

Complete Catalog of Special Accessories for Ford Cars At Money Saving Prices

Specializing as we do **only** on FORD ACCESSORIES and selling thousands of dollars worth of these parts by mail to FORD OWNERS in every section of this country we are in position to sell at **lower prices** than any concern in the regular auto supply business.

We Sell Only Accessories for Ford Motor Cars

Why pay HIGH PRICES to concerns who only carry side lines of Ford Supplies, when you can buy from headquarters and SAVE MONEY? Buying from US also means that you are actually receiving articles that are meant to be used on FORD CARS—that are made to be used exclusively on FORD CARS. Every accessory we sell is backed by our GUARANTEE of Your Money's Worth or Your Money Back.

**WE HELP YOU KEEP DOWN
THE UPKEEP OF YOUR FORD.
WHY PAY HIGH PRICES?**

SPECIALTY AUTO PARTS CO.

"The Ford Car Accessory Specialists"

15 Beekman Street, New York City, N. Y. U. S. A.

**Compare Our Prices With Those of Your Local
Dealer or Anyone And See The Advantages
Of Buying From Us**

—and not alone are our prices lower for the **same** articles, but in most cases our qualities are **better**. Our **low** prices are **not** made at the expense of quality. Our **immense** trade enables us to purchase in **large** quantities and to keep expense at a **minimum**; this, together with the fact that we have **no salesman** and cater to only **one** branch of the trade, **FORD SPECIALTIES** enable us to sell at such low prices—

OUR LIBERAL MONEY-BACK GUARANTEE

WE REFUND YOUR MONEY on any article purchased from us that does not prove entirely satisfactory, or does not come up to your expectations. Goods that have not been used can be returned to us for exchange within any reasonable time and **money will be refunded** if no exchange is desired. We handle no cheap merchandise of any kind. Everything must be perfect in every respect. Order any article therein with the distinct and positive understanding that your money will be refunded if the goods are not satisfactory.

YOU will find a broad and liberal business policy back of each transaction, protecting the customer always—affording you the same pleasure, safety and satisfaction as if you visited us personally.

OUR TERMS AND HOW TO ORDER

Our terms are cash with order. Use our regular order blank if possible, otherwise any plain sheet of paper will do, giving catalog number and price of each article and any other information requested, give your name, postoffice address and shipping point (if different from your postoffice), send the purchase price in the form of an express or postoffice money order, bank draft or even currency, if in a registered letter; if you have a checking account in a bank you may send us your personal check; mail your order to us and under our liberal guarantee you take no risk whatever.

We Don't Want Your Money if You Don't Want Our goods

One disgruntled customer will hurt us more than a dozen satisfied customers will help us. This broad "money back" plan of our's protects us as well as it protects you—but—don't forget *that*—it **DOES** protect you—it **DOES** insure you complete satisfaction—it **DOES** make it safe for you to try our "DIRECT TO OWNER METHOD" and see for yourself how easily you can slice a clean third off your buying expenses.

Page Through This Catalog and Send in a Test Order Today

You Must Be Satisfied—Or You Must Take Your Money Back
Use the enclosed order blank

Specialty Auto Parts Co.

THE FORD ACCESSORY SPECIALISTS

15 Beekman Street

:: :: ::

New York

To Our Patrons

AND THE MOTORING PUBLIC

In offering this catalog for your kind consideration, we call particular attention to the fact that every item represented is a specialty that has proven to be the **best** for **FORD CARS**. Only the **tried out, proven successes** are shown. Specializing as we do on only **one** line of supplies, we try out every article that is offered for sale on a **FORD CAR**, and if it proves satisfactory we adopt it and we **back up** our selection by a **guarantee** that **absolutely protects** you. We are the **PIONEERS** in this specialty business and therefore our catalog contains

The Largest Most Complete and Reliable Line of FORD Supplies in the United States

We ship all goods F. O. B. New York City, thus our prices **do not** include transportation charges. You will find that the charges for delivery is very small when compared with the saving we make you. We do not ask our customers to buy \$10.00 worth of goods if they only need \$8.00 worth, in order to "**save**" the transportation charges, for we actually save our customers more than the amount of transportation charges by reducing our selling prices. Remember, prices elsewhere always include transportation charges; that is, these charges are added to the dealer's cost, and in many instances you are asked to pay a profit even on the transportation charges themselves. The prices we quote are the **actual net value of the goods**, no additions whatsoever being made for express charges, etc.

For the convenience of figuring out the cost of transportation charges on each order, we state under the heading of each article the approximate net weight of each item. To these net weights you should add at least 10 per cent. for the packing. When goods are ordered by express, we pack the goods carefully in as light a case as possible and safe for contents, so as to save our customers as much on the express charges as possible.

We Slice The Price—Not The Quality Every Article Bought From Us Is Money Saved

Don't take our say so for it—just compare our prices with anyone else's. Our competitors look and wonder and do not know what to think of it, as it is a known fact to them that we sell goods as cheap as they can buy them. There's a reason. We buy thousands where they buy hundreds. And low prices here **does not** mean cheap goods—not a bit of it. If you buy an article here and find it in any way unsatisfactory, send it back and get your money back. We don't want your money unless you are satisfied and you have your money's worth. This is not sentiment—it's business. It pays us to treat you right.

**"IF IT'S GOOD AND FOR A FORD, WE HAVE IT, CAN
GET IT OR IT ISN'T MADE"**

Specialty Auto Parts Co.,

THE FORD ACCESSORY SPECIALISTS

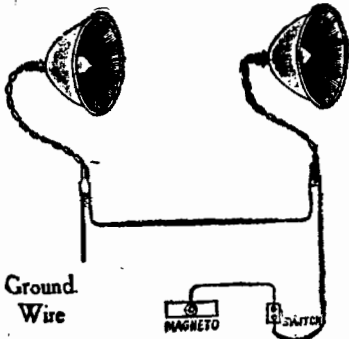
15 Beekman Street

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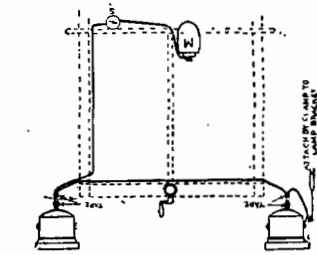
New York

Convert Your Gas Headlights Into Electric By USING OUR FORD "T" LIGHTING OUTFIT No. 1246

SPECIAL PRICE \$3.50 FOR COMPLETE ASSEMBLED OUTFIT



Why bother with a dirty troublesome generator or expensive gas tank when you can have bright electric illumination at no extra cost than that of simply fitting your regular gas lamps with these reflectors. The magneto on your Ford furnishes an inexhaustible supply of current that can be used for lighting as well as ignition purposes. There is enough surplus current to operate two 12 c.p. headlights without weakening the ignition of the motor. You have a complete lighting system at your disposal and in one hour you can remodel your lamps and change them from bothersome gas lamps into up-to-date electric headlights. We furnish all the material for the complete outfit, all assembled, ready to be installed, with wiring, connectors, etc. Complete outfit consists of two parabolic reflectors, two 6 volt, 12 c.p., 2 ampere Tungsten lamps, connectors, switch and 12 feet of wire. It is furnished ready for use. This outfit is not to be confused with any of the cheap outfits flooding the market which are being offered to Ford owners, and extreme care should be taken that the outfit you buy should be designed especially for a Ford, as much trouble has been developed by these cheaper outfits owing to the fact that they invariably burn out the bulbs when the engine is speeding. This outfit that we offer is the result of months of experimenting by expert electricians, and we can absolutely guarantee it to be as efficient as our regular headlights shown below.



Wiring Diagram of Ford Car
Furnished With Each Outfit

INSTALLING REFLECTORS IN LAMPS WHICH HAVE LOCK-WIRE

Remove lock-wire and insert reflector in door against glass, replacing lock-wire to hold reflector in position.

INSTALLING REFLECTORS IN LAMPS WHICH ARE WITHOUT LOCK-WIRE

Remove gas lamp doors and fit reflectors evenly against moulding which hold the glass. Scrape off all rough solder so that the reflector rests evenly against moulding.

Place brass lugs on the rim of door exactly opposite the three notched places in reflectors and solder them in place. Be sure to leave enough space between the moulding and the lugs to allow reflector to be turned to right or left. In this manner it is held in place.

ADJUSTMENT OF SOCKET TO OBTAIN BEST LIGHT

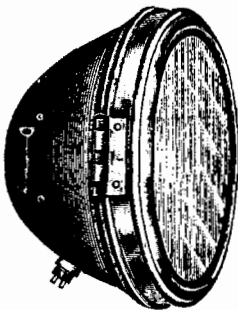
Each reflector is equipped with a set screw at the point where opening for socket is left. Slide socket containing bulb forward or backward to a point where the best light, free from black spots, is obtained and lock set screw in position.

No. 1246—Price of complete outfit, all ready to be installed \$3.50

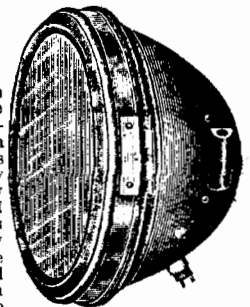
Two sizes of headlights are used on the Ford. When ordering be sure and give inside diameter of door.
Average shipping weight, about 3½ lbs.

TUNGSTEN ELECTRIC HEADLIGHT OUTFIT FOR FORD CARS

The Outfit That Has Met With The Approval of Every Ford Auto Owner

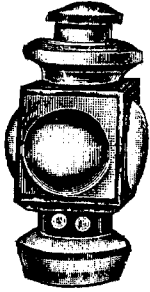


This is a special outfit designed for use on Ford cars with electric current furnished by the magneto. The lamps cannot be excelled for durability, excellence of construction and appearance. They are drawn of heavy metal in one piece, fitted with parabolic silver plated reflectors. Have focusing Ediswan sockets for regulating light. The reflectors in these lamps are highly burnished and will project an intense white light. The body of the lamps have a black metallic finish. The doors and trimmings are finished in brass. Outfit includes two headlights complete with Tungsten bulbs, wiring, switch and all necessary fittings so that anyone can install the outfit in a short time. We absolutely guarantee this outfit to give perfect satisfaction, and if after you have received them you are not pleased you can return them and your money will be refunded. The sale of these



outfits has been wide-spread and we as yet have received no complaints. They are designed especially for Ford cars and fit the brackets on the car perfectly. Lamps measure, 8½ inches over all.

