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*Walker Collection*



**ALVIS**

Catalogue of Spare Parts

for

**ALVIS S.B. 19.82**

**"SPEED TWENTY"**

**CARS**

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**Alvis Car & Engineering Co. Ltd.**  
**HOLYHEAD ROAD**  
**COVENTRY**

Telegrams:  
ALVIS COVENTRY

Telephone:  
COVENTRY 206

**LONDON SERVICE and REPAIRS:**  
**JUBILEE PLACE, KING'S ROAD, S.W.3**

Telephone: "Flaxman," 6642 (3 lines)

## Catalogue of Spare Parts

for

# ALVIS S.B. 19.82

## "SPEED TWENTY" CARS

♦♦♦♦

Owner's Name.....

Address.....

Registered No..... Car No.....

Frame No..... Engine No.....

Coachbuilder.....

Address.....

Type of Body.....

## Instructions to Owner

♦♦♦♦

When ordering parts please state clearly—

- 1.—Your Car Number and Type.
- 2.—Engine, Steering, or other number if instructions state so.
- 3.—Name and Address to which Spare Parts are to be sent.
- 4.—Whether parts are being claimed under guarantee.

If the part required has a Spare Part Number, please state this. It will greatly assist the ALVIS Service Department and save unnecessary correspondence and delay. If the part required has no Spare Part Number, please describe it exactly as given in the Catalogue.

Where there is an off-side and near-side part please state which is required.

For simplicity in finding the part required, the Catalogue has been divided into various components.

TERMS.—Cash with order, unless purchaser has already a credit or deposit account with the Company. Otherwise, where remittance is not sent goods will be invoiced *pro forma*. Goods can also be sent C.O.D., by post, passenger or goods train.

All communications regarding Spare Parts, and all parts returned for repair or replacement, must be addressed to—

ALVIS CAR & ENGINEERING CO., LTD.,  
THE SERVICE DEPARTMENT,  
WAVELEY ROAD, COVENTRY.

Or to—

ALVIS CAR & ENGINEERING CO., LTD.,  
THE LONDON SERVICE DEPOT,  
JUBILEE PLACE, KING'S ROAD, S.W.3.

The Car Number will be found on the Lubrication plate on the dashboard.

The Chassis Number is stamped on the dash plate alongside the steering column.

The Engine Number is stamped on the Timing Case at the rear end of Engine.

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# Catalogue of Spare Parts

ALVIS S.B. 19.82.

## Cylinder.

Part No.	Description	No. per Car	Price each £ s. d.
10820	Cylinder Block, tapped and studded, 73m/m bore..	1	20 15 0
11474	" Head, tapped and studded	1	22 5 0
—	" Block, completely fitted, with Cylinder Head, Valves, Spring, Water Pipes, Covers, etc...	1	60 0 0
9944	Joint Washer for Cylinder to Crankcase .. .. .	1	4 0
12072	Compression Plate .. .. .	1	5 9
11022	Cylinder Head Gasket .. .. .	1	4 0
11231	Stud for Cylinder Head (long) with Nut and Plain Washer .. .. .	10	9
3332	" (short) with Nut and Plain Washer .. .. .	11	4
11290	Piston, only, 73 m/m diameter .. .. .	6	14 0
9544	" Ring .. .. .	12	1 6
9545	" Scraper Ring .. .. .	6	1 10
—	" fitted with Rings .. .. .	6	1 5 0
—	" fitted with Gudgeon Pins and Rings .. .. .	6	1 7 6
9543	Gudgeon Pin .. .. .	6	2 6
11145	Water Transfer Cover .. .. .	1	7 6
5613	" Joint Washer.. .. .	1	6
—	Transfer Cover Bolt (long) with Plain Washer, 1" x 1 1/2" .. .. .	4	4
—	" (short), 1" x 1" .. .. .	2	2
12626	Water Outlet Pipe for Head .. .. .	1	9 6
5512	" Joint Washer .. .. .	1	5
—	" Stud with Nut and Plain Washer, 3/8" x 1/2" .. .. .	4	4
5597	Valve Gear Cover with Joint Washer fitted.. .. .	1	2 8 0
12834	Joint Washer .. .. .	1	2 0
10127	" " Stud .. .. .	3	2
11733	" " Nut with Spring Ring .. .. .	3	3 0
6920	" " Spring Ring .. .. .	2	2
—	High Tension Cable, complete set, with Terminals fitted.. .. .	1	5 6
8309	" " Carrier .. .. .	1	5 0
8335	" " " Clip .. .. .	2	4
6753	" " " Stud, with Nut and Spring Washer .. .. .	2	7
—	Sparking Plug, Champion No. 16 .. .. .	6	6 0
11243	Induction and Exhaust Manifold .. .. .	1	5 9 6
11143	Joint Washer for Inlet Port .. .. .	3	7
11144	" " Exhaust Port .. .. .	4	7
—	Stud for Induction and Exhaust Manifold (long) with Nut and Spring Washer, 3/8" x 3/4" .. .. .	6	4
—	Stud for Induction and Exhaust Manifold (short), ditto, 3/8" x 1/2" .. .. .	8	3
8922	Balance Pipe for Manifold .. .. .	1	2 0
8923	" " Plug .. .. .	1	3
8921	" " Cap .. .. .	3	1 1
—	" " Stud, with Nut and Spring Washer, 2BA x 1/2" .. .. .	6	3
9067	Joint Washer .. .. .	3	3
—	Carburettor, S.U. type H.V. 4 H.L., with Air Cleaner for Engines up to and including No. 11743 .. .. .	3	6 5 0
—	Carburettor, S.U. type SS.4, with Air Cleaner, for Engine No. 11744 and onwards .. .. .	3	6 0 0
11267	Carburettor Air Cleaner .. .. .	3	7 6
10302	" Joint Washer .. .. .	2	3
11376	" Connecting Shaft .. .. .	2	3
—	" Coupling (bolted to Shaft) .. .. .	2	1 0

**Cylinder—Continued.**

Part No.	Description	No. per Car	Price each £. s. d.
11377	Carburettor Coupling Bolt, with Nut, 4BA× $\frac{1}{8}$ "	2	2
—	" " (pinned to Shaft)	4	1 0
11378	" " Taper Pin, No. 0000× $\frac{1}{8}$ "	4	1
—	" " Plate	4	3
—	" " Bolt, with Nut, 4BA× $\frac{1}{2}$ "	16	2
8995	Throttle Return Spring	2	3
—	" Lever on Connecting Shaft	1	1 9
—	" Bolt, with Nut and Spring Washer, 2BA× $\frac{1}{2}$ "	1	3
5342	" Bell Crank Lever	1	1 8
11385	" " Pivot Pin, with Nut and Split Pin	1	6
11281	" Control Rod (Bell Crank Lever to Connecting Shaft) with Lock Nuts	1	4
—	Throttle Control Rod Ball Joints, with Nut and Spring Washer, 2BA× $\frac{1}{2}$ "	2	9
11283	Mixture Control Coupling Rod (long), with Lock Nuts	1	3
8965	" " (short)	1	3
—	" " Fork End (single)	1	8
—	" " (double)	2	1 4
—	" " Eye Piece	1	6
—	" " Fork End Joint Pin, with Split Pin	5	2
11471	" " Link (bottom)	2	3
11470	" " (vertical)	2	3
10503	" " (top)	2	3
6314	" " Joint Pin, with Split Pin	3	5

The following only apply to Engine No. 11744 and onwards.

—	Carburettor Easy Starting Unit, complete but less Pipes and Control	1	15 0
13204	Petrol Pipe (in Balance Pipe) complete with Union	1	2 0
13249	" " between Carburettor and Balance Pipe, with Nuts	1	1 6

**NOTE.**—When ordering Carburettors, state whether Front, Centre, or Rear is required. The Mixture Control Parts stated above are not fitted after Engine No. 11743. For other parts in connection with Throttle and Mixture Controls, see Steering and Equipment Sections.

