



HOME EDITION

MORRIS

Schedule of Repair,
Upkeep & Adjustment
Charges for Morris
Ten-Four & Twelve-
Four Cars
(Series II)

AUGUST, 1935

MORRIS MOTORS LIMITED
COWLEY, OXFORD





REPAIR AND ADJUSTMENT CHARGES

| | | DESCRIPTION OF WORK. | Cost of Labour only. |
|----|---|--|----------------------|
| | † | | £ s. d. |
| | | ENGINE DETAILS | |
| 1 | | Cylinder head with manifold, etc., remove and replace | 8 0 |
| | A | Decarbonise engine | 2 0 |
| | B | Valves, regrind set | 12 0 |
| | C | Valve, regrind each | 1 0 |
| | D | Valve guide, remove and fit new (extra to B or C) each | 6 |
| | E | Ditto set | 3 0 |
| | F | Valve collar, cotter or spring, fit new (no extra with B or C) per valve | 1 0 |
| | G | Tappets, adjust set | 2 6 |
| | H | Fan bracket, fit new (includes belt adjustment) ... | 2 0 |
| 2 | | Decarbonise engine and grind-in valves, complete operation (includes items 1, 1A, 1B and 1G) ... | 1 5 0 |
| 3 | | Cylinder head nuts, tighten set | 1 0 |
| 4 | | Cylinder side plate, fit new gasket (no extra with 1B, 1C, 1G, 2 or 31) | 6 |
| 5 | | Distributor unit, remove and replace or fit replacement and retime | 2 6 |
| 6 | | Ignition high-tension cables, fit new ... set | 2 0 |
| 7 | | Ignition coil, fit new | 1 0 |
| 8 | | Ignition, retime only (includes a test) | 3 0 |
| 9 | | Contact breaker points, fit new and adjust | 2 6 |
| 10 | | Carburetter, S.U., adjust slow-running | 1 6 |
| 11 | | Carburetter, remove and refit | 1 6 |
| | A | Clean float-chamber and adjust slow-running (S.U.) | 1 0 |
| | B | Jet cork washers, fit new set and adjust (S.U.) ... | 2 6 |
| 12 | | Engine sump, remove and replace (leaving engine in frame) | 4 6 |
| | A | Sump gauze tray, remove, clean sump tray and replace | 1 0 |
| | B | Connecting rod and piston assembly, remove and replace (no extra with C or D) | 1 6 |
| | C | Connecting rod, fit new (includes fitting piston) ... | 3 6 |
| | D | Connecting rod big-end bearing, take up play each | 3 6 |
| | E | Gudgeon pin, fit new (extra to B, C or D) ... each | 1 6 |
| | F | Piston, fit new (extra to B, C or D) ... each | 1 6 |
| | G | Piston ring, fit new (extra to B, C or D) each | 6 |
| | H | Ditto (complete set) | 4 0 |
| | I | Main bearings, take up play in set | 10 0 |
| 13 | | Exhaust and induction manifold, remove and replace | 2 0 |
| | A | Exhaust manifold, fit new gasket (no extra). | 4 6 |
| 14 | | Exhaust assembly, remove and refit | 4 6 |
| 15 | | Fan, remove, dismantle, clean and refit | 3 6 |
| | A | Fan bearing, fit new (no extra). | 1 0 |
| | B | Fan body, fit new (no extra). | 6 |
| | C | Fan spindle, fit new | 1 0 |
| 16 | | Fan belt, adjust (no extra with 15, 15A, 15B or 15C) | 6 |
| 17 | | Fan belt, fit new (no extra with 15, 15A, 15B or 15C) | 1 0 |
| 18 | | Fan driving pulley, fit new | 2 0 |
| 19 | | Oil pump, remove, clean and refit (includes retiming ignition) | 5 6 |
| 20 | | Oil gauge pipe assembly, fit new | 2 0 |
| 21 | | Petrol pipe, petrol pump to carburetter, remove and fit new | 1 0 |

