

RETRO REEL RIDES • MASTER CHASSIS DOSSIER

CHASSIS IDENTITY, IGNITION TIMING CURVE & FLUID SPECS

SECTION 01 • PAGE 1

1. VEHICLE IDENTITY & AGREED-VALUE APPRAISAL METADATA

YEAR / MAKE / MODEL: _____ ODOMETER AT BUILD / ACQUISITION: _____

CHASSIS VIN / FRAME STAMP: _____ AGREED-VALUE INSURANCE CARRIER: _____

TRIM TAG / PAINT CODE: _____ POLICY NUMBER & VALUATION (\$): _____

2. ANALOG IGNITION TIMING CURVE & DISTRIBUTOR BENCHMARKS

SAFETY LIMIT: $\leq 38^{\circ}$ TOTAL BTDC

BASE INITIAL TIMING: _____ ALL-IN ADVANCE RPM: _____ DISTRIBUTOR ROTATION: _____

MECHANICAL ADVANCE: _____ VACUUM CANISTER (IN-HG): _____ SPARK PLUG PART #: _____

TOTAL ADVANCE ($^{\circ}$ BTDC): _____ ENGINE FIRING ORDER: _____ SPARK PLUG GAP SPEC: _____

3. FLAT-TAPPET CAM PROTECTION & LUBRICANT SPECS

TARGET: 2.0 OZ ZDDP PER QUART

CRANKCASE OIL CAPACITY (QTS): _____ TRANSMISSION FLUID SPEC: _____

OIL BRAND & VISCOSITY RATING: _____ DIFFERENTIAL GEAR OIL (GL SPEC): _____

ZDDP BOTTLE DOSAGE (OZ): _____ COOLING SYSTEM MIX & CAPACITY: _____

4. DRIVELINE GEOMETRY & CRUISING RPM BENCHMARKS

TIRE DIAMETER (INCHES): _____ REAR AXLE GEAR RATIO: _____ TOP TRANSMISSION GEAR: _____

Target Engine RPM @ 65 MPH: _____ RPM Target Engine RPM @ 75 MPH: _____ RPM

RETRO REEL RIDES • FASTENER & TORQUE REGISTER

SUB-ASSEMBLY HARDWARE INDEX & CLEAN/LUBED TORQUE VERIFICATION

SUB-ASSEMBLY / COMPONENT AREA	THREAD SIZE & PITCH	BOLT GRADE	SPECIFIED TORQUE	DONOR / NOTES

SHOP REFERENCE: FASTENER GRADE IDENTIFICATION & TORQUE DERATING

- **Grade 2:** Smooth head. Low-stress body sheet metal only.
- **Grade 5:** 3 radial lines. Brackets, intake manifold, water pump.
- **Grade 8:** 6 radial lines. Suspension, driveline, headers, bellhousing.
- * **Lubed Torque Derating Rule:** Reduce dry specified torque value by 15%–20% if using thread locker, anti-seize, or engine oil.

RETRO REEL RIDES • CUSTOM REWIRING LEGEND

HARNESS TRACING, FUSE BLOCK MATRIX & RELAY PINOUT REGISTER

CIRCUIT NAME & DESTINATION	WIRE GAUGE	BASE COLOR	TRACER STRIPE	FUSE SPEC	RELAY PINOUT

STANDARD 5-PIN BOSCH AUTOMOTIVE RELAY PINOUT REFERENCE

Pin 30: High-Current 12V+ Battery Feed

Pin 85: Relay Trigger Coil Ground (-)

Pin 86: 12V+ Ignition / Switch Trigger

Pin 87: High-Current Output to Load

* Note: Pin 87a is Normally Closed (NC) and disengages when the trigger coil (85/86) receives current.

RETRO REEL RIDES • VALUATION & PARTS DOSSIER

SOURCING LEDGER, INVESTMENT AGGREGATION & LEGAL PROOF OF PROVENANCE

DATE	VENDOR / SWAP MEET	PART DESCRIPTION & PART NUMBER	COST (\$)	VERIFIED
				[]
				[]
				[]
				[]
				[]
				[]

APPRAISAL INVESTMENT ROLLUP

INITIAL CHASSIS ACQUISITION: _____

ENGINE & INDUCTION TOTAL: _____

TRANSMISSION / DRIVELINE: _____

SUSPENSION, STEERING, BRAKES: _____

BODY, METALWORK & PAINT: _____

TOTAL APPRAISAL BASIS (\$): _____

AFFIX PHYSICAL RECEIPT / SHOP INVOICE HERE

Tape machine shop invoices, crate engine documentation, or paint work receipts here to establish legal proof of agreed valuation for insurance adjusters.