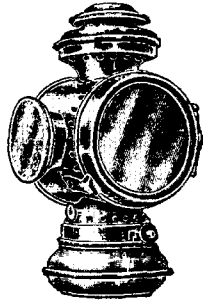
No. 1247—Complete outfit ready to install; weight for shipment, about 10 lbs. \$8.00



Our XXX Special
No. 1243
Tail Lamp

Black and Brass Finish
Price Each **\$2.35**

This is a special cold blast tail lamp designed especially for Ford cars, and so constructed that it fits the bracket on the car perfectly without fear of falling off. Is 10 1/2 inches high with white, ruby and green semaphore glasses. This tail lamp is guaranteed in every respect and is similar to the one used by the Ford Co. in design and finish. Shipping weight, 3 lbs.



"LEADER"
No. 1244
Tail Lamp

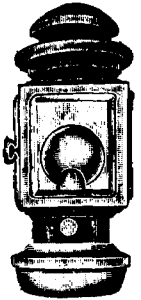
Black and Brass Finish
Price Each **\$1.15**

The best proposition in a low-priced Tail Lamp, and thoroughly recommended to those wishing a good lamp at a reasonable price. Absolutely guaranteed to stay lit under all conditions, and in any kind of weather, as no amount of jarring or vibration will put it out. Made of heavy polished brass. Height, 10 in.; diameter of door, 4 in.; diameter of red glass, 3 in. Shipping weight, 2 lbs.

OUR CRACKERJACK

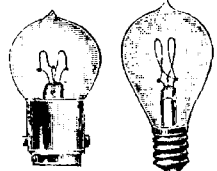
No. 1245
Side Lamp

Black and Brass Finish
Price per pair **\$3.50**



This side lamp is practically identical with the lamp used by the Ford Motor Co., and is adapted exclusively for Ford cars. Constructed of the heaviest metal and finished in black and brass. Extreme height of lamp, 10 inches. Glasses measure, 3 3/4 x 4 inches. Fit the Ford bracket perfectly. Shipping weight, 3 lbs. each.

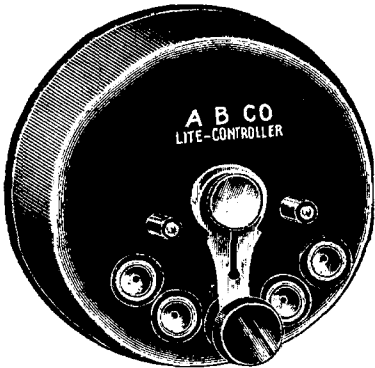
Special Tungsten Bulbs for Ford Lighting Outfits



These bulbs are designed for use in Ford outfits and lamps and are the only ones which will give the results required. They are made to burn in series, and bulbs not made this way cannot give satisfaction. It is advisable to have one or two of these bulbs always on hand. In ordering specify whether Edison Base No. 1241 is desired or whether Candelabra Base No. 1242 is needed. Examine the base of the bulb on your lamp and you will see which style you need. These bulbs are of the Tungsten type 6 v. 15 c.p. 2 1/2 amp. Either Style
No. 1241—Price, each35c.
No. 1242—Price, each35c.
Shipping weight, about 2 oz.

Lite-Controller for Ford Cars

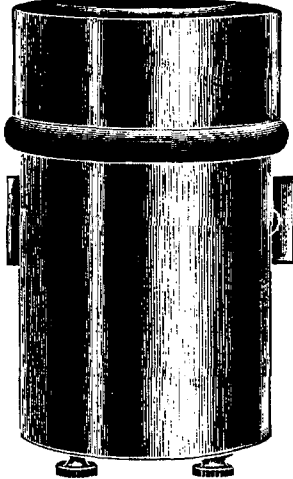
This Electric Light Controller is especially designed for use on Ford cars equipped with electric lighting outfits, and will eliminate the burning out of electric bulbs. Will maintain a standing current in the lamps, regardless of engine speed, and after instrument is adjusted it is impossible to burn out your bulbs or to use up too much current. It is provided with three steps in order that the system may be adapted to Ford magnetos of any strength. Is very small, being about the size of an ordinary switch and is easily attached to the dash board. Made of the very best materials throughout, neatly finished, and packed complete with instructions for attaching. Suitable for all models of Ford cars. Shipping weight, 10 oz.



models of Ford cars. Shipping weight, 10 oz.

No. 1270—Our Price\$3.25

No. 1268 The New Master Vibrator



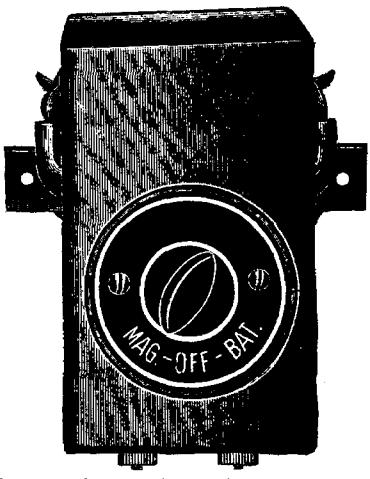
We have constructed this indestructible water and heat proof Master Vibrator to meet the demand for a low price instrument. This Master Vibrator possesses the efficiency and quality of the famous standard Master Vibrator. To enable us to market this Master Vibrator at a popular price, it has been necessary to dispense with a switch and a Mahogany Container Box. This Master Vibrator floats on the line between the magneto and the present four cylinder coil on the dash, thus enabling you to use the present switch on the dash coil.

No. 1268 — Price Complete... **\$6.00**

No. 1269 The Standard Master Vibrator

The Standard Master Vibrator will insure that the charge in each cylinder will be fired when the piston is in the same relative position of the crank shaft.

This uniform ignition will result in your being able to go slower on high gear, it will prevent your engine from having that disagreeable pounding which results when the gas charge is not ignited uniformly and it will give you more power and a smoother running engine. In addition to these advantages you have but one adjustment to make, you wear out but one set of platinum points instead of four sets, and this one set should last you as long or longer than the four, for it has 25% Iridium.



Shipping weight, about 3 1/2 lbs.
NO. 1269—PRICE COMPLETE\$7.50

READ ABOUT OUR FREE ENCYCLOPEDIA FOR FORD OWNERS

COIL PARTS TO FIT FORD CARS**To fit Kingston Coils 1910**11K
Switch Plug.
No. 11K—
Price, 8c.No. 30
Vibrator spring with
platinum point.
Price, 35c.22C
Adjusting screw
with platinum
point.
Price, 35c.**To fit Kingston Coils 1911-12**25C
Vibrator spring with
platinum point.
Price, 35c.24C
Adjusting screw
with platinum
point.
Price, 35c.16C
Vibrator
bridge with
platinum
point.
Price, 35c.No. 40
Vibrating spring with
platinum point. 50c.No. 35
Vibrator spring with platinum
point. 35c.No. 42
Vibrator bridge with platinum
point. 45c.**To fit Heinze Coils 1911-12**19C
Vibrator with platinum
point.
No. 19C—Price, 35c.18C
Vibrator
bridge
with platinum
point.
No. 18C—
Price, 35c.7K
Switch plug.
Price, 5c.**To fit Jacobson-Brandon Coils**20C
Vibrator spring with platinum
point, 1911, 1912.
No. 20C—Price, 35c.21C
Cross bar with platinum
point, 1911, 1912.
No. 21C—Price, each, 35c.Vibrator for 1911
coil.
No. 60—Price, 75c.1910 Switch Plug.
No. 63—Price,
Each, 10c.1911 Switch Plug.
No. 62—Price,
Each, 10c.**Ignition Wiring for Fords**

This is special ignition wire for FORD CARS already assembled with terminals on end. Identical in quality, size and fit as those furnished by the Ford factory. We use only the very finest ignition cable, as experience has taught us that the best is none too good and we caution all FORD owners to be sure that the cable they buy is the best quality. We furnish this cable in lengths for each of the cylinders, and as they vary in size be sure and measure the cable on your car and order the right length. Measure from terminal hole to terminal hole.

No. 1284—For No. 1 Cylinder, 15 1/2" long. Price, each, 15c.
No. 1285—For No. 1 Cylinder, 17 1/2" long. Price, each, 15c.
No. 1286—For No. 2 Cylinder, 12 1/2" long. Price, each, 15c.
No. 1287—For No. 2 Cylinder, 14 1/2" long. Price, each, 15c.
No. 1288—For No. 3 Cylinder, 8" long. Price, each, 10c.
No. 1289—For No. 3 Cylinder, 10" long. Price, each, 10c.
No. 1290—For No. 4 Cylinder, 8 1/2" long. Price, each, 10c.
No. 1291—For No. 4 Cylinder, 11" long. Price, each, 10c.
No. 1292—For Magneto to Coil, 15 1/2" long. Price, each, 15c.
No. 1293—For Magneto to Coil, 11 1/2" long. Price, each, 15c.
Shipping weight, about 2 oz.

Special Ford Timers for Model "T" Cars 1910-1911-1912

Reliable and serviceable timers designed for Ford cars. The finest qualities and materials are used throughout. The case with its bearing is cast of bronze and all over machine finished. The carrier centerpiece is of the well known roller type, and the tension is maintained by an imported Cusstatl piano wire spring. The cover is a heavy aluminum casting, lathe turned, making the instrument absolutely oil proof.
No. 1187—Complete timer. Our Price, each, \$2.25
Shipping weight, 19 oz.

Timer for Model "T" Ford 1913

Designed especially to fit the 1913 Model "T" Ford. Made with the same care and as the other model. The carrier which is cast throughout of a bronze metal is fitted with a large and wide hardened roller. All surfaces making contact are ground with the greatest possible care and with only first class material used in the construction. It makes a desirable ignition instrument, which, if at all times properly lubricated will give nothing but perfect satisfaction to the user.
No. 1188—Complete timer. Our Price, each, \$2.00
Shipping weight, 14 oz.

