

# PARTS PRICE LIST

25 - 30 HP

## HARRIS GASOLINE ENGINES

EFFECTIVE MAY 1, 1921

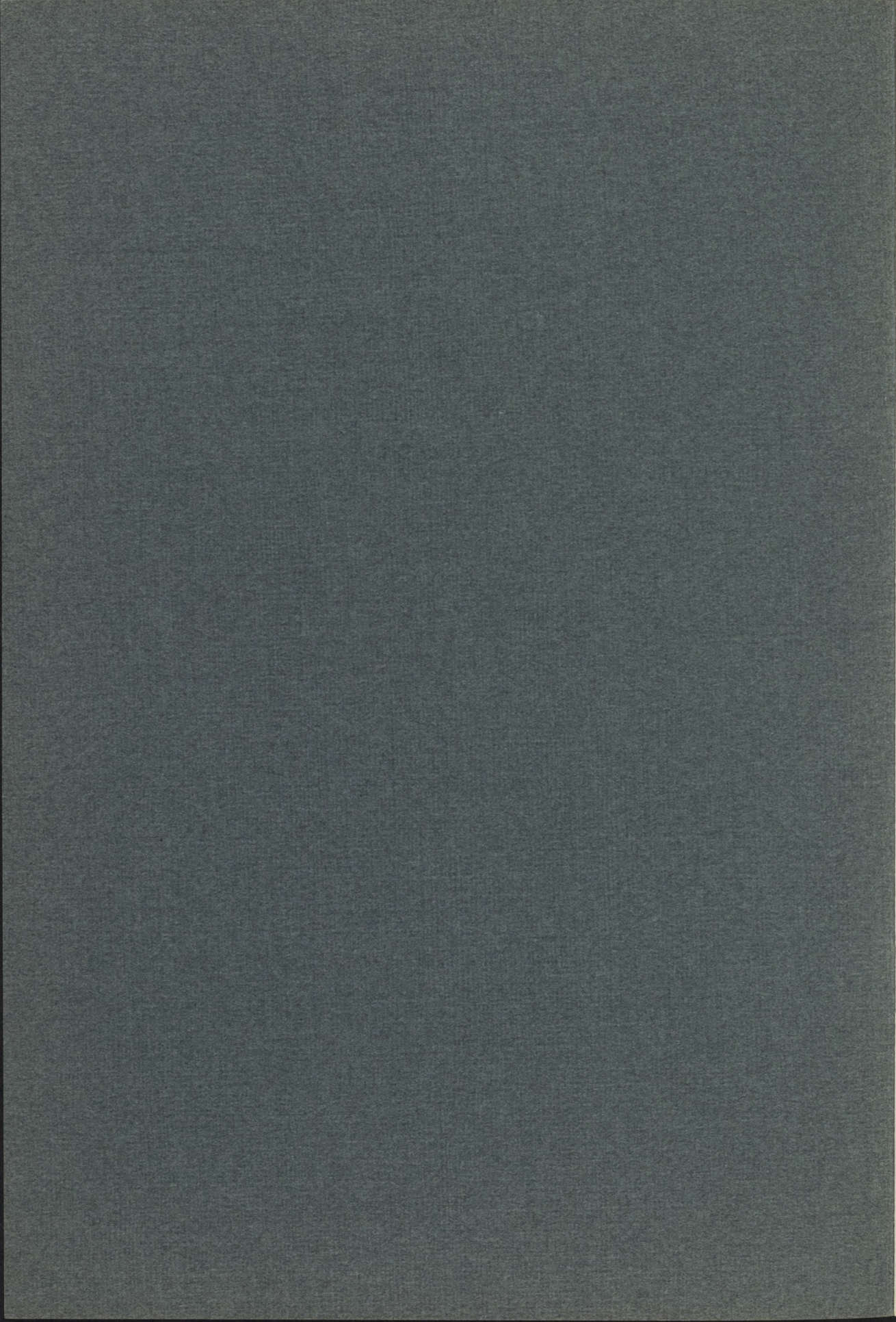
(SUBJECT TO CHANGE WITHOUT NOTICE)



THE HARRIS MANUFACTURING COMPANY

EXECUTIVE OFFICE AND FACTORY  
STOCKTON, CALIFORNIA

BRANCH OFFICE AND FACTORY  
WALLA WALLA, WASHINGTON



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25-30 H.P.

# HARRIS GASOLINE ENGINES

PRICE THE WAY IT SHOULD BE

QUANTITY DISCOUNTS AVAILABLE



## THE HARRIS MANUFACTURING COMPANY

WALLA WALLA, WASHINGTON  
Branch Office and Factory

STOCKTON, CALIFORNIA  
Branch Office and Factory

## INSTRUCTIONS FOR ORDERING EXTRAS

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Place your orders as far in advance of harvest as possible.

Place all orders with our authorized dealer in your territory.

Order all parts by LETTER, if possible.

If need for parts is urgent, order by TELEGRAPH. Telephone orders are taken at purchaser's risk as to delays and all transportation charges.

