	Q45 ('02-'06)	WW-E (+7)
Jaguar	S-Type 4.0L, 4.2L	WW-E (+15)
Jaguar	XJ Vanden Plas	WW-E (+7)
Jaguar	XJ8 3.5L	WW-E
Jaguar	XJ8 4.2L	WW-E (+15)
Lexus	GS300 ('06)	WW-E
Lexus	GS400	WW-E (+15)
Lexus	GS430	WW-E (+15)
Lexus	LS400	WW-E
Lexus	LS430	WW-E
Lexus	SC400	WW-E (+7)
Lexus	SC430	WW-E (+7)
Lincoln	LS (V8)	WW-E
Mazda	Miata 1.8L ('94-'97)	WW-E
Mazda	Miata 1.8L ('99-'05)	WW-E
Mazda	Miata MX-5 ('06-07)	WW-E (+7)
Mazda	Miata MX-5 turbo ('05)	WW-E (+7)
Mazda	RX-7 13B	WW-E
Mazda	RX-7 Turbo II	WW-E (+15)
Mazda	RX-8 (197 hp)(Auto)('04-'05)	WW-E
Mazda	RX-8 (212 hp)(Auto)('06-'07)	WW-E (+7)
Mercedes	C320	WW-E
Mercedes	SLK 320	WW-E (+7)

Make	Model	Class
Mercury	Marauder	WW-E
Merkur	XR4Ti	WW-E
Mitsubishi	3000GT (NA-DOHC)	WW-E
Mitsubishi	Eclipse GT 3.8L	WW-E (+7)
Mitsubishi	Eclipse Turbo	WW-E (+7)
Mitsubishi	Eclipse Turbo AWD	WW-E (+7)
Mitsubishi	Galant VR4 (AWD)	WW-E
Nissan	200SX 2.0L Turbo	WW-E
Nissan	240SX HICAS	WW-E
Nissan	240Z	WW-E (+15)
Nissan	260Z	WW-E
Nissan	280ZX Turbo	WW-E
Nissan	300ZX all (Z31--'84-'89) NA	WW-E
Nissan	300ZX NA (Z32) 2+2	WW-E
Nissan	300ZX NA (Z32--'90-'96)	WW-E (+7)
Nissan	Altima 3.5L	WW-E (+7)
Nissan	Maxima 3.5L	WW-E (+7)
Oldsmobile	Cutlass Calais 2.3L Turbo Quad4	WW-E
Plymouth	Laser Turbo	WW-E
Plymouth	Laser Turbo AWD	WW-E (+7)
Pontiac	Formula (pre-'98)	WW-E (+15)
Pontiac	Grand Prix GTP,GT(240,260hp)	WW-E
Pontiac	Grand Prix GXP (inc. '07)	WW-E (+15)
Pontiac	Trans Am (pre-'98)	WW-E (+15)
Porsche	911 ('63-'69)	WW-E (+7)
Porsche	911 ('70-'73)	WW-E (+7)
Porsche	911 ('73-'77)	WW-E (+7)
Porsche	914-6	WW-E
Porsche	924 S	WW-E
Porsche	924 Turbo	WW-E (+7)
Porsche	944 S	WW-E (+7)
Saab	9-3 Aero	WW-E (+15)
Saab	9-3 Viggen	WW-E (+7)
Saab	9-5 Aero (turbo)	WW-E
Scion	tC S/C (TRD) (200hp)	WW-E
Subaru	Forester XT (AWD)	WW-E
Subaru	Impreza 2.5L (AWD)	WW-E
Subaru	Outback 3.0 (250 hp)(AWD)	WW-E
Subaru	Outback XT (turbo AWD)	WW-E (+7)
Subaru	SVX (AWD)	WW-E
Toyota	Celica AllTrac ('88-'89)	WW-E
Toyota	Celica AllTrac ('90-'93)	WW-E
Toyota	Celica GT-S ('00-'05)	WW-E (+7)
Toyota	MR Spyder	WW-E (+7)
Toyota	MR2 Turbo	WW-E (+15)
Toyota	Supra NA ('94-'98)	WW-E (+7)
Toyota	Supra T	WW-E
Triumph	GT6 MK III	WW-E
Volvo	S40 T5 (AWD)	WW-E (+7)
Volvo	S60 2.5L Turbo (AWD)	WW-E
Volvo	S60 T5	WW-E (+15)

Make	Model	Class
VW	Golf 2.8L VR6	WW-E
VW	Jetta 2.0L GTi DOHC	WW-E
VW	Passat 3.6L	WW-E (+7)
VW	Passat W8 (AWD)	WW-E
VW	Scirocco GTI (UK)	WW-E
Acura	CL 2.2L	WW-F (-20)
Acura	CL V6	WW-F (+7)
Acura	Integra 1.6L (125hp)	WW-F (+15)
Acura	Integra 1.8L (non-VTEC)	WW-F (+7)
Acura	RL (pre'05)	WW-F (-5)
Acura	RSX	WW-F (+15)
Acura	TL (pre '04)	WW-F (+7)
Acura	TSX	WW-F (+15)
Alfa Romeo	1600 Spider	WW-F
Alfa Romeo	2600 Spider	WW-F (+15)
Audi	A3 2.0T (200 hp)	WW-F (+15)
Audi	A4 1.8T (150 hp)	WW-F
Audi	A4 1.8T (170 hp)	WW-F
Audi	A4 2.0T (197 hp)	WW-F (+7)
Audi	A4 2.0T AWD (200 hp)	WW-F (+15)
Audi	A4 2.8L (190 hp)	WW-F (+15)
Audi	A4 3.0L (220 hp)	WW-F (+15)
Audi	Coupe (110 hp)	WW-F (-5)
Audi	Coupe (164 hp)	WW-F (-5)
Austin	Mini 1L (<40hp)	WW-F (-20)
Austin	Mini 1L, 1.1L (40 to 47hp)	WW-F (-20)
Austin	Mini Cooper (55hp)	WW-F (-20)
Austin	Mini Cooper 1071S	WW-F
Austin	Mini Cooper 1275S	WW-F (+15)
BMW	2002 ('68-'74)	WW-F (-5)
BMW	2002 ('75-'76) (2403)	WW-F (-13)
BMW	318 (E30)(1.8L)	WW-F
BMW	318 (E36)('92-'98)(1.9L)	WW-F
BMW	323 (E36)('92-'98)(2.5L)	WW-F (+7)
BMW	325 (E30)(2.5L)	WW-F (+15)
BMW	325 (E46)('99-'06)(2.5L184 hp)	WW-F (+15)
BMW	328 (E36)('92-'98)	WW-F (+15)
BMW	5 series 6-cyl	WW-F (+15)
BMW	MINI Cooper ('01-'04)	WW-F
BMW	MINI Cooper ('05-'06)	WW-F (-5)
BMW	Z3 4-cyl	WW-F (+7)
Cadillac	Catera	WW-F (-5)
Cadillac	CTS 2.8L	WW-F (+7)
Cadillac	STS (V6)	WW-F (+15)
Chevrolet	Aveo	WW-F (-13)
Chevrolet	Camaro 3.1L	WW-F (-13)
Chevrolet	Camaro 3.4L	WW-F (-13)
Chevrolet	Camaro 3.8L	WW-F (+7)
Chevrolet	Cavalier	WW-F