Hub Caps for Ford Cars

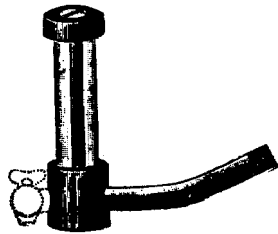
These will fit all makes of Ford cars. Are invariably lost or become dented and have to be replaced. Made of brass highly polished. Why continue to use dented hub caps which are unsightly when for a few cents you can replace them with new ones?
No. 1189—Price, each, 20c.



Special Oil Gauge For Ford Cars

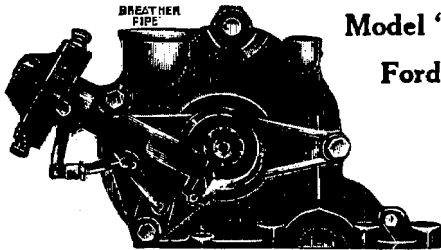
These gauges are screwed into the crank case of Ford cars and will tell the exact depth of your oil at all times, without waste. It is necessary to have the oil level in the crank case of all Ford cars at a certain depth in order to prevent smoking and excessive carbon, or insufficient lubrication.

You must know that the proper height for the oil is about one-half inch above the bottom pet-cock and if you have it up to the top pet-cock it is two inches too high, and you are wasting oil and gumming up your motor. If you try to keep the oil at the right level you will have to put oil in every twenty miles and then take a chance of burning your bearings out. If you have the right amount of oil at all times your car will not smoke, the plugs will not soot, the valves will not pit, and the motor will not carbonize. The only right way is to use one of our Ford oil gauges which replaces the lower pet-cock in the crank case and is attached by means of the threaded pipe furnished. The pet-cock is threaded into the gauge and acts as a drain. The base and cap of the gauge are made of heavy brass stock



and the glass sight (3/16" in thickness) is protected with a brass guard. Size, 3 1/2" long, 3/8" in diameter; 3" pipe. No. 1177—Each 30c.
Total weight, 6 oz.

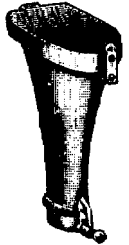
Elevated Timer Attachment For Model "T" Fords



You and every other Ford owner realizes that the timer on your car is really the most delicate part of the whole machine, and that in its present position it is the most abused. This attachment which we offer raises the timer above the oil and dirt and makes it accessible for cleaning and adjusting. With this attachment you can repair trouble whenever it occurs, while without it you often have to come home with the cylinders perhaps firing only on three. This device can be put on car in a couple of hours without machine work and will outlast the car. Shipping weight, 4 lbs. No. 1179—Price, each, less timer.....\$7.50

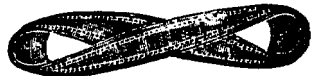
Combination Breather Pipe and Oil Filler For Ford Model "T" Cars

This is a device that enables you to pour oil in the car as easy in the dark as in the light—makes it even easier to pour the oil in the daytime as it does away with spilling half of the oil in the car, and the other half all over the pan and the wires. It is constructed with a fine strainer located near the bottom so that every drop of oil is strained before it goes into the crank case. Another advantage is cleanliness, and if you will raise your hood you will see the oily streak on it caused by the breather pipe shooting the oily vapor out. This oil is also spread over the motor but with the Breather Pipe this is impossible as its construction keeps the oil in. This is a permanent fixture and is made of cast aluminum with polished hinged cap. Shipping weight, 16 ounces. No. 1217—Our Price, each\$1.40

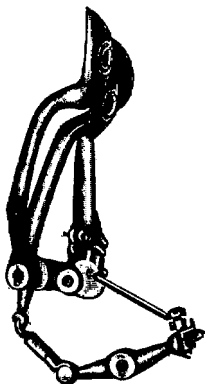


Fan Belts For All Ford Cars

These are special endless belts for Ford cars. Made in the exact size and finish as the belts furnished by the Ford Motor Co. Special tanned leather stock, reinforced and stitched. Will outlast any other belt in the market. Average shipping weight, 4 oz. No. 1218—Price 30c.



Clutch Release For Ford Cars

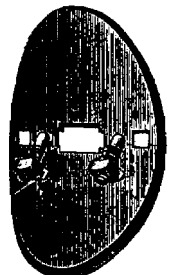


A simple device that automatically releases the clutch on the Model "T" Ford, when the foot brake is applied. Pressure on the brake pedal releases the clutch before the brake is applied and if you wish to coast, you simply push the brake pedal forward which releases the clutch and pushing the brake pedal farther forward applies the brake and brings the car to a standstill without the use of the emergency brake or the clutch pedal. Applying the brake without first throwing out the clutch wears the brake out quickly and puts a strain on the clutch that will cause it to slip after a few weeks' use. Our release can be put on your car in ten minutes with a screw driver and is guaranteed to outlast the car. Furnished complete with full directions. Shipping weight, 10 oz. No. 1176—Price 90c.

Rubber Pedal Grips For Ford Cars



Front



Rear

These pedal grips have been especially made to fit Ford cars and when fastened to the pedals will prevent your feet from slipping off them. You can realize how indispensable they are in case of emergency when a slip of the foot might endanger your life. These plates are made of a special composition rubber that will stand wear, and are reinforced inside with a steel plate to keep its form. They are fitted with slotted receptacles for the bolts to allow adjustment to any desired position. The entire grip is curved to the exact form of the pedal, and when attached actually becomes part of the pedal. Three pedals required for a Ford car. No. 1166—Price, each 45c.
Net weight, 11 oz.

You Must Be Satisfied—Or You Must Take Your Money Back. We Don't Want Your Money If You Don't Want OUR GOODS.

SPECIAL SCHEBLER CARBURETOR FOR FORD CARS



It revitalizes the Ford car. It makes the Ford run like the most expensive cars. All the mechanical qualities which made the Schebler the winning carburetor in the country's racing events, are in the Ford-Special Schebler outfit. Ford users from Maine to California say that the Ford-Special Schebler outfit increases their power,

improves cold weather starting, increases mileage per gallon, prevents carbon. And any ordinary mechanic or owner can install it in two hours.

Easy starting, low throttling, maximum speed and perfect flexibility are secured.

Advantages gained by using Schebler-Ford outfit:

More power, speed, flexibility.
Easier starting, quicker pick-up, good economy.

What the Schebler-Ford outfit consists of:

- 1 One-inch "L" Schebler.
- 1 Manifold.
- 1 Priming Cup.
- 1 Gasoline Connection and Tubing.
- Throttle Rods.

All complete ready to attach to your car.

No. 1274—Parcel Post weight, 8 lbs. Price.....\$17.25

Brake Lining for Ford Cars

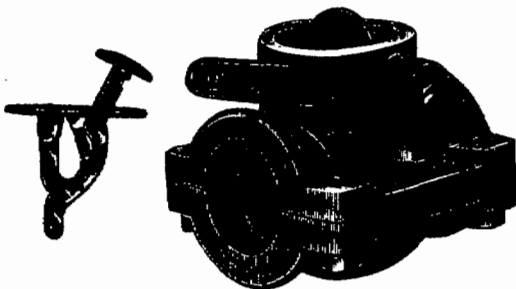


Composed of Pure Asbestos threads in which is imbedded fine brass wires, the threads being then woven by a patented process into a solid mass, then thoroughly impregnated with a compound that renders the product absolutely Waterproof, Dustproof, and Mudproof, yet leaves it sufficiently pliable to act quickly at all times.

This brake Lining will never get hard, it will never "squeak," It is Oilproof, Greaseproof, Heatproof. Rivets furnished Free. Size, 1 1/16 in. wide by 5/32 in. thick.

No. 1273—Our Price per foot.....20c.
Shipping weight, about 6 ounces per foot.

Muffler Cutout for Ford Cars



Our muffler cutout is exceptionally practical—simple and easy to install. Positive in action and will prevent the bursting of muffler. Will increase the power of the engine and easily locate skips. To attach; cut 1 1/4" hole in exhaust pipe and clamp cutout in place fasten pedal in floor board and connect with cutout by cable furnished. Supplied complete with cable, brass lock-open pedal, screws, etc., all ready to be attached.

No. 1272—Our Price\$1.00

Fordoid Transmission Lining



Here is a special transmission lining for Ford cars that Ford owners should use on their car. The leather lining at present used on the Ford is absolutely unfit for the purpose as it is affected by oil, friction heat and water—our Fordoid Lining is absolutely guaranteed not to be affected by oil, friction heat or water. Regular brake lining will not do the work, and the only thing to use is Fordoid. Rivets are given Free with each set which consists of three pieces.

No. 1249—Set of three pieces and rivets.....\$1.50

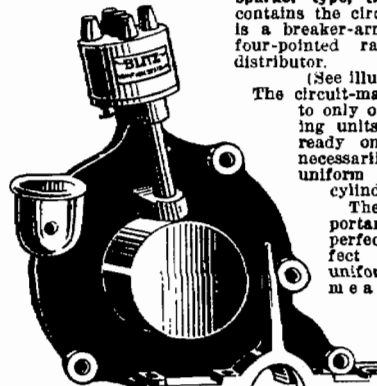
"Blitz" Ignition System for Fords

The "Blitz" is of the unit sparkler type, that is, the head contains the circuit-maker which is a breaker-arm operated by a four-pointed ratchet, and the distributor.

(See Illustration)

The circuit-maker is connected to only one of the vibrating units of the coil already on the dash and necessarily produces a uniform spark in each cylinder.

These are the important requisites for perfect ignition, perfect timing and a uniform spark, which mean synchronization, and which it is impossible to get with the old fashioned timer and a four-unit coil.



The "Blitz" does away with the burning which is so common in the old timer and which makes an uncertain, eccentric spark. It does away with the sticking of the platinum points, in fact it does away with the ignition troubles so common with the Ford car.

The bracket which supports the "Blitz" sparkler is made to interchange with the Ford timer plate and elevates all parts to an accessible position.

The driving gears which fit onto the timer shaft are covered so that they run in oil.

The four-pointed ratchet which operates the breaker-arm on the head, kicks the contacts apart on the backward turn, thus avoiding the dangerous back-kick.

The distributor cap is made of brown Condensite, a heat, oil and gasoline proof composition and a perfect insulator. This cap is so constructed that it can be put on the head only one way.

