

Dyno Checklist

Please find below a check list of essential items to tick off before arrival (not all points shall apply to every customer, but most will).

- **Most importantly**, Triple check there are **no fuel, oil, coolant, or fluid leaks**.
- Check for correct oil & coolant levels (spare fluids advised).
- Check fuel level (unleaded 98/99 RON*) – full tank and spare fuel can recommended (plus any refuelling equipment required). If dedicated race fuels are required, you may pre-arrange delivery*
*Anglo American Oils are local along with *BP Ultimate/Shell V Power being readily available.
- Check throttle cable (if mechanical type) – Does 100% pedal = 100% throttle opening?
- Check clutch operation, clearance, and gear selection.
- Check all connections, lines, junctions, radiators, boost hoses, solenoids (swaged fittings) etc.
- Check the spark plugs, coil leads (if you have them), coil packs, injectors, coil connections, earth straps, ground points, as well as overall harness/loom condition.
- Check vehicle voltage and that battery is fully charged (perhaps include specific battery charger e.g. Lithium type)
- Provide any special tools that may be vehicle specific (wheel nut socket, locking wheel nut key, air jack equipment), accompanying PC equipment or data cables if required.

Further recommendations:

- Flow test/clean/service injectors before arrival to ensure proper engine performance.
- Locate ECU comms plug connection.
- Locate or identify a TDC mark on engine.
- Provide documentation/instruction of any special operational procedures/limits related to the specific vehicle (pre-heating requirements, min/max temperatures, oil, and water pressures as specified by engine or vehicle supplier).
- Bring any small spares which might come in helpful.
- If you are unsure of anything, please ask beforehand.

Please also review our T&C's at: <http://www.longmanracing.com/terms-and-conditions>
