

TESTS : DOCUMENTS AND RESULTS

Run sheet : Completed for each run

- Driver and track
- Date and time
- Weather
- Car setting reference
- Objectives
- Run duration
- Distance
- Driver opinion and remarks
- Engine temperature before and after run

Setting sheet

- Setting for tires, suspension, geometry, mass, transmission
- Numbered and new sheet for each step of adjustments

Results

- More than 1200 km of tests
- Identification of weak points and improvement
- Adjustments to improve performance and drivability :
 - Throttle transients : fuel increase when tip in
 - Shiftcut : 60ms
 - Transmission ratio : 13*45
 - Launch and traction control parameters : 9000 rpm, 15% slip target
 - Caster angle and caster reduced to limit steering wheel input torque
 - Geometry and hydraulic to limit understeering in corner entry
 - Brake balance