No. 1250—Price, each.....\$18.00

FORD Leak-Proof Packing Rings



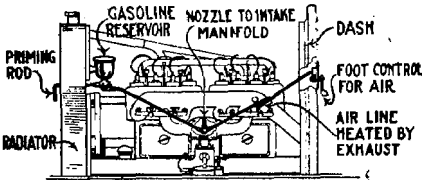
PISTON HEAD PACKING RINGS

How much gas did you waste last year? Do you realize that old style, leaky piston rings waste gallons and gallons of gasoline in a year? They do? You pay for the gasoline they waste—and get no good from it. All that comes to you is a big loss in power—a big loss in cold dollars and cents. You can do what other Ford owners are doing. Thousands of Ford owners are getting from 10 to 20% more power out of their motors than before—are cutting big slices of their fuel bill by using—**LEAK-PROOF PISTON RINGS**. They absolutely increase power and decrease carbonization and while higher priced than the old style rings they are cheaper in the end.

No. 1143—For Ford Cars, 1905 to 1911 inclusive.
Price, each \$1.30

No. 1144—For Ford Cars, 1912 to 1913 inclusive.
Price, each 1.30

“Handy” Manifold Starter for Ford Cars



The greatest little device ever produced for the Ford car. It eliminates starting trouble, saves 25% of the gasoline used, and positively keeps the motor free from carbon deposits. Easily attached to the intake manifold of the Ford by anyone. Solves all carburetor adjustment troubles, keeps the motor cool and clean and makes starting easy. Has nothing to get out of order. Soon pays for itself in saving of gasoline alone.

No. 1125—Price, each \$4.00

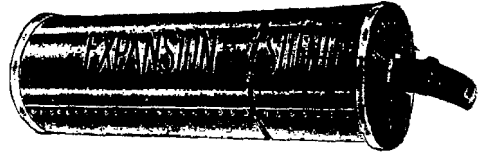
When You Buy Gasoline How Do You Know You Are Receiving the Amount You Pay For?



This item alone is worth more than the cost of the Dependo Ford Gasoline gauge. It precludes the possibility of paying for five gallons of gasoline, while receiving say only three. You are never in the dark in the matter of gasoline quantity, when the Dependo is on your dash. It is the gauge every Ford owner has been on the lookout for—a gauge that is accurate and dependable—up hill—down hill, on side list and on the hottest and coldest day. Shows instantly at a glance the amount of gasoline in the tank. No more dry tanks miles from a garage—no more pulling up of cushions to run measuring sticks into tank. Detects leaky tanks instantly. Shows how much gasoline is being used per mile. The gauge is easily installed, there being no cutting into the gasoline tank—no soldering or machine work to do. The instrument head is two inches in diameter, fitted with a finely enamelled dial reading in inches of gasoline. It is installed on the left hand side of the dash of the Ford car just to the left of the steering post where it is in sight at all times and still out of the way. Brass finish.

No. 1239—Price, each \$5.60

Silent Muffler for Ford Cars



The illustration shows our Ford Silent Muffler with tail-piece exhaust. The tailpiece distributes the gases so that all smoke is eliminated. With the use of this muffler, there is no smoke or dust arising behind the car. The cutout valve and tailpiece are detachable. The cutout valve acts as a relief valve in case of back fire. Constructed on entirely different basic principles from all other mufflers. The expansion chamber into which the gases first enter creates a vacuum and draws the burnt gases from the engine, where they expand until the force of the explosion is cut into atoms, and then passes on into the silencer where all sound is eliminated. All grease and soot passing from the engine are blown out through the openings in the muffler at each explosion. Therefore the muffler cannot clog, a fault so commonly found in mufflers. Your engine will develop more power. It will give you a perfect mixture and use less gasoline because the engine discharges all burnt gases at each explosion. This muffler is our 18" type 8 1/2" in diameter and can be arranged for any size exhaust pipe required. In ordering give size exhaust pipe on car, if it is threaded give standard thread size, if it is a plain tube state so in order, giving outside diameter of the tube.

No. 1162—Price, each \$4.25

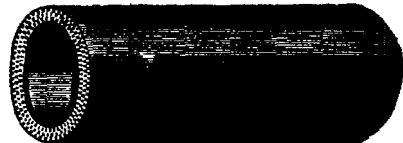
Sight Feed Engine Primer A NECESSITY FOR FORD CARS

It is designed to prime the motor from the dash and facilitate starting in cold weather. Will keep motor running until warm or until it picks up from carburetor. Has a sight feed which may be regulated by means of a needle valve which shows the exact amount of gasoline being used. Primer may also be utilized for decarbonizing cylinders by feeding kerosene through intake manifold while motor is in action. Easily attached by anyone by tapping manifold for 1/8" standard iron pipe, inserting coupling and then connecting primer. Furnished complete with tubing and compression coupling. No soldering required. Shipping weight, about 18 oz.



No. 1240—Polished Brass, each \$1.15

Cylinder Head Outlet Hose for Ford Cars



This is a special hose to fit Model "T" Ford Cars. Will stand the highest pressure. Constructed of heavy rubber and duck. Size, 2x3 1/4". Ready to be attached in place of old worn hose. Shipping weight, about 8 oz.

No. 1158—Price, each 20c.

Special Red Head Spark Plug Outfit for Ford Cars



FOUR HALF-INCH SPARK PLUGS..... } Complete
 ONE SPARE SPARK PLUG BOX..... } \$2.00
 SET OF SPARK PLUG WRENCHES..... }

Here is an opportunity to buy a complete set of four Famous Red Head Plugs at a remarkably low price and at the same time secure FREE a valuable spark plug box which is very useful for carrying spare plugs to prevent them from bumping and breaking the porcelain, also a set of plug wrenches which will greatly facilitate the removal of the plugs from your engine without barking your knuckles or smashing the porcelains of the plugs. Red Head Plugs need no introduction as in the past few years they have proven to be the most reliable of all of the plugs on the market. The fastest racing cars and most experienced racing drivers are winning races with them—they absolutely can be depended on at all times. The porcelains used in Red Head Plugs are in a class by themselves. No one ever hears of a porcelain cracking—they are absolutely guaranteed not to crack from the heat of the motor. Red Head Plugs have been adopted by such manufacturers as the Reo, Hupmobile, Case, Interstate and nearly 180 others. We sell 50 Red Head Plugs to one of the others to **FORD OWNERS**, and we have failed to receive as yet one complaint. Try a set once and you will never use any other make.

A recent vote among **FORD DEALERS** showed 92.3% of the voters in favor of the Red Head Plug for Ford cars. Try a set and see for yourself.
 No. 1182—Complete outfit.....\$2.00

Champion X Spark Plug



This is the plug that is standard equipment on the Ford car when it leaves the factory. Will give satisfactory service on the Ford car. You should have a complete set of extra plugs with you at all times.

Champion plugs are made of the very best materials, and in the largest and best equipped spark plug factory in the world. They are thoroughly guaranteed, covering heat breakage of porcelains and we will replace without charge any plugs that do not give entire satisfaction.

No. 1183—Price, each30c.
 No. 1184—Porcelain for plug.....20c.

Red Head Priming Plug

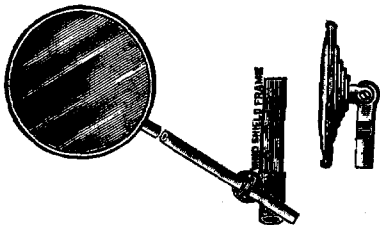
This plug solves the problem of starting a cold engine instantly. Gasoline introduced through the cup of the Red Head Priming Plug passes down the canal drilled in the shell, flows along the porcelain and drips directly to the sparking points, where it vaporizes and is ignited. Red Head Priming Plugs can be cleaned without removal from the cylinders. Open the petcocks while the engine is running and the compression shoots out the carbon.

With other priming plugs, the injection of gasoline is promiscuous—not concentrated on the sparking points—therefore they offer no advantage over relief cocks. Aside from the priming feature, the Red Head Priming Plug is the same in quality and construction as the Regular Red Head Plug. It is fitted with meteor wire center electrode and firing pin. The shell is polished nickel. All other parts, including combination magneto terminals, are brass.

No. 1185—Price, each85c.



Rear Sight Mirror for Ford Cars

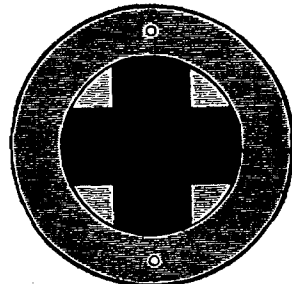


Affords the rider every protection against collisions from the rear. Turning corners, backing, stopping suddenly or running in street car tracks is likely to prove disastrous, if the precise situation of speeding vehicles in the rear is not known. This style is a diminishing mirror with convex reflector which focuses a wide range of vision. Clamps on windshield. The clamp is adjustable to all angles. Diameter, 4 inches. Has twelve-inch rod. Black finished frame.

No. 1170—Price, each\$1.20

PORCELAINS FOR RED HEAD PLUGS
 No. 1186—Our Price, each.....25c.

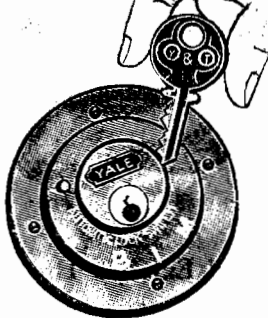
Physicians Emblem Pads FOR FORD CARS



This style of cross is meeting with great approval by the medical profession. Fastens to the front or rear of the car. Furnished in white metal with cross enameled red in center. Diameter, 5 1/4".
 No. 1147—Price, each50c.

