MCLAREN F1 (ROAD CAR / LM / GT)

Engine: **6064cc BMW Motorsport S70/2 48V V12 (627bhp)**
Chassis: **Full Carbon-Fibre Monocoque Tub w/ Central Driving Position**

PRE-PURCHASE BUYER'S FIELD INSPECTION SHEET (1992–1998)

VEHICLE REGISTRATION	CHASSIS / VIN NUMBER	RECORDED MILEAGE	ASKING PRICE
.....	.....	.....	£ .....

1. CRITICAL STRUCTURAL & COMPOSITE INTEGRITY

CARBON-FIBRE COMPOSITE MONOCOQUE

PASS	INSPECTION POINT	SPECIFIC WEAR INDICATOR & DEFECT SIGN
☐	**Carbon-Composite Monocoque Tub**	First production carbon-fibre road car tub. Tap-test and inspect underside, sills, and front crash structure for weave delamination, impact fracture, or past track repairs.
☐	**Gold-Foil Heat Shielding Integrity**	Pure gold foil lines the engine bay and exhaust bay ceiling. Inspect foil for peeling, scorching, or tears; compromised insulation causes composite tub heat distortion.
☐	**Dihedral Door Mechanisms & Latches**	Examine front-hinged dihedral butterfly door hinges, hydraulic lift struts, and carbon sill shut lines. Misalignment causes carbon skin edge chipping and seal leaks.
☐	**Underfloor Ground-Effect Diffusers**	Underbody carbon ground-effect undertrays and rear diffuser venturis. Inspect front chin splitter and floor skids for severe bottoming-out wear and delamination.

2. MECHANICAL TRIAGE & RUNNING GEAR

COLD START TO OPERATING TEMP

PASS	SYSTEM / COMPONENT	TARGET TOLERANCES & OPERATIONAL CHECKS
☐	**BMW S70/2 6.1L V12 Dry-Sump Health** **Spec: 65–85 Cold | 35+ Hot**	Dry-sump 627bhp V12. Check dry-sump oil tank level following factory procedure. Check for VANOS variable timing rattle on cold startup; check carbon air plenum seals.
☐	**Transverse 6-Speed Transaxle & AP Clutch**	Bespoke transverse 6-speed manual with AP Racing triple-plate carbon clutch. Check for clean 1st/2nd engagement and test clutch bite (requires specialist shimming).
☐	**FT3 Safety Fuel Cell Expiry** **Interval: 5-Year Mandatory Swap**	CRITICAL: Kevlar/rubber racing fuel cell located behind cockpit bulkhead. Has mandatory 5-year replacement interval (engine-out service costing ~£60,000+). Check service logs.
☐	**Unassisted Brakes & Active Airbrake**	Unassisted Brembo 4-pot monobloc calipers (no ABS). Check active rear airbrake deploys under hard threshold braking via dash vacuum/electric actuator.

Factory Provenance & Toolkits: Only 106 total cars produced (64 road cars). Stamped chassis plate in door aperture (Chassis 001 to 075 for road cars). Verify matching luggage set, titanium lightweight tool roll, and TAG Heuer 6000 Chronometer.

3. DEFECT LEDGER & NEGOTIATION DEDUCTIONS

GLOBAL SPECIALIST BENCHMARKS

OBSERVED DEFECT / REQUIRED WORK	ESTIMATED UK REMEDY	DEDUCTION APPLIED
Mandatory 5-Year Fuel Cell Replacement (Engine-Out)	£65,000 – £95,000 (McLaren Special Operations MSO)	£
BMW S70/2 V12 Complete Service & Valve Clearances	£25,000 – £45,000 (Factory major scheduled service)	£
AP Racing Triple-Plate Clutch Replacement & Shimming	£18,000 – £28,000 (Clutch assembly & transaxle setup)	£
Engine Bay Pure Gold-Foil Heat Shielding Reapplication	£12,000 – £20,000 (Custom gold-leaf foil relining)	£
TOTAL DEDUCTIONS FROM ASKING PRICE	MAX REVISED OFFER:	£