







Race Preparation Check List	  	  	Comments
Chassis, Suspension and Steering			
Clean off chassis and suspension components			
Clean underside of car			
Visually check for damage (cracks, twists and kinks) to all components			
Check bushes and rod ends for wear			
Check dampers for leakage and signs of wear			
Check wheel bearings for extensive play and noise			
Check wheel bearing nuts for signs of movement			
Check tightness of pivot bolts, rod end and lock nuts, uprights, steering rack mounts, UJ bolts and dampers			
Check condition of floor			
Brake System			
Remove brake pads (note original position). Check for stones. Clean off "excess" edges, inner & outer.			
Visually check for leaks on callipers - pipes and master cylinders			
Check hydraulic fluid level			
Check brake lines for kinks and chafing			
Clean callipers and master cylinders			
Check brake pads for wear and general condition, replace if necessary			
Refit brake pads and new split pins if required			
Bleed hydraulic system			
Check operation of bias bar			
Check pedal travel			
Check tightness of callipers, master cylinders and banjo bolts			
Check centre lock securing bolt and check centre lock wheel nuts			

Transmission (Chain Drive)			
Check condition of drive chain and change if required			
Change sprocket gearing if required			
Check tension and alignment of chain and sprocket			
Check security of engine sprocket/nut/tab washer			
Check diff bearings			
Check security of driveshaft and boots			
Check condition of gear linkage rod ends and tightness			
Lubricate chain			
Check operation of clutch			
Fill chain luber if fitted and set up drip pipe			
Transmission (Gear Drive - SR3)			
Check security of bearings			
Check for gear noise			
Check for oil leaks and correct level			
Check drive coupling security			
Check for damaged drive pegs			
Check adjustment and operation of reverse gear cable			
Check for play in gear link fulcrum			
Engine			
Check tightness of engine mounts			
Check for sump damage			
Check valve clearances if required			
Oil System			
Visually check for oil leaks			
Change oil and filter if required			
<i>Check oil level - very important - be sure that chassis is level.</i>			
Check oil pressure			
Check radiator and duct for damage			
Check security of breather pipe			
Check oil pipes for damage and tightness			
Cooling System			

Visually check for leaks and chafing of pipes			
Check radiator and duct for damage			
Check system for air and bleed as required			
Check security of pipes, bleed screws and fittings			
Check coolant level			
Check condition and fit of radiator cap			
Check operation of fan			
Fuel System			
Visually check for leaks			
Fuel level - drain and re-fill			
Check for full throttle and cable freedom			
Check security of carbs and air box			
Check balance of carbs and adjust as necessary			
Check operation of fuel pump			
Check fuel drain is tight			
Check fuel filter and change if required			
Check air filter - clean and oil if required. Check rivets on inside of air box. Glue in.			
Check breather pipe			
Exhaust System			
Check for leakage			
Check manifold nuts for tightness			
Check condition of retaining springs, rubber mountings and brackets			
Check silencer and repack if necessary			
Air Jacks			
Check operation			
Check for leaks and damage			
Check security			
Electrical System			
Check condition and security of battery			
Check operation of dashboard including all warning lights			
Check loom and battery cables for security and chaffing			
Check security and condition of connectors and			

terminals			
Check condition of master switch			
Check condition of plug leads			
Check operation of timer			
Check operation of reverse gear			
Check all lights			
Check brake light switch (if pedal type)			
Check wheel speed sensor on dash and data logger			
Check lap timer operation and battery			
Check tightness of ignition pick ups and rotor			
Slow charge battery if signs of being low			
Data Logger			
Fasten lap timer/logger. Pick up on correct side for the track			
Check operation of all sensors			
Interior			
Check security of seat and harness			
Check condition of quick release steering wheel			
Check condition and security of fire extinguisher and contents level (service date)			
Check security of head rest			
Vacum interior and clean off			
Check security of pedal stops, lock nuts and adjusters			
Check throttle cable route and free play			
Wheels and Tyres			
Clean and check for damage			
Check tyre condition and replace if necessary			
Refit, torque and adjust tyre pressure			
Tape balance weights on			
Bodywork			
Check bodywork for damage and replace parts as required			
Check condition of clips, adjust and replace as required			
Check front and rear mounting frames for damage			

Check security of side pods			
Check security of mirrors, windscreen, splitters, gurney flap and wing			
Check condition of all stickers and numbers and replace as required			
Check and clean rear undertray			
Camera			
Check operation of camera			
Clean camera lens			
Change or rewind tape as required			
SET UP			
Add drivers weight			
TP 20 PSI			
Remove roll bar bolts			
Slacken dampers			
Check Ride Height			
Check & Set Camber - front & rear			
Check & Set Toe-In - front & rear			
Check & Set Corner weights			
Refit Roll Bar			
Reset dampers			
Check minimum ride height			
Remove weight			
Signed:			