Give number and full description of parts, as well as size of machine for which wanted. Only our castings and motor parts are numbered. Therefore, give measurements as well as full description when ordering parts for Drapers, Straw Carriers, Grain Carriers, Jackson Feeders, Separator Shoes, Screens, Shafting, etc.

Give your postoffice address, shipping point, county and state. Indicate whether shipment is wanted by express, freight or parcel post.

Consider the time of less-than-carload freight shipments before ordering parts by freight.

Express and freight shipments will be made charges collect unless there is no freight or express agent at your shipping point, in which case charges will be prepaid and added to charge for parts.

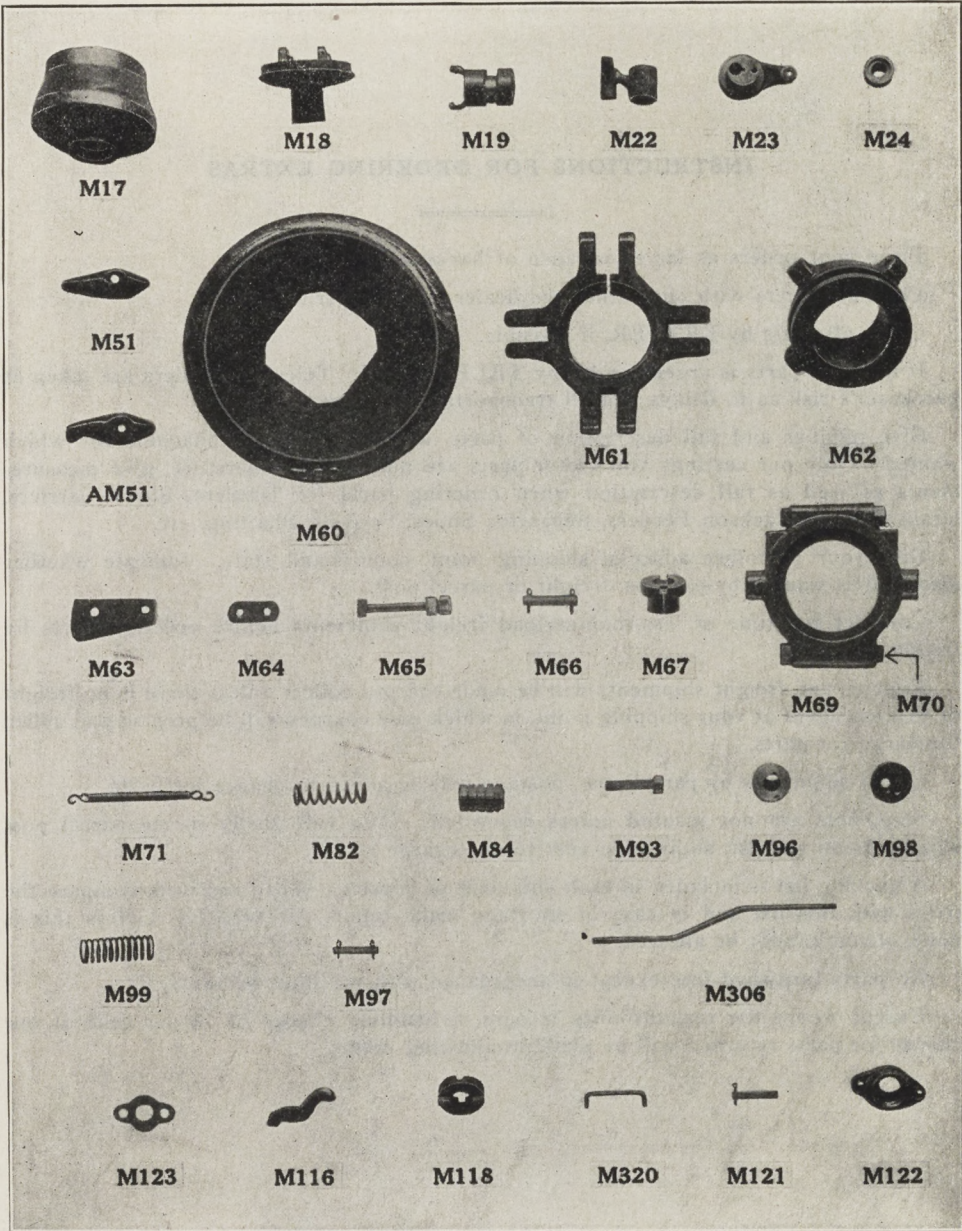
On all shipments by parcel post, postage will be added to charge for parts.

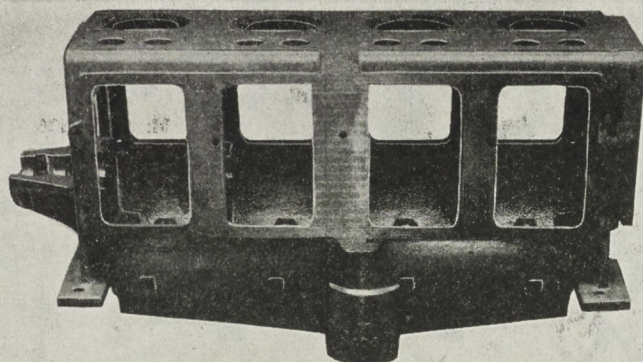
Shipments are not insured unless requested. (We will gladly insure parcel post shipments on request, adding the cost to our charge.)