**Crankcase.**

11832	Crankcase, tapped and studded, only supplied with Front Cover, Rear Covers, and Main Bearing Caps	1	34 10 0
11612	Crankcase Front Cover	1	7 0
—	" " Stud, with Nut and Spring Washer, $\frac{1}{8}$ "× $\frac{1}{2}$ "	7	3
11642	Crankcase " Locating Dowel	2	2
12351	" " Rear Cover (pair only supplied)	1 pr. pr. 4	5 0
12352	" " Studs (set of 6) varying lengths, with Nuts and Spring Washers	1 set	each 5
—	Crankcase Rear Cover Bolts (set of 16) varying lengths, with Nuts and Spring Washers	1 set	each 4
11594	Crankcase Rear Cover Locating Dowel	3	3
5603/4	Main Bearing Caps, set of four	1 set	19 6
5605	" " Stud, for Front and Intermediate Caps, with Nut, Washer, and Split Pin	6	1 1
5606	Main Bearing Cap Stud for Rear Cap (long), complete as above	1	1 0
6459	" " (short), complete as above	3	11
5607	" " Front and Intermediate (pair)	3 pr.	6 9
5561/2	" " Rear (pair)	1 pr.	7 11
5563/4	" " Dowel	4	3

**Crankcase—Continued.**

Part No.	Description	No. per Car	Price each £. s. d.
12111	Main Bearing Stud Tab Washer, for Front and Intermediate Bearings	6	2
12112	Main Bearing Stud Tab Washer, for Rear Bearing	2	2
—	Oil Pump, complete for erection to Engine, with Body, Cover, Gears, and Spindle	1	4 2 6
11874	Oil Pump Body only, tapped and studded	1	1 15 0
—	" Studs for securing to Crankcase, with Nuts and Washers, $\frac{1}{8}$ "× $\frac{1}{2}$ "	3	3
9554	Oil Pump Cover	1	7 0
13091	" " Studs, with Nuts and Spring Washers	3	3
11873	" " Spindle	1	7 6
9562	" " Pinion	1	2 10
9561	" " on Spindle	1	3 2
5555	" " Key, Woodruff No. 5	1	2
—	" " Spiral Gear (top of Spindle)	1	7 6
—	" " Key, $\frac{1}{8}$ "× $\frac{1}{2}$ "× $\frac{1}{4}$ "	1	3
—	" " Nut, with Washer and Split Pin, $\frac{1}{8}$ "	1	3
11893	" Delivery Filter, Gauze and Frame complete	1	15 9
10638	" " Cover	1	3 0
—	" " Studs, with Nuts and Plain Washers, $\frac{1}{8}$ "× $\frac{1}{2}$ "	4	3
9934	Oil Delivery Filter Cover Joint Washer	1	2
10639	" " Pressure Plate	1	10
10641	" " Felt Pad	1	2
10640	" " Filter Spring	1	2
—	" " Centre Bolt, $\frac{1}{2}$ "× $\frac{1}{2}$ "	1	6
—	" " Drain Plug, $\frac{1}{2}$ " gas	1	10
5056	" " Joint Washer for Drain Plug	1	1
9571	" " Release Valve	1	2 0
7979	" " Spring	1	3
9101	" " Adjusting Piece	1	1 2
5076	" " Lock Nut	1	5
11906	Oil Delivery Pipe, Pump to Filter, with Flanges fitted	1	13 0
11907	" " Filter to Gallery, with Flanges fitted	1	13 6
—	" " Studs, with Nuts and Spring Washers, $\frac{1}{8}$ "× $\frac{1}{2}$ "	4	3
—	" " Bolts, with Spring Washers, $\frac{1}{8}$ "× $\frac{1}{2}$ "	4	3
9649	" " Joint Washer	4	1
9356	" " Clip	1	2
—	" " Bolts, with Nuts and Spring Washers, $\frac{1}{8}$ "× $\frac{1}{2}$ "	2	3
10056	Oil Filler Cap, fitted complete with Gauze and Spring Rings	1	15 7
—	" " Gauze	1	2
4635	" " Spring Ring	2	6
4591	" " Clip	1	3
—	" " Screw for Spring Clip, 4BA× $\frac{1}{8}$ "	2	1
—	" " Stud, with Nut, Spring Washer, and Split Pin, $\frac{1}{8}$ "× $\frac{1}{2}$ "	1	4
4674	Oil Filler Strainer	1	1 0
11202	Rev. Counter Drive Housing	1	1 1 0
—	" Washers, $\frac{1}{8}$ "× $\frac{1}{2}$ "	4	3
11209	Rev. Counter Driving Shaft	1	1 6
11203	" " Gear	1	5 0
—	" " Key, Woodruff No. 2	1	1 14 0
—	" " Drive Housing, fitted with Gear and Shaft	1	2
11952	" " Joint Washer (paper)	1	2
—	Starter Motor—Type R.M.O., 418 S.C./10	1	8 0 0
10988	" " Cap	1	11 0



**Crankshaft—Continued.**

Part No.	Description	No. per Car	Price each £ s. d.
8564	Crankshaft Oil Thrower (front end)	1	4 4
12500	Flywheel	1	3 4 0
6395	Stud, with Nut and Split Pin	6	9
6394	Driving Disc	2	6
—	Vibration Damper, complete for assembly	1	3 0 0
5609	Body, female (rear)	1	10 6
5608	Body, male (front)	1	10 6
—	Key, 1" x 1/4" x 1 1/4" long	1	3
—	Bolt, with Nut and Spring Washer, 1/2" x 1"	6	5
8341/2	Shim	4	3
5610	Rim, with Lining fitted	2	12 0
5611	Lining, drilled for Rivets	2	1 9
—	Rivets, 1/2" x 1/4" C/sunk	12	doz. 6
5612	Spring	6	1
5645	Dowel Pin	3	3
2123	Starting Handle Dog on Crankshaft	1	5 10
9538	Connecting Rod, complete with Cap, white-metal lined, and with Bottom-end Bolts, Nuts, and Split Pins	6	1 12 0
10781	Connecting Rod Bottom-end Bolt, with Nut and Split Pin	12	10
9676	Small-end Bolt	6	5
9542	Tab Washer for Small-end	6	1

**Camshaft and Valve Gear.**

11863	Camshaft	1	5 10 0
5534	Timing Wheel	1	1 5 0
—	Key, 1/2" x 1/4" x 1" long	1	3
2991	Nut, with Plain Washer and Split Pin	1	4
11824	Distance Washer, 10/1000" thick	1	2
11734	" " " " 2 m/m thick	1	9
11735	" " " " 2.5 m/m thick	1	9
11736	" " " " 1.5 m/m. thick	1	9
12471	Front Bearing	1	7 6
9066	Joint Washer (paper)	1	1
12472	Cover	1	4
12473	Joint Washer	1	4
9025	Thrust Washer	1	1 9
9062	Spring	1	3
—	Pin for Thrust Washer	1	1
5537	Intermediate Bearings	2	7 9
6463	Oil Tube	2	7
5971	Rear Bearing	1	10 0
—	Front and Rear Bearing Studs, with Nuts and Split Pins, 3/8" x 1"	4	3
—	Chain for Timing Gears (98 links)	1	14 10
—	Tensioner (complete for erection to Engine)	1	3 4 0
—	Spring	1	1 2
5618	Valve Tappet Guide	12	3 0
11174	Body, with Cup fitted (only for Engines up to and including No. 11348)	12	4 6
11011	Valve Tappet Body Cup (only for Engines up to and including No. 11348)	12	6
—	Valve Tappet Guide and Body fitted (only for Engines up to and including No. 11348)	12	10 6
2982	Valve Tappet Body (for Engine No. 11349 and onwards)	12	4 0
—	Guide and Body fitted (for Engine No. 11349 and onwards)	12	10 0
11010	Push Rod, with Ball and Cup Ends fitted (only for Engines up to and including No. 11348)	12	5 0

**Camshaft and Valve Gear—Continued.**

Part No.	Description	No. per Car	Price each £ s. d.
11599	Push Rod, with Ball and Cup Ends fitted (for Engine No. 11349 and onwards)	12	5 0
5591	Valve Guide	12	1 9
11309	Inlet or Exhaust Spring (outer)	12	7 0
5296	" " (inner)	12	9
11894	Cup	12	4
11895	Washer	12	1 6
3111	Split Collar	12	10 5
11007	Rocker Shaft	12	5
11008	" " Bracket	1	1 0 0
11021	" " Packing Studs, with Nuts and Spring Washers, 1/2" x 1/4"	3	6 3
—	Valve Rocker Shaft Cotter Pin, with Nut (exhaust)	2	2 6
11005	" " (inlet)	6	2
11006	" " (inlet)	6	5 6
2981	Adjustable Ball, with Lock Nut	6	5 6
11223	Shaft Distance Piece, 42 m/m long	12	1 0
11224	" " " " 54 m/m long	3	9
11225	" " " " 16.5 m/m long	1	9
5595	" " Spring	2	9
11009	" " Distance Washer	2	2
3117	" " End Collar	6	2
3118	" " Plug, with Split Pin	2	1 3
11274	" " Centre Plug	2	3
11-3	" " Union for Oil Pipe	1	5
—	Oil Pipe—see Page 9	1	—
—	Oil Pipe to Pressure Gauge—see Equipment List.	1	—

