BRISTOL 412 / BEAUFIGHTER

Engine: **Chrysler 360ci (5.9L) / 360ci Turbocharged V8**
Coachwork: **Zagato Targa / Convertible over Separate Box Chassis**

PRE-PURCHASE BUYER'S FIELD INSPECTION SHEET (1975–1993)

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

1. CRITICAL STRUCTURAL & COACHWORK TRAPS

BOX CHASSIS & ZAGATO ALLOY BODY

PASS	INSPECTION POINT	SPECIFIC WEAR INDICATOR & DEFECT SIGN
☐	**Separate Box-Section Chassis Rails**	Massive Bristol box-section chassis. Inspect lower main longitudinals, center cruciform crossmembers, and rear suspension outriggers for internal condensation rot.
☐	**Zagato Targa Hoop & Roof Seams**	Integral rollover targa bar with removable front roof panels. Inspect targa bar base where it bolts to the steel chassis frame; check for water leaks rotting floorpan.
☐	**Aluminium Bodywork Galvanic Blisters**	Zagato-styled hand-formed aluminium body over steel subframe. Look for paint bubbling and galvanic oxidation along door bottoms, sills, and rear wheel arch swages.
☐	**Front Wing Spare Wheel / Battery Lockers**	Traditional Bristol design: spare wheel and battery housed in compartments behind front wheels inside wings. Check locker floor pans for severe rot.

2. MECHANICAL TRIAGE & RUNNING GEAR

COLD START TO OPERATING TEMP

PASS	SYSTEM / COMPONENT	TARGET TOLERANCES & OPERATIONAL CHECKS
☐	**Chrysler 5.9L / Turbo V8 Health** **Spec: 40–55 Cold | 20+ Hot**	Chrysler 360ci V8 (Beaufighter features Rotomaster turbocharger). Listen for hydraulic lifter tick and check for turbo boost lag / blue exhaust smoke on overrun.
☐	**Torqueflite 727 3-Speed Automatic**	Chrysler Torqueflite automatic transmission. Test smooth engagement of Drive and Reverse from park; check for delayed upshifts and burnt fluid smell.
☐	**Rear Torsion Bar Suspension & Axle**	Bristol live rear axle located by trailing arms and transverse torsion bars. Inspect torsion bar mounting anchor splines and check rear Armstrong dampers for leaks.
☐	**Girling Disc Brakes & Dual Servos**	4-wheel Girling disc brakes with dual vacuum servos. Inspect brake servos on inner bulkhead for fluid weepage and test pedal firmness on hard emergency stops.

Provenance & Coachwork Verification: Hand-built in tiny numbers (fewer than 100 412s & Beaufighters produced). Stamped chassis plate on passenger firewall (Prefix: 412/XXXX or BEAU/XXXX). Factory documentation from Bristol Cars Filton mandatory.

3. DEFECT LEDGER & NEGOTIATION DEDUCTIONS

UK MARKET BENCHMARKS

OBSERVED DEFECT / REQUIRED WORK	ESTIMATED UK REMEDY	DEDUCTION APPLIED
Zagato Aluminium Body Galvanic Rot & Respray	£8,000 – £15,000 (Coachbuilt alloy repairs & paint)	£
Corroded Box-Section Chassis Rails / Floor Welding	£2,500 – £4,500 (Chassis fabrication & outriggers)	£
Beaufighter Rotomaster Turbocharger / Manifold Overhaul	£1,800 – £2,800 (Turbo rebuild, wastegate & tuning)	£
Targa Roof Weatherstrip Seals & Headlining Rebuild	£750 – £1,200 (Custom targa seals & trim)	£
TOTAL DEDUCTIONS FROM ASKING PRICE	MAX REVISED OFFER:	£