A packing list is included in each shipment of repairs. When received, compare the parts with this list and in case of shortage make report AT ONCE. Unless this is done, claims cannot be allowed.

No parts furnished free except in accordance with machine warranty.

Except where the responsibility is ours, a handling charge of 10 per cent of our charge for parts returned will be made in allowing credit.

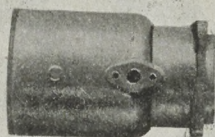




M404



M401



M403



M407



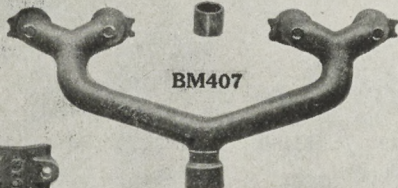
M405



M410



M412



BM407



M406

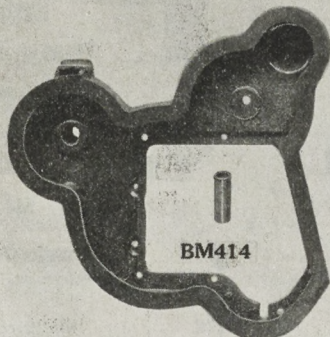


M411



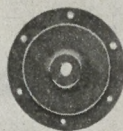
M413

M408

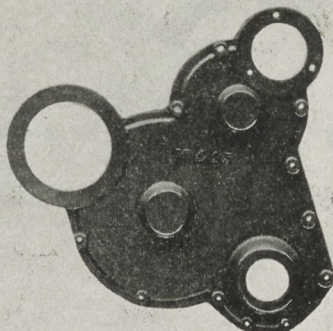


BM414

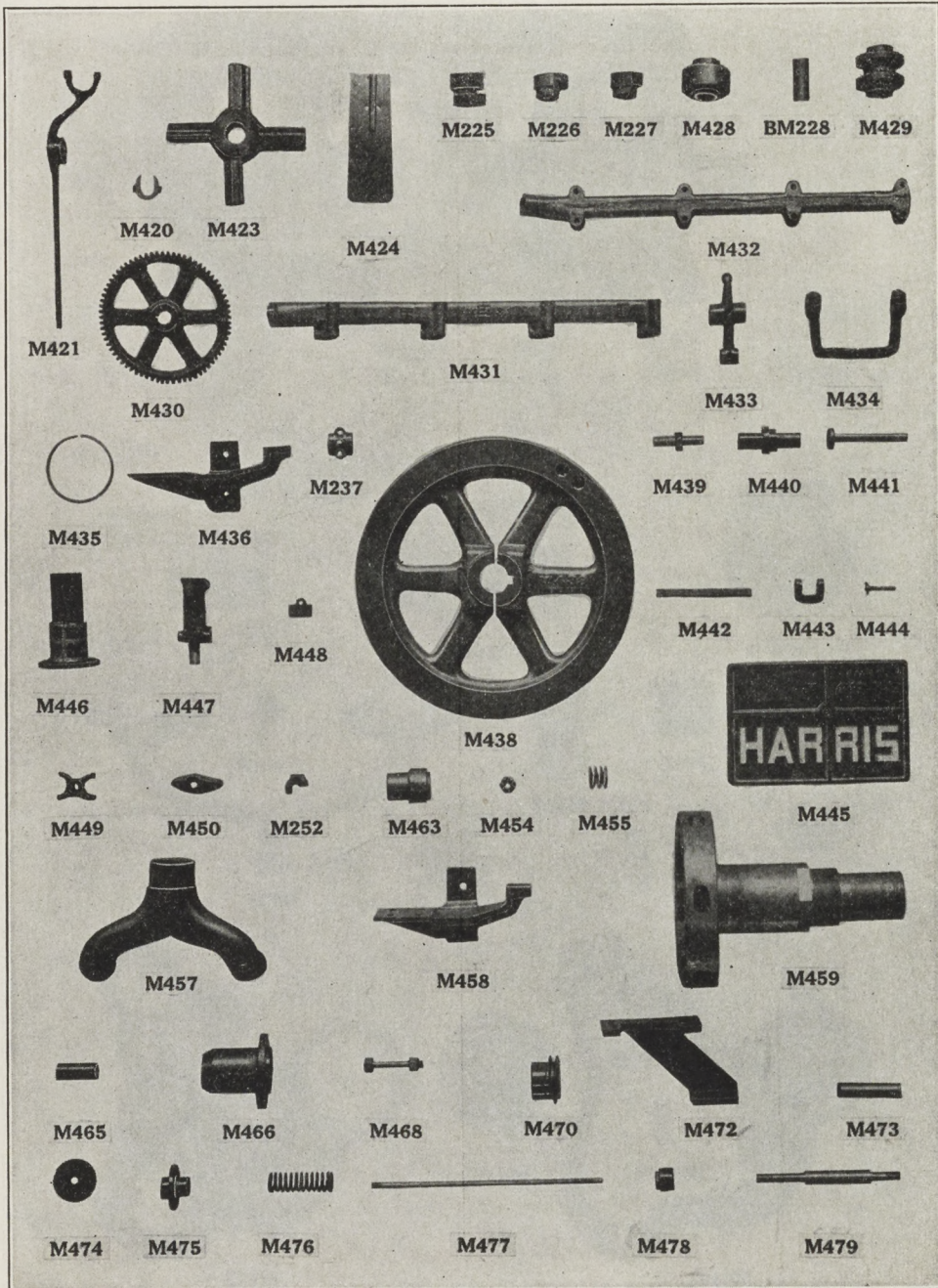
M414



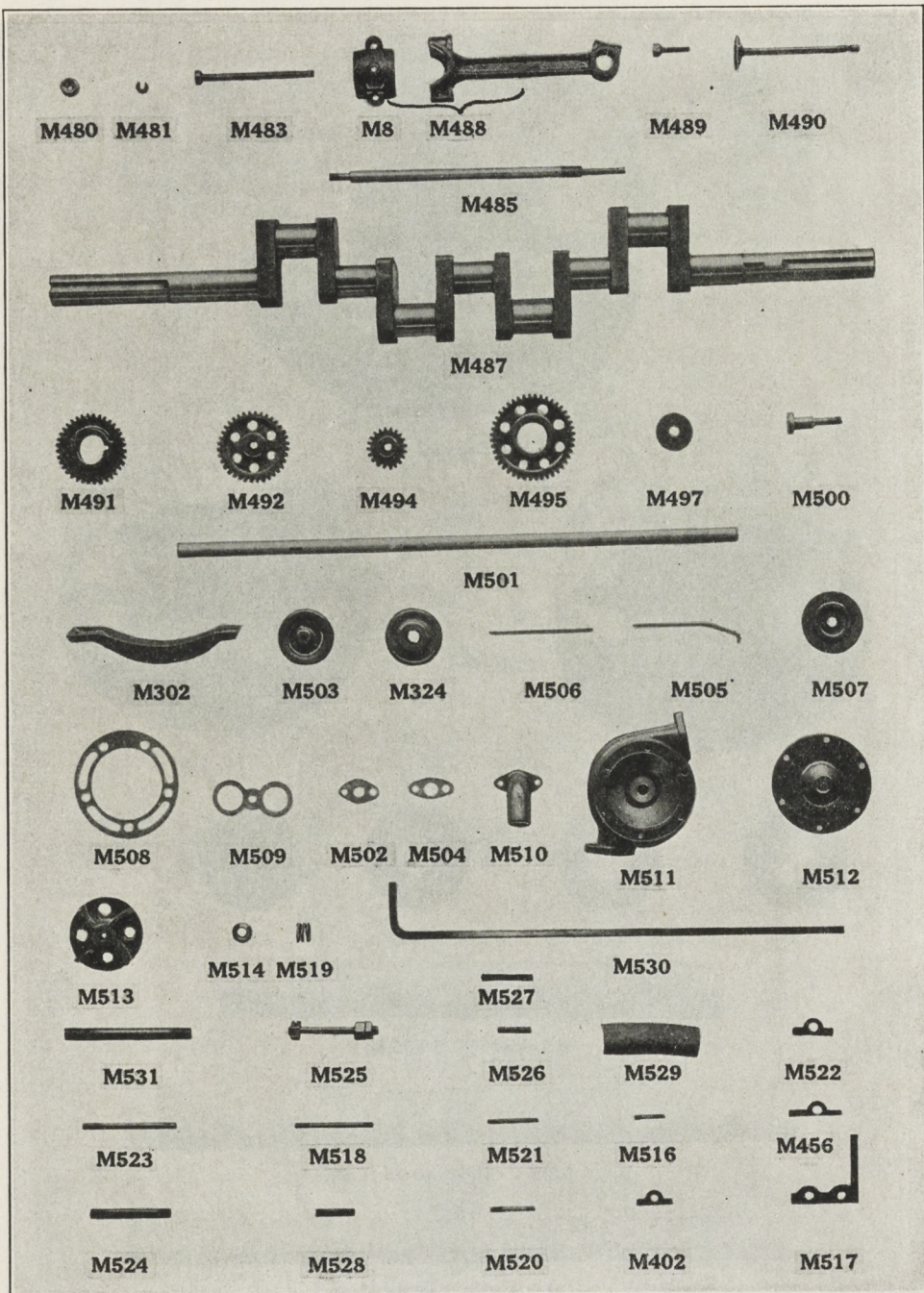
M416

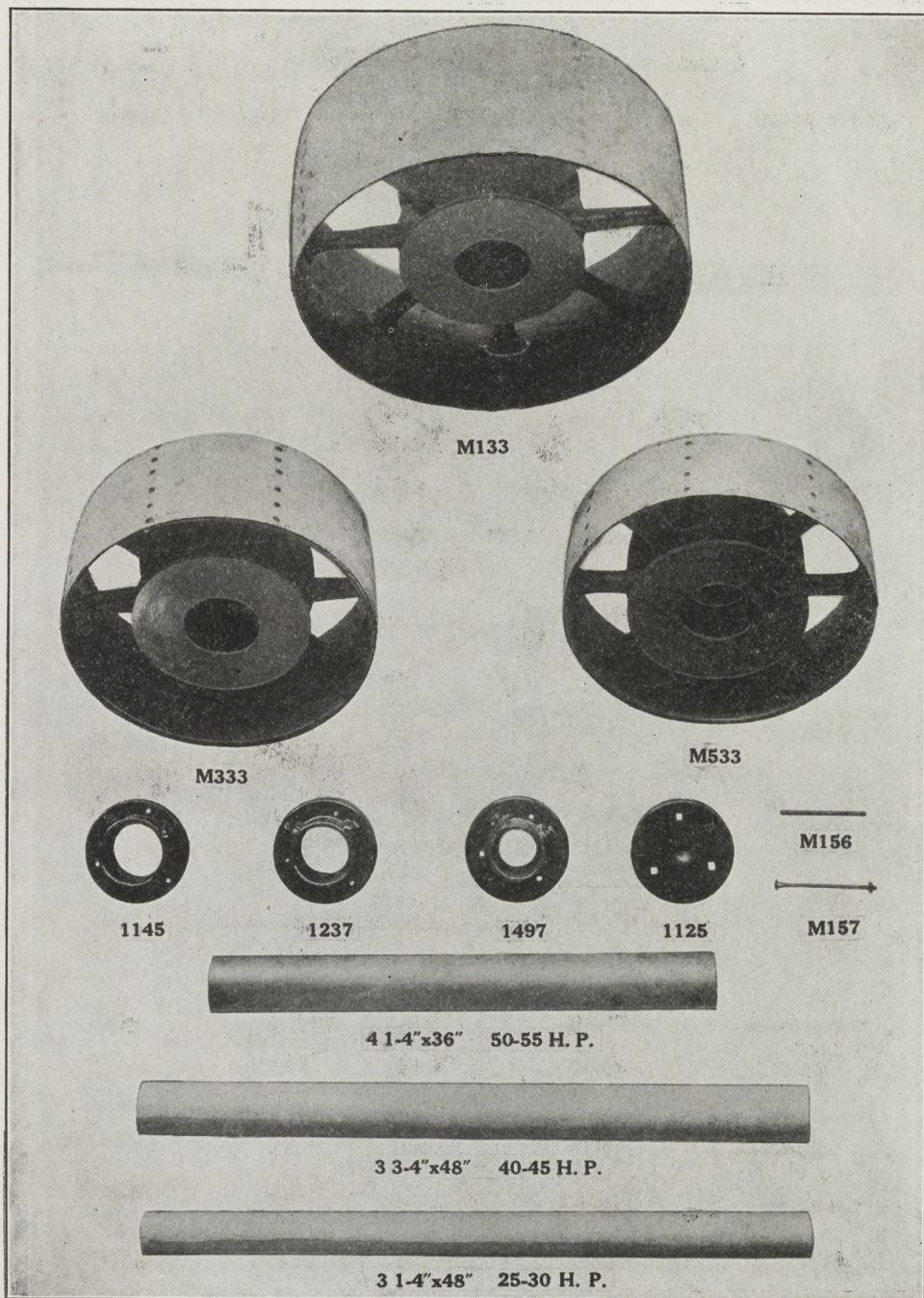


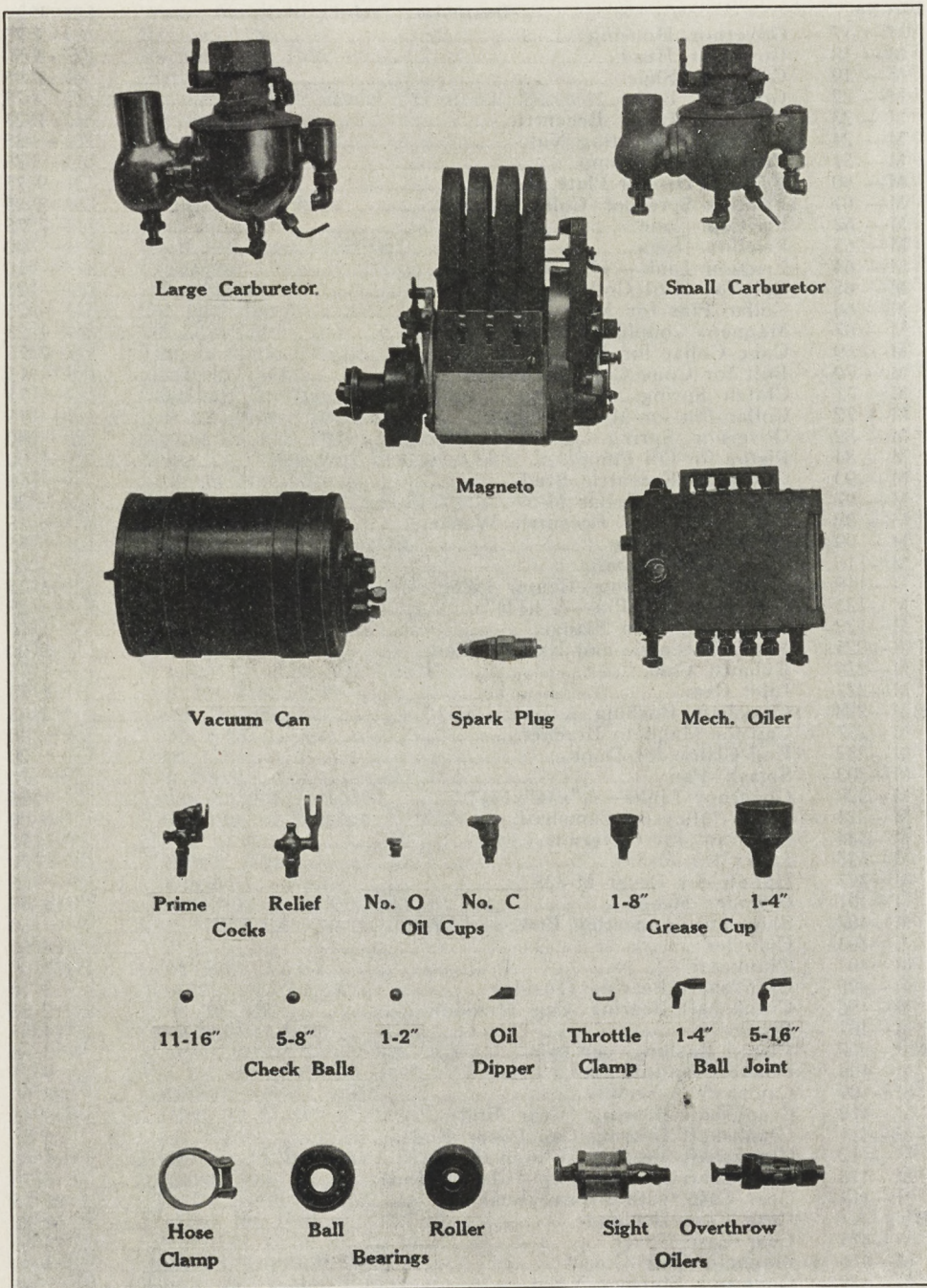
M415











## PARTS LIST

## HARRIS 25-30 H. P. TYPE "D" MOTOR

| Part No. | Description   | Price  |
|----------|---|--------|
| M-17     | Governor Housing.....   | 3 75   |
| M-18     | Governor Head.....  | 3 50   |
| M-19     | Governor Slide.....   | 1 95   |
| M-22     | Governor Ball.....  | 75     |