**Clutch.**

12501	Flywheel Body	1	2 0 0
13278	Clutch Housing with bushes fitted	1	3 10 0
—	Bolt, with Nut and Spring Washer, 1/2" x 3/8"	12	5
13349	Bush	2	1 0
12503	Ring	1	1 10 0
12518	Guide Key	3	1 6
12515	Spring	15	3
13348	Plate	1	1 10 0
4611	Bolt, with Nut	8	3
12505	Shaft (6 Splines)	1	1 0 0
12662	" " (10 Splines)—fitted on later models	1	1 0 0
12513	Spider Coupling (to suit 6-Spline Shaft)	1	10 0
12663	" " (to suit 10-Spline Shaft)	1	10 0
12517	End Plate	1	1
12510	Oil Thrower	1	9
13275	Operating Finger	3	2 0
13272	" " Fulcrum	3	1 0
12516	" " Joint Pin	3	3
12508	" " Pin (carrying Finger)	3	1 3
12509	" " Locking Pin	3	3
12727	" " Finger Spring	3	3
12506	Withdrawal Sliding Sleeve	1	7 0
12511	Sleeve Key, 1/2" x 3/8" x 1 1/8" long	1	3
12512	Bearing (carbon)	1	3 9
12060	Housing	1	5 6
—	Retaining Spring	2	5

## Clutch—Continued.

Part No.	Description	No. per Car	Price each £ s. d.
12385	Clutch Operating Fork	1	5 6
12384	" " " Bracket	1	13 6
"	" " " Bolt, with Nut and Spring Washer	2	4
12386	Clutch Operating Fork Pivot Pin, with Nut, Plain Washer, and Split Pin	1	3
12634	Clutch Adjusting Rod	1	4
12396	" " " Fork End	1	9
21-17	" " " Fork End Joint Pin, with Split Pin	1	3
1455	" " " Rod Trunnion	1	3
1454	" " " Wing Nut	1	7
10065	" " " Spring	1	2
12660	Transmission Shaft	1	5 0
12377	" " " Spider Coupling	2	7 6
6008	" " " Flexible Coupling	2	13 7
12897	" " " Coupling Bolt, with Nut, Washer, and Split Pin	12	3
12661	Transmission Shaft Spring Ring	1	2
"	Clutch Pedal, etc.—see Pedals Section.		

## Gear Box.

—	Gear Box, completely assembled, with Input Spider Propeller Shaft Coupling, Speedometer Gears, Change Speed Lever, etc.	1	80 0 0
12976	Gear Box—top and bottom halves—pair only supplied, tapped and studded and bolted together	1	13 10 0
12048	Gear Box Bolts for top to bottom half, with Nuts and Spring Washers	6	9
12049	Gear Box Studs for top to bottom half, with Nuts and Spring Washers	14	5
12036	Gear Box Sump Cover	2	1 3
12037	" " " Joint Washer	2	4
"	" " " Studs, with Nuts and Spring Washers, $\frac{1}{2} \times \frac{1}{2}$	20	3
12017	Gear Box Oil Filler, without lid	1	2 6
12082	" " " Joint Washer	1	6
"	" " " Studs, with Nuts and Spring Washers, $\frac{1}{2} \times \frac{1}{2}$	2	4
8080	" " " Lid	1	1 6
2848	" " " Joint Washer	1	4
"	" " " Studs with Wing Nuts, $\frac{1}{2} \times \frac{1}{2}$	2	5
"	" " " Wing Nut, $\frac{1}{2}$ B.S.F.	2	3
11274	" " " Level Plug	1	0 0
12604	" " " Front Cover	1	0 0
12611	" " " Joint Washer (paper)	1	3
"	" " " Studs (short), with Nuts and Spring Washers, $\frac{3}{8} \times \frac{3}{8}$	2	4
—	Gear Box Front Cover Studs (long), with Nuts and Spring Washers $\frac{3}{8} \times \frac{1}{2}$	6	4
12465	Gear Box Rear Cover (only for Gear Boxes up to and including No. 11150)	1	1 0 0
12984	Gear Box Rear Cover (for Gear Box No. 11151 and onwards)	1	1 0 0
12089	" " " Joint Washer (paper)	1	3
"	" " " Studs, with Nut and Spring Washers, $\frac{3}{8} \times \frac{1}{2}$	10	4 0
12960	Constant Mesh Pinion Shaft, with Cone fitted	1	3 18 0
"	" " " Roller Bearing, 40×80×23	1	1 3 3
"	" " " Ball Bearing, 40×80×18	1	16 0
12482	" " " Oil Retainer for Bearing	1	3
12025	" " " Locking Ring for Bearing	1	2 0
12026	" " " Grub Screw	1	2

## Gear Box—Continued.

Part No.	Description	No. per Car	Price each £ s. d.
12027	Constant Mesh Pinion Distance Piece	1	8
12378	" " " Spider Coupling	1	10 9
2991	" " " Nut, with Split Pin	1	4
1081	" " " Washer	1	2
13092	" " " Shim	1	3
12301	Oil Pump Eccentric	1	7 6
"	" " " Key, Woodruff No. 5	1	2
12302	" " " Plunger	1	6
12300	" " " Body	1	6 6
12303	" " " Valve Plate	1	3 6
12292	Main Shaft (only for Gear Boxes up to and including No. 11150)	1	2 10 0
12978	" " " (for Gear Boxes No. 11151 and onwards)	1	2 10 0
"	" " " Front Bearing—Spiral Roller, $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ "	1	2 6 6
"	" " " Centre Bearing—Roller 35×80×21	1	19 6
"	" " " Rear Bearing—Ball $1\frac{1}{2} \times 3\frac{1}{2} \times \frac{3}{4}$ " (only for Gear Boxes up to and including No. 11150)	1	17 6
—	Main Shaft Rear Bearing—Special Ball No. 1300 (for Gear Box No. 11151 and onwards)	1	1 3 3
12029	Main Shaft Locating Washer	2	1 0
12031	" " " Spring Ring	2	3
12078	" " " Centre Bearing Distance Piece	2	3
12297	" " " Locating Piece (in halves)	1	1 0
12800	" " " Thrust Washer for 1st Speed Wheel	1	3 0
12086	" " " Rear Bearing Oil Retainer (only for Gear Boxes up to and including No. 11150)	1	3
12983	Main Shaft Rear Bearing Retainer (for Gear Box No. 11151 and onwards)	1	4
12077	Main Shaft Reverse Wheel Distance Piece (only for Gear Boxes up to and including No. 11150)	1	1 0
12980	Main Shaft Rear Bearing Adaptor (for Gear Box No. 11151 and onwards)	1	3 0
12000	Constant Mesh Pinion (front)	1	17 0
12002	" " " Wheel (front) on Layshaft	1	2 5 0
12293	3rd Speed Wheel on Main Shaft (complete with cone)	1	1 5 0
12004	" " " on Layshaft	1	1 5 0
12294	2nd " " on Main Shaft (complete with cone)	1	2 5 0
12006	" " " on Layshaft	1	1 0 0
12832	1st " " on Main Shaft	1	2 8 0
12008	" " " on Layshaft	1	1 7 6
12296	Reverse Wheel on Main Shaft	1	1 10 0
12010	" " " on Reverse Shaft (bushed)	1	1 10 0
—	Synchro-mesh Sleeve (complete unit)	2	11 11 0
12012	Layshaft (only for Gear Boxes up to and including No. 11150)	1	2 0 0
12979	" " " (for Gear Box No. 11151 and onwards)	1	2 0 0
"	" " " Front Bearing—Roller $1\frac{1}{2} \times 2\frac{1}{2} \times \frac{3}{4}$ "	1	1 3 3
"	" " " Centre Bearing—Roller, 35×80×21	1	19 6
"	" " " Rear Bearing—Ball, $1\frac{1}{2} \times 3\frac{1}{2} \times \frac{3}{4}$ " (only for Gear Boxes up to and including No. 11150)	1	17 6
—	Layshaft Rear Bearing—Special Ball No. 1300 (for Gear Box No. 11151 and onwards)	1	1 3 3
12087	Layshaft Front Bearing Oil Retainer	1	1 2 0
"	" " " End Nut, $\frac{3}{8}$ " slotted	1	2
12305	" " " Washer	1	9
12031	" " " Centre Bearing Spring Ring	1	3
12076	" " " Split Ring	2	3
12086	" " " Rear Bearing Oil Retainer (only for Gear Boxes up to and including No. 11150)	1	9
12983	Layshaft Rear bearing Oil Retainer (for Gear Box No. 11151 and onwards)	1	3
"	" " " (for Gear Box No. 11151 and onwards)	1	4