Make	Model	Class
Chevrolet	Cavalier Z24	WW-F (+7)
Chevrolet	Cobalt 2.2L	WW-F (-5)
Chevrolet	Cobalt 2.4L	WW-F (+7)
Chevrolet	Corvair (140hp)	WW-F (+15)
Chevrolet	Corvair (95,100hp)	WW-F (-20)
Chevrolet	Corvair Monza GT Spyder	WW-F (+15)
Chevrolet	Corvette '63-'82 (200hp)	WW-F (+15)
Chevrolet	Impala SS ('04-'05)	WW-F (+7)
Chevrolet	Impala SS ('94-'96)	WW-F (+7)
Chevrolet	Monte Carle LTZ ('06)	WW-F (+15)
Chevrolet	Monte Carlo SS (pre '04)	WW-F
Chevrolet	S10 Extreme (180hp)	WW-F
Chrysler	300 (3.5L)	WW-F (+7)
Chrysler	Cirrus 4-cyl	WW-F (-13)
Chrysler	PT Cruiser	WW-F (-20)
Chrysler	PT Cruiser GT	WW-F (+15)
Datsun	510 (96 hp)	WW-F (+7)
Datsun	510 (L20B swap)	WW-F (+15)
Dodge	Charger 3.5L ('06+)	WW-F (+15)
Dodge	Neon DOHC Coupe	WW-F (+7)
Dodge	Neon DOHC Sedan	WW-F (+7)
Dodge	Neon SOHC Coupe	WW-F (+7)
Dodge	Neon SOHC Sedan (1st gen)	WW-F (+7)
Dodge	Neon SOHC Sedan (2nd gen)	WW-F
Dodge	Shelby Charger (110hp)	WW-F (-5)
Dodge	Shelby Charger (146hp)	WW-F (+7)
Dodge	Shelby Lancer	WW-F
Dodge	Shelby Omni GLH (146 hp)	WW-F (+7)
Dodge	Stealth (SOHC)	WW-F
Dodge	Stratus 4-cyl	WW-F (-20)
Dodge	Stratus RT	WW-F
Eagle	Talon 2.0L (135-140hp)	WW-F (-5)
Fiat	124 Spider 1400	WW-F (-5)
Fiat	124 Spider 1600	WW-F (+7)
Fiat	124 Spider 1800	WW-F (+15)
Fiat	124 Sport Spider 2000	WW-F (-13)
Fiat	128 (55-60 hp)	WW-F (-20)
Fiat	X1-9 1.3L	WW-F (-13)
Fiat	X1-9 1.5L	WW-F (-5)
Ford	Contour SVT	WW-F (+15)
Ford	Escort 1.9L	WW-F (-33)
Ford	Escort 2.0L	WW-F (-13)
Ford	Escort GT (1.8L)	WW-F (+7)
Ford	Escort ZX2	WW-F (+7)
Ford	Escort ZX2 S/R	WW-F (+7)
Ford	Festiva	WW-F (-25)
Ford	Focus (2.0L 16v)	WW-F (-5)
Ford	Focus (2.0L 8v)	WW-F (-20)
Ford	Focus (2.3L 16v)	WW-F (+7)
Ford	Focus SVT (2.0L)	WW-F (+15)
Ford	Focus ZX4 ST (2.3L)	WW-F (+15)

Make	Model	Class
Ford	Mustang I4	WW-F (-25)
Ford	Mustang I4 turbo	WW-F (-13)
Ford	Mustang I6	WW-F (-20)
Ford	Mustang V6 (190+ hp)	WW-F (+15)
Ford	Mustang V6 (pre-'99)	WW-F (-5)
Ford	Mustang V8 ('64-'68 <272 hp)	WW-F (+7)
Ford	Mustang V8 ('69-'70 <291 hp)	WW-F (+7)
Ford	Mustang V8 ('71-'73 <286 hp)	WW-F
Ford	Pinto 1.6L	WW-F (-20)
Ford	Pinto 2.3L	WW-F (-13)
Ford	Pinto 2.8L	WW-F (-13)
Ford	Probe GT	WW-F (+7)
Ford	Probe Turbo	WW-F (+7)
Ford	Taurus GL	WW-F (-25)
Ford	Taurus SHO	WW-F (+15)
Ford	Thunderbird Super Coupe/Turbo	WW-F (+15)
Ford	Thunderbird V6 (pre-'02)	WW-F (-25)
Ford	Thunderbird V8 ('02)	WW-F (+15)
Ford	Thunderbird V8 ('90-'97)	WW-F (+7)
Geo	Metro 1.0L	WW-F (-25)
Geo	Metro 1.3L	WW-F (-25)
Geo	Prizm	WW-F
Geo	Storm	WW-F (-20)
Geo	Storm GSI	WW-F (+7)
Honda	Accord 2.0L	WW-F (-5)
Honda	Accord 2.2L	WW-F (-13)
Honda	Accord 2.3L	WW-F (-13)
Honda	Accord 2.4L	WW-F
Honda	Accord 2.7 V6 ('95-'97)	WW-F
Honda	Accord 3.0 V6 ('98-'02)	WW-F (+7)
Honda	Civic 1.6L SOHC ('88-'91)	WW-F
Honda	Civic Base ('88-'91)	WW-F (-20)
Honda	Civic Coupe 1.8L ('06)	WW-F (+7)
Honda	Civic CX ('92-'95)	WW-F (-20)
Honda	Civic del Sol S (<107hp)	WW-F (-5)
Honda	Civic del Sol Si (<128hp)	WW-F (+7)
Honda	Civic EX 1.6L ('96-'00)	WW-F
Honda	Civic EX 1.7L ('01-'05)	WW-F
Honda	Civic Non-VTEC (92hp)	WW-F
Honda	Civic Si 1.6L ('92-'95)	WW-F (+7)
Honda	Civic Si 1.6L ('96-'99)	WW-F (+15)
Honda	Civic Si 2.0L ('01-'05)	WW-F (+7)
Honda	Civic VX	WW-F (-5)
Honda	CRX DX 1.5L 16v ('88-'91)	WW-F (-5)
Honda	CRX DX 12v ('85-'87)	WW-F (-5)
Honda	CRX HF	WW-F (-20)
Honda	CRX Si ('88-'91)	WW-F (+7)
Honda	CRX Si 1.5L ('85-'87)	WW-F (+15)
Honda	Prelude Si ('92-'96)	WW-F (+7)
Honda	Prelude Si (pre-'92)	WW-F
Honda	Prelude VTEC ('93-'01)	WW-F (+15)

