FORD CORTINA MK1

Engine: **1198cc / 1498cc Kent Pre-Crossflow**
Transmission: **4-Speed All-Synchro Manual**

PRE-PURCHASE BUYER'S FIELD INSPECTION SHEET (1962–1966)

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

1. CRITICAL STRUCTURAL ROT TRAPS

MONOCOQUE BODY INTEGRITY

PASS	INSPECTION POINT	SPECIFIC WEAR INDICATOR & DEFECT SIGN
☐	**MacPherson Strut Towers**	CRITICAL: Check top suspension mounting cups where they weld into the inner wings and bulkhead flitch panels. Stress cracks and rot cause suspension collapse.
☐	**Inner/Outer Sills & Jacking Points**	Check length of boxed sills and rear jacking points. Ensure inner floor pressings have not detached from the inner sill flange.
☐	**Rear Leaf Spring Hangers**	Inspect forward leaf spring chassis mounting pockets beneath rear seats. Perforation here lets rear axle displace and steers rear under braking.
☐	**Spare Wheel Well & Tank Flange**	Lift boot mat. Check spare wheel drop-well, fuel tank mounting lip, and rear valance seams beneath bumper brackets for road spray corrosion.

2. MECHANICAL TRIAGE & RUNNING GEAR

COLD START TO OPERATING TEMP

PASS	SYSTEM / COMPONENT	TARGET TOLERANCES & OPERATIONAL CHECKS
☐	**Kent Pre-Crossflow Oil Health** **Spec: 40–50 Cold | 20+ Hot**	1.2L / 1.5L Kent engine. Listen for dry rocker shaft clatter and timing chain rattle on cold startup. Check crankcase breather pipe for blue smoke under load.
☐	**Gearbox Synchros & Reverse**	Ford 4-speed box. Check 2nd and 3rd synchros on rapid downshifts. Test reverse under uphill load; jumping out of gear indicates worn selector dog teeth.
☐	**Steering Box & Track Rods** **Max Play: <1.0 inch at rim**	Recirculating ball steering box and center track control arm. Check for heavy center notched feeling and worn track rod end ball joints.
☐	**Rear Axle & Prop-Shaft U/Js**	Listen for clunking on pull-away and overrun whine at 50 MPH. Inspect English rear axle pinion oil seal for leaks soaking rear drums.

Aeroflow & Lotus Verification: Pre-Aeroflow (1962–64, body-color dash) vs Aeroflow (1964–66, eyeball eyeball vents). High "Lotus Cortina" replica conversion rate: verify chassis tag prefix on inner wing (Genuine Lotus begins with Z74XXXX).

3. DEFECT LEDGER & NEGOTIATION DEDUCTIONS

UK MARKET BENCHMARKS

OBSERVED DEFECT / REQUIRED WORK	ESTIMATED UK REMEDY	DEDUCTION APPLIED
Corroded Front Strut Top Towers / Bulkhead Welding	£900 – £1,600 (Jig alignment + inner wings)	£
Perforated Outer/Inner Sills & Rear Spring Hangers	£1,100 – £1,800 (Sill fabrication & paint)	£
Worn 2nd Synchro / Noisy Gearbox Rebuild	£450 – £700 (Unit overhaul & clutch)	£
Worn Steering Box, Track Arms & Front Geometry	£320 – £500 (Steering overhaul & bushes)	£
TOTAL DEDUCTIONS FROM ASKING PRICE	MAX REVISED OFFER:	£