| M-23     | Governor Lever Eccentric.....   | 1 25   |
| M-24     | Governor Adjusting Nut.....   | 35     |
| M-51     | Center Door Clamp.....  | 25     |
| M-60     | Friction Disc or Plate.....   | 9 75   |
| M-61     | Friction Spreader Collar.....   | 8 25   |
| M-62     | Friction Cone.....  | 7 75   |
| M-63     | Friction Dogs.....  | 90     |
| M-64     | Friction Link— $\frac{3}{8}$ "x1"x $2\frac{1}{8}$ ".....                | 10     |
| M-65     | Bolt for M-61 Collar.....   | 25     |
| M-66     | Collar Pins for M-61 (Short).....                                       | 25     |
| M-67     | Magneto Coupling Flange.....  | 1 25   |
| M-69     | Cone Collar for Friction (2 Pieces).....                                | 7 75   |
| M-70     | Bolt for Cone Collar M-69.....  | 15     |
| M-71     | Clutch Spring.....  | 75     |
| M-72     | Collar Pin for M-61 (Long).....   | 15     |
| M-82     | Governor Spring.....  | 40     |
| M-84     | Piston for Oil Pump.....  | 1 00   |
| M-93     | Governor Eccentric Stud.....  | 50     |
| M-97     | Pin for Cone Collar M-69.....   | 20     |
| M-98     | Governor Lever Eccentric Washer.....                                    | 25     |
| M-99     | Oil Pump Spring.....  | 35     |
