HILLMAN AVENGER (GT / TIGER / GLS)

Engine: **1248cc / 1498cc / 1598cc Rootes Iron OHV**
Rear Suspension: **4-Link Live Rear Axle w/ Coil Springs**

PRE-PURCHASE BUYER'S FIELD INSPECTION SHEET (1970–1981)

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

1. CRITICAL STRUCTURAL ROT TRAPS

LIGHTWEIGHT MONOCOQUE INTEGRITY

PASS	INSPECTION POINT	SPECIFIC WEAR INDICATOR & DEFECT SIGN
☐	**Front Strut Towers & Inner Flitches**	MacPherson strut top turrets and inner wing seams meeting bulkhead. Road spray thrown from front tyres rusts the inner wings and top spring mounting cups.
☐	**Outer Sills & Jacking Brackets**	Check boxed sills along full length and center jacking points. Internal condensation rots the strengthening membrane; look for cover sills welded over rust.
☐	**Rear 4-Link Upper/Lower Mounts**	Avenger uses modern 4-link coil-sprung rear suspension. Inspect chassis trailing arm attachment boxes; rust in floor cavities allows axle links to tear out.
☐	**Front Wing Eyebrows & Lower Apron**	Inspect headlamp cowls and lower front valance returns. Silt trapped inside front wheelarches rots the front wing eyebrows into bubbling exterior paint.

2. MECHANICAL TRIAGE & RUNNING GEAR

COLD START TO OPERATING TEMP

PASS	SYSTEM / COMPONENT	TARGET TOLERANCES & OPERATIONAL CHECKS
☐	**Rootes OHV Engine Health** **Spec: 40–50 Cold | 20+ Hot**	Iron block with wedge combustion chambers. Listen for timing chain rattle on cold crank; check oil warning light extinguishes instantly; check breather pipe for blowby.
☐	**Rootes 4-Speed Gearbox Synchros**	Short-throw manual gearbox. Check 2nd and 3rd gear synchros on rapid downshifts; baulking or gear crunching indicates worn brass synchro rings.
☐	**Rack & Pinion Steering Play** **Max Play: <0.5 inch at rim**	Avenger used rack-and-pinion steering. Check for center play, worn inner rack nylon bushes, and test track control arm rubber bushes for perished compliance.
☐	**Tiger Twin Weber 40 DCOE Setup**	If genuine Avenger Tiger: 1500GT engine tuned with twin Weber 40 DCOE carbs. Check throttle synchronization, intake manifold air leaks, and hot restart behavior.

HIGH TIGER REPLICA RISK: Only ~200 Mk1 (Sundance Yellow) & ~400 Mk2 (Wardance Red) Tigers built. Genuine Tiger chassis number begins with B351XXXXX / B352XXXXX. Check factory rear boot spoiler mounts and Restall bucket seats.

3. DEFECT LEDGER & NEGOTIATION DEDUCTIONS

UK MARKET BENCHMARKS

OBSERVED DEFECT / REQUIRED WORK	ESTIMATED UK REMEDY	DEDUCTION APPLIED
Perforated Outer Sills & 4-Link Rear Mount Welding	£850 – £1,400 (Structural sill & floor fabrication)	£
Corroded Front Strut Top Towers / Bulkhead Repairs	£750 – £1,200 (Inner wing sheet metal repair)	£
Worn 2nd Synchro / Noisy Gearbox Rebuild	£400 – £650 (Unit overhaul & clutch)	£
Worn Steering Rack, Track Control Arms & Geometry	£280 – £450 (Rack bushes, tie rods & tracking)	£
TOTAL DEDUCTIONS FROM ASKING PRICE	MAX REVISED OFFER:	£