**Gear Box—Continued.**

Part No.	Description	No. per Car	Price each \$ a. d.
12038	Layshaft Rear Distance Piece (only for Gear Boxes up to and including No. 11150)	1	1 0
12981	Layshaft Rear Bearing Adaptor (for Gear Box No. 11151 and onwards)	1	3 6
12060	Layshaft Nut (rear) with Split Pin	1	9
12061	Washer (rear)	1	6
12079	Reverse Shaft	1	3 0
11491	Wheel Bush	1	2 0
12234	Needle Roller—3rd Speed Constant	39	2
12235	"—2nd Speed Constant	39	2
12236	"—1st Speed Constant	45	1
12485	Propeller Shaft Coupling (only for Gear Boxes up to and including No. 11150)	1	15 6
12975	Propeller Shaft Coupling (for Gear Box No. 11151 and onwards)	1	15 6
—	Nut, 1" slotted	1	2
28-31	Washer, 1" dia.	1	1
12595	Shifting Rod, 3rd and 4th Speeds	1	11 6
12596	" 1st and 2nd Speeds	1	11 6
12597	" Reverse	1	11 6
—	Locking Ball, 1/8" dia.	3	1
11121	" Spring	3	5
12084	" Spring Packing (long)	2	3
12085	" (short)	1	2
12683	" Cover Plate (not fitted previous to Gear Box No. 10886)	1	7
12046	Shifting Rod Spring Cover Plate C/sunk Screw, 1/2" x 1/2"	2	6
12014	" Locking Piece	1	3
—	" Cover	1	1
—	C/sunk Screw, 1/2" x 1/2"	2	1
12032	Gear Shifting Fork, 3rd and 4th Speeds	1	4 3
12033	" 1st and 2nd Speeds	1	5 6
12034	" Reverse	1	2 0
12035	" Reverse Fork Socket	1	4 0
8462	" Fork Taper Pin	3	4
12598	Change Speed Lever, only	1	8 9
10169	" Ball	1	1 9
11654	" Peg	2	4
11657	" Retaining Ring (not fitted after Gear Box No. 11385)	1	4
11658	Change Speed Lever Retaining Spring Ring (not fitted after Gear Box No. 11385)	1	3
13244	Change Speed Lever Retaining Cap (only for Gear Box No. 11386 and onwards)	1	1 9
—	Change Speed Lever Cap Screw, 4 BA x 1/2"	4	1
11656	" Housing Cover	1	2 0
11655	" Washer (leather)	1	2
11659	" Lever Sleeve	1	2 0
11660	" Spring	1	3
11670	" Ring	1	1

The following parts are only fitted on Gear Boxes up to and including No. 11150.

12606	Reverse Latch	1	1 0
12608	" Pivot Pin, with Split Pin	1	6
12607	" Stop Plunger	1	4
12610	" Spring	1	3

The following parts are only fitted on Gear Box No. 11151 and onwards.

12848	Reverse Stop Plunger	1	1 3
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**Gear Box—Continued.**

Part No.	Description	No. per Car	Price each \$ a. d.
12847	Reverse Stop Plunger Spring	1	3
12849	" " Cap	1	1 3
The following parts in connection with Speed Drive only apply to models fitted with Centrifugal Type Speedometer.			
3683	Speedometer Driving Gear—18 teeth	1	7 6
3685	" Driven Gear—16 teeth—for 4.55:1 ratio	1	7 0
3686	" "—17 teeth—for 4.77:1 ratio	1	7 0
The following parts in connection with Speed Drive only apply to models fitted with Nemag type Speedometer.			
12845	Speedometer Driving Gear—14 teeth	1	9 0
12846	" Driven Gear—27 teeth—4.55:1 ratio	1	9 0
12876	" "—28 teeth—4.77:1 ratio	1	9 0

The following parts apply to all models, irrespective of type of Speedometer.

—	Speedometer Pinion Key, 1/2" x 1/8" x 1/2" long	3	—
3677	Distance Piece (only for Gear Boxes up to and including No. 11150)	1	7
12982	Speedometer Distance Piece (for Gear Box No. 11151 and onwards)	1	8
10828	" Gear Bush (bronze)	1	9
10827	" Eccentric Bush	1	3 0
—	2 BA x 1" Bolt, with Nut and Split Pin	1	4
—	Speedometer Gear Eccentric Bush Cotter Pin, with Nut and Spring Washer	1	3
—	Gear Box Holding-down Bolts, etc.—see Frame List.	—	—

**Rear Axle (less Differential, etc.).**

—	Rear Axle, assembled complete with Bevel Gears, Differential Gears, Brake Drums and Shoes, Hubs, Axle Shafts, and Propeller Shaft Coupling	1	69 18 0
12184	Rear Axle Casing, tapped and studded, and with Axle Tubes fitted	1	15 10 0
12212	Rear Axle Tube	2	3 3 0
10869	" " Lock Nut (inner)	2	2 6
10870	" " Spring Ring	2	1 5
10875	" Sleeve for Oil Thrower	1	1 6
8080	" Oil Filler Cap	1	1 6
2848	" " Joint Washer	1	1 6
—	" " Studs, with Wing Nuts, 1/2" x 1/2"	2	5
—	" " Drain Plug, with Joint Washer, 1/2" gas	1	4
2269	" " Joint Washer	1	1
12210	" Shaft, N.S.	1	2 10 0
12211	" O.S.	1	2 10 0
12554	" Hub, N.S. (for Chassis Nos. up to and including No. 11310)	1	2 12 6
12655	" " O.S. (for Chassis Nos. up to and including No. 11310)	1	2 12 6
13123	" " O.S. (for Chassis No. 11311 and onwards)	1	2 12 6
13124	" " O.S. (for Chassis No. 11311 and onwards)	1	2 12 6
—	" Ball Bearing, 50 x 90 x 20	1	1 12 6
—	" Roller Bearing, 45 x 85 x 19	1	1 9 9
10871	" Lock Nuts for Bearings	2	1 4 9
10872	" Nut Spring Ring	2	1 9
—	" C/sunk Screw, 2 BA x 3/4"	2	4
10868	" Distance Washer	2	1 6

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### Rear Axle (less Differential, etc.)—Continued.

Part No.	Description	No. per Car	Price each £ s. d.
10866	Rear Hub Distance Piece (outer)	2	1 3
10867	" " (inner)	2	6 10
10864	" " Bearing Cover	2	6 6
4535	" " Bolt	10	2
4781	" " Tab Washer	10	1
12657	Retaining Tube for Axle Shaft (only for Chassis up to and including No. 11310)	2	3
13126	Retaining Ring for Axle Shaft (only for Chassis No. 11311 and onwards)	2	6
11835	Rear Hub Grease Cap, N.S. (fitted to N.S. and O.S. previous to Chassis No. 11311)	1	4 6
13128	Rear Hub Grease Cap, O.S. (only for Chassis No. 11311 and onwards)	1	4 6
10225	Rear Brake Drum	2	1 18 9
10865	" " Oil Retainer	2	1 3
12402	" " Cover, N.S.	1	1 7 6
12403	" " O/S	1	1 7 6
12354	" " Bolt (short) with Nut and Split Pin	12	4
12355	Rear Brake Drum Cover Bolt (long), with Nut and Split Pin, $\frac{3}{8} \times 1\frac{1}{2}$ "	4	5
12404	Rear Brake Shoes (pair) with Linings fitted	2	1 7 6
10234	" " Lining (short)	2	4 11
12409	" " (long)	2	5 9
—	" " Rivets, $\frac{3}{8} \times \frac{3}{4}$ ", Brass	36	doz 6
11222	" " Pivot Pin	4	2 6
10312	" " Nut, with Split Pin	4	3
28-36	" " Washer, $\frac{3}{8}$ " dia.	4	1
10237	" " Bridge Piece	2	3
10239	" " Cam	2	4 9
10231	" " Shoe Return Spring (Connecting Shoes)	2	3
10232	" " Pull-off Spring (anchored to Cover)	2	3
11220	Anchor Peg for Pull-off Spring with Nut and Spring Washer	2	4
11219	Eccentric Pin for Brake Shoe Adjustment, with Nut and Washers	2	1 0
12164	" " Indicator	2	4
11217	Housing for Brake Cable (inside Drum), O.S.	1	2 9
11218	" " N.S.	1	2 9
10261	Rear Wheel Driving Plate	2	3 6
9659	" " Stud with Nut	10	1 0
—	" " Plate C (sunk Screw, $\frac{1}{2} \times \frac{3}{4}$ )	6	1
—	Bolts for securing Axle to Springs—see Springs Section.		
—	Centre Nut for Wheel Hub—see Wheels Section.		