| M-116    | Fibre Tube Clamp.....   | 20     |
| M-118    | Magneto Coupling—Center Piece.....                                      | 1 25   |
| M-121    | Governor Ball Pin— $\frac{1}{8}$ "x $1\frac{1}{8}$ ".....               | 25     |
| M-122    | Water Manifold Flange.....  | 1 10   |
| M-225    | Pump Eccentric and Exhaust Cam.....                                     | 2 00   |
| M-226    | Exhaust Cam.....  | 1 75   |
| M-227    | Inlet Cam.....  | 1 75   |
| BM-228   | Camshaft Bushing.....   | 2 65   |
| M-237    | Cap for Magneto Bracket.....  | 40     |
| M-252    | End Clamp for Door.....   | 20     |
| M-302    | Splash Pan.....   | 70     |
| M-320    | Governor Links— $\frac{1}{8}$ "x $\frac{3}{8}$ "x $1\frac{7}{8}$ "..... | 25     |
| M-324    | Oiler Pulley on Camshaft.....   | 3 00   |
| M-334    | Quadrant for Governor Lever.....  | 75     |
| M-335    | Lever for M-334.....  | 70     |
| M-343    | Handle for Lever M-335.....   | 65     |
| M-401    | Cylinder Head.....  | 18 45  |
| M-402    | Shim for Connecting Rod, per dozen.....                                 | 50     |
| M-403    | Cylinder.....   | 28 50  |
| M-404    | Crankcase.....  | 155 00 |
| M-405    | Crankshaft Bearing (Inside).....  | 3 10   |
