

**Event** \_\_\_\_\_ **Date** \_\_\_\_\_

*Before you start*

Is the car set up as required (setup sheet completed) \_\_\_\_\_

Are the correct gear ratios fitted \_\_\_\_\_  
 Final \_\_\_\_\_ 1<sup>st</sup> \_\_\_\_\_ 2<sup>nd</sup> \_\_\_\_\_ 3<sup>rd</sup> \_\_\_\_\_ 4th \_\_\_\_\_

*Front end*

*LH* *RH*

Nose mounts secure \_\_\_\_\_

*Front brakes*

*LH* *RH*

Brakes bled \_\_\_\_\_

Brake pads checked for wear and in place \_\_\_\_\_

Brake pad thickness \_\_\_\_\_

Brake pads R-clips in place \_\_\_\_\_

Brake disc checked for cracks and runout \_\_\_\_\_

Caliper mounting bolts tight and wired \_\_\_\_\_

Caliper bleed nipple tight and dry \_\_\_\_\_

Brake line checked for damage and secured \_\_\_\_\_

Hub bolts tight \_\_\_\_\_

*Front suspension*

*LH* *RH*

Roll bar mounts secure \_\_\_\_\_

Roll bar link bearing centred, jam nuts tight \_\_\_\_\_

Roll bar link bolts tight, roll bar end \_\_\_\_\_

Roll bar link bolts tight, bellcrank end \_\_\_\_\_

Roll bar set to position \_\_\_\_\_ from soft \_\_\_\_\_

Roll bar link rod ends checked for excessive play \_\_\_\_\_

Adjuster links secure, rod ends checked for play \_\_\_\_\_

Adjuster moving freely \_\_\_\_\_

Damper bellcrank mount secure \_\_\_\_\_

Damper frame mount secure \_\_\_\_\_

Damper freedom checked \_\_\_\_\_

Dampers adjusted \_\_\_\_\_ bump \_\_\_\_\_ rebound \_\_\_\_\_ can \_\_\_\_\_

Spring seat secure \_\_\_\_\_

Spring seat height (from can to backside) \_\_\_\_\_ mm \_\_\_\_\_

Lower wishbone bolts \_\_\_\_\_

Upper wishbone bolts \_\_\_\_\_

Lower wishbone jam nut \_\_\_\_\_

Upper wishbone jam nuts \_\_\_\_\_

Pushrod bolt, lower wishbone \_\_\_\_\_

Pushrod bolt, bellcrank \_\_\_\_\_

Pushrod rod ends \_\_\_\_\_

Pushrod jam nuts \_\_\_\_\_

Bellcrank to frame bolt \_\_\_\_\_

Upper balljoint checked for play \_\_\_\_\_

Upper balljoint bolt \_\_\_\_\_

Lower balljoint checked for play \_\_\_\_\_

Job list / Notes \_\_\_\_\_

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Lower balljoint retainer secure, wired \_\_\_\_\_  
 Lower balljoint bolt \_\_\_\_\_  
 Steering block to upright checked for cracks \_\_\_\_\_  
 Steering block to upright bolts \_\_\_\_\_  
 Steering block to track rod bolt \_\_\_\_\_  
 Steering rack to track rod bolt \_\_\_\_\_  
 Track rod jam nuts \_\_\_\_\_  
 Stub axle secure \_\_\_\_\_  
 Wheel studs tight \_\_\_\_\_  
 Wheel bearing seals checked \_\_\_\_\_  
 Upright checked for cracks \_\_\_\_\_

*Front wheels*

	<i>LH</i>	<i>RH</i>
Wheel cleaned	_____	_____
Race rubber mounted, pressure set	_____	_____
Wheel nuts torqued	_____	_____
Valve caps in place	_____	_____
Wheel spins freely	_____	_____
Wheel bearing checked for play	_____	_____

*Pedal box*

Master cylinder bolts tight \_\_\_\_\_  
 Master cylinders full, caps secure \_\_\_\_\_  
 Master cylinder rods free, nuts tight \_\_\_\_\_  
 Master cylinder lines secure and checked for damage \_\_\_\_\_  
 Pedal pivot bolts secure, mountings tight to floor \_\_\_\_\_  
 Throttle stop adjusted/secure \_\_\_\_\_  
 Bias bar adjusted and secure \_\_\_\_\_  
 Throttle cable secure \_\_\_\_\_  
 Throttle cable secured to chassis \_\_\_\_\_  
 Return spring checked \_\_\_\_\_  
 Dead pedal and clutch stop secure \_\_\_\_\_

*Steering*

Shaft to pinion bolt in groove, nuts tight \_\_\_\_\_  
 Rack adjustment checked/secure \_\_\_\_\_  
 Rack mounting bolts secure \_\_\_\_\_  
 Steering free, lock to lock \_\_\_\_\_  
 Rack checked for play \_\_\_\_\_