### Differential, Bevel Pinion, and Crown Wheel.

—	Bevel Housing, completely assembled, with Pinion and Crown Wheel, and Differential Gear, and all Bearings, etc.	1	31 0 0
10850	Bevel Housing, drilled, tapped, and studded and with Caps for Differential	1	4 10 0
—	Bevel Housing Stud for securing Axle Casing, with Nut and Spring Washer, $\frac{3}{8} \times 1"$	6	3
12327	Bevel Pinion and Crown Wheel (pair) 4.55:1 ratio	1 pr.	7 10 0
5705	" " Roller Bearing, 30×72×19	1	1 1 9
—	" " Ball Bearing, No. 5844, $1\frac{1}{4} \times 3\frac{1}{2} \times 1\frac{3}{8}$ "	1	1 12 6
10674	" " Retainer for Roller Bearing	1	2
11484	" " Retaining Ring for Roller Bearing	1	1 3
—	" " Set Screw for Retaining Ring, $\frac{1}{4} \times \frac{1}{4}$ "	2	2

### Differential, Bevel Pinion, and Crown Wheel—Continued.

Part No.	Description	No. per Car	Price each £ s. d.
4781	Bevel Pinion Tab Washer for Set Screw	2	1
10853	" " Distance Piece between Bearings	1	7
10852	" " Housing for Ball Bearing	1	12 6
2779	" " Shim for Bearing Housing (Brass), 36/1000" thick	—	3
2780	" " " " " " 4/1000" thick	—	4
2781	" " " " " " 16/1000" thick	—	2
10854	" " Cap for Housing	1	5 3
—	" " Stud, with Nut and Spring Washer, $\frac{3}{8} \times \frac{3}{4}$ "	6	3
12374	" " Flange for Propeller Shaft	1	17 6
12330	" " Nut	1	9
12331	" " Washer	1	4
10856	Differential Box Casing, N.S. (male)	1	3 10 0
10857	" " O.S. (female)	1	4
5440	" " Bolt, with Nut and Split Pin	8	9
—	" " Ball Bearing, 55×100×21	2	1 2 9
10859	" " Housing	2	8 6
1241	" " Dowel Peg for Housing	2	2
10445	" " Shim for Ball Bearing (16/1000" thick)	—	3
10446	" " (4/1000" thick)	—	2
10873	" " Bearing Cap Stud, with Nut and Split Pin	4	6 6
1118	" " Crown Wheel	2	1 7 6
1117	" " Bevel Pinion	2	15 0
1117	" " Pinion Spindle	1	2 6
1117	" " Thrust Washer	2	6

### Propeller Shaft.

—	Propeller Shaft, completely assembled, normal length, 35 $\frac{1}{8}$ "	1	7 10 0
—	Tubular Shaft Assembly	1	3 3 0
—	Propeller Shaft Coupling on Gear Box—see Gear Box List.		
—	" " on Rear Axle—see Bevel Pinion List.		
—	Flange Yoke	2	10 4
—	Sleeve Yoke (slip joint)	1	18 7
—	Ball Yoke	1	16 6
—	Journal with Bushes and Retainers	1	7 2 1
—	Inner Casing Assembly	2	2
—	Outer Casing Assembly	2	1 10 1
—	Inner Casing Gasket	2	2 5
—	Outer Casing Packing	2	2 5
—	Casing Spring	2	5
—	" " Screw	4	2 1
—	Baffle Cup	2	2 1
—	" " Spring	2	1 0 1
—	Dust Cap (Slip Joint)	1	1 0 1
—	Steel Washer (Slip Joint)	1	2 1
—	Felt Washer (Slip Joint)	1	2 1
—	Shaft Cotter	1	2 1
—	" " Nut	1	1 3
12439	Propeller Shaft Coupling Bolts, with Nuts and Split Pins	12	4

### Front Axle.

—	Front Spring—see Springs Section.		
—	" " Pin, Bush, etc.—see Springs Section.		
12450	Radius Arm	2	1 12 0
12451	" " Bracket (front)	2	15 9
12452	" " (rear)	2	7 0



Frame and Springs—Continued.

Part No.	Description	No. per Car	Price each
			£ s. d.
12259	Front Spring Securing Stud Distance Piece (short)	4	4
12260	" " " " " (long)	4	4
12197	" " Bush	4	2 0
12198	" " Pin	2	3 6
1305	" " Nut, with Split Pin	2	4
9349	Rear Spring, Curve "A"	2	2 0 0
11115	" " Front Bush	4	2 3
10762	" " Rear Bush	4	2 4
11113	" " Front Pin	2	3 9
11112	" " Nut, $\frac{3}{8}$ " B.S.F. plain	2	2
10200	" " Tab Washer	2	1 6
11111	" " Rear Pin, with Nut and Split Pin	2	1 0
—	" " Front Bracket	2	3 6
—	" " Front Bracket Bolts, with Nuts and Spring Washers, $\frac{1}{2}$ " x $\frac{1}{2}$ "	4	4
—	Rear Spring Front Bracket Bolts, with Nuts and Spring Washers, $\frac{1}{2}$ " x $\frac{1}{2}$ "	6	4
10764	Rear Spring Shackles, with Bushes fitted	2	13 6
10203	" " Bush (outer half)	2	2 3
11001	" " (inner half)	2	4 0
11050	" " Packing Plate	2	1 9
10736	" " U-Bolt for securing Axle to Springs, complete with Nuts	4	1 0
9829	Rear Axle Buffer	4	4
8441	" " Housing	2	2
—	" " Housing Bolts, with Nuts and Spring Washers, $\frac{1}{2}$ " x $\frac{1}{2}$ "	4	3
—	Rear Spring Gaiters (single)	4	10 6
—	" " (complete set)	1 set	2 2 0
—	" " Shock Absorbers, O.S.—Hartford Telecontrol	1	3 15 0
—	" " N.S.—Hartford Telecontrol	1	3 15 0
5636	" " Top Pin, with Nuts, etc.	2	1 6
12619	" " Absorber Bottom Bracket, O.S.	1	2 6
12620	" " N.S.	2	2 6
3694	" " Bottom Pin, with Nuts, etc.	1	14 6
—	" " Regulator	1	5 6
—	" " Filling Pump	1	10 6
—	" " Pressure Gauge	1	2
—	" " Piping, $\frac{3}{8}$ " dia.	per ft.	6
—	" " Nipple	per doz.	1 6
—	" " Nut	per doz.	2 0
—	" " 4-way Piece	1	1 9
—	" " 3-way Piece	1	1
—	" " Clip, Luvox Z 8000/87	15	3
—	" " Washers, 2 BA x $\frac{1}{2}$ " Bolts, with Nuts and Spring	15	3
—	Front Jack, D.W.S.	1	7 0
—	Rear Jack, D.W.S.	2	7 0
12468	Front Jack Packing Block (only for Chassis up to and including No. 11198)	1	4 0
12469	Front Jack Packing Block Studs, with Nuts and Spring Washers	4	6
13034	" " (for Chassis No. 11199 and onwards)	1	8 0
—	" " Bolts, with Nuts and Spring Washers, $\frac{1}{2}$ " x $\frac{1}{2}$ "	4	3
13035	Front Jack Securing Bolt (for Chassis No. 11199 and onwards)	2	9
12483	Rear Jack Packing Block	2	2 3
12484	" " Securing Bolt, C/sunk Head	4	6
12613	Bracket for Head Lamps and Front Wings, with Cap fitted	2	6 6
8009	Cap for Head Lamp Bracket	2	3 9

Frame and Springs—Continued.

