



Minor Mechanics

## **Morris Minor Design your own Service Schedule v1b.**

### **Morris Minor Design your own Service Schedule v1b.**

In this service sheet data from Morris Minor 1000 Completed Service Sheet v1a are filled in but all the 'O' have been left out for you to choose and insert what you want to service and at what mileage.

It contains the schedule option for:

3000 miles

6000 miles

9000 miles (this is the 3000 mile service again)

12000 miles

Then you start again with 3000 miles

There are two other service sheet option:

### **Morris Minor 1000 Completed Service Sheet v1a**

This service sheet has the data and Service Schedule filled in and should be suitable for most Morris Minor 1000's.

If you wish to use this as a guide firstly check that the data matches your car.

### **Morris Minor Design your own Schedule and Data Service Sheet v1c.**

Both the Schedule and Data are left blank for you to add data for your car and choose your own service requirements.

# Morris Minor Service Sheet (JPV1b)

Date		Reg	Engine Number	Chassis Number	Engine cc
Mileage					
1 = 3,000 & 9,000 Miles		2 = 6,000 miles	3 = 12,000 miles	4 = Weekly/ Run out	
1	2	3	4	<b>ENGINE BAY</b>	
				Engine oil - Drain and refill with <b>20W/50 6.5 pts (3.69 litres) including filter. 5pts (2.84 litres) without filter</b>	
				Engine oil filter - Change	
				Engine oil - Check and top up if required <b>20W/50</b>	
				Screen wash - Check and top up if required (use additive)	
				Air filter – check, change/ clean	
				Spark plugs - Check, clean, adjust <b>.025" (.64mm)</b> (Replace and adjust at 12,000 miles or if required) <b>Champion N9Y. NGK BP6ES</b>	
				Valve clearance - Check and adjust <b>(Cold) .012" (.30mm)</b>	
				Fuel filter – Check, clean or replace	
				Fuel pipes – Check condition, check for leaks and tightness of connections	
				Brake fluid – (If remote reservoir is fitted). Check and top up with the same brake fluid. Recommended <b>(DOT4)</b> . (replace fluid every 2 years)	
				Radiator antifreeze level - Test antifreeze (33%) and top up if required. <b>Capacity 9¼ pints (5½ litres) including 1 pint (½ litres) for the heater.</b> Replace every 2 years with <b>3 pints (1.7 litres) antifreeze</b> to <b>6¾ pints (3.8 litres)</b> of water	
				Distributor cap - Clean and check	
				Rotor arm - Clean and check for signs of Damage, wear and tracking	
				Distributor vacuum pipe and vacuum unit - Check for condition and function	
				Distributor contact points - Check, clean or replace and adjust	
				Distributor - Lubricate- grease cam and oil weights	
				Distributor condenser - Check, replace if needed	
				Electronic ignition – Inspect if fitted	
				Bonnet - Inspect and lubricate catch, safety catch and hinges	
				Electrical connection and fuses - Inspect/clean Spray with WD 40	
				Dynamo/alternator belt - Visually inspect and adjust if needed. Oil Dynamo	
				Coolant hoses - Visually inspect all hoses and tightness of clips	
				Oil filler cap - Check, clean (replace breather type at 12,000 miles)	
				Carburettor - Strip and clean	
				Carburettor linkage – Clean and lubricate	
				Carburettor damper - Top up <b>S.A.E. 20 oil , SU oil or if not available 20W-50</b>	
				Throttle spring – Check for wear and general condition	
				Brake pipes – Inspect for condition and leaks	
				Servo hose - Check valve, hose and tighten clips (if servo has been fitted)	
				Battery – Check, top up (deionised water), clean and lubricate terminals	
				Shock absorbers - Check and top up <b>(Hydraulic jack oil)</b>	
1	2	3	4	<b>UNDER VEHICLE</b>	
				Front wheel bearings - Check for wear (repack with grease every 2 years). Hub nut <b>torque 35 to 40 lb.ft (4.8 to 5.5 kg m.)</b>	
				Front suspension joints - Check for wear and grease	
				Front suspension bushes - Check for wear and damage	

1	2	3	4	<b>UNDER VEHICLE (continued)</b> (JPV1)
				Steering track rod ends – Check for play, rubber dust seals and grease
				Steering rack - Check for wear and gaiters for damage
				Brake pipes, metal and flexible - Check for leaks and their condition
				Fuel pipe - Check for leaks and condition
				Universal joints – Grease and check for wear
				Gearbox - Drain oil
				Handbrake cables - Check for condition. Grease at nipple and at back plate
				Clutch check – Lubricate and adjust. Check spring
				Lubricate clutch and brake pedal shaft
				Brakes - Remove road wheels and brake drums. Remove dust and check for leaks (cylinders & hub seals) and wear on brake shoes and brake drums
				Brakes – Adjust. Note: A tightly adjusted handbrake will affect your ability to get rear shoe adjustment correct. Read workshop manual (M19)
				Tyres – Check condition, tread depth and valve. (1.6mm, across the central ¼ of the tread around the complete circumference) Record tread depth below: <b>Spare ..... mm NSF ..... mm NSR .....mm OSF ..... mm OSR ..... mm</b>
				Rear axle - Check for leaks
				Rear axle - Drain oil
				Rear axle - Top up axle oil (EP90) Capacity 1½Pints (.85 litres)
				Exhaust system - Check for corrosion, leaks and damage. Check condition of exhaust mountings and clamps
				Rear springs - Check for spring condition, tightness of fixings and bushes
				Rear shock absorbers - Check for condition and top up (Hydraulic jack oil)
				Wheel nuts - Torque to 37 to 39 lb.ft. (5.1 to 5.4 kg.m.)
1	2	3	4	<b>OUTSIDE VEHICLE</b>
				Screen washers – Check they are working , clean, adjust and top up if needed
				Screen wipers – Check function, including condition of blade rubbers
				Locks, hinges and striker plates - Lubricate
				Headlamp alignment – Check and adjust
				Wheel alignment - Check and adjust. Toe in 3/32”(2.5 mm)
				Tyre pressures - <b>CROSS PLY - 2 people</b> Front and rear = 22 P.S.I. (1.52 Bar) <b>Fully loaded 4 people.</b> Front = 22 P.S.I. (1.52Bar. Rear = 24 P.S.I. (1.65 Bar) <b>RADIAL TYRES - 2 people</b> Front and Rear = 28 P.S.I. (1.93 Bar) <b>Fully loaded 4 people.</b> Front = 28 P.S.I. (1.93 Bar). Rear = 30 P.S.I. (2.06 Bar)
1	2	3	4	<b>INSIDE VEHICLE</b>
				Brake fluid - (if no remote reservoir) Check and top up with the same brake fluid (½” below threads). Recommended (DOT4) (Replace fluid every 2 years)
				Hand brake – Check and <b>only adjust if the shoes are adjust correctly</b>
				Steering rack - Lubricate (EP90 in a grease gun. Maximum of 10 pumps)
				Gearbox - Check oil level and top up 20W-50 (Capacity 2¼ Pints 1.3 litres)
				Check all electrical equipment for correct function and condition of all lenses
				Rear View mirrors – check for cracks and crazing
				Seats and seat belts - Check condition and security
1	2	3	4	<b>ENGINE BAY</b>
				Run engine to normal temperature and check for any leaks
				Ignition timing - Check and adjust
				Carburettor - Check and adjust