

Date 30/5/64 Event ALPINE RALLY 1964 Cat. & Group II

Car Type COOPER'S 1275 Engine No. Chassis No. Comp. No. Mechanic T EALS

AJB44B

MEPKIRK

Cylinder Block

Bore size	STD
Modified	STD
Fume pipes	STD
Camshaft	<u>AEA 648</u>
Crankshaft	STD BALANCED
Flywheel	STD BALANCED
Clutch	STD BALANCED WITH WHITE PAINT
Release bearing	STD
Bearings cam	STD
Bearings crank	STD LAND
Con rods	STD LINE UP
Pistons	STD CHECK RINGS 1 2 3 AEG 187 NO 4 AEG 188
Oil pump	STD CHECK
Oil pump drive	STD
Camshaft gear	STD
Crankshaft gear	STD
Timing chain	STD
Core plugs	<u>FIT RETAINERS</u>
Dip stick & washer	<u>PAINT WHITE</u>
Oil filter element	STD
Distributor	<u>CHECK NO 40819</u>
Ignition setting	<u>CHECK &amp; REPORT 2<sup>nd</sup> OR T.D.C.</u>
Engine rubbers	<u>HARD ONE</u>
Check Engine No. Plate	<u>YES</u>
Idler gear	STD
Primary gear	STD
Oil pressure	<u>CHECK &amp; REPORT 80-10/12</u>
Sump & protection	<u>RAF TYPE</u>
Sump plug	STD
Oil cooler	<u>ARO 9794 OR DEV 4205 WITH SPL PIPES</u>

Cylinder Head

Type	STD COOPER S12YS		
Modified	YES W/ODE GAS FLOWED & POLISHED		
Compression ratio	10:1		
Amount removed	REPORT		
Combustion space	REPORT		
Exhaust valves	STD		
Inlet valves	STD		
Top caps	STD		
Bottom caps	AEA 654		
Valve spring inner	AEA 652	REMOVE RUBBER CAP FROM VALVE GUID.	
Valve spring outer	AEA 524		
Thermostat	CHECK REPORT	FLANGE	✓
Sealing points	NIL		
Exhaust manifold	STD LINE UP		
Inlet manifold	STD POLISHED		
Plugs	1664Y		
Rocker assembly	STD		


Transmission

Gear ratios	C/R.
Gear material	SPL
Type of transmission	SPUR CUT GEARS
Sump plug	STD
Selector bars & forks	CHECK.
Dip stick	NIL
Filler cap mods.	NIL
Check oil leaks	YES
Overdrive	NIL
Gear lever	LATEST TYPE ANTI RATTLE
Drive shafts	STD FIT LATEST TYPE COUPLINGS YELLOW
Propshafts	NIL
Diff. ratio	4.133-1
Clutch adjustment	STD
Sump protection	R.A.F. TYPE
Rear axle and casing	NIL
Half shafts	NIL

Carburettors

Type of carburettors	TWO 1 1/2"
Modified	YES TO FIT COOPER S
Needles	CP4
Dash pot springs	BLUE SPRING
Dampers	.070
Air cleaners	FIT STUB PIPES
Choke cables	STD
Heat shields	NIL
Heat collecting box	NIL
Thermo heating	NIL
Induction	STD
Linkage	PEG & FORK LINE UP
Cable accel.	SPL NYLON
Float level	FIT EXTENSION'S TO FLOAT CHAMBERS
Vibration	CHECK

Chassis

Front <sup>CONES</sup> springs	STD	S	TYPE	RENEW
Rear <sup>CONES</sup> springs	STD	S	TYPE	RENEW
Packing rings	NIL			
Displacer units	NIL			
Struts front	STD	S	"	RENEW
Struts rear	STD	S	"	RENEW
anti roll bars	NIL			
Anti roll bar links	NIL			
Rear shackles	NIL			
Wishbones	STD			
Bump rubbers	STD	FIT EXTRA TO REAR		
U bolts	STD	RENEW		
Front shockers	COMPETITION. ✓			
Rear shockers	COMPETITION.			
Torsion bars	NIL			
Chassis strengthening	FIT NEW SUB FRAMES TO FRONT & REAR			
Chassis mods	NIL			
Engine mounting brkts	STD			
Shocker mounting brkts	STD	TACK WELD TOP BRACKET		
Bumpers	STD			
Jacking points	STD	CHECK FOR DAMAGE.		
Height of car	STD			
Front hubs	STD	CHECK RENEW		
Rear hubs	STD	"		RENEW
Stub axles	STD	"		RENEW.
Towing eyes	YES	FRONT & REAR		
Overriders	STD			
Radius arms	STD WITH LATEST TYPE BOLTS ✓			
Tie rods	SPLIT PIN NUTS ✓			
Lubricate	YES WELL ✓			
STEERING ARMS	FIT LATEST TYPE. (  ) ✓			