Make	Model	Class
Hyundai	Accent 1.5L (105hp)	WW-F (+7)
Hyundai	Accent 1.6L	WW-F (-5)
Hyundai	Elantra 1.6L	WW-F (-5)
Hyundai	Elantra 1.8L	WW-F (+7)
Hyundai	Elantra 2.0L	WW-F
Hyundai	Tiburon 2.0L ('03+)	WW-F (-20)
Hyundai	Tiburon 2.0L ('97-'01)	WW-F
Hyundai	Tiburon V6	WW-F (+7)
Infiniti	G20	WW-F (-13)
Infiniti	I30 ('00-'01)	WW-F (+15)
Infiniti	I30 ('96-'99)	WW-F (+7)
Infiniti	Q45 (pre-'02)	WW-F (+15)
Jaguar	S-Type (235 hp)	WW-F (+15)
Jaguar	X-Type	WW-F (+15)
Kia	Rio	WW-F (-5)
Kia	Sephia	WW-F
Kia	Spectra	WW-F (-13)
Lexus	GS300 ('93-'05)	WW-F (+7)
Lexus	IS300	WW-F (+15)
Lexus	SC300	WW-F (+7)
Mazda	323 (pre'95--82hp)	WW-F (-20)
Mazda	323 GTX (1.6L T)	WW-F
Mazda	626 2.0L	WW-F (-20)
Mazda	626 2.5L V6	WW-F
Mazda	Mazda3 (2.0L)	WW-F
Mazda	Mazda3 (2.3L)	WW-F (+7)
Mazda	Mazda6 2.3L	WW-F
Mazda	Mazda6 3.0L (V6)	WW-F (+15)
Mazda	Mazdaspeed Protegé (Turbo)	WW-F (+15)
Mazda	Miata 1.6L	WW-F (+15)
Mazda	MX-3	WW-F (-13)
Mazda	MX-3 GS	WW-F
Mazda	MX-6 (2.2L)(110hp)	WW-F (-13)
Mazda	MX-6 GT (turbo)	WW-F (+7)
Mazda	MX-6 V6	WW-F (+7)
Mazda	Protegé 1.6L	WW-F (-20)
Mazda	Protegé 1.8L	WW-F
Mazda	Protegé 2.0L	WW-F
Mazda	Protegé 5	WW-F (-13)
Mazda	Protegé MP3	WW-F (-5)
Mazda	RX-7 12A	WW-F (-5)
Mazda	RX-7 13B GSL-SE (1st Gen)	WW-F (+15)
Mercedes	190E 2.3 (16v)	WW-F (+15)
Mercedes	C230	WW-F (+15)
Mercedes	C280	WW-F (+15)
Mercury	Capri 1.6L (75hp)	WW-F (-20)
Mercury	Capri 2.0L ('71) (100hp)	WW-F
Mercury	Capri 2.0L ('72-'74)	WW-F (-13)
Mercury	Capri 2.3L ('76-'77)	WW-F (-25)
Mercury	Capri 2.6L, 2.8L ('72-'74)	WW-F
Mercury	Capri 2.8L ('76-'77)	WW-F (-33)

