

HOME EDITION

MORRIS

Schedule of Repair,
Upkeep & Adjustment
Charges

MORRIS EIGHT
(Series E)



MORRIS MOTORS LIMITED
COWLEY, OXFORD

March, 1939

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MORRIS

Schedule of Repair, Upkeep and Adjustment Charges for Morris Eight Cars (Series E)

IN order that Owners of Morris cars shall know the exact cost of having executed practically any type of work to their cars, we have produced detailed schedules which show the maximum charges under their respective headings.

It must be clearly understood that the charges referred to in these schedules cover labour only and do not apply to the supply of new material, spare parts, etc., excepting the list of "Unit Repairs" on page 13. Unless instructions in writing to the contrary are given, the Dealer will fit new parts or renew old material with new where deemed to be necessary, and he is entitled to charge extra accordingly. A separate list of spare parts prices is published by the Company.

All authorised Morris Distributors and Dealers in Great Britain and Northern Ireland have agreed to honour the charges set out in this schedule. Thus the Owner of a Morris Eight can ascertain exactly how much the work is going to cost before putting the work in hand. Special prices apply in the Irish Free State.

In these schedules the various items are sectionalised into major and minor operations. Execution of a minor operation always entails the carrying out of the major operation mentioned at the head of the section. Major operations are notified by number; minor operations by letter. Thus in the first group of operations the minor item (H) (removing and fitting new tappet adjustable head) is priced at 3d., but it entails the execution of the major operation 1 (cylinder head removal and replacement), which is priced at 7s. When two or more minor operations that are dependent upon the same major operation have to be executed, the price for the complete work is quickly arrived at by adding the individual cost of the minor operations together with that of the major operation concerned.

MORRIS MOTORS LIMITED COWLEY, OXFORD

VISCOUNT NUFFIELD - - - - Chairman
OLIVER BODEN, O.B.E. - - - Vice-Chairman

MORRIS EIGHT (SERIES E)

See notes below.		DESCRIPTION OF WORK.	Cost of Labour only.
*	†		£ s. d.
		ENGINE DETAILS	
1		Cylinder head, remove and replace (includes removing and refitting dynamo and distributor)	7 0
A		Decarbonise engine	2 6
B		Exhaust and induction manifold and carburetter air silencer, remove and replace	2 6
C		Valves, remove, regrind and refit set	12 0
D		Valve, remove, regrind and refit... .. each	1 9
E		Valve guide, remove and replace (includes H) each	9
F		Ditto set	5 0
G		Tappets, adjust set	2 0
H		Tappet, adjustable head, remove and fit new each	3
I		Valve collar, cotter or spring, fit new (no charge with C, D or E) per valve	1 0
2		Cylinder head nuts, tighten set	1 3
3		Carburetter, remove and refit	2 9
A		Clean float-chamber and adjust slow running	1 6
B		Jet cork washers, fit new set and adjust	3 0
4		Carburetter, S.U., clean filter and adjust slow running ...	1 9
5		Decarbonise engine and grind-in valves, complete operation (includes items 1, 1A, 1B, 1C and 1G)	1 6 0
5a		Decarbonise engine and grind-in valves, clean and adjust spark plugs, carburetter and distributor points, and road test (also includes items 1, 1A, 1B, 1C and 1G) ...	1 13 6
6		Distributor assembly, remove and replace and retime ...	4 6
7		Engine sump, remove, clean and replace	6 0
A		Sump gaskets, fit new (includes packings)	6
B		Connecting rod and piston assembly, remove and replace each	2 3
C		Connecting rod, bearings, fit new... .. per pair	1 0
D		Gudgeon pin, fit new each	2 3
E		Piston, fit new each	2 3
F		Piston ring, fit new each	6
G		Ditto complete set	5 0
H		Oil pump assembly, remove and replace	1 3

* This column contains MAJOR OPERATIONS which are complete in themselves.

† This column denotes MINOR OPERATIONS and the item or items carried out must be charged with the MAJOR OPERATIONS to which they refer.