*Sidepods and Radiators*

Radiators cleaned \_\_\_\_\_  
 Radiators bled \_\_\_\_\_  
 Water pipes secure \_\_\_\_\_  
 Water pipe hose clips tight \_\_\_\_\_  
 Sidepods secure to frame \_\_\_\_\_  
 Sidepod top attached \_\_\_\_\_

*Cockpit*

Fire extinguisher charged, mounting tight \_\_\_\_\_  
 Fire extinguisher pin in place, pull free \_\_\_\_\_

Job list / Notes \_\_\_\_\_  
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Seat belt mountings secure \_\_\_\_\_  
Seat belts checked for wear \_\_\_\_\_  
Seat mountings secure \_\_\_\_\_  
Shift linkage checked \_\_\_\_\_  
Cockpit cleaned \_\_\_\_\_  
Wheel in place, centred and secured \_\_\_\_\_

*Data logging*

Power lines checked \_\_\_\_\_  
Box and connections secure \_\_\_\_\_  
Cable runs intact \_\_\_\_\_  
Steering pot centred and calibrated \_\_\_\_\_  
Throttle sensor and safety wire checked \_\_\_\_\_  
Speed sensor calibrated \_\_\_\_\_  
Speed sensor magnet in place \_\_\_\_\_  
Speed sensor jam nuts tight \_\_\_\_\_  
Speed sensor bracket secure and checked for cracks \_\_\_\_\_  
Junction box bracket checked \_\_\_\_\_  
IR receiver secure, on correct side of car \_\_\_\_\_  
Communications to PC working \_\_\_\_\_  
Display box secure \_\_\_\_\_

*Electrical and instruments*

Starter battery connector secure \_\_\_\_\_  
Battery fully charged \_\_\_\_\_ V \_\_\_\_\_  
Battery connections secure and taped \_\_\_\_\_  
Battery hold-down secure \_\_\_\_\_  
Switch/button connections secure \_\_\_\_\_  
Connections secure on coil, ignition LT wires checked \_\_\_\_\_  
Rev limiter set to \_\_\_\_\_ rpm \_\_\_\_\_  
Transponder and connections secure \_\_\_\_\_  
Oil pressure sensor mounting and connections secure \_\_\_\_\_  
Oil temperature sender in place and line secure \_\_\_\_\_  
Water temperature sender and line secure \_\_\_\_\_  
Engine earth strap secure on head and chassis \_\_\_\_\_  
Starter motor connection secure \_\_\_\_\_  
Starter motor alignment checked \_\_\_\_\_  
Tail light working, mounting secure, connections checked \_\_\_\_\_  
Video camera secure \_\_\_\_\_  
Camcorder batteries charged, tape in place \_\_\_\_\_  
LANC switch working \_\_\_\_\_

Job list / Notes \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Rear suspension

LH

RH

- Roll bar mounts secure \_\_\_\_\_
- Roll bar link bearing centred, jam nuts tight \_\_\_\_\_
- Roll bar link bolts tight, roll bar end \_\_\_\_\_
- Roll bar link bolts tight, bellcrank end \_\_\_\_\_
- Roll bar set to position \_\_\_\_\_ from soft \_\_\_\_\_
- Roll bar link rod ends checked for excessive play \_\_\_\_\_
- Adjuster links secure, rod ends checked for play \_\_\_\_\_
- Adjuster moving freely \_\_\_\_\_
- Damper bellcrank mount secure \_\_\_\_\_
- Damper frame mount secure \_\_\_\_\_
- Damper freedom checked \_\_\_\_\_
- Dampers adjusted \_\_\_\_\_ bump \_\_\_\_\_ rebound \_\_\_\_\_ can \_\_\_\_\_
- Spring seat secure \_\_\_\_\_
- Spring seat height (from can to backside) \_\_\_\_\_ mm \_\_\_\_\_
- Lower wishbone bolts \_\_\_\_\_
- Upper wishbone bolts \_\_\_\_\_
- Lower wishbone jam nut \_\_\_\_\_
- Upper wishbone jam nuts \_\_\_\_\_
- Pushrod bolt, lower wishbone \_\_\_\_\_
- Pushrod bolt, bellcrank \_\_\_\_\_
- Pushrod rod ends \_\_\_\_\_
- Pushrod jam nuts \_\_\_\_\_
- Bellcrank to frame bolt \_\_\_\_\_
- Upper balljoint checked for play \_\_\_\_\_
- Upper balljoint bolt \_\_\_\_\_
- Lower balljoint checked for play \_\_\_\_\_
- Lower balljoint retainer secure, wired \_\_\_\_\_
- Lower balljoint bolt \_\_\_\_\_
- Steering block to upright checked for cracks \_\_\_\_\_
- Steering block to upright bolts \_\_\_\_\_
- Steering block to track rod bolt \_\_\_\_\_
- Steering rack to track rod bolt \_\_\_\_\_
- Track rod jam nuts \_\_\_\_\_
- Stub axle secure \_\_\_\_\_
- Wheel studs tight \_\_\_\_\_
- Wheel bearing seals checked \_\_\_\_\_
- Upright checked for cracks \_\_\_\_\_
- Driveshafts moving freely, checked for twist \_\_\_\_\_
- Tripod inner bolts \_\_\_\_\_
- Tripod outer bolts \_\_\_\_\_
- Tripods checked for wear \_\_\_\_\_
- Rear beam straps inner \_\_\_\_\_
- Rear beam straps outer \_\_\_\_\_