Make	Model	Class
Mercury	Cougar 2.5L V6	WW-F (+7)
MG	Midget 1.1l, 1.3l, 1.5l	WW-F
Mitsubishi	3000GT (NA-SOHC)	WW-F
Mitsubishi	Eclipse (4-cyl)	WW-F (-5)
Mitsubishi	Eclipse Spyder 3.0L (V6)	WW-F (+15)
Mitsubishi	Galant (4-cyl)	WW-F (-13)
Mitsubishi	Galant V6 (195hp)	WW-F
Mitsubishi	Galant V6 (230 hp)	WW-F (+7)
Mitsubishi	Lancer	WW-F (-20)
Mitsubishi	Lancer 2.4	WW-F (+7)
Mitsubishi	Mirage	WW-F (-13)
Mitsubishi	Mirage 1.8L	WW-F
Mitsubishi	Starion	WW-F (-13)
Mitsubishi	Starion ESI-R (turbo)	WW-F (+7)
Nissan	200SX 1.6L	WW-F
Nissan	200SX SE-R (2.0L)	WW-F
Nissan	240SX	WW-F (+15)
Nissan	240SX SOHC ('89-'90) (140hp)	WW-F (+7)
Nissan	280ZX	WW-F (+15)
Nissan	Altima 2.4L	WW-F
Nissan	Altima 2.5L	WW-F (+7)
Nissan	NX1600	WW-F (-5)
Nissan	NX2000	WW-F
Nissan	Pulsar NX 1.8L	WW-F
Nissan	Sentra 1.6L	WW-F
Nissan	Sentra 1.8L	WW-F
Nissan	Sentra SE	WW-F
Nissan	Sentra SE-R 2.0L ('91-'94)	WW-F
Nissan	Sentra SE-R 2.5L ('02-'05)	WW-F (+7)
Nissan	Sentra Spec V	WW-F (+15)
Opel	GT 1100	WW-F (-20)
Opel	GT1900	WW-F (-13)
Opel	Manta	WW-F (-20)
Pontiac	Fiero (4-cyl)	WW-F (-20)
Pontiac	Fiero (V6)	WW-F (+7)
Pontiac	Firebird 3.4L (V6)	WW-F (-5)
Pontiac	Firebird 3.8L	WW-F (+15)
Pontiac	Formula '87 (5.0L, 215hp)	WW-F (+15)
Pontiac	Grand AM 2.3L (170,180hp)	WW-F (+15)
Pontiac	Grand Am 3.4L (V6)	WW-F (-5)
Pontiac	Grand Prix GT (pre-'04)	WW-F
Pontiac	Grand Prix SE	WW-F (-13)
Pontiac	Solstice	WW-F (+15)
Pontiac	Vibe	WW-F (-13)
Pontiac	Vibe GT (164 hp)	WW-F
Pontiac	Vibe GT (180 hp)	WW-F (+7)
Porsche	912	WW-F (+15)
Porsche	924	WW-F (+15)
Porsche	944	WW-F (+15)
Porsche	914-4	WW-F (+15)
Renault	Alliance 1.4L (60hp)	WW-F (-20)

Make	Model	Class
Renault	Alliance 1.7L (85hp)	WW-F (-13)
Renault	Alliance 2.0L GTA (95hp)	WW-F (-5)
Saab	900 Turbo SPG ('85-'89)	WW-F (+15)
Saab	900 Turbo SPG ('90-'91)	WW-F (+15)
Saturn	Ion	WW-F (-5)
Saturn	Ion Redline	WW-F (+15)
Saturn	Sky	WW-F (+15)
Saturn	S-Series (DOHC)	WW-F
Saturn	S-Series (SOHC)	WW-F (-13)
Scion	tC	WW-F
Scion	xA	WW-F (-13)
Scion	xB	WW-F (-13)
Subaru	Impreza 1.8L (AWD)	WW-F (-5)
Subaru	Impreza 1.8L (FWD)	WW-F (-5)
Subaru	Impreza 2.2L AWD	WW-F (+15)
Subaru	Legacy ('00-'05) AWD	WW-F (+15)
Subaru	Legacy ('90-'94)(AWD)	WW-F
Subaru	Legacy ('95-'99) AWD	WW-F (+7)
Subaru	Legacy Turbo AWD ('91-'94)	WW-F (+7)
Subaru	Outback 3.0 (211 hp)(AWD)	WW-F (+15)
Subaru	XT	WW-F (-13)
Subaru	XT6 (AWD)	WW-F (+7)
Toyota	Camry 2.4L	WW-F (-13)
Toyota	Camry 3.0L (V6)	WW-F (+7)
Toyota	Camry 3.3L (V6)	WW-F (+7)
Toyota	Celica GT ('00-'05)	WW-F (+15)
Toyota	Celica GT ('77-'82)	WW-F (-5)
Toyota	Celica GT ('83-'86)	WW-F (-13)
Toyota	Celica GT ('87-'89)	WW-F (-5)
Toyota	Celica GT ('90-'99)	WW-F
Toyota	Celica GT-S ('83-'85)	WW-F (-20)
Toyota	Celica GT-S ('86-'93)	WW-F
Toyota	Celica Supra (1st gen)	WW-F (+15)
Toyota	Corolla	WW-F
Toyota	Corolla FX-16 GT-S	WW-F
Toyota	Corolla SR5 ('79-'83)(3TC)	WW-F (-20)
Toyota	Corolla XRS	WW-F (+15)
Toyota	Echo	WW-F (+15)
Toyota	Matrix	WW-F (-13)
Toyota	Matrix XRS (180 hp)	WW-F (+7)
Toyota	MR2 (1st Gen NA)	WW-F (+7)
Toyota	MR2 2.2L DOHC	WW-F (+7)
Toyota	MR2 SC	WW-F (+15)
Toyota	Paseo	WW-F (-5)
Toyota	Prius	WW-F (-40)
Toyota	Solara (V6)	WW-F (+7)
Toyota	Supra NA ('88-'92)	WW-F (+15)
Toyota	Tercel ('88-'90) (78hp)	WW-F (-20)
Toyota	Yaris	WW-F (-5)
Triumph	GT6 MK I	WW-F (+15)
Triumph	Spitfire MK 2 (75hp, 1147cc)	WW-F (+7)