| M-406    | Crankshaft Bearing Cap (Inside).....                                    | 2 85   |
| M-407    | Piston.....   | 14 85  |
| BM-407   | Piston Bushing, per pair.....   | 3 80   |
| M-408    | Intake Manifold.....  | 9 25   |
| M-409    | Camshaft Assembly.....  | 28 50  |
| M-410    | Crankshaft Bearing (Gear End).....                                      | 3 45   |
| M-411    | Crankshaft Bearing Cap (Gear End).....                                  | 3 85   |
| M-412    | Crankshaft Bearing (Clutch End).....                                    | 4 85   |
| M-413    | Crankshaft Bearing Cap (Clutch End).....                                | 8 70   |
| M-414    | Gear Case, with Bronze Bushing.....                                     | 21 75  |
| BM-414   | Gear Case Bushing.....  | 2 20   |
| M-415    | Gear Case Cover.....  | 13 65  |
| M-416    | Magneto Gear Cover.....   | 4 10   |
| M-420    | Governor Shifting Yoke.....   | 95     |
| M-421    | Governor Arm.....   | 2 15   |
| M-423    | Fan Hub.....  | 5 85   |
|          | Fan Hub M-423, complete with blades.....                                | 11 50  |
| M-424    | Fan Blades.....   | 75     |
| M-428    | Camshaft Bearing (Center).....  | 5 00   |