The Ford Autolock Switch

Safeguards
Your Car
Against
Theft

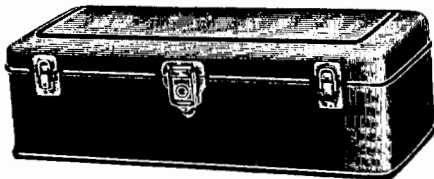


The greatest and best Ford Automobile Insurance in the world. The Ford owner who equips his car with the Autolock switch absolutely holds the key to the situation. Lever locks, gasoline locks, steering gear locks, are at best clumsy and unsatisfactory they are merely an additional piece of mechanism to rattle become lost and get out of order. The Ford Autolock switch is an essential and integral part of the car—it is placed on the face of the coil bar or on the dash, taking the place of the ordinary switch. The motor can only be started by placing the key in the lock and turning to the right or left, for magneto or battery contact as desired. The key cannot be

removed except when current is broken or on neutral. It is impossible to short circuit the wiring, as current must pass through the coil, and it cannot do this until the switch bar is placed in proper position by means of the key. The switch case cannot be removed even after the screws are drawn except when the key is inserted and turned to releasing point. The lock cannot be "picked." It is the famous Yale make. You can apply this safeguard in 30 minutes, no experience required. Shipping weight, about 1 lb.

No. 1159—Price, each\$3.75

Globe Steel Ford Tool Boxes

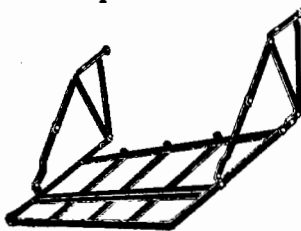


Specially designed tool boxes for Ford cars. They are made of much less depth than the usual Globe tool boxes, having a very low clearance between the door and the running board so that when opening the door it easily clears the top of the box. All the boxes are finished in finest black enamel, and have electrically welded back and bottom. Will accommodate pump, jack, chains, tools and such supplies as are usually carried.

Our Price

No.	Size Inside	Each
B-1586	15x7 3/4 x 5 3/4 in.	\$2.40
B-2296	22x9x5 3/4 in.	3.00
B-2416	23 15/16 x 9 13/16 x 5 3/4 in.	3.30

Special Ford Trunk Rack



This trunk rack is especially designed and constructed for Ford cars. Any old trunk rack will not fit the Ford owing to its peculiar rear design and this one is the only one in the market that fits perfectly and that can be folded up out of the way when not in use. It is solid, steady and durable. Made of bar steel, heavily riveted and thoroughly braced. Handsomely finished in black japan. Measures when open, 18 1/2 inches; width, 29 1/4 inches. Shipping weight, 16 lbs.

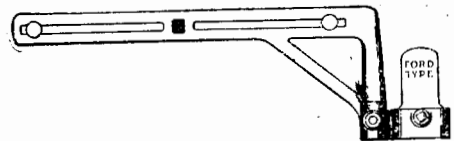
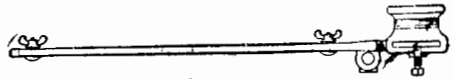
No. 1178—Price, each\$3.00

Ford License Pad Holders



The style shown here clamps to the front axle of the Ford car. Is made of the best grade malleable casting with a hard black rubber finish. Furnished with brass bolts and wing nuts. Many prefer this style to the one which clamps on the radiator spout as they gradually loosen the spout, causing it to leak. Size, 2 1/2 x 6 1/2 inches. Will hold any size number plate. Shipping weight, about 16 oz.

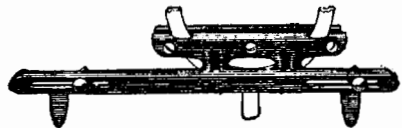
No. 1156—Price, per pair.....35c.



This model is a combination tail lamp and license pad holder which has been specially designed for use on Ford cars. Made of the best grade malleable castings and with a hard black rubber finish. Furnished with brass bolts and wing nuts. All ready to be attached to car. The great number of these that are in use speak well for their popularity and we can highly recommend them. Size, 4 1/2 x 14 inches. Shipping weight, about 20 oz.

No. 1157—Price, each35c.

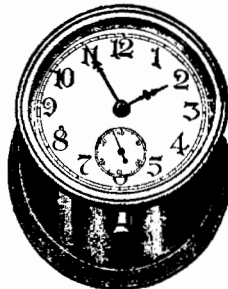
Security Ford License Pad Holder



Ford car owners need worry no more where to fasten the State License plate. This style will surely please every one. The right hand headlight bracket fits the grooves in the back of the license plate holder, and with a small wrench the holder can be bolted in place in a moment's time. Fits all model Ford cars, 1911, 1912, 1913. Will save the cost of license straps several times over. Furnished ready to be attached. Shipping weight, about 1 1/4 lbs.

No. 1271—Price, each50c.

Ford One-Day Clock



Do you want a motor clock for your car, and a good one? The clock illustrated in this connection is manufactured by one of the most reliable clock companies in the country and is warranted in every respect. It is not liable to get out of order. It has interchangeable parts. It is the product of skilled labor combined with the most improved Waltham Automatic Machines. This clock is 3 3/8 inches high, and has a Porcelain dial 2 1/2 inches diameter. It

has a one day movement with second hand. Furnished in burnished brass and black enamel.

No. 1248—Price, each\$1.35
Shipping weight, 1 lb.

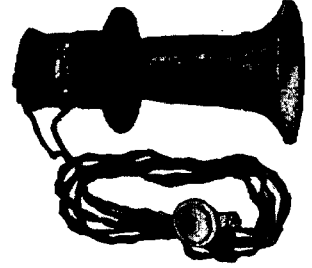
READ ABOUT
OUR
FREE
ENCYCLOPEDIA
FOR FORD OWNERS
(See Back Cover of this Catalog)

Don't Forget You must be satisfied or you must take your money back.

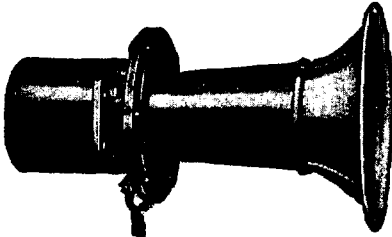
SPECIAL OFFER ON A SPECIAL ELECTRIC HORN SPECIALLY DESIGNED FOR USE ON FORD CARS \$2.75 each

This special vibrator horn is a wonderful warning signal and excels every other horn of its class for sound and for its permanent and efficient service. Our aim in producing this horn is to put in the market the best electric vibrator horn at the lowest possible price. This horn operates on less current consumption than any other horn in the market ($\frac{1}{2}$ ampere). It is neat in appearance, simple in construction and has a loud and warning note. Has no complicated parts to get out of order. Adjustable to admit a distinctive and piercing sound or a milder tone if desired. The horn is made of extra heavy gauge brass finely finished in black hard rubber with brass trimming. Furnished complete with 12 feet of cable, attaching bolt, terminals and push button. Extreme length, 10 inches; diameter of bell, 5 inches. Net weight, 3 lbs. We challenge competition at the price we quote. Ford owners if you are looking for a good electric horn here is your opportunity to get the best at a price lower than you could buy the cheapest for. We absolutely guarantee this horn in every respect. Will operate directly from Magneto on FORD CAR.

No. 1226—Complete Outfit, Horn, Wiring, Switch, etc. Ready for use.....\$2.75



You Can Now Have a "KLAXET" For Your Ford



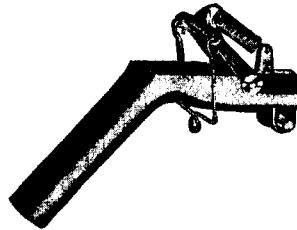
THE "KLAXET" IS THE LATEST ADDITION TO THE FAMOUS "KLAXON" FAMILY

Everybody knows the Klaxon horn—admits it—would have it on their car but only the very large car owners could afford them—now it is different. You can have the Klaxet a dependable motor driven horn that embraces the same features as the other Klaxon specialties, i. e., a steel diaphragm operated by an electric motor at a price within your reach. It carries the regular Klaxon Guarantee and is furnished complete with wire and push button all ready to be attached to your car. Length of horn, 9 $\frac{1}{2}$ inches. Diameter of bell, 4x5 $\frac{1}{2}$ inches, oval.

Either Style

No 1104—All Brass. Price, each.....\$12.00
No. 1105—Black and Brass. Price, each..... 12.00
Net weight, 4 lbs. 5% Cash Discount.

Jericho Special Ford Exhaust Horn



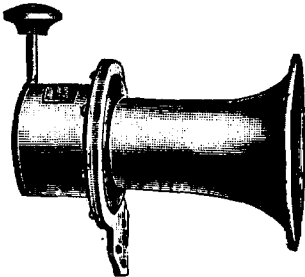
The quality of the Jericho horn is well known to the motoring public. It is the most reliable, efficient signal to use when touring on country roads or making your way through crowded city streets. Operates from the exhaust. The model shown here is specially designed to fit Ford cars and is of special construction

and guaranteed to give positive action and emit a clear distinct loud and penetrating signal. It is not at all necessary to speed up the motor to produce an effective warning. It is made of one solid casting, having a shutter which is the only moving part, for diverting the gases through the whistle. Cannot clog or soot up, as it is self-cleaning. It is simple to attach; just clamp on the end of the exhaust pipe and shutter is connected to the foot pedal by means of cable. Furnished complete with all necessary parts and can be attached in a few minutes by anyone.

No. 1103—Net Weight, 2 lbs. Our Price.....\$3.75

"Long Horn" Special for Ford Use

Requires No Battery. No Magneto. No Exhaust For Operating



Here is a never failing signal that is meeting with the approval of every user of a Ford car. It is a perfect warning signal that is independent of batteries or motor. A slight touch of the hand or elbow instantly operates the horn, the volume of sound varying from a low melodious tone to a loud penetrating

warning signal. The horn is perfectly constructed and embodies the finest quality of materials in every particular. Nothing can affect the mechanism or put it out of order. No motor. No batteries. No bulb. No expense of maintenance. Just the horn for a Ford car. Made in two models. Can be obtained in black or black and brass finish.

No. J. S. 1167—Length, 7 $\frac{1}{2}$ in.; diameter of bell, 5 inches. Price, each.....\$9.00
No. J. S. 1168—Length, 4 inches; diameter of bell, 4 $\frac{1}{2}$ inches. Price, each..... 9.00

Special Bulb for Ford Bulb Horns

Here is a springy, lively bulb that will make your horn respond as soon as it is touched. It will wear longer than any bulb in the market. Made of the best para rubber, chemically cured to give it long life and to keep it soft, pliable and springy. Beware of cheap bulbs that soon harden and crack. Mounted all ready for use. Made to fit your Ford Horn. Bulb is 3 $\frac{11}{16}$ in. in diameter. Net weight, 7 $\frac{1}{2}$ oz.