Make	Model	Class
Volvo	242 GLT	WW-F
Volvo	C70 T5	WW-F (+15)
Volvo	S40 1.9 L ('00-'04)	WW-F (+15)
Volvo	S40 2.4L ('04-'06)	WW-F
Volvo	S40 T5	WW-F (+15)
Volvo	S60 2.4L	WW-F
Volvo	S60 2.5L Turbo (FWD)	WW-F (+15)
VW	Beetle 1.8L turbo (150hp)	WW-F
VW	Beetle Turbo S	WW-F (+7)
VW	Corrado 1.8L DOHC, 2.0L DOHC	WW-F (+15)
VW	Corrado 2.0L SOHC	WW-F (-5)
VW	Corrado G60 1.8L S/C	WW-F (+15)
VW	Corrado VR6	WW-F (+15)
VW	Golf 1.1L, 1.3L, 1.4L	WW-F (-25)
VW	Golf 1.5L, 1.6L, 1.8L	WW-F (-13)
VW	Golf 1.8L DOHC, 2.0L DOHC	WW-F
VW	Golf 2.0L, 1.4L & 1.6L DOHC	WW-F (-13)
VW	Golf 2.5L V5	WW-F (+7)
VW	Golf 2.8L V6	WW-F (+7)
VW	GTI 1.8L 8v ('85-'92)	WW-F (-13)
VW	GTI 1.8L DOHC	WW-F (+7)
VW	GTI 1.8L turbo (150 hp)	WW-F
VW	GTI 1.8L turbo (180hp)	WW-F (+7)
VW	GTI 2.0L 8v ('95-'98)	WW-F (-13)
VW	GTI 2.0L 8v ('99-'00)	WW-F (-25)
VW	GTI 2.0L DOHC	WW-F (+7)
VW	GTI 2.0L Turbo ('06+)(200hp)	WW-F (+15)
VW	GTI 2.8L V6 (174hp)	WW-F
VW	GTI 2.8L V6 (200hp)	WW-F (+15)
VW	GTI 337 (turbo)	WW-F (+15)
VW	Jetta 1.6L, 2.0L SOHC	WW-F (-40)
VW	Jetta 1.8L DOHC	WW-F (+7)
VW	Jetta 1.8L turbo GLI	WW-F
VW	Jetta 2.0L turbo, 2.8L VR6	WW-F (+7)
VW	Jetta 2.5L I5	WW-F (-20)
VW	Jetta VR6 SOHC	WW-F (-5)
VW	New Beetle 2.0L SOHC	WW-F (-25)
VW	New Beetle 2.5L I5 DOHC	WW-F (-5)
VW	Passat 2.0L turbo	WW-F (+7)
VW	Passat 2.8L	WW-F (+7)
VW	Rabbit 1.5L (62hp)	WW-F (-25)
VW	Rabbit 1.6L (54hp)	WW-F (-25)
VW	Rabbit 1.7L (74hp)	WW-F (-25)
VW	Rabbit GTI 1.8L (90hp)	WW-F (-13)
VW	Scirocco 1.3L	WW-F (-25)
VW	Scirocco 1.5L (70hp)	WW-F (-25)
VW	Scirocco 1.5L,1.6L,1.8L SOHC	WW-F (-13)
VW	Scirocco 1.6L (75-78hp)	WW-F (-25)
VW	Scirocco 1.7L (74hp)	WW-F (-25)
VW	Scirocco 1.8L DOHC	WW-F (+7)

4.2) OEM Definition, Updating and Backdating Rules

For the purposes of Winged Warrior points assessments, the term OEM will be defined as follows: Any part that is identical in size, shape, and functional characteristics compared to the part that originally came on the vehicle, from the manufacturer, as a standard feature of the base model as it is listed in section 4.1 Base Classifications (factory options and specialty model parts are considered non-OEM) or is listed as a standard replacement part by the OEM manufacturer. Some parts that are produced by aftermarket manufacturers as generic replacement parts may not require a points assessment provided that: they are the same size and shape, and have the same functional characteristics as the OEM part, and that they provide no significant improvement in performance, longevity, or reliability. Consultation with the Winged Warrior Rules Committee prior to competition is advised for any driver using a vehicle with replacement parts that fall under this exception.

All factory optional parts and upgrades must be assessed points, unless they legally fall under the update/backdate rule. Base classifications are for the standard base model of a vehicle, without factory options or upgrades, unless there is a specific base classification listing in section 4.1 for a non-base model.

Updating and backdating of parts between different model years of the same vehicle model is legal provided that the competing vehicle is in the same or higher base class than the donor vehicle, and that the entire assembly is replaced. No interchange of parts between assemblies is permitted in order to create a new assembly. Updating or backdating (without a point's assessment) with specialty models or between two cars that have model names with different numbers or letters in them is prohibited, unless specifically approved by the Winged Warrior Rules Committee. The purpose of this rule is to equalize similar cars in the same class, not to allow the creation of vehicles that were never manufactured.

4.2.1) Special Circumstances

In the event that a "large part swap" has occurred between the competing vehicle and a donor vehicle of the same model type in a higher base class, and the swap has resulted in a very large points' assessment that would place the competing vehicle at a higher classification level than the donor vehicle, the competing vehicle may jump base classifications up to the donor car's base class, and not take the points' assessment for any parts identical to the donor car. However, if there are any parts on the competing vehicle that are not on the donor car that could be considered a performance advantage, and they do not meet the requirements of the updating/backdating rule, then those parts must either be assessed points or replaced with the part from the donor vehicle.

Additionally, the Winged Warrior Rules Committee must individually evaluate this type of base class jump for any other potential differences (besides parts) between the two cars, such as horsepower, weight and suspension to ensure that no additional points' assessments are necessary.

4.3) Up-Classing System

Modifications and Points Assessments:

If your car accrues 20 or more points you will be bumped up in Class. There is no limit - a car with a high level of modifications might move up several Classes.

20 thru 39 points - Up ONE Class

40 thru 59 points - Up TWO Classes

60 thru 79 points - Up THREE Classes

80 thru 99 points - Up FOUR Classes

100 and up - Up FIVE Classes

TIRES (See Tire Rules Section 4.3.1):

1) 60-139 UTQG = Street R compound (unless OEM equipped) +15

0-59 UTQG rated tires not allowed. 140 UTQG and above allowed, no points assessment.

(See section 4.3.1 for further tire rules)

2) Tire width (from the drive axle) increased from OEM by >21mm +1, >31mm +2, >41mm +3, etc...no maximum.

If OEM tire width is unknown or cannot be verified, the Winged Warrior Rules Committee will assign points. The number printed on the tire sidewall by the manufacturer determines tire width. If a tire does not have a manufacturer's printed number on the sidewall, then actual tread width measurement will be used (in mm).

WEIGHT REDUCTION:

1) Non-OEM driver seat +1

2) Non-OEM passenger seat +1

3) Aftermarket lightweight hood (or gutting) +1

4) Lightweight front fenders (composite or gutting) +1 (for both)

5) Lightweight body panels/quarter panels (composite or gutting) +2 (for both)

6) Removal of convertible top/frame +1

7) Heater core and/or heater blower/fan removal +1

(No points for air conditioning and condenser removal only)

8) Power steering removal +1

ENGINE/DRIVETRAIN:

1) Engine swap: All engine swaps must be evaluated for new base classification by the Winged Warrior Rules Committee on an individual basis, unless a base class for the particular swap is listed above in 4.1 Base Classifications.