REPAIR AND ADJUSTMENT CHARGES

| | | DESCRIPTION OF WORK. | Cost of Labour only. |
|----|---|---|----------------------|
| | † | | £ s. d. |
| 22 | | Petrol pipe, petrol tank to petrol pump, remove and fit new | 8 0 |
| 23 | | Petrol filter in petrol pump, clean | 1 0 |
| 24 | | Petrol pump, remove and replace | 2 0 |
| 25 | | Petrol filter in carburetter, clean | 6 |
| 26 | | Radiator, remove and refit, or fit new | 5 0 |
| 27 | | Radiator top hose, fit new (no extra with 26) ... | 1 0 |
| 28 | | Radiator bottom hose, fit new (no extra with 26) ... | 1 0 |
| 29 | | Radiator tap, fit new | 6 |
| 30 | | Sparkling plugs, remove, clean and adjust ... set | 2 0 |
| 31 | | Tappets, adjust (includes removing and replacing manifold) | 4 0 |
| 32 | | Timing cover, remove and replace (includes removing radiator) | 8 0 |
| | A | Timing chain, fit new (includes withdrawing both sprockets and retiming) | 4 0 |
| | B | Timing chain cover gasket, fit new (no extra). | 6 |
| | C | Timing cover oil retaining felt, fit new | 6 |
| | | ENGINE AND GEARBOX | |
| 1 | | Clutch pedal, adjust | 2 0 |
| 2 | | Engine and gearbox unit (power unit), remove from frame and replace | 1 17 6 |
| 3 | | Gearbox only, remove from frame and replace ... | 1 4 0 |
| | A | Clutch, dismantle completely, clean and re-assemble | 6 0 |
| | B | Clutch plate, fit new (no extra with A) | 4 0 |
| | C | Clutch withdrawal race, fit new (extra to 3) | 2 0 |
| | D | Gears, dismantle, clean and reassemble | 12 0 |
| | | STEERING GEAR AND FRONT AXLE | |
| 1 | | Brakes, foot, front and rear, adjust | 3 0 |
| 2 | | Brakes, hand and foot, adjust | 4 0 |
| 3 | | Brakes, bleed set | 4 0 |
| 4 | | Brake-drum, remove and refit or fit new ... each | 2 0 |
| | A | Drum and brake mechanism, clean and rough up liners, both sides | 3 0 |
| | B | Brake-shoes, remove, clean and refit each side | 2 0 |
| | C | Brake-shoes, reline (extra to B and item 1) per pair of shoes | 2 6 |
| | D | Lockheed wheel cylinder (extra to B and item 3), remove and replace | 1 0 |
| 5 | | Draglink, remove, dismantle, clean and reassemble | 3 0 |
| 6 | | Front axle assembly, less road springs, remove and refit (includes bleeding of brakes and retracking front wheels) | 12 6 |
| | A | Dismantle, clean and reassemble (including wheel bearings) | 12 0 |
| | B | Stub axle, fit new swivel pin and bushes (extra to A) each stub axle | 4 0 |



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

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MORRIS

Schedule of Repair, Upkeep and Adjustment Charges for Morris Ten-Four and Twelve-Four Cars (Series II)

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IN order that all 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 exact costs 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 "Special Repairs" on page 11. 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 Ten-Four or Twelve-Four (Series II) 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 (C) (regrinding a valve) is priced at 1s. 9d., but it entails the execution of the major operation 1 (cylinder head removal and replacement), which is priced at 8s. 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