| Part No. | Description  | Price  |
|----------|--|--------|
| M-429    | Camshaft Bearing (Gear End).....                       | 5 75   |
| M-430    | Camshaft Gear.....                                     | 12 85  |
| M-431    | Water Manifold (Outlet).....                           | 6 90   |
| M-432    | Water Manifold (Inlet).....                            | 6 10   |
| M-433    | Rocker Arm.....  | 1 50   |
| M-434    | Rocker Arm Bracket.....                                | 3 15   |
| M-435    | Piston Rings.....                                      | 90     |
| M-436    | Bracket for KW Model HK or RK Magneto.....             | 6 85   |
| M-438    | Flywheel.....  | 56 50  |
| M-439    | Valve Guides.....                                      | 1 80   |
| M-440    | Tappet Guides.....                                     | 1 50   |
| M-441    | Tappets.....   | 1 20   |
| M-442    | Rocker Arm Shaft.....                                  | 40     |
| M-443    | Push Rod End.....                                      | 65     |
| M-444    | Shaft for Push Rod End.....                            | 25     |
| M-445    | Crankcase Door.....                                    | 4 85   |
| M-446    | Oil Pump.....  | 8 00   |
| M-447    | Oil Distributor.....                                   | 8 65   |
| M-448    | Oil Distributor Cap.....                               | 75     |
| M-449    | Tappet Guide Clamp.....                                | 25     |
| M-450    | Manifold Clamp.....                                    | 40     |
| M-453    | Camshaft Bearing (Clutch End).....                     | 4 65   |
| M-454    | Nut for Pump Shaft.....                                | 25     |
| M-455    | Spring for Fan Drive.....                              | 35     |
| M-456    | Shim for Crankshaft Bearing (Gear End), per dozen..... | 40     |
| M-457    | Exhaust Manifold.....                                  | 6 25   |
| M-458    | Bracket for Bosch ZR-4 Magneto.....                    | 6 85   |
| M-459    | Friction Quill.....                                    | 33 50  |
| M-465    | Spreader for Fan Bearing.....                          | 35     |
| M-466    | Fan Housing.....                                       | 4 55   |
| M-468    | Connecting Rod Bolt, with Nuts.....                    | 75     |
| M-470    | Oil Slinger.....                                       | 1 75   |
| M-472    | Oiler Bracket.....                                     | 2 75   |
| M-473    | Piston Pin.....  | 3 00   |
| M-474    | Washer for Fan Attachment.....                         | 50     |
| M-475    | Hub for Fan Drive.....                                 | 3 70   |
| M-476    | Valve Spring.....                                      | 55     |
| M-477    | Push Rod.....  | 55     |
| M-478    | Dust Cap.....  | 45     |
| M-479    | Fan Shaft.....   | 1 50   |
| M-480    | Valve Spring Washer.....                               | 50     |
| M-481    | Valve Spring Washer Stirrup.....                       | 50     |
| M-483    | Pump Rod.....  | 95     |
| M-485    | Magneto Shaft.....                                     | 1 75   |
| M-487    | Crankshaft.....  | 110 00 |
| M-488    | Connecting Rod, complete.....                          | 19 75  |
| M-489    | Cap Screw for Connecting Rod (Upper End).....          | 60     |
| M-490    | Valve.....   | 3 00   |
| M-491    | Crankshaft Gear.....                                   | 7 50   |
| M-492    | Magneto Shaft Gear.....                                | 5 80   |
| M-494    | Gear for Fan.....                                      | 3 65   |
| M-495    | Intermediate Gear.....                                 | 7 25   |
| M-497    | Washer for Intermediate Gear.....                      | 50     |
| M-500    | Pin for Intermediate Gear.....                         | 1 65   |
| M-501    | Camshaft (shaft only).....                             | 4 75   |
| M-502    | Gasket for Outlet Water Manifold.....                  | 10     |
| M-503    | Oiler Pulley.....                                      | 2 75   |
| M-504    | Gasket for Inlet Water Manifold.....                   | 10     |
| M-505    | Speeder Rod.....                                       | 30     |
| M-506    | Throttle Rod.....                                      | 30     |
| M-507    | Washer for End of Friction.....                        | 1 25   |
| M-508    | Gasket for Cylinder Head.....                          | 1 00   |
| M-509    | Gasket for Manifolds.....                              | 35     |
| M-510    | Elbow for Water Pump.....                              | 90     |
| M-511    | Pump Body.....   | 12 25  |
| M-512    | Pump Cover.....  | 2 50   |
| M-513    | Pump Spiral.....                                       | 3 60   |
| M-514    | Stuffing Box Gland.....                                | 1 60   |
| M-516    | Stud for Tube Clamp.....                               | 30     |