2) Increased displacement (no points if within factory first overbore) by: <5.5% +4, 5.5% to 7% +6, >7% to 10% +8, >10% to 15% +10, >15% to 20% +15, >20% +20.

Formula to calculate increased displacement % = current disp. Divided by OEM disp., minus 1, x 100 = %

Ex: 407ci/351ci = 1.16, minus 1 = .16, x 100 = 16% (+15 pts)

3) Non-OEM camshaft(s) and/or cam gears +4

4) Valve size change, modified or non-OEM head (other than shaving the head to factory specs for standard rebuild) +4

5) Any modifications that result in increased engine compression (including shaving the head or decking the block) +8

6) Engine balancing +3

- 7) De-stroked engine +4
- 8) Replacement pulleys (other than for supercharger) +1
- 9) Port modification for rotary engine (includes only the porting—does not include necessary points for other mods for fuel, air intake, or exhaust): 12A engine: +20 ; 13B engine: +30
- 10) Added dry sump oil system +7
- 11) Reprogrammable ECU chip, reflashable computer, or aftermarket computer system that can directly control engine timing maps and/or fuel injector pulse, allowing fine tuning:
 - A) At the track +6 naturally aspirated, +11 turbo/supercharged
 - B) Elsewhere +5 N.A., +8 turbo/ S.C. (Do not also take points for performance chip/reflash)
- 12) Performance chip or single generic ECU non-reprogrammable reflash—nat. aspirated +2
- 13) Performance chip or single generic ECU non-reprogrammable reflash—turbo or supercharged engine +4
- 14) Programmable fuel systems without control of engine timing (such as SAFC, VAFC)—naturally aspirated +2, turbo/supercharged +3 (also take points for chip if nec.)
- 15) Non-OEM sensors or alteration of sensor inputs (such as non-programmable MAF or MAP voltage “clamps”)—naturally aspirated +1, turbo/supercharged +2
- 16) Modification of the OEM air box, air filter location, air piping to the turbo/supercharger/ throttle body/carburetor +1 (air filter upgrade alone—0 pts.)
- 17) Non-OEM turbo or supercharger (all OEM naturally aspirated vehicles that have been upgraded to forced induction) +20
- 18) Upgraded or modified turbo/supercharger for OEM turbo/supercharged engine +7 (does not include wastegate actuator, boost controller.)
- 19) Replacement pulley for supercharger +5
- 20) Aftermarket boost controller with on-track driver control +4
- 21) Aftermarket boost controller without driver control +3
- 22) Aftermarket or modified wastegate actuator or wastegate +2
- 23) Add aftermarket intercooler +3
- 24) Non-OEM or modified intercooler +2
- 25) Non-OEM Intercooler sprayer +1
- 26) Non-OEM or modified/ported throttle body +1
- 27) Non-OEM or modified/ported intake manifold: 4 cyl. +1, 6cyl.+2, 8 cyl. +3, 12A &13B rotary +2, all other rotary +3
- 28) Non-OEM or modified carburetor, fuel rail, fuel injectors, fuel pump, and/or fuel pressure regulator +2 (no points for fuel pump alone if using OEM fuel and timing maps)
- 29) Water injection system +6 (A mixture is permitted. However, the Winged Warrior Rules Committee must be notified of the nature of mixture so it may be determined safe, and the car must be properly marked in tech inspection)
- 30) Nitrous oxide only legal in the drag race portion. Bottle must removed for other events. +20
- 31) Aftermarket or custom header +2
- 32) Modification or porting of the exhaust manifold +1
- 33) Non-OEM or modified complete exhaust system downstream from the header, exhaust manifold, or turbo. (does not include catalytic converter removal/upgrade) +2

(Note: replacement of a failing OEM exhaust system with a similar new system with the same size diameter, length, and positioning of the piping, and similar size and number of resonators and/or mufflers is not assessed any points)

34) Non-OEM or modified exhaust piping, resonators, or mufflers downstream from the OEM catalytic converter(s) location(s) (“catback” or mufflers only) +1

35) Removal, upgrade, or modification of catalytic converter(s). +1

36) Lightweight flywheel +2

37) Replacement clutch assembly other than OEM spec +2

38) Ring and pinion change (final drive ratio change) +2

39) Upgrade number of gears in transmission, or altered gear ratios (including transmission swap) +3

40) Added limited slip differential +3 (each LSD)

41) Changed or modified limited slip differential +1

SUSPENSION/BRAKES/CHASSIS:

1) Any monotube, gas-charged shocks with aluminum body construction, removable body caps, a replacement shaft, or adjustment of any nature (preload or bleed) through the shaft; or, any shocks with an external reservoir or more than two ranges of adjustment. +12 (springs and perches are open—0 pts.)

2) Non-OEM adjustable shocks/struts with threaded strut body “coilover conversion” for spring perch height adjustment +7 (springs and perches are open—0 pts.)

3) Non-OEM, non-adjustable shocks/struts with threaded strut body “coilover conversion” for spring perch height adjustment +5 (springs and perches are open—0 pts.)

4) Conversion of torsion bar/leaf spring suspension to coil spring and strut/shock suspension +7

5) Threaded adjustable spring perches +3 (springs are open—0 pts.)

6) Non-OEM or modified coil springs, leaf springs, or torsion bars +2

7) Non-OEM adjustable shocks/struts +4

8) Non-OEM, non-adjustable shocks/struts +2

9) Add, replace, remove, or modify anti-roll bars (“sway” bars—front, rear, or both—may have spherical joints and polyurethane bushings on the end links) +2

10) Add, replace, or modify camber plates or bolts, shims, steering knuckles, or struts for simple camber adjustment only (ex. Slotting of single knuckle or strut bolt hole)(retail available camber plates may allow slight caster adjustment that remains within factory specs) +2

11) Replace or modify control arms for simple camber adjustment only (ex. Drill and tap) +4

12) Relocation of rear or front suspension mounting points +6 (each)

13) Changing the mounting orientation/design of the OEM shock and/or spring perch (example: inverting them) +1

14) Using the alternate control arm mounting location on cars equipped OEM with multiple choices (example: to increase track width) +6

15) Changing the orientation or design of an OEM mounting point or pick-up point of a control arm for a panhard bar or trailing arms +1

