



## SERVICE GUIDE

# MORRIS

## MINI-MINOR

ITEM	APPLICATION	GRADE	MILEAGE	REMARKS
<i>All capacities are refill quantities</i>				
1	Engine, Gearbox and Differential (8 pints) With Filter add $\frac{1}{2}$ pint	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 —Track Rods (early models only)	SHELL RETINAX A	3,000	Gun { 4 fittings 2 fittings
5	Front Drive Shaft Splines (early models only)	SHELL RETINAX A	3,000	Gun—2 fittings
6	Handbrake Cable Guides (where lubrication required)	SHELL RETINAX A	3,000	Smear liberally
7	Handbrake Cable Pivots (where lubrication required)	SHELL SUPER MOTOR OIL	3,000	Oil can—few drops each
8	Rear Wheel Bearings (where servicing required)	SHELL RETINAX A	6,000	Remove hub caps, clean, repack, replace
9	Oil Filter	—	6,000	Drain, clean housing, renew element
10	Air Cleaner—early models	—	3,000	Remove element, tap or blow clean, replace
	Later models—impregnated element	—	12,000**	Dismantle, clean, renew element
			12,000**	Dismantle, clean, renew element
11	Water Pump	SHELL RETINAX A	12,000	Remove plug, inject small quantity, replace plug
12	Dynamo	SHELL SUPER MOTOR OIL	6,000	Oil can—few drops
13	Carburettor Dashpot	SHELL SUPER MOTOR OIL	3,000	Top up to $\frac{1}{2}$ " from top
14	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
15	Speedometer Cable (where lubrication required)	SHELL RETINAX A	12,000	Remove, clean, smear lightly, replace
16	Brake and Clutch Fluid Supply Tanks	—	3,000	Top up if necessary with recomended Brake/Clutch fluid

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

\*\*More often in dusty conditions.

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

(continued overleaf)  
2/1168/B



**SERVICE PERIOD SUMMARY**

FREQUENCY	ITEMS REQUIRING ATTENTION
Daily	1
3,000 miles	3-4-5-6-7-10-13-16
3,000 miles or 3 months	1
6,000 miles	8-9-12-14
6,000 miles or 6 months	1
12,000 miles	10-11-15

**TYRES**

SIZE	PRESSURES (lb. sq. in.)	
5.20 x 10	Front	Rear
Normal	24	22
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 Tank	
Saloon	.....5 1/2 gallons
Traveller Van and Pick-up	.....6 gallons