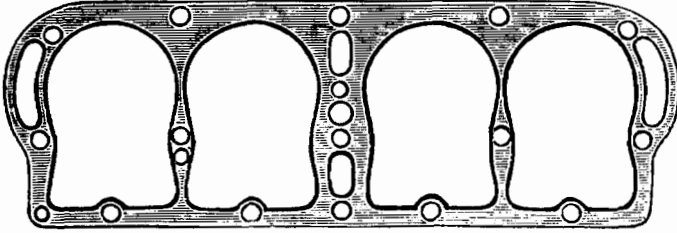
No. 1109—Price, each48c.

Special Reed for Ford Bulb Horns

These reeds are specially toned and guaranteed to give satisfaction. Made of the best one piece annealed non-corrosive vibratory metal. Will fit your Ford Horn. They are accurately adjusted.



No. 2010—Price, each15c.
Net weight, 1 oz.



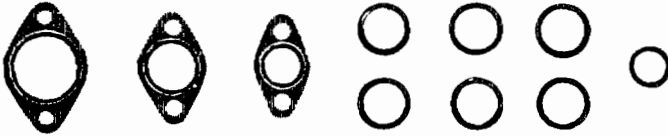
Complete Gasket Set for Ford Cars

This gasket set has been designed especially for Ford cars and is absolutely guaranteed to fit properly and give the best satisfaction. The gaskets are of the highest grade copper lined, with pure asbestos fibre.

Set consists of:

- 1 Cylinder Head Gasket.
- 1 Cylinder Head Outlet Gasket.
- 1 Cylinder Water Inlet Gasket.
- 1 Carburetor Flange Gasket.
- 6 Inlet and Exhaust Pipe Gaskets.
- 4 Spark Plug Gaskets.

No. 1190—Complete Set75c.
No. 1191—Cylinder Head Gasket...40c.



Robe Rail Special for Ford

A neat, strong and practical robe rail designed especially for use on Ford cars, swings out from body of car to allow for heavy robes. Rail is a solid rod with steel brackets, all black enameled and furnished with screws for attaching. It is the only one in the market that will fasten to the back of the front seat of the 1911, 1912 and 1913 Ford car.

No. 1277—Price, each60c.



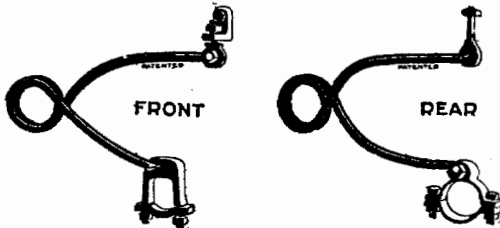
Foot Rest Special for Ford

A special high grade folding foot rest for Ford cars. Made of heavy brass tubing with black enameled steel brackets. Made specially for the Ford and the only one that is adapted for this car. Adds greatly to the appearance of the machine and affords a good deal of comfort.

No. 1278—Price, each75c.



Cushionet Shock Absorbers for Ford Cars



Cushionets overcome the rebound by assisting the spring as it is being compressed, then as the rebound occurs they resist or check the spring action and by so doing prevent the jerk and jar, making the car glide instead of jump along the road.

Installing is exceedingly simple. Cushionets fit all Fords, no adjustment necessary. The rear set is clamped around the axle, the bolt on the upper arm replacing the regular fender bolt, thus serving a double purpose in holding the fender and absorber. The front set fastens to front axle, the upper arm carries a bracket—it being necessary to drill one hole in the frame on each side to bolt on the brackets—the location of these holes being found by clamping absorbers to the axle which will place upper arm with bracket in position. You will see, therefore, that a mechanic is not required to apply Cushionets.

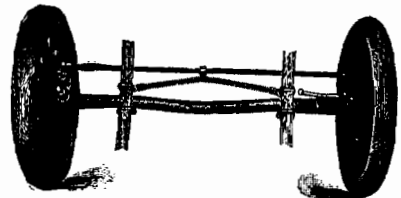
Guaranteed in every respect for one year, is the way we stand back of Cushionets. The material used is special crucible steel, drop forgings and malleable iron being used as fastenings, lock-spring washers being on every nut. Cushionets have every feature of the best shock absorbers but the price.

No. 1192—Price per set of four.....\$11.00
No. 1193—Price per set of two..... 5.50

The Little Steersman for Ford's



LITTLE STEERSMAN



The Little Steersman is a simple device consisting of a helical spring about three feet in length made from oil tempered steel wire, with end attachments and center clips made of high grade drop forgings, and can be attached to any car in a few minutes. The Little Steersman automatically takes up lost motion between steering wheel and road wheels when steering gear is worn, keeping road wheels in perfect alignment. It assists the driver to have better, quicker and more perfect control of the car in traveling over muddy, sandy or rough roads, or when coming in contact with stones, etc. It has been on the market exclusively for several years and is praised by all who have tried it. Parcel Post weight, 2 lbs.

No. 1165—Price, each\$3.35

Handy Ford Grease Cups

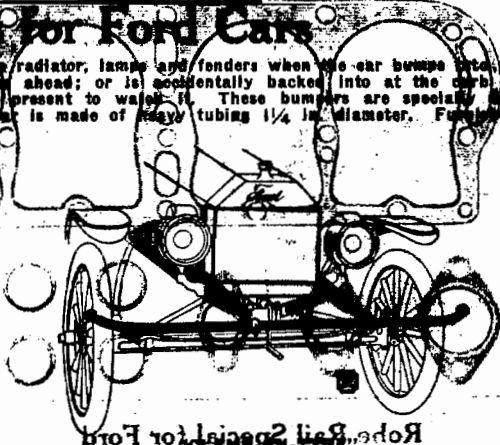
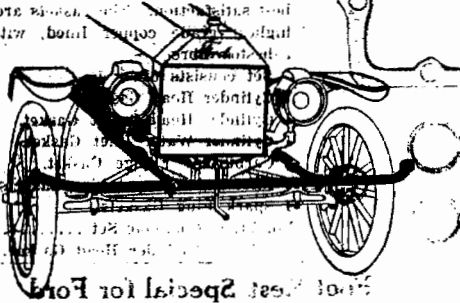
These cups are designed to take the place of the grease cups now on the Ford rear axle, fan and steering post; they also take the place of the oil cups on the steering knuckles and spring shackles. The set of 17 covers all these places and they will not only improve the looks of the car, but make it easier to oil these parts and insure proper lubrication.

No. 1267—Price for set.....\$2.50



Spring Bumpers for Ford Cars

A bumper of this type is a strong arm that wards off damage to radiator, lamps and fenders when the car bumps into an obstruction or, when momentum sends the car into the curb or into a hole, about in the same way that the owner is not present to ward it. These bumpers are specially designed for FORD CARS that have the projecting frame. The bar is made of heavy tubing 1 1/4 in. diameter. Fitted with...



"PEP" TYPE

This type is fitted with apparatus consisting of two heavy steel bars, already drilled for bolting firmly to the frame of the car, assuring rigidity. On the end of these brackets are heavy castings into which the bar is fitted. The tempered steel compression springs to take up the jars and jolts. This bumper is giving utmost satisfaction to all who are using it. Furnished complete ready to be attached to car; 1 1/4" bar. Weight, about 22 lbs.

- No. 1120—Black bar with black fittings. Price..... \$2.90
- No. 1123—Brass bar with black fittings. Price..... 3.40

For cars that have a bumper in front of the frame will find this "Clamp-on Type" efficient and non-rattling. The clamp ends of the sleeve are fastened to the front cross-member of the frame and the suspension brackets are bolted to the bumper strip. The arms are made of heavy quality malleable iron and fitted with two steel wire springs to absorb the jolts and shocks. These fittings are black, japanned or brass. Weight, about 22 lbs.

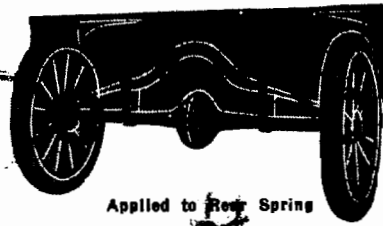
- No. 1120—Black bar with black fittings. Price, each \$4.00
- No. 1121—Brass bar with black fittings. Price, each 4.65

Adjustable Rebound Straps for All Ford Cars



Applied to Front Spring

On account of the peculiar spring suspension of the Ford car a reliable Rebound Strap is most essential, if ease of riding is desired. Without Rebound Straps a heavy passenger or extra load on one side makes the spring action uneven and causes side sway. The Glimmer strap holds the car level and makes it easy riding under all conditions.



Applied to Rear Spring

whether carrying one passenger or five. A demonstration over a rough road is a revelation. A set of these straps on the front of a Ford makes steering easier, prevents ruinous vibration and holds car to the road. These straps are unbreakable and will last as long as the car. Can be attached at no expense by anyone in fifteen or twenty minutes' time. Furnished complete, ready to be attached.

- No. 1174—Price per pair for front.....\$1.50
- No. 1173—Price per pair for rear.....\$1.50

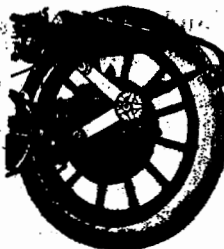
The New Ford

Truffault-Hartford

SHOCK ABSORBER

MAKES EVERY ROAD A BOULEVARD

Ford cars equipped with Truffault-Hartford shock absorbers are assured comfort, economy and safety. They prevent wear on tires, breaking of springs, lost traction, save running power and racking of machinery. They also prevent rebounding, control the car and prevent rocking and pitching. Easily applied. Complete directions for attaching furnished, and you can put the Junorette on yourself or your garage man can do for you in a very short time without drilling a hole.



