PANTHER LIMA / KALLISTA

PRE-PURCHASE BUYER'S FIELD INSPECTION SHEET (1976–1990)

Engine: **2.3L Vauxhall Slant-Four (Lima) / Ford 1.6L & 2.8L V6 (Kallista)**
Chassis: **Tubular Steel Chassis w/ GRP / Aluminium Bodywork**

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

1. CRITICAL STRUCTURAL & CHASSIS TRAPS

STEEL CHASSIS & GRP/ALLOY COACHWORK

PASS	INSPECTION POINT	SPECIFIC WEAR INDICATOR & DEFECT SIGN
☐	**Steel Ladder / Backbone Chassis**	Lima used Vauxhall Magnum-based steel chassis; Kallista used bespoke multi-tube chassis. Inspect lower chassis rails, footwell outriggers, and rear spring mounts for rot.
☐	**Body-to-Chassis Mounting Points**	Lima uses full glassfibre (GRP) body; Kallista uses aluminium body with GRP wings. Inspect mounting bolts sandwiching body to chassis for enlarged or torn holes.
☐	**Alloy / Steel Electrolysis (Kallista)**	On Kallista: inspect seams where aluminium body panels join steel chassis brackets and door frames. Look for bubbling paint caused by galvanic corrosion.
☐	**Front Suspension Crossmember**	Vauxhall double-wishbone (Lima) or Ford Capri/Cortina crossmember (Kallista). Check suspension pickup points and upper wishbone mounting brackets for rust.

2. MECHANICAL TRIAGE & RUNNING GEAR

COLD START TO OPERATING TEMP

PASS	SYSTEM / COMPONENT	TARGET TOLERANCES & OPERATIONAL CHECKS
☐	**Powertrain Health (Slant-4 vs V6)** **Spec: 40–50 Cold | 20+ Hot**	Lima 2.3L Slant-Four: check toothed cam belt and cam clatter. Kallista 2.8L Cologne V6: listen for timing gear whine and check oil pressure warning light on crank.
☐	**Gearbox Synchros (Vauxhall / Type 9)**	Lima uses GM/Vauxhall 4-speed manual; Kallista uses Ford 4-speed or 5-speed Type 9. Check 2nd and 3rd synchros on downshifts; listen for clutch release bearing chatter.
☐	**Rear Live Axle & Trailing Arms**	Live rear axle with trailing links and coil springs. Listen for differential gear whine at 50 MPH cruise and check trailing arm rubber void bushes for perished play.
☐	**Cooling System & Nose Radiator**	Nose grille airflow in retro styling. Check electric cooling fan thermostat cut-in temp, radiator core condition, and check expansion bottle for boiling after hot shutdown.

Model & Identity Verification: Panther Westwinds brass/alloy chassis plate on firewall. Lima prefix: PL... (1976–82); Kallista prefix: K... (1982–90). Verify engine capacity and mechanical specifications match V5C historic logbook.

3. DEFECT LEDGER & NEGOTIATION DEDUCTIONS

UK MARKET BENCHMARKS

OBSERVED DEFECT / REQUIRED WORK	ESTIMATED UK REMEDY	DEDUCTION APPLIED
Corroded Steel Chassis Rails & Outrigger Welding	£1,800 – £3,200 (Body lift & chassis fabrication)	£
Alloy Body Galvanic Corrosion Repair (Kallista)	£1,200 – £2,000 (Aluminium repairs & paint blend)	£
Vauxhall Slant-Four / Ford V6 Engine Top-End Overhaul	£650 – £1,100 (Camshaft kit, timing belt & gaskets)	£
Rear Suspension Trailing Arm Bushes & Diff Overhaul	£400 – £650 (Polybushes, diff seals & alignment)	£
TOTAL DEDUCTIONS FROM ASKING PRICE	MAX REVISED OFFER:	£