Part No.	Description	No. per Car	Price each
			£ s. d.
—	Bolt for Head Lamp Bracket, with Nut and Spring Washer, $\frac{1}{2}$ " x $\frac{1}{2}$ "	8	3
—	Stud for Head Lamp Bracket, with Nut and Spring Washer, $\frac{1}{2}$ " x $\frac{1}{2}$ "	4	3
11699	Front Wing Stay Tube, Ch. Pl.	1	15 0
12675	" " Support Plate, N.S.	1	4 6
12676	" " O.S.	1	4 6
—	" " Clamping Bolt, with Nut and Spring Washer, $\frac{1}{2}$ " x $\frac{1}{2}$ "	2	4
10835	Head Lamp Carrier (large Lamps)	2	6 6
12612	" " Bracket (small Lamps)—only for Chassis fitted with Pyrene Bumper	2	2 3
13107	Head Lamp Bracket (small Lamps)—only for Chassis fitted with Wilmot-Breeden Bumper	2	6 3
—	Head Lamp Bracket Bolts, with Nuts and Spring Washers, $\frac{1}{2}$ " x $\frac{1}{2}$ "	2	4
12464	Steering Box Bracket and Cap (pair only), 1 pair	1 pr.	9 0
12487	" " Stud, with Nuts and Spring Washer	2	6
12488	" " Distance Piece	1	6
12718	Dash and Footboard (drilled but not fitted up—for Chassis up to and including No. 11293)	1	9 10 0
13352	Dash and Footboard (drilled but not fitted up—for Chassis No. 11294 and onwards)	1	9 0 0
—	Footboard Securing Bolts, with Nuts and Spring Washers, $\frac{1}{2}$ " x $\frac{1}{2}$ "	2	4
12722	" " Cover Plate (over Clutch)	2	4
—	" " C/sunk Screw, 2 BA x $\frac{1}{2}$ "	8	1
11257	Throttle Lever Rocking Tube (long)	1	8
11724	" " (short)	1	3
5665	" " ((hand-operated)	1	1 9
11264	" " (foot-operated)	2	1 3
5664	" " (at ends of Rocking Tube)	1	1 3
12631	Battery Cradle Bolts, with Nuts and Spring Washers, $\frac{1}{2}$ " x $\frac{1}{2}$ "	4	4
—	" " Bolts, with Nuts and Spring Washers, $\frac{1}{2}$ " x $\frac{1}{2}$ "	2	5 0
—	" " Engine Holding-down Bolt (front), with Nut and Split Pin, $\frac{1}{2}$ " x $\frac{3}{4}$ "	1	4
—	" " (rear), with Nut and Split Pin, $\frac{1}{2}$ " x $\frac{3}{4}$ "	2	5
4475	" " Support Rubber Pad—front, top	1	3
9390	" " —front, bottom	1	3
4477	" " Washer—front, top	1	1 0
13033	" " Block—rear	2	1 0
13109	" " Rubber Pad—rear	6	6
11941	" " Washer (rear)	2	3
12490	Gear Box Support Bracket—O.S., front	1	1 0
12491	" " —N.S., front	1	1 0
12466	" " —rear	1	7 6
—	" " Bolts, with Nuts and Spring Washers, $\frac{1}{2}$ " x $\frac{1}{2}$ "	10	3
4475	Gear Box Support Rubber Pad—front, top	2	2
13109	" " —front, bottom	2	6
9390	" " —rear	2	3
—	" " Bolt (front) with Nut and Split Pin, $\frac{1}{2}$ " x $\frac{3}{4}$ "	2	4
—	" " Stud (rear) with Nut and Split Pin, $\frac{1}{2}$ " x $\frac{3}{4}$ "	1	5
4477	" " Washer	3	1
6999	" " Lining-up Shim, $\frac{1}{8}$ " thick	2	2
—	Front Bumper—see Equipment List.		
—	Chassis Lubrication Fittings—see List at end of Book.		



## Steering—Continued.

Part No.	Description	No. per Car	Price each £ s. d.
—	Ignition Control Lever Bolt, with Nut and Spring Washer, 2 BA × 1/2"	1	3
—	Ignition Control Ball Joint with Nut and Spring Washer, 2 BA 2 BA	2	9
7694	Ignition Control Rod (screwed) for coupling up from Steering Column to Rocking Shaft on Engine	1	4
—	Steering Column Switch, complete with Cable (type S.P./A7)	1	16 0
11125	" " Bracket	1	3
—	" " Screw, with Nut and Spring Washer, 2 BA × 1/2"	3	3
10036	Steering Column Switch Cover	1	2 6
10037	" " Operating Spindle, with Nut, Plain Washer, Spring Washer, and Split Pin	1	1 6
10038	Steering Column Switch Lever on Spindle	1	1 3
10266	" " " " on Column	1	1 0
—	" " " " Bolt, with Nut and Spring Washer, 2 BA × 1/2"	2	3
—	Steering Column Switch Ball Joint, with Nut and Spring Washer, 2 BA × 2 BA	2	9
11280	Adjusting Rod for Switch Ball Joints, with Lock Nuts	1	3

## Foot Pedals.

12387	Pedal Shaft, with ends plugged	1	4 0
12390	" " Bracket (outer)	1	5 0
—	" " " (outer) Bolt, with Nut and Spring Washer, 3/8" × 1 1/2"	3	3
12391	Pedal Shaft Bracket (inner)	1	4 0
—	" " " (inner) Bolt, with Nut and Spring Washer, 3/8" × 1"	1	3
—	Pedal Shaft Bracket (inner) Bolt, with Nut and Spring Washer, 3/8" × 1 1/2"	1	4
12393	Pedal Shaft Distance Tube (long)	1	4
12394	" " (short)	1	2
12389	Clutch Pedal Lever (less Plate)	1	7 6
12388	Brake Pedal Lever (less Plate)	1	7 0
5674	Pedal Plate (Clutch and Brake)	1	1 3
—	" " Bolt, with Nut and Spring Washer, 3/8" × 1"	2	3
10729	" " Lever Buffer (rubber)	1	3
1819	" " Return Spring	2	6
11036	Accelerator Pedal Plate	1	5 9
11259	" " " " Pivot Pin, with Split Pin	1	6
—	" " " " Set Screw, with Nut, 1/4" × 1/2"	1	4
11306	" " " " Return Spring	1	9
—	Clutch and Brake Pedal Rubbers—see Equipment List.		

## Brake Connections.

12592	Hand Brake Lever, only	1	15 0
12588	" " " " Pivot Pin	1	2 0
—	" " " " Nut (inside), with Split Pin, 1/2" B.S.F.	1	2
—	Hand Brake Lever Pivot Pin Nut (outside), with Washer and Split Pin, 1/2" B.S.F.	1	2
—	Hand Brake Lever Celluloid Handle	1	10
12591	" " " " Link	2	6
12587	" " " " Joint Pin (rear), with Split Pin	1	4

