FORD SIERRA SAPPHIRE RS COSWORTH (2WD / 4x4)

Engine: **1993cc Cosworth YBB (Red) / YBJ (Green) / YBG (Catalyst) 16V Turbo**
Transmission: **Borg-Warner T5 (2WD) / Ferguson 4WD MT75 (4x4)**

PRE-PURCHASE BUYER'S FIELD INSPECTION SHEET (1988–1993)

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

1. CRITICAL STRUCTURAL ROT TRAPS

4-DOOR EXECUTIVE MONOCOQUE INTEGRITY

PASS	INSPECTION POINT	SPECIFIC WEAR INDICATOR & DEFECT SIGN
☐	**Battery Tray & Inner Wing Flitches**	CRITICAL: Battery sits high on passenger inner wing. Acid leaks and road spray rot out the tray, dumping water directly onto the internal fusebox and ECU wiring harness.
☐	**Front Chassis Legs & Sway Bar Mounts**	Inspect front chassis rails where anti-roll bar mounts bolt in. High braking torque and road salt rot chassis legs around sway bar mounts, causing steering weave.
☐	**Outer Sills & Rear Beam Mounts**	Factory plastic side skirts trap grit and moisture. Inspect boxed sills along full length and check underfloor rear beam mounting pockets; rust causes axle detachment.
☐	**Rear Wheelarch Lips & Boot Pockets**	Check inner and outer rear wheelarch return lips. Mud traps rot the outer arch metal into blisters; lift boot carpet to inspect spare wheel well and fuel tank floor.

2. MECHANICAL TRIAGE & RUNNING GEAR

COLD START TO OPERATING TEMP

PASS	SYSTEM / COMPONENT	TARGET TOLERANCES & OPERATIONAL CHECKS
☐	**Cosworth YB Engine & Garrett Turbo** **Spec: 40–50 Cold | 25+ Hot**	Check Weber-Marelli ECU engine management on cold start. Check Garrett T3 turbo boost (0.7 bar stock). Listen for piston slap on cold idle; check for blue smoke on overrun.
☐	**Borg-Warner T5 (2WD) vs MT75 (4x4)**	2WD uses T5 manual (check 2nd/3rd synchros); 4x4 uses Ferguson planar center diff MT75 5-speed. Check for viscous coupling bind on tight turns and front diff leaks.
☐	**Teves Electronic ABS Brake System** **Warning Light: Extinguish <30s**	Turn ignition on. High-pressure electric hydraulic pump must prime and dash ABS warning light must extinguish within 30 seconds. Pumping pedal must not trigger light.
☐	**Rear Differential & Half-Shafts**	7.5" viscous limited-slip differential. Listen for diff gear whine under load; test for clicking/knocking in rear drive half-shaft CV joints on hard pull-away.

HIGH SAPPHIRE COSWORTH REPLICA RISK: Many standard 2.0 Ghia or GLS 4-doors converted to fake Cosworths. Stamped VIN on driver's inner wing (Prefix: WFOEXXGBBE...). Verify factory red top (2WD 204bhp) or green top (4x4 220bhp) engine number on V5C.

3. DEFECT LEDGER & NEGOTIATION DEDUCTIONS

UK MARKET BENCHMARKS

OBSERVED DEFECT / REQUIRED WORK	ESTIMATED UK REMEDY	DEDUCTION APPLIED
Cosworth YB Engine Teardown / Turbocharger Rebuild	£3,500 – £6,500 (Specialist Cosworth rebuild & head test)	£
Perforated Outer Sills & Rear Beam Mount Welding	£1,100 – £1,800 (Structural sill & floor fabrication)	£
4x4 MT75 Gearbox & Viscous Center Diff Overhaul	£950 – £1,500 (Transmission rebuild & center coupling)	£
Teves Electronic ABS Pump & Valve Block Overhaul	£750 – £1,200 (Hydraulic pump, accumulator & sensors)	£
TOTAL DEDUCTIONS FROM ASKING PRICE	MAX REVISED OFFER:	£