

# 



## CHASSIS NUMBER - F131 GTC \*20XX\* FIA N-GT

### ENGINE

- Location: central-rear, longitudinal disposition.
- Type: Ferrari F131, 8 cylinders with V 90° layout.
- Capacity: 3586.2 cm3.
- Bore: 85 mm.
- Stroke: 79 mm.
- Maximum Power: 445 CV at 8750 rpm.
- Maximum Torque: 410 Nm at 6500 rpm.
- Materials: Aluminium alloy engine block and cylinder heads, titanium connecting rods, forged steel crankshaft.
- Intake system: Air induction limited by two restrictors 30.8 mm (as per FIA N-GT rules) placed at the entry of the air box, opening by 2 mechanical throttles.
- Timing system: 4 camshafts (2 per each cylinder head) driven by 2 toothed belts, 5 valves per cylinder (3 intake, 2 exhaust).



- Injection and ignition: Magneti Marelli MR3 engine electronic management, adjustable engine mapping, fuel injection by 1 injector per cylinder, ignition by 1 spark plug per cylinder.
- Exhaust system: Inconel tubing, not silenced (120 db noise).
- Cooling system: liquid type, 2 radiators placed in the front of the front wheels.
- Lubrication system: dry sump, gear pump, liquid-oil heat exchanger and filter.
- Fuel: Unleaded 102 RON, 88 MON.

### **POWER TRAIN**

- Location: rear, longitudinal disposition.
- Type: 6 speed + reverse, sequential control.
- Gears: not synchronized, adjustable gear ratios.
- Differential: self-locking, adjustable by blades, power flow types.
- Clutch: 5"1/2 syntherized three discs, hydraulic control.
- Materials: magnesium casings and covers.
- Lubrication system: gear pump, radiator and filter.



#### **CHASSIS AND BODYWORK**

- Chassis: aluminium monocoque, steel safety cage (as per FIA rules), not stressed engine and gearbox stiffly fitted to the chassis, left hand drive.
- Fuel tanks: 2 FT3 (as per FIA safety rules) tanks located behind the cockpit panel, 100 litres fuel capacity (as per FIA N-GT rules), fast refuelling fillers.
- Steering system: rack and pinion system, hydraulic power steering.
- Front suspension: independent wheels, overlapped aluminium triangular wishbones, anti-dive geometry, helicoidal springs, adjustable shock absorbers, adjustable antiroll bar (available in different diameters), aluminium alloy uprights, quick release single wheel nut.
- Rear suspension: independent wheels, overlapped aluminium triangular wishbones, anti-squat geometry, helicoidal springs, adjustable shock absorbers, adjustable antiroll bar (available in different diameters), aluminium alloy uprights, quick release single wheel nut.



- Brake system: hydraulic control, independent front and rear circuits, driver adjustable brake balance.
- Front brake system: Brembo, steel discs 380 x 32 mm, 6 pistons (30/32/40 mm) calipers.
- Rear brake system: Brembo, steel discs 332 x 32 mm, 4 pistons (38/42 mm) calipers, brake pressure limiter.
- Front rims: 10" x 18", BBS aluminium enbloc.
- Rear rims: 11" x 18", BBS aluminium enbloc.
- Front tyres: Pirelli 265/645/18
- Rear tyres: Pirelli 305/680/18
- Bodywork materials: bumpers, bonnets, front fenders, doors, side pots and rear wing in composite materials; roof and rear fenders in aluminium; door, side and rear windows in Lexan.
- Aerodynamic devices: adjustable front spoiler, adjustable single profile rear wing, floor with rear diffuser



#### **DIMENSION AND WEIGHT**

- Wheelbase: 2600 mm.
- Front truck: 1714 mm.
- Rear truck: 1573 mm.
- Maximum front width: 1985 mm (at the front axle).
- Maximum rear width: 1925 mm (at the rear bumper)
- Overall width: 2050 mm (at the rear mirror).
- Overall length: 4557 mm.
- Overall height: 1185 mm.
- Weight: 1100 kg (all the liquids at the standard level, without fuel and driver).



#### EQUIPMENTS

- Quick lifting system composed of 3 air jacks.
- Heated windscreen.
- Rear-lighted dashboard.
- Magneti Marelli DAS4 data acquisition system.
- Quick release steering wheel.
- Automatic extinguishing system as per FIA rules.
- Tools kit.
- Technical manual.
- Spare parts catalogue.