## Brake Connections—Continued.

Part No.	Description	No. per Car	Price each £ s. d.
8969	Hand Brake Link Joint Pin (front), with Split Pin	1	3
1467	" " " " Trigger	1	4
9213	" " " " Bolt, with Nut, Plated Washer, and Split Pin	1	3 0
1468	" " " " Eye Piece	1	8
1471	" " " " Pin, with Plated Washer and Split Pin	1	3
1469	" " " " Rod	1	3
1470	" " " " Pawl	1	3 9
1472	" " " " Pawl Bolt, with Nut	2	4
1464	" " " " Spring	1	2
8129	" " " " Quadrant	1	3 6
—	" " " " Bolt, with Nut and Spring Washer, 3/8" × 1 1/2"	2	4
12590	Hand Brake Quadrant Bracket	1	1 0
—	" " " " Bolt, with Nut and Spring Washer, 3/8" × 1 1/2"	2	3
11059	Hand Brake Quadrant Distance Piece	2	3
12317	Brake Lever Shaft	1	1 0
12339	" " " " Distance Washer	1	4
12395	" " " " Bracket	1	9 0
—	" " " " Bolt, with Nut and Spring Washer, 3/8" × 1 1/2"	3	3
12589	Hand Brake Actuating Lever (outer end of Shaft)	1	3 0
—	" " " " Key, 3/8" × 3/4" × 1 1/2"	1	3
—	" " " " Bolt, with Nut and Spring Washer, 3/8" × 1 1/2"	1	4
12594	Hand Brake Actuating Lever Distance Washer	1	4
12308	Foot Brake Lever on Shaft	1	3 0
12309	Hand Brake Lever on Shaft	1	2 9
—	" " " " Key, 3/8" × 3/4" × 3/8"	1	3
—	" " " " Bolt, with Nut and Spring Washer, 3/8" × 1 1/2"	1	4
12436	Tension Link (Stay for Pedal Shaft)	1	4
12315	Brake Pedal Connecting Link	1	3 0
12369	" " " " Joint Pin, with Split Pin	2	4
12306	" " " " Lever (under frame) N.S.	1	4 9
12307	" " " " O.S.	1	6 3
12312	" " " " Bracket	2	5 6
—	" " " " Bolt, with Nut and Spring Washer, 3/8" × 1 1/2"	4	3
—	" " " " Nut, 1/2" B.S.F., with Plain Washer and Split Pin	2	2
12478	Brake Cross Tube (connecting brackets)	1	2 9
12618	" " " " Rod (connecting levers)	1	9
12368	" " " " Fork End	1	9
21-17	" " " " Joint Pin with Split Pin	2	3
12469	" " " " Adjusting Rod, with stop fitted, and Lock Nut	2	1 0
12340	" " " " Spring	2	4
12319	" " " " Trunnion (rear)	2	4
12318	" " " " " (front)	2	4
12323	" " " " Key	2	1 0
12026	" " " " Crab Screw	2	2
12413	" " " " Wing Nut	2	7
12700	Front Brake Cable, complete with Cable, Outer Casing, Adjusting Stem, etc.	2	17 6
12701	Rear Brake Cable, complete as above	2	17 6
—	Nut for Brake Cable Carrier, 1/2" B.S.F. with Spring Washer	2	5
10253	Brake Cable Trunnion (inside drum)	4	1
12246	" " " " Adjusting Nut	4	6
4231	" " " " Trunnion for Adjusting Stem	4	9
4232	" " " " Key for Adjusting Stem	4	2

## Radiator.

Part No.	Description	No. per Car	Price each £ s. d.
12467	Radiator—complete, including Stone Guard	1	21 0 0
—	Stone Guard, only	1	2 0 0
—	Filler Cap	1	7 6
—	Drain Plug, $\frac{1}{2}$ " gas	1	3
13104	Support Bolt, with Nuts, Spring Washers, and Split Pin	2	10
11909	" " Plain Washer	2	1
13105	" " Packing Washer	2	4
6382	" " Bush (rubber)	4	3
—	Tape for Bonnet Rest, $\frac{3}{8}$ " wide	per ft.	2
—	Mascot—see Equipment Section.		
12806	Tie Rod	1	3 6
3331	" " Eye Bolt, with Nut	1	11
—	" " Bolts with Nuts and Spring Washers, $\frac{1}{2}$ " x $\frac{3}{4}$ "	2	4
12807	Bottom Water Pipe	1	1 6
—	Hose Pipe—Radiator to Bottom Pipe, $1\frac{1}{8}$ " bore	1	10
—	" " Water Pump to Bottom Pipe, $1\frac{1}{8}$ " bore	1	8
—	" " Clip, $1\frac{1}{8}$ " dia.	4	8
—	" " —top, $1\frac{1}{8}$ " bore	1	1 0
—	" " Clip (top), $1\frac{1}{8}$ " dia.	2	8

## Bonnet.

—	Bonnet, painted, fitted with Hinges	1	8 10 0
13049	" " Rear Eye Piece for Hinge, with Nut and Spring Washer	1	1 6
—	" " Fastener, complete with Screws and Nuts	4	5 0
—	" " Tape for Bonnet Rest, $1\frac{1}{2}$ " wide	per ft.	7 $\frac{1}{2}$
—	" " C/sunk Screw, 2 BA x $\frac{3}{8}$ "	per doz.	6

## Silencer.

13093	Silencer only (Burgess No. 40045)	1	2 2 0
12828	Front Bracket (only for Chassis up to and including No. 10937)	1	4 6
13042	Silencer Front Bracket (for Chassis No. 10938 and onwards)	1	4 6
—	Washer, $\frac{3}{8}$ " x $1\frac{1}{2}$ " Clamping Bolt, with Nut and Spring	1	4
12829	Silencer Rear Bracket (only for Chassis up to and including No. 10937)	1	4 6
13043	Silencer Rear Bracket (for Chassis No. 10938 and onwards)	1	4 0
—	" " Frame Bolt, with Nut and Spring Washer, $\frac{3}{8}$ " x $\frac{3}{4}$ "	1	3
—	" " Silencer Rear Bracket Clamping Bolt, with Nut and Spring Washer, $\frac{3}{8}$ " x $\frac{3}{4}$ "	1	3
12825	Front Exhaust Pipe, with Flange fitted	1	1 1 0
11208	" " " Joint Washer	1	6
—	" " " Bolt, with Nut and Spring Washer, $\frac{3}{8}$ " x $1\frac{1}{2}$ "	2	4
—	" " " Stud, with Nut and Spring Washer, $\frac{3}{8}$ " x $1\frac{1}{2}$ "	1	4
5423	" " " Clip	1	2 9
—	" " " Bolt, with Nut and Spring Washer, $\frac{3}{8}$ " x $\frac{3}{4}$ "	1	3
12826	Intermediate Exhaust Pipe	1	5 6
12830	" " Bracket	1	4 6
—	" " Spring Washer, $\frac{3}{8}$ " x $\frac{3}{4}$ "	1	4
—	Intermediate Exhaust Pipe Bracket Clamping Bolt, with Nut and Spring Washer, $\frac{3}{8}$ " x $\frac{3}{4}$ "	1	3

## Silencer—Continued.

Part No.	Description	No. per Car	Price each £ s. d.
12827	Tail Pipe	1	10 6
12831	" " Bracket (rear)	1	4 0
—	" " Frame Bolt, with Nut and Spring Washer, $\frac{3}{8}$ " x $1\frac{1}{2}$ "	1	4
—	Tail Pipe Bracket Clamping Bolt, with Nut and Spring Washer, $\frac{3}{8}$ " x $\frac{3}{4}$ "	1	3

  

12399	Petrol Tank, complete with Brackets, Drain Plug, and Flange for Level Gauge, but less Filler Pipe and Cap	1	3 12 0
—	Petrol Filler, complete with Cap (state length of neck when ordering)	1	10 9
—	Petrol Filler Hose, $3\frac{1}{2}$ " dia., $5\frac{1}{2}$ " long	1	1 3
—	" " Clip, Jubilee No. 4	2	1 6
—	" " Tank Drain Plug, $\frac{1}{2}$ " gas	1	5
7235	" " Washer	1	1 5
10904	Front Bracket Rubber Pad	2	1 6
—	" " Bolt, with Nut, Plain Washer, and Split Pin, $\frac{3}{8}$ " x $1\frac{1}{2}$ "	1	4
4477	" " Steel Washer	1	1 1
8354	Rear Bracket Cap	2	1 6
—	" " Bolt, with Spring Washer, $\frac{1}{2}$ " x $\frac{3}{4}$ "	4	3
7377	Petrol Pipe Clamping Plate	7	6
—	" " Bolt, with Nut and Spring Washer, 2 BA x $\frac{3}{8}$ "	14	3
11292	Main Petrol Pipe from Tank (front half)	1	4 9
11294	Reserve Petrol Pipe from Tank (front half)	1	4 9
12836	Main Petrol Pipe from Tank (rear half)	1	11 0
12837	Reserve Petrol Pipe from Tank (rear half)	1	10 0
—	12-7 Union between front and rear half pipes	2	5
12884	Rear Petrol Pipe Clip to frame	1	3
—	" " Bolt, with Nut and Spring Washer, 2 BA x $\frac{3}{8}$ "	2	2
—	Petrol Tap, 3-way	1	6 8
11298	" " Spindle	1	5
9264	" " Handle	1	2 0
—	" " Taper Pin, No. 0000 x $\frac{3}{8}$ "	1	5
6314	" " Spindle Joint Pin, with Split Pin	1	5
11305	" " Pipe Clip	2	3
—	" " Bolt, with Nut and Spring Washer, 2 BA x $\frac{3}{8}$ "	2	3
13324	Petrol Tap Support (or Stay)	1	6
—	" " Screw, with Nut, 4 BA x $\frac{3}{8}$ "	2	2
12069	" " Pipe—Tap to Pump with Nuts and Nipple	1	4 3
12838	" " —Pump to Carburettor, with Nuts and Nipple	1	3 0
11392	" " Branch Pipe between Carburettors	1	12 6
11-3	" " Union	1	5
—	Carburettor Union (Banjo Centre Piece)	3	5
—	Thimble Strainer	3	6
13249	Petrol Pipe—Carburettor to Balance Pipe, with Nuts (only for Engine No. 11744 and onwards, where easy starting device is fitted)	1	1 6
—	Petrol Level Gauge (Tank Unit), 16 gallon, Type X 30821	1	10 6
—	" " (Dash unit)—see Equipment List.		

