2023 TECH INSPECTION WORKSHEET

This worksheet is not the official tech sheet. It is only to be used in conjunction with the ChampCar 2023 BCCR to assist teams with filling out the online tech form. The BCCR is the final word for points.

Race Track:	Car Number:	**Engine Size:**
Team Name:		**Car Class: A B C D EC F**
Team Captain or Entrant:	Cell Phone Number at Track:	
Car Year / Make / Model / Color:		Date of Inspection:
Notes:		

(1+2+3) Total Comp Value	(3) VPI	(2) Swap Value	(1) Value-Add

Technical Inspection per BCCR

Tech Items:

- o Leaks - Coolant / Oil / Fuel
- o Roll Cage Design, Welds, & SFI Padding
- o Racing Seat - Secure, Back stay if required
- o Seatbelt Harness - brackets rotate / Date _____
- o Window Nets & Secure Attachment / Date _____

- o Arm Restraints for open top cars
- o Steering Wheel Lock Removed or Disabled
- o Fire Extinguisher System / Date _____
- o Kill Switch - turn on all lights, apply brakes when testing
- o Fuel, Oil, Coolant Line(s)
- o Battery Box, Installation, and Isolation
- o Fuel Tank or Fuel Cell / Capacity _____
- o Bumper/Bash Bar Mounted Securely to the Frame Rails
- o Glass and/or Lights Removed
- o Window Attachment Hardware
- o Window Support Straps
- o Sunroofs, T-Tops, Convertibles
- o Body Panel Attachments
- o Transponder & Mount
- o Exhaust System, Hangers, & Termination
- o Two (2) Rear Running Lights (Red)
- o Two (2) Brake Lights (Red)
- o Two (2) Headlights in working order
- o Center Mounted Rain Light mounted per BCCR (Red)
- o Bulkheads & Firewalls sealed

BCCR Items:

- o DOT / 180 Treadwear or Higher Tires
- o Aero Devices per BCCR
- o Minimum 60% Original Bodywork
- o Max. 96 DbA Noise Limit (May be less - See Event Supps)
- o Fuel Capacity +/- 2 Gallon / Stock
- o Fuel Surge Tank - 2-liters maximum capacity
- o 2x Official Sponsor Panels
- o 2x Official ChampCar Number Panels
- o 1x Official TireRack Windshield Banner
- o 2x Class Letters on Side and 1x Rear Number
- o Approved Font / Size Numbers / Black Numbers
- o Rear View Mirror
- o Rear View Mirror required with Rear View Camera System
- o No externally mounted cameras

Day & Night Racing

- o Minimum 2 Brake and 2 Tail Lights
- o Maximum 4 Headlights
- o Night Racing - Bulbs/LED to Rules
- o Center Mounted Rain Light (Optional)
- o Accessory Lighting per BCCR

NOTES:

Total Comp Value Inspection (per BCCR 4.3.2.)	Item Value Add	Sub-Total
ABS, Non-OE, from a vehicle on VPI List	25 Points	
Aero - Aero Pan / Air Dam / Diffuser / Side Skirts / Splitter / Spoiler / Wing	10 Points per device	
Additional aero components based on Square Footage SQ-Feet: Material Type:	Points	
Alternator, non-OE and not from VPI list	10 Points	
Automatic Transmission - Subtract - see BCCR 4.3.2. for limitations	-75 Points	
Brake Caliper - 5-pistons or more	5 Points - each	
Camber Adjuster Aftermarket (pair)	20 pts front, 20 pts rear	
Camber Adjuster Homemade (pair)	5 pts front, 5 pts rear	
Camber Adjuster Stock components re-drilled/slotted for adjustment	0 Points	
Camshaft - non-OE or reground or reprofiled OE camshaft (includes springs,lifters,pushrods)	Per Engine 50 Points	
Carburetor: 25 points; Throttle Body: 25 points; Intake Manifold: 25 points each	25 Points each	
Clutch, Multiple Disk system	50 Points	
CVs / axles, non-OE (pair)	25 Points	
Cylinder head(s), non-OE and/or non-matching to your specific engine claimed	100 Points per engine	
Differential cover, non-OE	5 Points	
Differential swap - See BCCR 4.3.2 for more information	25 Points	
Distributor, non-OE, or non-OE ignition system	20 Points	
Driveshaft, non-OE - per single driveshaft	10 Points	
Dry-sump assembly	100 Points	
Exhaust header(s)	25 Points per engine	
Fiberglass/Composite Hood-Bonnet	25 Points per engine	
Heim Joints	5 Points each	
Hub - non-OE	2.5 Points each	
Ignition Coil(s) - non-OE	10 Points	
Mounts - non-OE, Per Engine 10 pts Per Transmission 10 pts	10 Points Each	
Offset Bushings per corner	5 Points per corner	
Oil Accumulator (e.g. – Accusump)	10 Points	
Oil cooler, non-OE (engine, transmission and/or differential)	20 Points each	
Oil pan, non-OE	20 Points	
Pulleys, engine accessory, non-OE		
Single Pulley	5 Points	
Multiple Pulleys	10 Points	
Shock absorbers / struts with damping/rebound adjustment, including remote reservoir	25 Points per corner	
Shock / strut-tower reinforcement bar (commercial or homemade)	10 Points each	
Springs, non-OE coil springs Per BCCR 4.3.2. See exemption.	5 Points per corner	
Spring Perch - adjustable height - including coilover style - includes spring Per BCCR 4.3.2.	10 Points per corner	
Suspension component (not otherwise listed in this table), non-OE	10 pts per corner per comp	
Sway-bar, non-OE, including end-links	20 Points per axle	
Transmission/Transaxle Swap from a vehicle on the VPI list, includes Adapters.	25 Points	
Tubular front sub-frame/K-member (bolt on only)	10 Points	
Turbochargers and superchargers, non-OE - see BCCR 4.3.2. for included parts	100 Points	
Turbocharger and supercharger intercoolers, non-OE	25 Points	
Valve Springs, non-OE - per engine	10 Points	
Valve Train, non-OE	50 Points per engine	
Materials per square foot - Interior bulkheads	0 Points	
Materials per square foot - Plywood	1 Point per Sq. Ft.	
Materials per square foot - Sheet aluminum/steel	2 Point per Sq. Ft.	
Materials per square foot - Sheet plastic/polycarbonate/Fiberglass	3 Point per Sq. Ft.	
Misc.	Points	
Misc.	Points	
Misc.	Points	
Misc.	Points	
Misc.	Points	
Misc.	Points	
	Value Add Total (1)	