ASTON MARTIN DBS (6-CYLINDER & V8)

Engine: **3995cc Marek Inline-6 / 5340cc Marek Quad-Cam V8**
Transmission: **ZF 5-Speed Manual / Chrysler Torqueflite Auto**

PRE-PURCHASE BUYER'S FIELD INSPECTION SHEET (1967–1972)

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

1. CRITICAL STRUCTURAL & BODYWORK TRAPS

STEEL PLATFORM & ALLOY FASTBACK

PASS	INSPECTION POINT	SPECIFIC WEAR INDICATOR & DEFECT SIGN
☐	**Steel Platform Sills & Outriggers**	DBS moved away from pure Superleggera to a steel platform chassis with alloy skin. Check boxed sills, rear trailing arm mounts, and jacking points for severe structural rot.
☐	**Electrolytic Alloy Skin Blisters**	William Towns fastback shape. Inspect sharp wheel arch flares, lower door skins, and C-pillar roof swages for bubbling paint where hand-beaten alloy meets steel framework.
☐	**Front Subframe & Radiator Cradle**	Check tubular front engine frame mounts, steering rack mounting crossmember, and the lower radiator/oil-cooler tray for stone damage and hollow rust crusting.
☐	**de Dion Rear Suspension Tube**	DBS introduced de Dion rear axle with Watts linkage. Check chassis attachment brackets on the rear heelboard and inspect de Dion cross-tube for damage or rot.

2. MECHANICAL TRIAGE & RUNNING GEAR

COLD START TO OPERATING TEMP

PASS	SYSTEM / COMPONENT	TARGET TOLERANCES & OPERATIONAL CHECKS
☐	**Engine Oil Pressure & Timing Chains** **Spec: 60–80 Cold | 30+ Hot**	Straight-6 (3995cc) or early Quad-Cam V8 (5340cc). Hot idle must hold 25–30 PSI minimum. Listen for timing chain rattle on cold startup; check wet-liner base seals for leaks.
☐	**ZF 5-Speed / Torqueflite Auto**	ZF S5-325 manual (check 2nd/3rd gear synchro baulking) or Chrysler Torqueflite (check for clean kickdown and test transmission fluid color/burnt smell).
☐	**Inboard Rear Disc Brakes**	Girling discs mounted inboard on the de Dion tube. Inspect calipers for seized handbrake mechanisms and check diff output seals for oil contamination onto discs.
☐	**Cooling System & Twin Fans**	Large radiator with twin Lucas electric fans. Check fan thermostat cut-in temp; DBS runs notoriously hot in stop-and-go UK traffic. Check header tank for boiling.

Model & Identity Verification: Stamped chassis plate on passenger firewall. 6-cylinder prefix: DBS/XXXX/R; V8 prefix: DBSV8/XXXX/R. Early V8 cars used mechanical Bosch fuel injection (prone to hot start vapor lock). Heritage Trust certificate verification mandatory.

3. DEFECT LEDGER & NEGOTIATION DEDUCTIONS

UK MARKET BENCHMARKS

OBSERVED DEFECT / REQUIRED WORK	ESTIMATED UK REMEDY	DEDUCTION APPLIED
Steel Platform Sill & Chassis Outrigger Reconstruction	£12,000 – £25,000 (Specialist coachwork fabrication)	£
Marek 6-Cyl / Quad-Cam V8 Engine Teardown & Rebuild	£18,000 – £32,000 (Complete engine overhaul)	£
Inboard Rear Brake Caliper Overhaul & Diff Drop	£1,500 – £2,400 (de Dion drop, calipers & discs)	£
Alloy Body Galvanic Corrosion & Respray Preparation	£8,000 – £15,000 (Aluminium panel repairs & paint)	£
TOTAL DEDUCTIONS FROM ASKING PRICE	MAX REVISED OFFER:	£