



MORRIS
MINI-COOPER & COOPER 'S'

SERVICE GUIDE

ITEM	APPLICATION	GRADE	MILEAGE	REMARKS
<i>All capacities are refill quantities.</i>				
1	Engine, Gearbox and Differential (8 pints)	Summer: SHELL SUPER MOTOR OIL or SHELL X-100 30 Winter: SHELL SUPER MOTOR OIL or SHELL X-100 20W	Daily 6,000 or 6 months*	Top up if necessary Drain, flush (when oil filter service required), refill
2	Front Suspension Control Arms	SHELL RETINAX A	3,000	Gun—2 fittings
3	Rear Suspension Radius Arms	SHELL RETINAX A	3,000	Gun—2 fittings
4	Steering—Swivel Pins	SHELL RETINAX A	3,000	Gun—4 fittings
5	Handbrake Cable Guides (where lubrication required)	SHELL RETINAX A	3,000	Smear liberally
6	Handbrake Cable Pivots (where lubrication required)	SHELL SUPER MOTOR OIL	3,000	Oil can—few drops each
7	Rear Wheel Bearings (where servicing required)	SHELL RETINAX A	6,000	Remove hub caps, clean, repack, replace
8	Oil Filter	—	6,000 or 6 months	Drain, clean housing, renew element
9	Air Cleaners—Oil wetted	SHELL SUPER MOTOR OIL	3,000	Remove, wash in petrol, dry, dip in oil, drain, replace
10	Water Pump	SHELL RETINAX A	12,000	Remove plug, inject small quantity, replace plug
11	Dynamo	SHELL SUPER MOTOR OIL	6,000	Oil can—few drops
12	Carburettor Dashpots	SHELL SUPER MOTOR OIL	3,000	Top up to ½" from top
13	Distributor— —Automatic Timing Control —Cam Bearing —Cam —Contact Breaker Pivot	SHELL SUPER MOTOR OIL SHELL RETINAX A	6,000 6,000	Oil can—few drops Smear lightly
14	Speedometer Cable (where lubrication required)	SHELL RETINAX A	12,000	Remove, clean, smear lightly, replace
15	Brake and Clutch Fluid Supply Tanks	—	3,000	Top up if necessary with recommended Brake/Clutch Fluid

*3,000 miles or 3 months where single viscosity grades are used.

For information on regular maintenance jobs other than lubrication,
reference should be made to the manufacturer's instruction book.

(continued overleaf)
2/1034/B

SERVICE PERIOD SUMMARY

FREQUENCY	ITEMS REQUIRING ATTENTION
Daily	1
3,000 miles	2-3-4-5-6-9-12-15
3 months	1
6,000 miles	7-11-13
6,000 miles or 6 months	1-8
12,000 miles	10-14

TYRES

SIZE	PRESSURES (lb. sq. in.)	
	Front	Rear
5.20x10	24	22
Normal	24	24
Full Load	24	24

ENGINE ADJUSTMENTS

Valve Clearances (cold)

Inlet and Exhaust	·012"
Contact Breaker Points Gap	·014" to ·016"
Spark Plug Gap	·025"

APPROXIMATE CAPACITIES (Imperial measure)

Cooling System	
With Heater	6 1/4 pints
Without Heater	5 1/4 pints
Fuel Tanks	5 1/2 gallons

