



SPEED FACTOR RACING DYNO CHECK LIST

Equipment & Needs

- Make sure there is at least 1/2 tank of gas in the tank and use the brand/octane that you will be using most of the time.
- If your vehicle has been left in storage, please make sure your fuel is fresh and does not contain any fuel stabilizer.

Fluids

- Make sure all fluids are topped up and **NOT leaking**; this includes engine oil, coolant, transmission fluid, differential/transaxle fluid, brake fluid, clutch hydraulic fluid, etc.
- If your engine oil and filter have been run for more than 5000km, please replace both.

Wheels & Tires

- Wheels should be balanced and the vehicle must be able to drive straight if it is to be tuned on a chassis dyno.
- Tires should be in good condition. This means no belts/cords showing.
- **ENSURE THAT ALL WHEELS ARE TIGHTLY FASTENED TO VEHICLE.**

Electrical

- Ensure your spark plugs are in good condition. Replace with new ones if necessary. Having spares is also a good idea.
- If your vehicle is over 5 years old, it would be good to clean your engine grounds and grounding attachment points. A vehicle's electrical signals need to be as clean as possible so the ECM has good signals coming in and going out. The engine harness should have no exposed wires.
- Battery/Alternator – Make sure these items are strong and operating properly. A weak battery can cause problems when reflashing the ECU

Vacuum lines, piping & seals

- Make sure that your intake, vacuum lines, and intercooler piping are sealed when under vacuum and sealed when pressurized like when running full boost. Major leaks can usually be found while dyno tuning because the data will look incorrect, but minor leaks are very difficult to find so please pressure test these parts of your intercooler system.

Exterior / Body Of Vehicle

- The vehicle must be washed or clean prior to entering the dyno facility.

I, _____, have read through this Dyno Checklist and have made all of the necessary modifications (if any) to ensure that my vehicle is safe and ready.

Witness Name / Signature

Date: (mm/dd/yyyy)