| Part No. | Description                                       | Price |
|----------|---|-------|
| M-517    | Shims for Clutch End Crankshaft Bearing, per doz. | 50    |
| M-518    | Stud for Manifold Clamps                          | 35    |
| M-519    | Spring for Stuffing Box                           | 35    |
| M-520    | Stud for Intake Water Manifold                    | 25    |
| M-521    | Stud for Outlet Water Manifold                    | 25    |
| M-522    | Shims for Center Crankshaft Bearings, per dozen   | 40    |
| M-523    | Stud for Cylinder Head (Long)                     | 40    |
| M-524    | Stud for Cylinder (Short)                         | 40    |
| M-525    | Stud for Inside Main Bearings                     | 30    |
| M-526    | Stud for Door (Center)                            | 15    |
| M-527    | Stud for Door (Corners)                           | 15    |
| M-528    | Stud for Door (Bottom Center)                     | 15    |
| M-529    | Pump Hose   | 55    |
| M-530    | Priming Cup Lever                                 | 50    |
| M-531    | Stud for Quill                                    | 90    |
| M-533    | Friction Drive Pulley—20" Diameter, 6½" Face      | 50 00 |
| 1125     | Spark Arrester, top                               | 1 75  |
| 1497     | Spark Arrester, bottom                            | 2 75  |

### MISCELLANEOUS PARTS

#### 25-30 H. P. HARRIS MOTOR

| Description                             | Price              |
|---|--------------------|
| Ball and Socket Joint (¼"x¼")           | 20                 |
| Ball and Socket Joint (¼"x⅜")           | 20                 |
| Brass Nipples—⅛"                        | 15                 |
| Brass Elbows—⅛"                         | 20                 |
| Bearing-Ball, for Fan Shaft             | 7 50               |
| Bearing-Roller, for Intermediate Gear   | 5 75               |
| Copper Tubing                           | (Write for Prices) |
| Carburetors                             | (Write for Prices) |
| Clarifiers, each                        | 14 25              |
| Cloths—Clarifier, each                  | 1 00               |
| Clutch Lever                            | 8 35               |
| Exhaust Pipes, each                     | 4 00               |
| Felt—¼", per pound                      | 4 45               |
| Fibre Tubing—⅞", per foot               | 50                 |
| Magnetos—KW Model RK                    | (Write for Prices) |
| Oilers—Manzel Force Feed—4-feed         | 30 00              |
| Oilers—"Gits," ⅛" Shank                 | 20                 |
| Oiler Drive Belt                        | 85                 |
| Priming Cups—Fig. 368                   | 2 75               |
| Sight-Feed Oil Cups—Fig. 33             | 3 00               |
| Sight Feed for Overflow (Fig. 738-A)    | 2.60 4 25          |
| Spark Plugs—Splittdorf Heavy Duty, each | 1 25               |
| Spark Arresters (No. 1497 bottom), each | 7 50               |
| Spark Plug Wrench                       | 1 00               |
| Starting Bar                            | 1 00               |
| Steel Balls—⅜", each                    | 15                 |
| Stoves—Hot-air for Carburetors          | 8 00               |
| Taper Pins—No. 4, 2"                    | 06                 |
| Taper Pins—No. 5, 1½"                   | 06                 |
| Taper Pins—No. 2, 1½"                   | 05                 |
| Taper Pins—No. 1, 1"                    | 03                 |
| Vacuum Tanks—Stewart                    | 12 50              |
| Wire—Magneto, per foot                  | 15                 |
| Wire Terminals, each                    | 05                 |
| Woodruff Key No. 5                      | 05                 |