LORD NUFFIELD - - - Chairman
 L. P. LORD - - - Managing Director



REPAIR AND ADJUSTMENT CHARGES

REPAIR AND ADJUSTMENT CHARGES



| | DESCRIPTION OF WORK. | Cost of Labour only. | | |
|------------------|---|----------------------|----|----|
| | | £ | s. | d. |
| † C | Steering arm ball and/or ball seats, fit new (extra to A) each arm | 1 | 0 | |
| D | Brake-shoes, reline both pairs of shoes (extra to A) | 4 | 0 | |
| E | Brake-drums, true-up in lathe each | 4 | 0 | |
| F | Wheel stud, fit new | 1 | 6 | |
| 7 | Front hub, remove and refit (no extra with 6A) each | 2 | 6 | |
| A | Dismantle, clean and reassemble (no extra with 6A) each | 2 | 0 | |
| B | Wheel stud, fit new | 1 | 6 | |
| C | Wheel bearings and/or felt, fit new | 2 | 0 | |
| D | Brake-shoes, remove, reline and refit | | | |
| | per each pair of shoes | 3 | 0 | |
| E | Brake-drum, true-up in lathe each | 4 | 0 | |
| F | Brakes, readjust front and rear foot brakes ... | 3 | 0 | |
| 8 | Front wheel brakes, reline both sides, including adjustment | 15 | 0 | |
| 9 | Front wheel brakes, remove drums, clean and rough up liners, and reassemble | 7 | 0 | |
| 10 | Front spring, remove and refit | 4 | 0 | |
| A | Dismantle, clean, grease, and reassemble (including the fitting of any new leaves) ... per spring | 2 | 6 | |
| B | Reset spring to standard camber (including the fitting of the necessary parts. This includes A.) per leaf | 1 | 0 | |
| 11 | Line up wheel track | 2 | 6 | |
| 12 | Line up front wheels and test alignment of all four wheels | 4 | 6 | |
| 13 | Spring shackle bolts, fit new (no extra with 10) per spring | 2 | 6 | |
| 14 | Spring shackle, front, and/or bolts, fit new, per spring | 2 | 0 | |
| 15 | Spring "U" bolts, fit new each | 1 | 0 | |
| 16 | Spring "U" bolts and shackles, tighten and adjust per spring | 2 | 0 | |
| 17 | Steering column and gearbox assembly, remove and refit | 7 | 6 | |
| A | Dismantle, clean and reassemble and adjust (including controls) | 10 | 0 | |
| 18 | Steering lever, fit new | 2 | 6 | |
| 19 | Steering lever ball and/or ball seats, fit new ... | 1 | 6 | |
| 20 | Steering arm ball and/or ball seat, fit new each arm | 1 | 6 | |
| 21 | Ditto both arms | 3 | 0 | |
| 22 | Steering arm N/S, fit new (including retracking wheels) | 4 | 0 | |
| 23 | Ditto O/S (including retracking wheels) ... | 4 | 6 | |
| 24 | Stub axle, dismantle, fit new pin and bushes each | 10 | 0 | |
| 25 | Ditto both sides | 18 | 0 | |
| 26 | Stub axle, fit new each | 8 | 0 | |
| 27 | Track rod, dismantle, clean, refit and line up wheels | 3 | 6 | |
| REAR AXLE | | | | |
| 1 | Brake-drum, remove and refit or fit new ... each | 2 | 0 | |
| A | Brake-drum and brake mechanism, clean and rough up liners, both sides | 3 | 0 | |
| B | Brake-shoes, remove, and clean and refit each side | 2 | 0 | |

| | DESCRIPTION OF WORK. | Cost of Labour only. | | |
|--------------------------------|--|----------------------|----|----|
| | | £ | s. | d. |
| † C | Brake-shoes, reline (extra to B and E) per each pair shoes | 2 | 6 | |
| D | Brake-drum, true-up in lathe each | 4 | 0 | |
| E | Brakes, foot, front and rear, adjust | 3 | 0 | |
| F | Brakes, hand, adjust | 2 | 0 | |
| G | Hub and half axle shaft, remove, clean and refit | 1 | 6 | |
| H | Hub bearing, bearing housing or felt washer (extra to H), fit required new parts ... each side | 1 | 6 | |
| I | Hub, fit new (extra to G) | 2 | 0 | |
| J | Half axle shaft (extra to G, but no extra charge with I) each | 2 | 0 | |
| K | Lockheed wheel cylinder, remove and replace (extra to B and item No. 6) | 1 | 0 | |
| L | Wheel stud, fit new (without H) each | 3 | 6 | |
| M | Wheel stud, fit new (with H) | 1 | 6 | |
| 2 | Brake cable (hand), fit new (includes adjustment) each | 7 | 0 | |
| 3 | Brakes, rear, reline, complete operation | 15 | 0 | |
| 4 | Brakes (hand and foot), adjust and balance (no extra with 3) | 4 | 0 | |
| 5 | Brakes, rear only, adjust and balance (no extra with 3) | 3 | 0 | |
| 6 | Brakes, bleed set | 4 | 0 | |
| 7 | Drive gear pinion and differential housing assembly, remove from axle housing, clean and replace ... | 12 | 0 | |
| A | Drive gear and pinion, fit new pair and adjust ... | 6 | 0 | |
| B | Pinion sleeve and bearing assembly, dismantle, fit new parts as necessary and reassemble ... | 3 | 6 | |
| C | Differential housing bearing, fit new (extra to A and B) | 1 | 0 | |
| 8 | Propeller shaft assembly, remove and refit | 8 | 0 | |
| 9 | Rear axle assembly, remove from frame and refit (includes bleeding of brakes) | 14 | 0 | |
| 10 | Rear axle, remove from frame, dismantle differential and drive gear pinion assembly, fit new parts as necessary, adjust and refit (includes bleeding of brakes) | 1 | 12 | 6 |
| 11 | Rear axle housing, fit new as supplied from Works, (includes bleeding of brakes) | 1 | 8 | 0 |
| 12 | Rear springs, remove and refit | 4 | 0 | |
| A | Dismantle spring, clean, grease and reassemble (including the fitting of any new leaves or bolts) per spring | 4 | 0 | |
| B | Dismantle spring, clean, reset to standard camber (including the fitting of any new parts), grease and reassemble (includes A) ... per leaf | 1 | 0 | |
| 13 | Rear spring shackle bolts, front end, fit new (no extra with 12) | 2 | 0 | |
| 14 | Rear spring shackle bolts, rear end, fit new (no extra with item 12) | 1 | 0 | |
| 15 | Spring "U" bolts, tighten both spring sets ... | 2 | 0 | |
| 16 | Spring "U" bolts, fit new per spring | 1 | 6 | |
| GENERAL CHASSIS DETAILS | | | | |
| 1 | Battery fixing bolt, fit new each | 1 | 0 | |
| 2 | Brakes (hand and foot), adjust and balance ... | | | |