- No. 1141—Set of Four, Price.....\$15.00
- No. 1144—For Rear only, per Pair..... 7.50

Springs for Ford Cars

"GUARANTEED FOR ONE YEAR"

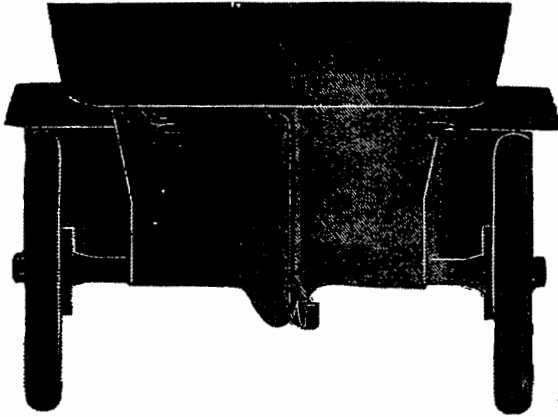
These are special springs made expressly to fit your Ford car. They are identical in style, finish, material and size as those supplied by the Ford Motor Co. These springs give excellent satisfaction and we have never had a complaint. They are fitted with rebound clips and lipped to prevent side play of leaves.



- No. 1235—For N. E. S. T. Front, Black. Our Price.....
- No. 1236—For N. E. S. Rear, Black. Our Price.....
- No. 1237—For T. Standard Tread, Rear, Black. Our Price.....
- No. 1238—For T. Southern Tread, Rear, Black. Our Price.....

Shipments made F. O. B. New York
Shipments made F. O. B. St. Louis Mo.

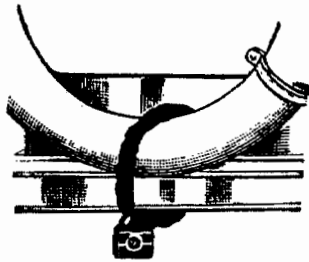
Our Special Ford Rear Tire Holder Set—Complete Set \$2.00



These are special tire holders designed expressly for use on Ford cars are practical and very strong. They are practically the only rear tire holders that are satisfactory for the Ford as they keep the tires out of the way and make the car balance evenly. They can be used for one or two tires. Made of high grade cold rolled steel in black hard rubber finish. Neat, strong and practical. Furnished complete with straps.

No. 1200—Price per Set\$2.00

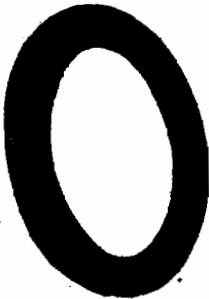
Handy Tire Lock For Spare Tires



A sure way of protecting your spare tires from being stolen. Consists of a galvanized steel chain, enclosed in a heavy leather cover to prevent rusting. When strapped around tire and running board it prevents anyone stealing the tire. Furnished with Yale lock. Chain is 3 feet long sufficiently large enough to protect several tires. Shipping weight, about 2 lbs.

No. 1140—With Yale Lock. Price, each.....80c.
No. 1141—Without Lock. Price, each.....40c.

Special Tire Cover for Ford Size Tires



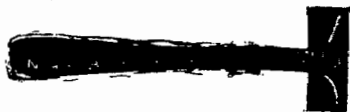
Every autoist appreciates the ruinous effect of weather and sunlight on an unused spare tire which is left uncovered. The investment in spare tires will pay big dividends both in the saving on the tire and the appearance of the car.

This cover is made of the highest grade black enameled duck. Fits the tire snugly and can be buttoned in a minute; in fact, it is a "quick on" cover in every sense of the word. Fastened with ball and socket clips, commonly termed glove fasteners, fits perfectly with never a wrinkle all makes of tires by simple adjustment of the buttons.

Always water and dust proof. Guaranteed to give the highest degree of satisfaction to the user in point of service, appearance, and ease of attachment and removal. Fully the equal of tire covers sold for double the price. Shipping weight, about 2 lbs.

No. 1126—Size, 30x3. Price, each.....\$1.20
No. 1127—Size, 30x3½. Price, each..... 1.20

STARTING CRANK HOLDER FOR FORD CARS

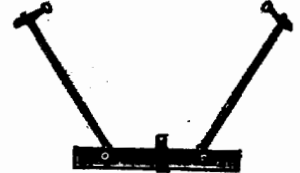


Shipping weight, about 3 oz.
No. 1283—Price30c.

This article will fill a long felt want as the metal handle on the Ford makes more noise than everything else on the car.

Ford Running Board Tire Holder

This tire holder set has been specially designed for Ford cars where a light but strong tire holder is a necessity. It is so made that it will accommodate one or two tires. Consists of two strong upright arms fastened by means of heavy floor plates and a bottom adjustable piece which can be locked so that tires cannot be stolen. It is rigid and well made. Finished in black hard rubber. Furnished complete with three straps. Shipping weight, about 9½ lbs.



No. 1171—Price complete set.....\$1.35

Otaka Tire Remover Special For Ford Size Tires

This has been specially designed for clincher tires on Ford cars. They are a great help with rusty or frozen tires. Will not mar the paint—does not come in contact with spokes or fel-loes, simply hooks into rim on opposite side. Owners who have tried to remove tires which have become stuck to rim will appreciate this convenient and sensible tire tool. Over 25,000 sold last year. Shipping weight about 2½ lbs.



No. 1201—Price\$1.15

Handy Lever For Clincher Tires



This is a simple inexpensive tire lever that is very valuable for lifting casings from the rim. A good, strong tool made from malleable iron, finished in aluminum. Ford owners will find it a practical tool for making tire changes. Don't spall your screw driver when for a few cents you can obtain this tool which does the trick easy and quick. Lever is 13½" long. Shipping weight, about 2 lbs.

No. 1118—Price, each10c.

Acorn Pump Connection

This connection is universal, being adapted to any valve; attached to valve by simply pressing it on, and removed by simply pulling it off. Cannot blow out; it will hold the highest pressure. Shipping weight, about 1 oz.



No. 1202—Price, each10c.
No. 1203—Extra washers for above..... 5c.

Special Seat Cover Set for Ford Cars '12-'13

Equip your car with our Auto-fabric seat covers, trimmed with Sterling leather and give it the same nobby appearance as a high priced car. Our seat covers are absolutely waterproof and save the leather upholstery on a new car and cover up the worn parts on old cars, thereby adding to the appearance of your car and making it very easy to keep the upholstery neat and clean.

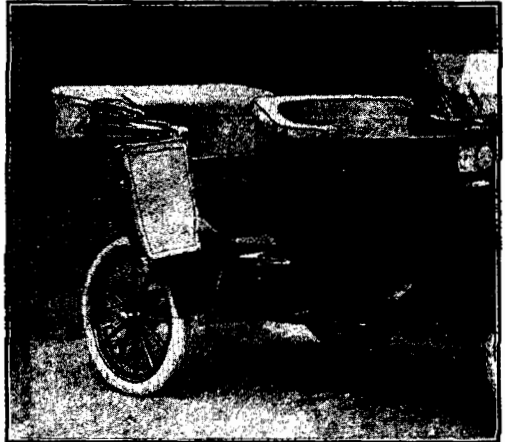
This is an opportunity to secure a high grade set of seat covers at a hitherto unheard of price and every Ford owner should take advantage of our offer at once. Our seat covers are all bound with Sterling leather, while the arms are trimmed in genuine Patent Leather the same as furnished on seat covers costing up to \$75.00 a set.

Send in your order now—our guarantee is behind every set.

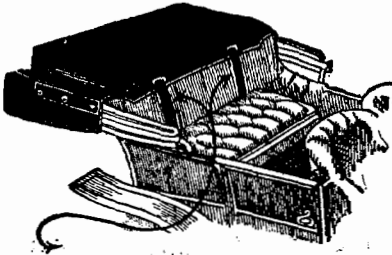
Can be attached by anyone in a couple of hours with no other tools than a hammer and a screw driver. Sent complete with all necessary fasteners, etc., all ready to be fastened to car. When ordering state year of car.

Set

- No. 1195—For Touring Car \$15.00
- No. 1196—For Roadster 10.75



Special Top Hoods for Ford Cars



Genuine heavy sole leather straps equipped with buckles to fasten to seat.

These top hoods are made especially for Ford cars of the best materials from patterns to fit Ford cars exactly and are identically the same with those supplied by the Ford Motor Co. in finish and fit. They cover the top completely and protect the lining from water, oil and dust. Each hood has a skirt which falls over the rear seat and prevents dust from coming up behind the machine and covering the occupants. The hoods fit perfectly smooth and give a crushed top, a neat and finished appearance. All seams are tallor finished, double stitched and the materials used absolutely the best.

When ordering specify whether for Roadster, Runabout or Touring Car.

Runabout Touring Car

- No. 1180—Rubber cloth material. Price... \$1.95 \$2.75
- No. 1181—Mohair cloth material. Price.... 3.50 4.50

"Handy" Ford Top Bow Holder



A simple, neat, mechanical device that becomes part of the car.

Each bow socket is held separately and securely; result, no rattling, no bent or broken bows, no wear or torn fabric.

Made of high grade material, strong and durable, will last as long as the car.

Model F, No. 1197—Black rubber finish. Designed especially for and will make a direct connection on 1913 Ford cars.

Per pair \$2.00

Model C, No. 1198—For 1912 Ford cars.

Per pair \$2.00

Average net weight, 4 lbs.

Ball Bearing Ford Windshield

This is a special zigzag shield expressly designed and hand-somely finished for Ford cars. It is of the well-known ball bearing type, which is universally acknowledged to be the best construction for shields of this style and is of identically the same construction as shields sold up to this time for \$25.00 and \$30.00 each. This zigzag type is fitted with the up-to-date piano hinge running the entire length of the dividing bars which absolutely insures a perfect weather-tight and rattle-proof joint. This shield is in every respect as fine a product as years of experience, backed by a specially equipped factory, can produce regardless of cost. Why not bring your Ford up-to-date by equiping it with one of these beautiful black enameled brass trimmed shields? Average net weight, 40 lbs.



No. 1101—Our Price complete \$3.50

Ford Wind Shield Cleaner

It cleans the entire surface of the glass; you work it with one stroke of the free hand. This movement is so simple that it may be repeated as often as may be necessary without your losing a moment's time.

The Security Cleaner may be speedily adjusted to any make of shield, constructed of tubular metal. Does not interfere with the folding of the shield. The only mechanical cleaner that will not rattle. Average net weight, 12 oz.

No. 1199—Our Price, each 80c.