16) Replaced or modified K-members that change the location of the lower control arms +8

17) Tubular K-members that do not change the location of the lower control arms +2

18) Bump steer kits or shimming of the steering rack +2

- 19) Add panhard rod or Watt's link (regardless of whether the Watt's link replaces an OEM panhard rod or not) +4
- 20) Replace OEM panhard rod +2
- 21) Add torque arm +4
- 22) Non-OEM axles, control arms, brake rotors/hats, wheel spacers, hubs, and/or wheel offset that results in greater than a 2 inch increase in track width from the stock width as measured from the inner wheel rim lip +4
- 23) Non-OEM rear trailing arms (for stiffness only, no change in suspension mount or pick-up points from stock) +1
- 24) Non-OEM control arms (for stiffness only, no change in suspension mount or pick-up points from stock) +1
- 25) Upgraded brake rotors (includes slotted, dimpled, cross-drilled, and cryo-treated rotors) +1
- 26) Upgraded brake calipers +1
- 27) Non-metallic replacement suspension bushings (except for sway bar end links already assessed points in 9) above) +1
- 28) Metallic or mixed metallic and non-metallic replacement suspension bushings (except for sway bar end links and pillow ball camber plate joints already assessed points in 9) and/or 10) above) +3
- 29) Add front strut tower bar +1
- 30) Add rear strut tower bar +1
- 31) Add or modify other chassis stiffening devices, fabricated parts, or seam welding +2
- 32) Relocated battery +1

ROLL BARS/CAGES:

A 4-point roll bar or basic 6-point roll may be added without a modification point's assessment. The following points will be assessed for roll bars and cages that surpass the "basic" cage design:

- 1) Incorporated rear strut tower bar +1
- 2) Other transverse horizontal bars (floor, dashboard, front strut towers, etc) +1 for each
- 3) Front bars that penetrate the firewall +1 for each bar
- 4) More than 6 attachment points to the body/chassis (4 attachment points for roll bars)—other than bars that have been assessed for penetrating the firewall) +1 for each

NO-POINTS MODIFICATIONS:

- 1) Rolled fender lips
- 2) Flared fenders (if no weight reduction from OEM fenders)
- 3) Wheels, wheel studs, wheel bearings replacement/upgrade
- 4) Air filter upgrade
- 5) Radiator upgrade
- 6) Starter motor replacement
- 7) Oil systems and coolers other than added dry sump
- 8) Motor mounts and inserts replacement/upgrade or modification
- 9) Engine rebuild with head shave and first factory overbore to factory specs—pistons must be as similar to OEM as possible
- 10) Spark plug wires, plugs, coil, ignition replacement/upgrade
- 11) Turbo blow-off valve upgrade or addition
- 12) Removal of the engine balance shaft and/or balance shaft drive mechanism

- 13) Fuel: must be 100% petroleum based gasoline—all octane levels of retail available race gas are permitted. No “home brewed” methanol/ethanol/alcohol mixtures are permitted. No propane injection systems allowed.
- 14) AC and condenser removal
- 15) Battery replacement/lightweight battery/dry cell
- 16) Alternator replacement
- 17) Brake duct addition or modification
- 18) Air bag removal
- 19) Steering wheel replacement
- 20) Mirror addition or replacement
- 21) Gear shifters and shift knob replacement/upgrade
- 22) Seat harnesses (must pass safety inspection)
- 23) Jack and spare tire removal
- 24) Floor mat removal (required)
- 25) Sun/Moonroof removal and cover roof hole.
- 26) Aftermarket body kits, wings
- 27) Non-OEM brake pads
- 28) Any other non performance modification

4.3.1) Winged Warrior Tire Rules

- 1) Any tire that is OEM installed is legal for that specific make and model.
 - 2) All tires must be DOT legal for street use, and must be available commercially to the general public, through retail outlets.
 - 3) All tires must not be worn or purposely ground or shaved beyond the manufacturer's minimum tread depth as indicated by the tread wear indicators.
 - 4) All tires must reasonably fit within the fenderwell. Rolling of fenders is allowed to accommodate a wider tire than OEM. See Up-Classing System for tire width assessments.
 - 5) All tires must be in good condition and have no indications of separation of sidewall, or other visual defects.
 - 6) All competitors will be required to use the same tires throughout all phases of competition. No tire changing or tire rotation between events. In the event of tire failure or damage, competitors may replace the damaged tire and or wheel with a matching unit if available.
 - 7) Tire composition and UTQG treadwear rating will be used as a general guide to determine compliance within the Winged Warrior Rules. The following UTQG treadwear scale will be used:
 - <60 UTQG = (Not Allowed)
 - 60-139 UTQG = (+15 points assessment, unless OEM equipped)
 - >140 UTQG = (No points assessment)
- The Winged Warrior Rules Committee will ultimately determine which tires will be allowed in the competition. If you have a question about a specific tire, please contact the Rules Chairman or a member of the Rules Committee.

5) Flow of the Event, General Event Rules

The Winged Warrior Performance Challenge will have 3 stages or events: Autocross, Drags, and Racer Car Show. Since we will have the maximum amount of cars to run in a limited amount of time, adjustments must be made to vehicles in a timely manner. Adjustments to cars between events are allowed. Adjustments may only be made to parts that are designed to be adjusted quickly (adjustable wings, struts, tire air pressure, sway bars, etc.). Parts may NOT be added or removed to cars between events with the exception of Nitrous tank removal for autocross. While adjustments are allowed during the event, if you are still making adjustments to your car when your number is called and cause a delay in the flow of the event, then you will lose that opportunity to run. Furthermore, if a vehicle experiences a breakdown and cannot be fixed before the end of the run group, any runs missed will be scored as DNF's (Did Not Finish). If the broken down vehicle is fixed before the end of the assigned run group, the missed runs will be scored as DNF's, but any remaining runs may be taken. If only one or no runs have been successfully made and the vehicle is fixed before the end of the assigned run group, then one run will be granted.