Cooling System

Type of fan	4 BLADES	✓
Type of radiator	16 GILLS PER INCH	✓
Water pump	STD	✓
Hoses	STD	✓
Fan belt	STD FIT SPARE	✓
Radiator blind	NIL	✓
Blanking	DISTRIBUTOR PROTECTION	✓
Anti freeze	NIL	✓
Rad cap	131BS	✓
Header tank	STD	✓
Temp. gauge	SPL FROM SMITHS	✓
Rad. drain plug	WIRE UP	✓
Rad. drain tap	WIRE UP <del>FIT</del> FIT PLUG	✓
Plush system	FLUSH SYSTEM	✓

Electrics

Dynamo	CYC 22746 28 AMP WITH BEARINGS
Starter	STD (RT)
Coil	HA 12
Reg. box	TO SUIT DYNAMO FIT LARGE TERMINAL COVER TO INSULATE
Battery & fixing	STD TURN ROUND
Dynamo pulley	AEA 535
Water proofing	YES MAX
Overdrive solenoid	NIL
Overdrive switch	NIL
Wiper motor	TWO SPEED
Wiper motor switch	TWO SPEED
Wiper blades & arms	RENEW WIPER ARMS & BLADES
Headlamps	SPL FITTED WITH JCDINE BULBS
Headlamp bulbs	JCDINE BULBS WITH DIP TO TWO 546F FITTED TO BOWNET
Fog lamps	TO YCC LATEST TYPE
Fog lamp switch	ONE FOR EACH LAMP
Fog lamp bulbs	WHITE
Long range lamps	ONE STD LR FITTED CENTRAL TO NEW TYPE BRACKET.
Long range switch	THREE POSITION WIRED WITH MAIN BEAM
Long range bulb	WHITE AXIAL
Reverse lamp	ONE STD FITTED TO BELT LIDE (LOW DOWN)
Reverse lamp switch	SPL WITH INDICATOR
Reverse lamp bulb	WHITE TRANSVERS
Tail lamps	STD
Stop lamps	STD
Flasher lamps	STD
Flasher switch	STD
2 pin plugs	ONE FITTED TO FARCIA
Navigators lamps	BUTLERS FLEX.
Demister bars	NIL
Lamp covers	ALL FRONT LAMPS
Horns	TWIN MIXO MINERS
Horn buttons	STD FOR DRIVER FOOT OPERATED FOR PASSENGERS
Panel lights	STD
Panel light rev. counter	STD
Panel light speedo	STD
Panel light odometer	SPL
Panel light clocks	EXTERNAL
Focus lamps	YES
Ammeter	NIL

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Battery & fixing	STD TURN ROUND	
Dynamo pulley	AEA 535	
Water proofing	YES MAX	
Overdrive solenoid	NIL	
Overdrive switch	NIL	
Wiper motor	TWO SPEED	
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Headlamp bulbs	JODINE BULBS WITH DIP TO TWO 546F FITTED TO BOWMET	
Fog lamps	TO YCC LATEST TYPE	
Fog lamp switch	ONE FOR EACH LAMP	
Fog lamp bulbs	WHITE	
Long range lamps	ONE 546LR FITTED CENTRAL TO NEW TYPE BRACKET	
Long range switch	THREE POSITION WIRED WITH MAIN BEAM	
Long range bulb	WHITE AXIAL	
Reverse lamp	ONE 546 FITTED TO RIGHT SIDE (LOW DOWN)	
Reverse lamp switch	SPL WITH INDICATOR	
Reverse lamp bulb	WHITE TRANSVERS	
Tail lamps	STD	
Stop lamps	STD	
Flasher lamps	STD	
Flasher switch	STD	
2 pin plugs	ONE FITTED TO FACIA	
Navigators lamps	BUTLERS FLEX	
Demister bars	NIL	
Lamp covers	ALL FRONT LAMPS	
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Panel light rev. counter	STD	
Panel light speedo	STD	
Panel light odometer	SPL	
Panel light clocks	EXTERNAL	
Focus lamps	YES	
Ammeter	NIL	
H/lamp flick switch	FIT	
Brake light switch	NIL	
Tail light switch	NIL	
Screen washer elec.	YES	
Headlamp washers	YES (NO)	
REVERSE BATTERY	NOT LONGER CHECK FOR CHAFING ON BODY	

Steering

Type of column	STD	CHECK BOTTOM CLAMP BOLT	✓
Type of steering wheel		WOOD RIM	✓
Steering wheel nut		CHECK & TIGHTEN	✓
Rack & pinion		SPL MARKED WITH (T)	✓
Steering arms		SPECIAL	✓
Steering idler		NIL	✓
Track arms		SPLIT PIN NUTS	✓
Camber & caster	TRACK WHEELS	1/8" TOE OUT	✓
Lubricate		YES	✓
Lock nuts		FIT CASTELLATED NUTS & SPLIT PIN	✓
Steering ratio		STD	✓
Adjustment		CHECK	✓
Line up steering wheel		YES	✓

Exhaust

Type of system		LATEST TYPE COMPETITION	✓
Type of silencer		" " "	✓
Hanging brkts		" " "	✓
Support brkt. front		" " "	✓