REPAIR AND ADJUSTMENT CHARGES

See notes below.		DESCRIPTION OF WORK.	Cost of Labour only.		
*	†		£	s.	d.
8		Exhaust pipe and silencer assembly, remove and replace	5	6	
9		Exhaust pipe to manifold gasket, fit new	1	3	
10		Fan blade, fit new	1	3	
11		Fan and dynamo driving pulley, remove and replace or fit new	2	9	
12		Fan belt, fit new	1	3	
13		Fan belt, adjust		6	
14		Ignition, fit new contact breaker points	2	9	
15		Ignition, retime only (includes a test)	4	0	
16		Ignition, high-tension cables, fit new set	2	3	
17		Petrol pipe, petrol pump to carburettor, remove and fit new	1	3	
18		Petrol pipe, petrol tank to petrol pump, remove and fit new	11	0	
19		Petrol filter in petrol pump, clean	1	0	
20		Petrol pump, remove and replace (includes removing battery)	2	3	
21		Petrol filter in carburettor, clean		6	
22		Radiator top hose, fit new	1	3	
23		Radiator bottom hose, fit new	1	3	
24		Spark plugs, remove, clean, adjust and replace ... set	2	3	
25		Tappets, adjust set	5	0	
26		Timing cover, remove and replace (includes removing radiator)	8	3	

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MORRIS EIGHT (SERIES E)

See notes below.		DESCRIPTION OF WORK.	Cost of Labour only.		
*	†		£	s.	d.
	A	Timing chain, remove and replace or fit new (includes removing engine sump and withdrawing sprockets) ...	7	9	
	B	Crankshaft or camshaft sprockets, remove and replace or fit new (no extra with A) (includes removing and replacing engine sump)	7	9	
ENGINE AND GEARBOX DETAILS					
1		Engine and gearbox unit, remove from frame and replace (original)	1	19	0
2		Engine and gearbox unit, remove from frame. Remove dynamo, self-starter, distributor, carburetter and sparking plugs, and whilst removed dismantle, thoroughly clean and fit new parts as necessary, and assemble to a reconditioned power unit, install in chassis, test and tune	3	10	0
3		Engine only, remove from frame. Remove dynamo, self-starter, distributor, carburetter and sparking plugs, and whilst removed dismantle, thoroughly clean, and fit new parts as necessary, and assemble to a reconditioned engine, install in chassis, test and tune	3	5	0
4		Gearbox only, remove and replace	1	2	0
	A	Clutch dismantle, fit new parts as necessary and reassemble ...	5	0	
	B	Clutch plate, fit new (no extra with A)	3	0	
	C	Fit new thrust block	1	3	
5		Clutch pedal, adjust	2	3	
STEERING GEAR AND FRONT AXLE					
1		Front axle assembly, remove and refit (includes bleeding of brakes and retracking front wheels)	13	3	
	A	Dismantle, clean and reassemble, including wheel bearings ...	13	3	
2		Draglink, remove, dismantle, clean and reassemble ...	3	4	
3		Front hub, remove and refit each	2	9	
	A	Dismantle, clean and reassemble each	2	3	

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REPAIR AND ADJUSTMENT CHARGES

See notes below.		DESCRIPTION OF WORK.	Cost of Labour only.
*	†		£ s. d.
4		Front spring, remove and refit each	5 6
	A	Dismantle, clean, grease and reassemble, including the fitting of any new leaves per spring	2 9
5		Line up wheel track	2 9
6		Line up front wheels and test alignment of all four wheels	5 0
7		Steering column and gearbox assembly, remove and refit (includes removing wing)	1 5 0
	A	Dismantle, clean, reassemble and adjust (including controls)	11 0
8		Steering drop arm, fit new	2 6
9		Steering track rod, ball joints, fit new parts and line up wheels	5 0
10		Steering arm, fit new (includes retracking front wheels)	6 0
11		Stub axle, dismantle, fit new pin and bushes... .. each	11 0
12		Ditto both sides	1 0 0
13		Stub axle, fit new each	9 0
REAR AXLE			
1		Rear axle assembly, remove from frame and refit (includes bleeding of brakes)	17 9
2		Rear axle, remove from frame, completely dismantle, fit new parts where necessary, reassemble and adjust (includes bleeding of brakes)	2 4 0
3		Drive gear pinion and differential housing assembly, remove from axle housing, clean and replace ...	17 9
	A	Drive gear and pinion, fit new pair and adjust	9 0
	B	Pinion sleeve and bearing assembly, dismantle, fit new parts as necessary and reassemble	5 0

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MORRIS EIGHT (SERIES E)