5.1) Autocross

Defined: An automotive competition in which one car at a time negotiates a prescribed course, with finishing position based on the time required to complete the course plus any penalties incurred. It is generally held on a paved, flat surface, wherein the course typically consists of straight sections and connecting turns or corners, generally resembling a miniaturized road course. The course layout should be such as to emphasize car handling, driver skill, and maneuverability rather than performance. The course is generally well enough defined so that memory is not required to remain on course. Competition licenses are not required, and hazards to spectators, participants, and property do not exceed those encountered in normal, legal highway driving. Passengers are allowed. However, a driver CANNOT be a passenger BEFORE he has taken his first run.

Reruns: Reruns will be granted only for timing failure, red flag or object on the course, and will not be given because of mechanical or other failure of the competitor's car. Pylon penalties are not carried over to the rerun. A DNF on a run for which a rerun would have been given shall stand and no reruns shall be given. A competitor encountering a downed or displaced pylon on course has the option of continuing the run or stopping as soon as possible and pointing out the downed or displaced pylon to a course worker. If the competitor stops, he or she must proceed directly and slowly off course and will then be granted a rerun. However, if the competitor completes the run, the time will stand.

DNF's: A "DNF" shall be charged for any uncorrected deviation from the course, or for unnecessarily delaying the event. A course deviation shall not be charged if any part of the car hits a marker defining the limits of the course. A DNF is charged only if part of the course is omitted. In returning to the course after an off-course excursion, it is acceptable to drive a part of the course a second time. A Mechanical Did Not Finish (MDNF) will be charged to any competitor who completes their run with the physical assistance of another or leaves the driver's seat. This may be shown in the official results as a DNF.

Cone Penalties: Cones (or pylons) will be used to outline the course. These will be outlined on the ground with a box (usually with chalk). If a cone is knocked over and lies either in or out of the box, a 2 second penalty is given. If a cone is hit, not knocked over, but outside of the box, a 2 second penalty is given. If a cone is hit, not knocked over, and still inside or touching ANY part of the box, no penalty is given. Pointer cones are merely guides, and no penalty is given for displacing a pointer cone.

5.2) Drags

The drag racing portion will be heads up quarter mile with E/T (elapsed time) being scored.

The following are ORP requirements for street legal vehicles, which the Winged Warrior Performance challenge will follow:

1. The vehicle must be STREET LEGAL, which means registered, insured, and drivable on the street.
2. Seat belts must be properly mounted and worn at all times.
3. All windows must be present and in good shape and rolled up fully when racing. (no cracks)
4. All automatic transmissions must have operational neutral safety switches.
5. Door handles operational inside & out.
6. Battery cannot be in driver's compartment and the battery must have 3/8 bolts to hold it in place.
7. Batteries that are relocated in the trunk must have external cut off switch to the rear of the vehicle labeled "CUT OFF."
8. Radiator must have proper overflow catch tank.
9. Carburetor must be covered: Hoods are required to stay on!
10. Carburetor must have "two" return springs installed.
11. Convertibles must run with top up.
12. All vehicles must have at least one working taillight.
13. All hubcaps and trim rings must be removed.
14. NO PASSENGERS ARE PERMITTED!

5.3) Racing Car Show

The third scoring event will be the Racer's Car Show. This will be time for the participants to relax and take a break, as well as show off the appearance of their vehicle while giving the crowd a special up close look at what they see competing. This event will be scored by a panel of judges, who will grade each participating vehicle on the following criteria:

Element 1: General outward appearance

Element 2: Interior appearance

Element 3: Underhood appearance

Element 4: Chassis/undercar appearance

The following note will be given to the judges: These cars are to be looked as they are in competition. No demerits are to be made for accumulative event related dirt or damage. Scoring in each element is to be done by deducting points from a perfect rating.

6) Scoring Rules

-Scoring will be done individually throughout the 3 events: Autocross (best single time), Drags (best single E/T), Racer's Car Show (scored by judges).

-The Autocross portion and Drag portion are both 40% of the total score. The remaining 20% will be the Racer's Car Show.

-Points will be awarded class by class, to determine the best in each class. The Autocross and Drags will be scored as follows: 80 points for first, 78 for second, 76 for third, decreasing by 2 points for every place. The Racer's Car Show will be scored as follows: 40 points for first, 39 for second, 38 for third, decreasing by 1 point for every place. The highest possible individual score would be 200 points.

-Each class will produce its own champion (A,B,C,D,E,F), and all scores will count toward the team's (Import or Domestic) overall score. This ensures that the winner of class F could contribute just as much to their team score as the winner of class A.

-The team (Import or Domestic) with the highest points total at the end of the event will be declared the winning team of the Winged Warrior Performance Challenge.

7) Car Appearance

A) Numbers and Class Designation

All Winged Warrior competing cars once selected will be assigned a number to attach on both sides of the car (windows or body panels) for timing and scoring identification.

Numbers and class designations will be vinyl stickers, and will be required to be displayed on the side of the vehicle (window or side panel). Class designations will also be made on the sides of the vehicle, preferably right next to the assigned number. For example, the WW-A Group competitors would display "A" as a class designation, and their assigned number next to that: 1A, 2A, 3A, etc. Numbers and any required display packages will be provided to each competitor.

B) General Car Appearance

All vehicles must be in good condition and appearance. Must have all exterior lights, bumpers, hoods, trunks, etc. attached to the vehicle. Vehicles with excessive body damage, primed body panels, etc., are not permitted. Also, all aftermarket body parts must be securely fastened. Full interior must be intact (OEM or aftermarket finished), no interior "gutting" allowed. If a rear seat or panel is removed, we ask that the exposed bare metal left from the seat or panel removal be covered with a finishing material (i.e. carpet, cloth, plastic, wood, or any other like material) that is secured. Non-compliance with this rule will result in heavy penalties in the racer car show portion of the challenge.

8) Safety and Tech Inspection

All cars must meet the safety and car preparation standards, which include, but are not limited to the following: secure battery, tight lugnuts, throttle spring return (where applicable), empty trunk, no loose items in the passenger compartment (including floor mats), good brake response, good steering response, fluid levels appear normal, no oil or fluid leaks.

All competing vehicles must pass a safety tech inspection by the Winged Warrior Staff the morning of the event, or by pre-determined appointment. If a car does not go through

the tech inspection at the allotted time, it will not be allowed to compete. A tech inspection sticker will be placed on the windshield and helmet.