Petrol System

Tank		FIT TWIN TANKS	✓
Tank fixing		STD	✓
Fuel gauge		SPL FROM SMITHS STANDARD	✓
Pumps		? TWIN SPL	✓
Pipes		COVER WHERE NECESSARY	✓
Tank fillers		TWO QUICK RELEASE	✓
Tank protection		YES BOTH TANKS	✓
Pipe protection		YES	✓
Heat protection		NIL	✓
Leaks		CHECK	✓
Petrol filters		CLEAN	✓
Tank breather		HOLE IN CAP AT SIDE CHECK FOR RUBBER SEAL SWELL	✓

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Body

Drivers seat	MICROCEL	✓
Drivers harness	IRVIN FIXING EYES ONLY	✓
PASSENGER SEAT		
Passengers harness	MICROCEL MADE BY COMPETITION	✓
W/screen	IRVIN STD "LAMINATED"	✓
W/screen washers	TUDOR WITH CLEANING FLUID	✓
Sun visors	FIT STD	
Perspex windows	STD GLASS	
Snow deflector	NIL	✓
Perspex heat shield	NIL	✓
Rear window wiper	NIL	✓
Demist	STD	✓
Cold air system	STD	✓
Heater	YES CHECK FOR COMPLETE SHUT OFF	✓
Vents in wings	NIL	✓
Vents in roof	NIL	✓
Front wings	STD	✓
Rear wings	STD	✓
Doors	STD WITH TRIM	✓
Panels	STD WITH TRIM	✓
Fairings	STD	✓
Bonnet	STD WITH TRIM	✓
Bonnet fixings	STD FIX STRAP	✓
Doors for shut	CHECK	✓
Safety catches	NIL	✓
Hard top	NIL	✓
Hard top fixings	NIL	✓
Crash bars	NIL	✓
Window fixings	STD	✓
Carpets	STD WITH FELT	✓
Trim	ALL TRIM	✓
Map stowage	YES B/S DOOR	✓
Parcel shelf	STD WITH TRIM	✓
Door draughts	CHECK	✓
Water test	YES	✓
Paddings	FIT TO DOORS & LOCK	✓
Facia	ARRANGE AS INSTRUCTED SPL PANELS	✓
Switch position	ARRANGE AS INSTRUCTED	✓
Thermos	NIL	✓
Body	WELD UP BUNGE HOLES IN FLOOR	✓

Body - contd.

Registration nos.	STICK ON FARLON	✓
G.B.	YES " "	✓
Comp. Nos.	YES PAINTED	✓
Eolopress	FIT ONE IN BOOT	✓
Fire extinguisher	FIT ONE	✓
Driving mirror	STD	✓
Passengers mirror	BARNACALLE	✓
Petrol can storage	NIL	✓
Kit storage	YES AS MUCH AS POSSIBLE	✓
Scotchlite tape	YES REAR BUMPERS & DOOR STAYS	✓
Grab handles	YES ABOVE PASSENGERS DOOR	✓
Safety fast	YES	✓
Union Jacks	YES	✓
Rally plates	YES	✓

*[Handwritten signature]*

Controls

Accel. pedal	MODIFY TOE & HEEL	✓
Accel. pedal brkts.	MODIFY	✓
Accel. cable	SPL NYLON	✓
Accel. linkage	STD CHECK	✓
Brake pedal	STD	✓
Pedal box	STD	✓
Clutch pedal	STD	✓
H/Brake lever	MODC TO FLY OFF & CHECK	✓
H/Brake cables	STD	✓

Instruments

Speedo	SPL WITH TRIP FROM SMITHS	4.1 KG TARES	✓
Trip instrument	HALDA WITH MAGNIFIER	LATEST TYPE & BOX	✓
Cables	SPL 18"		✓
Halda	NIL		✓
Clocks	2 OFF		X
R/counters	10,000 REV	Smith CHECK	✓
R/counter cables	NIL		✓
Safety gauge	SPL FROM SMITHS		✓
Ignition key	TWO OFF		✓
Boot key	TWO OFF		✓
Ice thermometer	NIL		✓

Tyres & Wheels

Type of tyre	500L X 10 RB RACERS	S.P. 6	✓
Tubes	YES		✓
Spare wheels	ONE OR TWO		✓
Valve caps	YES		✓
Balance	YES		✓
Wheel	WIDE RIM		✓

Edwards

Brakes

Master cylinder	STD
Master cylinder mountings	STD
Wheel cylinders rear	BID
Wheel cylinders front	STD
Calipers front	STD CHECK.
Calipers rear	NIL
Pads front	DS II
Pads rear	NIL
Shoes front	NIL
Shoes rear	VG 95/1
Bed brakes & fade	TWO OR THREE SET.
Pipes	RUN INSIDE CAR.
Bleed	YES
Fluid	DISC
Limiting valve	325 lbs
Air cooling	NIL
Servo	YES STD
Water proofing	YES

Kit

Jack	YES 140 LB
Plug carrier	NIL
Spare coil	NIL
Wheel brace	TWO OFF SPL.
Hammer	NIL
Bulb carriers	NIL
Tyre gauge	YES
Route card holder	IF DRIVER ASK FOR IT
Helmet stowage	YES
Chains	NIL
Oil stowage	YES

Sub