See notes below.		DESCRIPTION OF WORK.	Cost of Labour only.
* †			£ s. d.
4		Propeller shaft, remove and refit or fit new	9 6
5		Hub with axle shaft, fit new	2 6
6		Hub bearing, remove and refit or fit new	4 6
7		Rear axle housing, fit new as supplied from Works (includes bleeding of brakes)	1 13 0
8		Rear springs, remove and refit each	6 9
A		Dismantle spring, clean, grease and reassemble, including the fitting of any new leaves per spring	3 4
BRAKES			
1		Brakes (hand and foot), adjust and balance	5 0
2		Brakes (hand and foot), rear, adjust and balance	3 4
3		Brakes, bleed set	5 0
4		Brake master cylinder, remove and refit and bleed set	10 0
5		Brakes, foot, front and rear, adjust	3 4
6		Brake-drum, remove, true up in lathe and refit each	6 9
7		Brake-drum, remove and refit or fit new each	2 3
8		Brake cable assembly (hand), fit new, includes adjustment each	8 6
9		Brakes, rear, reline, complete operation (including hand and foot adjustment)	17 8
10		Brakes, front and rear, reline and adjust (including hand brake adjustment)	1 14 0
11		Brakes, front, reline both sides (including adjustment)	16 6
12		Brakes, front or rear, remove drums, clean and rough up liners and reassemble per wheel	4 6

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REPAIR AND ADJUSTMENT CHARGES

See notes below.		DESCRIPTION OF WORK.	Cost of Labour only.
*	†		£ s. d.
GENERAL CHASSIS DETAILS			
1		Bumper bar, front or rear, remove and refit ... each	2 3
2		Chassis frame, remove and refit or fit new (includes body)	8 16 0
3		Headlights, re-focus ... both lamps	4 0
4		Petrol tank, remove and replace	7 3
5		Radiator, remove and refit, or fit new assembly	5 6
6		Radiator, remove shell and refit, or fit new	2 3
7		Speedometer cable and casing complete, remove and fit new	4 6
8		Speedometer cable (inner only), fit new	2 0
9		Test car on road, report on condition when no work is to be carried out	4 6
ELECTRICAL DETAILS			
1		Battery, fill with distilled water	6
2		Battery, examine, clean terminals and fill with distilled water	1 3
3		Battery, remove and fit replacement	1 9
4		Battery fixing bolts, fit new ... each	1 3
5		Battery cable lug, fit new ... each	2 9
6		Coil, remove and replace or fit new	1 9
7		Cut-out and fusebox, remove and refit	4 6

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MORRIS EIGHT (SERIES E)

See notes below.		DESCRIPTION OF WORK.	Cost of Labour only.		
*	†		£	s.	d.
8		Dynamo, remove and refit	2	3	
	A	Bearing, commutator end, fit new (including cleaning machine)	6	3	
	B	Ball race, driving end, fit new (including cleaning machine)	6	9	
	C	Bearings, both ends, fit new (including cleaning machine) ...	9	0	
	D	Commutator, clean between segments and polish	4	0	
9		Dynamo, re-bed brushes set	3	6	
10		Dynamo, re-bed brushes, clean commutator between segments and polish	5	0	
11		Dynamo, remove and fit replacement	5	0	
12		Head lamp assembly, remove, fit new and focus ... each	4	6	
13		Instrument panel, release for attention to instruments and refit	4	6	
	A	Oil pressure gauge, remove and refit	6		
	B	Petrol gauge indicator, remove and refit	6		
	C	Switch unit, remove and refit	4	6	
14		Petrol gauge tank attachment, remove and fit replacement (includes draining tank and setting float) ...	5	0	
15		Starter switch, remove and replace or fit new	2	3	
16		Starter motor, remove and replace	4	6	
	A	Starter motor, fit new brushes and clean machine	6	9	
17		Wiring, remove main harness assembly and fit new ...	2	15	0
18		Windscreen wiper, remove and fit replacement	5	0	
BODYWORK DETAILS					
1		Body holding-down bolts, tighten set	4	6	
2		Bonnet lock, remove and fit new each	1	3	
3		Door check, remove and fit new each	2	3	

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REPAIR AND ADJUSTMENT CHARGES

