

WHAT'S ON

IN TRNC

Mechanic's 20-Point Deep Inspection Checklist

This checklist is designed for a detailed mechanical inspection. Use it during a professional assessment to evaluate the true mechanical condition of a used vehicle.

- Engine compression within manufacturer tolerances
- No oil leaks around rocker cover, sump, or crank seals
- Coolant system pressure tested – no leaks or contamination
- Radiator and coolant hoses in good condition – no cracks or swelling
- Timing belt/chain condition checked and replacement interval verified
- Battery load tested and charging system functioning correctly
- Alternator output within normal range
- Brake discs and pads measured – within safe limits
- Brake fluid moisture/content level within safe range
- Suspension struts/shocks free from leaks and providing proper damping
- Ball joints, control arms, and bushes checked for play
- Steering rack and power steering system operating smoothly
- Exhaust system inspected for leaks, rust, or excessive noise
- Gearbox and clutch operation smooth – no slipping or grinding
- Transmission fluid condition checked (if applicable)
- Driveshafts and CV joints inspected – no clicking or torn boots
- Wheel bearings checked for noise or play
- Tyre condition and age verified – tread depth recorded
- OBD scan performed – no stored or pending fault codes
- Road test confirms stable handling, braking, and power delivery

Note: This checklist is intended for professional mechanical assessments. Always consult a qualified mechanic for a full diagnosis.