## Wheels.

Part No.	Description	No. per Car	Price each £ s. d.
—	Wheel, 3.25" x 19", Wheel Base, Wire Spokes, Corrugated Centre	5	*2 18 0
—	Cover, 31" x 5.5" Dunlop	5	*3 9 0
—	Tube, to suit above cover	5	*13 6 0
—	Wheel, 3.25" x 19", fitted with 31" x 5.5" Cover and Tube	5	*7 1 3
10261	Driving Plate (corrugated)—see Front and Rear Axle Sections.		3 6
9654	Wheel Nut, O.S. (only for Chassis up to and including 10850) Ch. Pl.	2	13 0
9666	Wheel Nut, N.S. (only for Chassis up to and including No. 10850) Ch. Pl.	2	13 0
12494	Wheel Nut, O.S. (for Chassis No. 10851 and onwards)	2	13 0
12495	" " N.S. (for Chassis No. 10851 and onwards)	2	13 0
—	Hub Grease Caps—see Front and Rear Axle Sections.		

**NOTE**—All wheels are enamelled black. 7/6 extra per wheel if painted.

\* Subject to Makers List Fluctuations.

## Tools and Equipment.

**NOTE**—Parts in this section marked with an asterisk are special to cars supplied by Messrs. Charles Follett, Ltd., of London.

12498	Starting Handle, fitted complete	1	16 0 0
—	Jack Handle, complete for D.W.S. Jacks	1	1 16 9
—	Tool Roll, only (Leather)	1	7 6 0
—	Wheel Nut Mallet	1	3 9 0
—	Hammer	1	1 9 0
—	Screwdriver	1	1 6 0
—	Pair of Pliers	1	1 6 0
—	Tommy Bar (10 inch)	1	6 0 0
—	Tyre Pump (foot-operated)	1	12 6 0
—	" " Pressure Gauge—Schrader	1	6 10 0
—	Spanner—flat, double end, $\frac{1}{2}$ " and $\frac{3}{8}$ "	1	9 0 0
—	" " " " " " $\frac{1}{2}$ " and $\frac{3}{8}$ "	1	10 0 0
—	" " " " " " $\frac{1}{2}$ " and $\frac{3}{8}$ "	1	1 2 0
—	" " " " " " $\frac{1}{2}$ " and $\frac{3}{8}$ "	1	1 6 0
—	" " " " " " tube, double end, set of three, with Tommy Bar for Sparking Plug	1 set	3 3 0
—	" " " " " " adjustable	1	5 4 0
—	" " " " " " for Magneto	1	9 0 0
—	" " " " " " for Hub Grease Cap	1	1 9 0
—	" " " " " " for Water Pump Gland	1	2 6 0
12073	Timing Gauge for Camshaft Chain	1	6 0 0
7992	Lubrication Chart for Dash, Plate XVIII	1	2 3 0
6994	Interior Driving Mirror (for Saloon Models)	1	10 6 0
—	Exterior Driving Mirror (for Open Models)	1	12 6 0
—	Licence Holder	1	5 0 0
—	Radiator Mascot	1	2 5 0
11842	Clutch and Brake Pedal Rubber	2	2 0 0
—	Car Registration Number Plates	1 pr.	19 6 0
9606	Battery Holding-down Studs, with Nuts and Washers	4	2 3 0
—	Oil Can and Bracket, complete	1	2 0 0
—	" " Grease Gun, $\frac{1}{8}$ " complete, " Wakefield	1	5 0 0
—	" " Grease Nipple, $\frac{1}{8}$ " gas, straight, for Propeller Shaft	2	2 0 0
—	" " " " " " gas, elbow, for Brake Cables	4	1 3 0
—	" " " " " " gas, straight, for Clutch Shaft	1	8 0 0

## Tools and Equipment—Continued.

Part No.	Description	No. per Car	Price each £ s. d.
<b>The following parts are for Cars where Spare Wheel is carried at side.</b>			
12346	Spare Wheel Clamping Plate	1	9 0 0
12680	" " " " Securing Nut (T-shape)	1	5 0 0
12679	" " " " Tie Rod, with Nuts	1	2 6 0
12649	" " " " Collar	1	3 6 0
—	" " " " Bolt, with Nut and Spring Washer, $\frac{3}{8}$ " x $\frac{11}{16}$ " plated	1	6 0 0
12647	Spare Wheel Support Arm, with Nut and Washer	1	5 0 0
12833	" " " " Bracket (inside body)	1	2 6 0
—	" " " " Bolt, with Nut and Spring Washer, $\frac{1}{2}$ " x $\frac{1}{2}$ "	2	4 0 0
12702	Spare Wheel Support Arm Rubber Ferrule	1	2 2 0
12879	" " " " Cap for Wheel Hub	1	2 6 0
12880	" " " " Back Plate	1	1 6 0
12881	" " " " Centre Stud	1	6 0 0
—	" " " " Wing Nut, $\frac{1}{2}$ " B.S.F.	1	6 0 0
<b>The following parts are for Cars where Spare Wheel is carried at rear.</b>			
13060	Spare Wheel Centre Boss	1	5 6 0
13061	" " Clamping Plate	1	3 6 0
13115	" " Handle	1	3 6 0
<b>The following parts only apply to Cars fitted with Centrifugal Type Speedometer and Rev. Counter.</b>			
—	Instrument Panel, Type F.T. 82/2, complete with all instruments	1	24 2 6
—	Speedometer only, 5" dia., Type 27297	1	6 6 0
—	Rev. Counter only, 5" dia., Type 27296	1	6 6 0
—	Speedometer Cable, 6' 6" long, Type 27112	1	1 2 6
—	" " " " " " 7' 0" long, Type 27112	1*	1 2 6
—	Rev. Counter, 2' 6" long, Type 18799	1	13 0 0
—	Speedometer Cable, 3' 3" long, Type 18799	1*	13 0 0
—	Clock, 63 m/m dia., Type Z 35417 F	1	2 2 0
—	Oil Pressure and Heat Gauge combined, 63 m/m dia., Type 34715	1	1 16 0
—	Petrol Level Gauge (dash unit), Type X 30822	1	9 0 0
<b>The following parts only apply to Cars fitted with Nemag Type Speedometer and Rev. Counter.</b>			
—	Instrument Panel, Type F.T. 82/2, complete with all instruments	1*	24 2 6
—	" " " " " " Type F.T. 90, complete with all instruments	1	24 2 6
—	Speedometer, only 5" dia., Type X 34952	1	6 6 0
—	Rev. Counter with combined Clock, 5" dia., Type X 33458	1	8 0 0
—	Speedometer Cable, 6' 6" long, Type X 27144	1	1 2 6
—	" " " " " " 7' 0" long, Type X 27144	1*	1 2 6
—	Rev. Counter Cable, 2' 9" long, Type X 27126	1	13 0 0
—	" " " " " " 3' 3" long, Type X 27126	1*	13 0 0
—	Oil Pressure Gauge, 63 m/m dia., Type X 26795	1	1 1 0
—	Heat Gauge, 63 m/m dia., Type X 31188	1	1 5 0
—	Petrol Level Gauge (dash unit), Type X 30822	1	9 0 0
<b>Parts in this group do not apply to cars supplied by Messrs. Charles Follett, Ltd.</b>			
12725	Instrument Panel Support, N.S.	1	11 6 0
12726	" " " " " " O.S.	1	11 6 0
—	Instrument Panel Support Bolt, with Nut and Spring Washer, $\frac{1}{2}$ " x $\frac{3}{8}$ "	5	3 0 0
—	Instrument Panel C/sunk Screw, with Nut and Spring Washer, $\frac{1}{2}$ " x $\frac{1}{4}$ "	4	2 0 0

