TUNE TECHNIC

DYNO TUNING CHECKLIST

This is a general checklist to make sure your car is ready for dyno tuning.
If you have any questions or concerns, please get in touch.

If your car is standard / unmodified check these things

Is the manufacturers service schedule up to date?	Yes ☐	No ☐
Are all your vehicle fluid levels okay and without leaks?	Yes ☐	No ☐
Does your vehicle have a current WOF?	Yes ☐	No ☐
Does your vehicle have any engine or drivetrain issues that could affect performance?	Yes ☐	No ☐
Does your vehicle have any check engine warnings?	Yes ☐	No ☐
Have you checked all tyre pressures?	Yes ☐	No ☐
Does your car have a bare minimum of ½ a tank of fuel at the correct octane?	Yes ☐	No ☐

If your car is modified check these things

COOLING SYSTEM

Is your vehicle coolant at the correct level?	Yes ☐	No ☐
Is your cooling system leak free?	Yes ☐	No ☐
Does your thermostat perform okay? I.e.: no heating issues	Yes ☐	No ☐
Is your cooling system bled up with no air locks?	Yes ☐	No ☐
Is your radiator cooling fan efficient?	Yes ☐	No ☐

DRIVETRAIN

Are your drivetrain fluids at the correct level?	Yes ☐	No ☐
Is your drivetrain system leak free?	Yes ☐	No ☐
Does your vehicle have any warning lights / fault codes in stability control or braking system?	Yes ☐	No ☐
Is the steering / suspension / diffs / drive shafts / brakes all up to WOF standard?	Yes ☐	No ☐
Is your clutch / transmission slip free?	Yes ☐	No ☐

ELECTRICAL

Are the vehicle power and ground cables in good condition?	Yes ☐	No ☐
Is the battery in good condition? E.g. does the engine turn over quickly on cold mornings?	Yes ☐	No ☐
Does the alternator charge correctly? E.g. 13.4-14.8 volts	Yes ☐	No ☐
Are all wires or looms away from heat sources?	Yes ☐	No ☐

ENGINE

Is the manufacturers service schedule up to date?	Yes ☐	No ☐
Are your engine fluids at the correct level?	Yes ☐	No ☐
Is your engine leak free?	Yes ☐	No ☐

Are your engine oil and filter near new?   Approx. _____ km   OR _____ hrs

Engine oil   Brand: _____   Grade: _____

Please record your spark plug info   Type, age, heat-range, gap: _____

Are the engine coil packs and/or spark plug leads in good condition? Yes ☐ No ☐

Does your vehicle have any warning lights / fault codes in the engine control unit? Yes ☐ No ☐

Please record your engine compression / leakdown _____

Is your cylinder variation within 20psi and/or leakdown < -8%? Yes ☐ No ☐

FUEL SYSTEM

Is your fuel filter near new? Approx. _____ km OR _____ age

Fuel injectors Brand: _____ Flow rate: _____

Approx. _____ km OR _____ age

Fuel system flow test Pressure: _____ Voltage: _____ Flow rate: _____

If your fuel pump has been upgraded, has the wiring been upgraded as well? Yes ☐ No ☐

Does your car have a bare minimum of ¾ tank of fuel at the correct octane? Octane: _____ Yes ☐ No ☐

INTAKE / EXHAUST

Is the air filter near new? Approx. _____ km OR _____ age

Are the vacuum / boost hoses secure and leak free? Yes ☐ No ☐

Are the turbo / supercharger / intercooler pipes / hoses secure and leak free? Yes ☐ No ☐

If your pipework has been modified, we recommend a smoke or pressure test. Has this been done? Yes ☐ No ☐

Is the blow off valve (BOV) leak free? Yes ☐ No ☐

Blow off valve Age: _____ Type: _____

Is your exhaust system secure and leak free? Yes ☐ No ☐

Does the headers and exhaust have sufficient heat shielding to avoid damage? Yes ☐ No ☐

Does your turbo wastegate vent back into the exhaust system? Yes ☐ No ☐

Does the exhaust tail pipe exit at a WOF standard position? Yes ☐ No ☐

Do you have a spare oxygen sensor adapter port fitted? (M18 x 1.5 required) Yes ☐ No ☐

Where is your spare oxygen sensor located? _____

WHEELS / TYRES

Are the wheels and tyres up to WOF standard? Yes ☐ No ☐

Are the tyres suitable for dyno rollers? E.g.: no slicks or drag tyres. Yes ☐ No ☐

Are the wheels torqued to spec? Yes ☐ No ☐

Do the wheels and tyres have sufficient guard clearance? Yes ☐ No ☐

How low is your vehicle? Circle one Standard | Lowered | Slammed

Have you checked the tyre pressures? Yes ☐ No ☐