



# LOUISVILLE SAE MIDNIGHT MAYHEM

Team: \_\_\_\_\_

September 25, 2010

## TECHNICAL INSPECTION CHECKLIST

RULE		TEAM	INSPECTOR	FAILED (REASON)	RECHECK
<b>Past Technical Inspection Stickers</b>					
1	<b>CAR HAS 2006 OR NEWER PASSED TECHNICAL INSPECTION ON IT</b>				
1a	If no sticker, <b>MUST</b> show documentation that car competed in a specified year				
<b>Engine</b>					
2	Engine will be governed at 4200 RPM unloaded				
2a	Please have CVT removed when pulling into tech tent				
<b>Guarding</b>					
3	Guards <b>MUST</b> comply to BAJA SAE rules				
3a	ALL belts, chains, sprockets, etc. <b>MUST</b> be guarded to prevent possible injury				
<b>Driver Safety Equipment</b>					
4	BAJA SAE SAFETY GEAR COMPLIANCE				
4a	Four (4) point harness system [2 lap & 2 over shoulder] minimum				
4b	Snell Approved Full Faced Helmet				
4c	Goggles with Tear Offs or Rolloffs				
4d	Neck Support Collars SFI 3.3 [NO HORSESHOE COLLARS]				
4e	Wrist Restraints [Official Manufactured, SFI 3.3]				
4f	Drivers must wear long pants, shoes, gloves, and long sleeved upper garment				
<b>Fire Extinguishers</b>					
5	<b>MUST</b> have two (2) BAJA SAE compliant fire extinguishers				
5a	Minimum UL 5-B-C rating				
5b	One (1) mounted in cockpit below driver's head and accessible by track workers				
5c	One (1) with pit crew in hot pit area				
5d	Have fire extinguishers labeled school name and car #				
<b>Kill Switches</b>					
6	<b>MUST</b> have two (2) functioning BAJA SAE compliant kill switches				
6a	One (1) in cockpit within easy reach of a restrained driver				
6b	One (1) located on driver's right side of the vehicle, on a panel behind firewall				
<b>Fasteners (just a brief shakedown)</b>					
7	<b>ALL</b> fasteners <b>MUST</b> comply to BAJA SAE rules (QUICK CHECK)				
7a	Suspension (all fasteners in place – NYLOCKED or safety wired, if needed)				
7b	Steering (all fasteners in place – NYLOCKED or safety wired, if needed)				
7c	Braking (all fasteners in place – NYLOCKED or safety wired, if needed)				
7d	Driver restraints (all fasteners in place – NYLOCKED or safety wired, if needed)				
7e	Drivetrain (all fasteners in place – NYLOCKED or safety wired, if needed)				
<b>Braking System</b>					
8	Brakes <b>MUST</b> comply to BAJA SAE rules				
8a	Test consisting of a 50 ft run that ends in gravel, all four (4) wheels <b>MUST</b> lock up				
8b	Vehicle <b>MUST</b> have a functioning brake light				

*The Louisville SAE Chapter intends to make this a fun and laid back event while also keeping it a safe on!!!!*