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REPAIR AND ADJUSTMENT CHARGES

Table with columns: DESCRIPTION OF WORK, Cost of Labour only. Includes items like Brakes, Headlights, Tyres, and ELECTRICAL DETAILS.

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REPAIR AND ADJUSTMENT CHARGES



Table with columns: DESCRIPTION OF WORK, Cost of Labour only. Includes items like Dynamo connections, Headlamps, Ignition, and BODYWORK.

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REPAIR AND ADJUSTMENT CHARGES

REPAIR AND ADJUSTMENT CHARGES



| DESCRIPTION OF WORK. | | Cost of Labour only. |
|----------------------------|---|----------------------|
| | | £ s. d. |
| ACCESSORIES | | |
| 1 | Air cleaner, remove, clean and refit | 2 0 |
| 2 | Electric horn, remove and refit | 1 0 |
| 3 | Hydraulic jack, remove and refit each | 2 0 |
| 4 | Hydraulic jack, distributor box assembly, remove and refit | 4 0 |
| 5 | Hydraulic jack fluid tank assembly, remove and refit | 1 6 |
| 6 | Lockheed brake fluid supply tank, remove and fit new | 1 6 |
| 7 | Shock absorber (Armstrong), remove and refit each | 2 0 |
| 8 | Ditto adjust complete set and top-up fluid ... | 4 0 |
| 9 | Speedometer (see Instruments, under Elec. Details). | |
| 10 | Petrol pump, remove and refit or fit replacement ... | 2 0 |
| 11 | Windscreen wiper, remove and fit replacement ... | 4 6 |
| LUBRICATION DETAILS | | |
| 1 | Chassis nipples and wheel hubs, lubricate | 2 6 |
| 2 | Chassis details, lubricate throughout when including items 4 and 7 | 6 0 |
| 3 | Drain oil from engine and refill | 1 0 |
| 4 | Drain oil from engine and gearbox and refill ... | 1 6 |
| 5 | Drain oil from engine, gearbox and rear axle, and refill | 3 6 |
| 6 | Engine, gearbox and rear axle, examine oil levels and top-up | 1 0 |
| 7 | Rear axle, drain oil and refill | 2 0 |
| 8 | Road springs, spray with oil | 2 0 |
| 9 | Speedometer casing, disconnect, lubricate and refit | 2 6 |
| 10 | Spring shackles only, lubricate | 1 0 |
| 11 | Steering gear and joints, lubricate | 1 0 |

| SPECIAL REPAIRS | | £ s. d. |
|--|---|---------|
| The charge for the following items includes the supplying and fitting of new parts but does not include the cost of removal from, or the refitting to car. | | |
| 1 | Chassis frame, straightening and fitting one new side member | 10 12 6 |
| 2 | Radiator, fitting new centre | 3 15 0 |
| 3 | Rebore cylinders and fit new pistons, rings and gudgeon pins Ten-Four | 4 2 0 |
| 4 | Ditto Twelve-Four | 4 10 0 |
| 5 | Regrind crankshaft, includes supplying new undersized main bearings and re-metalling connecting rods Ten-Four | 4 0 0 |
| 6 | Ditto Twelve-Four | 4 10 0 |
| 7 | Overhauling power unit, i.e. engine, clutch and gearbox, less all proprietary fittings ... Ten-Four | 16 0 0 |
| 8 | Ditto Twelve-Four | 18 10 0 |
| 9 | Overhauling power unit, i.e. engine, clutch and gearbox, less all proprietary fittings. When replacement cylinder block is required, Ten-Four | 25 10 0 |
| 10 | Ditto Twelve-Four | 29 10 0 |
| 11 | Overhauling gearbox ... Ten-Four and Twelve-Four | 4 10 0 |
| 12 | Resetting front axle ... Ten-Four and Twelve-Four | 1 12 6 |
| <p><i>Note.—With the exception of radiator repairs, item 2, which are dealt with at the official radiator repair stations, the above prices are for overhauls carried out by Morris Motors Limited. The carriage on above to and from the Works is extra to prices quoted.</i></p> | | |



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