See notes below.		DESCRIPTION OF WORK.	Cost of Labour only.
*	†		£ s. d.
4		Door-window glass, remove and fit new each	7 9
5		Door-window winder, chain and cable assembly (front), fit new and adjust	6 6
6		Door-window winder assembly (rear), remove and fit new each	4 6
7		Quarter-light glass, fit new each	6 9
8		Rear light glass, fit new	13 6
9		Front wing, remove and fit new (includes reconnecting head and sidelamp wires and re-focussing headlamps) each	13 0
10		Rear wing, remove and fit new each	9 0
11		Windscreen complete, remove and refit or fit new ...	6 9
12		Windscreen glass, fit new... ..	13 3
ACCESSORIES			
1		Electric horn, remove and fit replacement	1 9
2		Shock absorber, Armstrong hydraulic, top-up with fluid complete set	4 6
3		Shock absorber, Armstrong hydraulic, remove and refit or fit new each	2 3
4		Speedometer head, remove and fit replacement	2 6
LUBRICATION DETAILS			
1		Chassis nipples and wheel hubs, lubricate set	2 9
2		Chassis details, lubricate throughout, including item No. 4	4 6
3		Drain oil from engine, gearbox and rear axle and refill...	4 0

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MORRIS EIGHT (SERIES E)

See notes below.		DESCRIPTION OF WORK.	Cost of Labour only.		
*	†		£	s.	d.
4		Drain oil from engine and gearbox and refill	1	9	
5		Drain oil from engine and refill	1	3	
6		Engine, gearbox and rear axle, examine oil levels and fill to correct levels	1	9	
7		Speedometer casing, disconnect, lubricate and refit ...	2	0	
8		Spring shackles only, lubricate	1	3	
9		Steering gear and joints, lubricate	1	3	

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REPLACEMENT, FACTORY RECONDITIONED UNITS

Many Owners who use their cars continuously, cannot conveniently afford to have their vehicles off the road during the time normally required to undertake comprehensive overhauls, and for their convenience and in order to render prompt service, Morris Motors Limited offer under the Morris Universal Service Scheme to send immediately on receipt of order, Factory thoroughly reconditioned Replacement Units, at standard charges as under, subject to the original units being returned to the Works intact and with no major components damaged or broken.

Alternatively Owners' original Units can be reconditioned under this Scheme, in which case the order should be specially endorsed accordingly.

£ s. d.

Specification of Engine Overhaul. Stripping engine, reboring cylinders, fitting new pistons, rings and gudgeon pins, regrinding crankshaft, fitting new bearings, thoroughly reconditioning and fitting new parts where necessary, including clutch, reassembling and testing 11 0 0

Note. In cases where it is found necessary to fit a replacement cylinder block, where the original has been damaged due to accident, frost, or will not clean up under .050" oversize, an additional charge of £7 will be made.

All reconditioned power units are modernised as far as is practicable.

All Electrical equipment and external components such as carburetter, air cleaner, etc., are excluded, and these parts should after any necessary attention be transferred to the replacement unit.

Specification of Gearbox Overhaul. Completely stripping, thoroughly reconditioning, fitting new parts where necessary, reassembling and testing 4 10 0

Every unit reconditioned at the Morris Works under this Scheme is guaranteed for a period of six months.

Reboring Cylinder Block and supplying and fitting new piston assemblies 3 0 0

Note. Cylinder blocks must be sent stripped of all parts, otherwise additional charges will be incurred in dismantling.

Crankshaft. Regrinding, including the supply of new main and big end bearings 3 0 0

FRONT AXLE BEAM straightening 1 7 6

Note. Axle beams are reconditioned under correct heat treatment, and can only be accepted provided they are not more than three inches out of alignment.

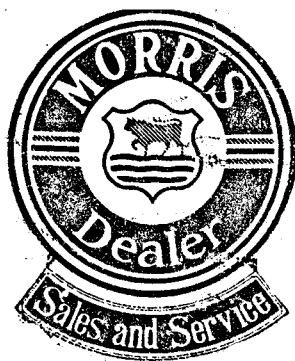
Radiator, supplying and fitting new centre 3 0 0

The above charges are all ex Works, and do not include the cost of removal from or refitting to the Owner's car. Carriage charges to and from the Works are extra, but an allowance of half carriage can be claimed from the Railway Company in respect of the "Forward" journey to Cowley, provided the original and replacement units are both consigned by the same route, at goods rates, Ireland excluded.

With the exception of Radiator repairs, which are dealt with at the Official Radiator Repair Stations, the above overhauls are carried out by Morris Motors Limited, and orders quoting Model, engine and chassis numbers should be sent, preferably through a Morris Distributor or Dealer, addressed to Morris Motors Ltd., Service (Technical) Department, Cowley, Oxford.

The above prices are based on current costs of manufacture and are subject to alteration, if necessary, without notice.

Wherever you see this sign



you can be sure to obtain

GENUINE
MORRIS SPARE PARTS

and

SPECIALISED
MORRIS SERVICE