

SERVICING CHART

'B' RANGE ENGINES

MAINTENANCE TASKS	MAINTENANCE PERIODS				
	Refer to Chapter 5	Fire Fighting Appliances	Static Power Units	Wheeled vehicles under 7 tons unladen weight	Wheeled vehicles over 7 tons unladen weight and tracked vehicles
Check engine oil level. Fill up with engine stationary	—	Daily	8 hours	Daily	Daily
Check engine coolant level and top up as necessary	—	Daily	8 hours	Daily	Daily
Clean out oil bath air cleaners	Section 2	As determined by local operating conditions			
Check tension of generator driving belts	Section 24	3 months	125 hours	3,000 miles	2,000 miles
Change engine oil	Section 20	*3 months	*3 months or 125 hours whichever is the shorter period	3,000 miles	2,000 miles
Lubricate engine control rod joints	—	3 months	125 hours	3,000 miles	2,000 miles
Check, clean and adjust sparking plugs (unscreened) as necessary	Section 22	3 months	125 hours	3,000 miles	2,000 miles
Renew engine oil filter element	Section 20	*3 months	250 hours	6,000 miles	4,000 miles
Lubricate distributor, clean and adjust contact breaker points as necessary	Section 22	6 months	250 hours	6,000 miles	4,000 miles

*Under climatic conditions of heavy general condensation, or in hard freezing weather the period of three months should be reduced to one month.

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Check inlet and exhaust valve rocker and tappet clearances	Section 3 & 4	6 months	B40	750 hours	12,000 miles
			B60	500 hours	9,000 miles
			B80	500 hours	9,000 miles
			B81	250 hours	6,000 miles
Clean carburettor petrol filter gauzes	Section 18	6 months	500 hours	6,000 miles	2,000 miles
Lubricate non-waterproof starter motors	Section 23	6 months	500 hours	9,000 miles	6,000 miles
Lubricate non-waterproof dynamos	Section 24	6 months	500 hours	9,000 miles	6,000 miles
Lubricate coolant pumps where provision is made	—	6 months	500 hours	9,000 miles	6,000 miles
Lubricate wheelcase oil seals where provision is made	—	6 months	500 hours	9,000 miles	6,000 miles
Check general security of ancillary fittings	—	12 months	500 hours	9,000 miles	4,000 miles
Check, clean and adjust sparking plugs (screened), as necessary	Section 22	12 months	500 hours	9,000 miles	6,000 miles
Drain, flush and refill coolant system	Section 21	12 months	12 months	12 months	12 months
Tighten cylinder head nuts, with engine cool	Section 3	12 months	12 months	12 months	12 months

Source:

Rolls-Royce Motors Ltd (1967) Workshop Manual for 'B' Range Petrol Engines, Publication TSD 702