JAGUAR E-TYPE SERIES 1 (3.8 / 4.2)

Engine: **3.8L / 4.2L XK DOHC Inline-6**
Transmission: **4-Speed Moss / All-Synchro Manual**

PRE-PURCHASE BUYER'S FIELD INSPECTION SHEET (1961–1968)

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

1. CRITICAL STRUCTURAL ROT TRAPS

MONOCOQUE TUB & FRONT SUBFRAME

PASS	INSPECTION POINT	SPECIFIC WEAR INDICATOR & DEFECT SIGN
☐	**Reynolds 531 Front Frames**	CRITICAL: Tubular engine frames and picture frame. Check for brazing cracks, collision distortion, and internal corrosion. Never weld; damaged frames must be replaced.
☐	**Bulkhead & "Picture Frame"**	Inspect firewall attachment points where subframe bolts to the steel monocoque tub. Floor radius arms corrode through at bulkhead attachment gussets.
☐	**Sills & Floor Pan Seams**	Complex multi-box sills. Inspect inner sills and drop floors beneath seats. Tap jacking points; corrosion starts inside internal structural membranes.
☐	**Rear IRS Mounting Subframe**	Inspect the independent rear suspension (IRS) cage mounting rubber vee-blocks. Floor pan sheet metal tears away from differential crossmember mounts.

2. MECHANICAL TRIAGE & RUNNING GEAR

COLD START TO OPERATING TEMP

PASS	SYSTEM / COMPONENT	TARGET TOLERANCES & OPERATIONAL CHECKS
☐	**XK Engine Oil Pressure** **Spec: 55–60 Cold | 25+ Hot**	Check Smiths oil gauge. Hot idle at 750 RPM must hold 25–30 PSI minimum. Under 20 PSI signals worn crankshaft journals and big-end bearings.
☐	**Timing Chain & Head Weep**	Listen for cold startup timing chain rattle at cylinder head front. Inspect rear corners of aluminium cylinder head for coolant weeping down block.
☐	**Cooling System & Fans**	Series 1 E-Types run hot in traffic. Inspect radiator header tank for bubbling, check auxiliary electric fan operation, and look for block core plug leaks.
☐	**Inboard Rear Dunlop Brakes**	Brakes are mounted inboard next to diff. Inspect calipers for seized pistons and leaking rear differential output shaft seals soaking brake discs with oil.

Provenance & Numbers Matching: Data plate on bulkhead. Series 1 3.8 prefix: 85XXXX / 87XXXX (RHD/LHD); 4.2 prefix: 1E1XXX / 1E2XXX. Cylinder head valley stamp must match engine block stamp and V5C. Verify Jaguar Heritage Certificate match.

3. DEFECT LEDGER & NEGOTIATION DEDUCTIONS

UK MARKET BENCHMARKS

OBSERVED DEFECT / REQUIRED WORK	ESTIMATED UK REMEDY	DEDUCTION APPLIED
Bent / Corroded Front Tubular Subframe Assembly	£3,500 – £6,500 (New Reynolds frames & setup)	£
XK Engine Bottom-End Rebuild (Low Hot Pressure)	£5,500 – £8,500 (Crank grind, bearings & seals)	£
Inboard Rear Brake Overhaul & Diff Seal Drop	£1,200 – £1,900 (IRS drop, calipers & discs)	£
Structural Monocoque Sill & Floor Pan Reconstruction	£4,000 – £7,500 (Jig fabrication & respray)	£
TOTAL DEDUCTIONS FROM ASKING PRICE	MAX REVISED OFFER:	£