Job list / Notes \_\_\_\_\_

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\_\_\_\_\_

*Rear brakes*

*LH*

*RH*

- Brakes bled \_\_\_\_\_
- Brake pads checked for wear and in place \_\_\_\_\_
- Brake pad thickness \_\_\_\_\_
- Brake pads R-clips in place \_\_\_\_\_
- Brake disc secure \_\_\_\_\_
- Brake disc checked for cracks and runout \_\_\_\_\_
- Caliper mounting bolts tight and wired \_\_\_\_\_
- Caliper bleed nipple tight and dry \_\_\_\_\_
- Brake lines checked for damage and secured \_\_\_\_\_

*Rear wheels*

*LH*

*RH*

- Wheel cleaned \_\_\_\_\_
- Wheel studs tight in hub \_\_\_\_\_
- Wheel bearing checked for play \_\_\_\_\_
- Wheel bearing seals checked \_\_\_\_\_
- Race rubber mounted \_\_\_\_\_
- Wheel nuts torqued \_\_\_\_\_
- Wheel spins freely \_\_\_\_\_

*Gearbox and final drive*

*LH*

*RH*

- Shift linkage u-joints and bolts checked \_\_\_\_\_
- Shift linkage to selector finger bolt tight \_\_\_\_\_
- Gearbox level checked \_\_\_\_\_
- Gearbox filler plug tight \_\_\_\_\_
- Gearbox drain plug tight \_\_\_\_\_
- Gearbox side plug tight \_\_\_\_\_
- Clutch disengagement checked \_\_\_\_\_
- Clutch line checked for damage \_\_\_\_\_
- All gears engaging \_\_\_\_\_
- Oil Overflow tank secure and emptied \_\_\_\_\_
- Oil Overflow plumbing secure \_\_\_\_\_
- Water overflow secure, emptied \_\_\_\_\_
- Exhaust bracket secure \_\_\_\_\_

*Engine*

- Engine to frame mountings tight(front) \_\_\_\_\_
- Engine mounts checked for cracks \_\_\_\_\_
- Engine to oil tank bolts (rear) \_\_\_\_\_
- Oil tank to frame bolts \_\_\_\_\_
- Oil tank to gearbox nuts \_\_\_\_\_
- Starter motor bolts tight \_\_\_\_\_
- Oil level checked, cap tight \_\_\_\_\_
- Oil tank secure \_\_\_\_\_
- \_\_\_\_\_ plugs in place, gap - \_\_\_\_\_ "
- HT leads secure on plugs and dizzy \_\_\_\_\_
- HT leads checked for heat damage \_\_\_\_\_
- Water pump belt and pulleys checked \_\_\_\_\_
- Fuel lines checked \_\_\_\_\_

Job list / Notes \_\_\_\_\_

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Carb fuel filter clear \_\_\_\_\_  
Oil lines checked \_\_\_\_\_  
Water hoses and clamps checked \_\_\_\_\_  
Oil filter mount secure \_\_\_\_\_  
Oil cooler mount secure, oil cooler checked for cracks \_\_\_\_\_  
Valve cover screws tight \_\_\_\_\_  
Air filter clean \_\_\_\_\_  
Throttle cable secure, return springs checked \_\_\_\_\_  
100% throttle checked \_\_\_\_\_  
Throttle rod ends secure, checked for excessive play \_\_\_\_\_  
Floats and float level checked \_\_\_\_\_  
Header bolts tight and wired, gasket checked \_\_\_\_\_  
Muffler secure \_\_\_\_\_  
Exhaust checked for cracks \_\_\_\_\_  
Race fuel on board \_\_\_\_\_  
Fuel filler tight \_\_\_\_\_  
Water level checked (engine running), cap wired \_\_\_\_\_  
Engine run, leak checked, oil pressure OK \_\_\_\_\_

*Frame*

Checked for cracks \_\_\_\_\_  
Floorplan rivets intact \_\_\_\_\_  
Skid blocks \_\_\_\_\_

*Other*

New pad sign on steering wheel \_\_\_\_\_  
Brakes pressure checked \_\_\_\_\_  
Bodywork secure \_\_\_\_\_  
Mirrors secure \_\_\_\_\_  
Tyre pressures set, valve caps tight \_\_\_\_\_ psi (front) \_\_\_\_\_ psi (rear)  
Spare Tyre pressures set \_\_\_\_\_  
Bodywork and access panels secure \_\_\_\_\_

Job list / Notes \_\_\_\_\_  
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