A Special Spark Plug Pump for Ford Cars

A \$10.00 Pump For \$7.00

A simple and practical way to inflate tires using pure, fresh air without the laborious, hard work of doing it by hand.

Simply remove a Spark Plug from any convenient cylinder and substitute the pump (with the hands only)—is the advantageous method of attaching to all motors. No wrench required in attaching.

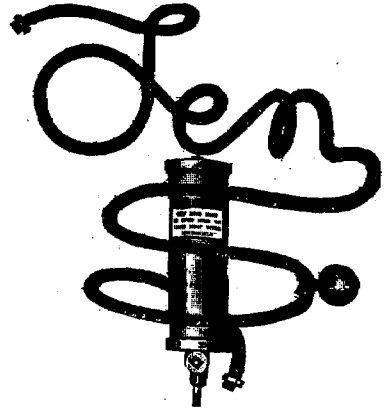
The cylinder used doesn't fire, therefore any spark plug can be utilized. If so desired, a valve cap may be tapped out and fitted with a permanent 1/4-in. pet-cock, making it unnecessary to remove a spark plug in using. No oil required. Pump does not get hot. Weighs less than 4 lbs. Supplied with 12 feet special tubing which has been tested to 450 lbs. working pressure. Equipped with accurate gauge.

Can you afford to be without it at the price?

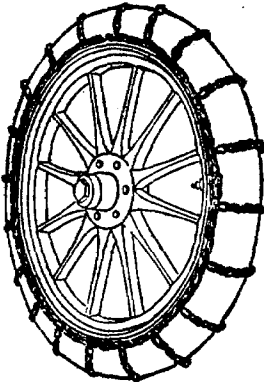
Pumping Tires the Spark Plug Way Makes Hard Work Easy on the Hottest Day.

Our claim, you will save 25 per cent. of your tire expense by using this outfit, is corroborated by thousands of automobile owners from actual experience. The Spark Plug Pump enables you to keep your tires properly to pressure all the time, so that full mileage service is obtained, to say nothing of the great convenience and labor-saving advantages.

No. 1169—Our Special Price\$7.00



Skidding is Dangerous! Equip Your Ford with Weed Chains



Weed Chains are positive anti-skidding devices that will not injure the tires and are the only non-skid chains for use on wet asphalt to hold the car and prevent skidding. They give positive traction in mud, sand or snow. The following sizes are used on Ford cars 30x3 1/2 and 30x3.

Prices:

WEED CHAINS—No. 1111—30x3 Per Pair.....\$4.50
 WEED CHAINS—No. 1112—30x3 1/2 Per Pair..... 5.00
 3 -inch Cross Chains—No. 1113—Price, each..... .06
 3 1/2-inch Cross Chains—No. 1114—Price, each..... .08

RID-O-SKID TIRE CHAINS

Rid-O-Skid Chains are manufactured by the manufacturers of the Weed Chain, and are supplied to meet the demand for a lower-priced chain of good quality. Made up exactly in the same style and sizes as the Weed Chain.

No. 1115—Size 30x3 inch. Price, per pair.....\$2.50
 No. 1116—Size 30x3 1/2 inch. Price, per pair..... 2.65

For Cross Chains see Nos. 1113-1114 above.

CHAIN ADJUSTERS—30 inch. Price, per pair.....\$1.00

Handy Non-Skid Chain Tool



If you have ever tried to remove or repair a broken link in a tire chain with an ordinary plier and worked on it for hours you will appreciate this device which will do the work in a few seconds and without any exertion. It is easy to operate and will remove broken cross chains quicker than any tool made. Is a combination chain tool and wire cutter. Made of drop forged steel, tempered and nicely finished. 9 1/4 inches long. Weight, 1 lb.

No. 1150—Price each.....55c

Compound Hand Pump

This is a two-cylinder pump that is superior to any other on the market. Will inflate a tire quicker and easier than any other. Plungers are fitted with metallic tanned packings that never wear or burn out. Does the work as good as an expensive power compressor in a garage. Can be kept in the tool box as it is only 20 inches long.



No. 1172—Price, each.....\$1.75

Valve Tap and Dies for Repairing and Adjusting Tire Valve



No. 1106
Three in One



No. 1107
Four in One

Have you ever tried to remove a valve inside and found that it persisted in sticking and that attempts to remove it only caused you to ruin your valve so that you could not get your pump connection to fit properly into the valves? The use of these taps and dies will end this trouble as they are guaranteed to remove the most refractory valve inside and not alone are they for removing valve insides for being made with a tap on the ends they will tap the insides of the valve to allow a nice fit for pump connections and valve insides—they also have a die for cutting threads, allowing valve caps to fit when hammered out of shape by accident. Made of high grade one-piece drop forgings, milled case hardened and polished and very accurately cut. Two styles as shown—3 in one and 4 in one.

Three in One Tools

No. 1106—Price, each7c.

Four in One Tools

No. 1107—Price, each10c.
 Average weight, 1 1/2 oz.



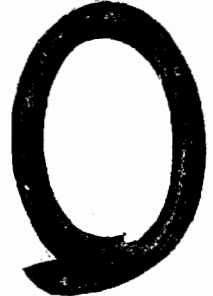
MR. FORD OWNER Investigate our Line of Tire Saving Specialties, they help you **SAVE MONEY**

Ford SAMSON RELINERS 30x3—\$1.90 each
Size 30x3½—\$2.10 each

Our reliners will make any tire blowout-proof and twice as durable. They will put an end to tire trouble and tire expense, being practically blowout, puncture and pinch proof. Samson reliners cover the entire inside of the casing, protect the tube and prolong the life of the casing. They are built of the very finest and best wearing material—are light, exceptionally strong and pliable and do not affect the resiliency of the tire, a fault found in all cheap reliners which are flooding the market under various assumed names.

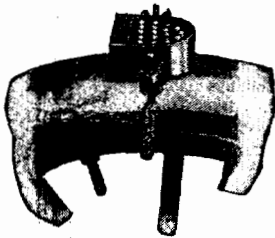
DIRECTIONS FOR APPLYING—Clean thoroughly the inside of casing with gasoline—be sure to observe that it is entirely free from dirt, powder or soapstone. Moisten the outside cemented surface of the reliner with gasoline using only enough to soften the cement which is already on the reliner—insert slowly and carefully using the fingers to apply firmly against the walls of the casing. See that the reliner fits snugly, also that the center is in the centre of the casing, also that no wrinkles remain to chafe the inner tube.

No. 1227—Size, 30x3". Price, each\$1.90
No. 1228—Size, 30x3½". Price, each 2.10



Shipping weight, about 3 lbs.

Adamson Vulcanizer for Repairing Inner Tubes and Outer Casings

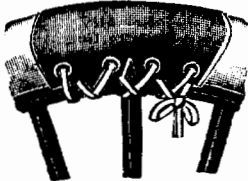


This is a complete perfectly reliable vulcanizer that cannot burn, scorch or over-cure your tube or tire. Your money back if it does not make good in every particular. You put the rubber patch over the hole or cut in the tube or tire; attach the vulcanizer; throw

in an ounce of gasoline or alcohol and light it with a match and in less than 15 minutes the job is finished. Works entirely automatic. Complete outfit contains vulcanizer, piece of vulcanizing rubber, scissors, sandpaper and tin to hold gasoline. Everything furnished ready for instant use.

No. 1124—Our Price, complete kit.....\$3.50
Weight, 3½ lbs.

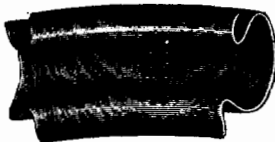
Ford Size Handy Tire Sleeves



Made of rawhide tanned leather. Wear like rubber and are tough and pliable; water having no bad effect on them. Fitted with heavy strong eyelets. This is one of the best known blowout patches on the market, and are especially suitable for Ford size tires. Furnished with strong rawhide laces.

No. 1148—For 3" tires. Price40c.
No. 1149—For 3½" tires. Price40c.
Weight, about 9 oz.

Samson Inside Blowout Patch

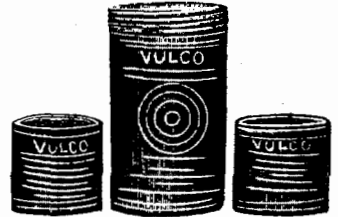


A durably constructed patch, made of high-grade tire fabric. Locks over both beads and positively will not creep. Moulded to exact shape of casing and will repair any break, blowout, or rim-cut.

No. 1230—Size, 3". Our Price, each.....30c.
No. 1231—Size, 3½". Our Price, each.....35c.
Weight, about 8 oz.

Vulco Tire Repair Outfit

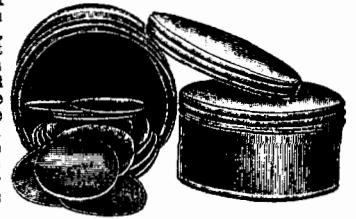
An ideal outfit for repairing tires and tubes quickly and easily without vulcanizing. Repairs punctures, blowouts, sand holes, etc., any one can do the work as quickly and as efficiently as the most expert repair man, and the repair work done is permanent and will outlast the tire. Repairs made with Vulco vulcanizes when exposed to air and when applied becomes a part of the tire or tube. Outfit consists of can of Vulco compound, can of Vulco cement, Emery cloth and complete instructions for use. Weight, 12 oz.



No. 1229—Price, complete kit60c.

HANDY CEMENTLESS PATCHES
Self-Vulcanizing

Made of the best Para Rubber with tapered edges, which will not curl. No cements or acids required—just clean the surface to be patched, with clean gasoline (be sure it contains no grease) and apply our cementless patches.



The whole operation need not take over five minutes. No skill or experience is necessary. The method is so simple and effective that a child can do it.

Will not loosen like an ordinary patch, as the greater the friction heat the tighter it sticks. The heat vulcanizes in the special preparation on the patch. Twelve patches in a neat box all ready for use. Weight, about 3 oz.

No. 1232—Price per Box20c.

STICKTIGHT TIRE TAPE

The best quality black adhesive friction tape for all tire and electrical usages. It is the best grade on the market and lives up to its name "Sticktight." Wrapped in tinfoil and individual cartons. In half pound rolls. Tape, ¾" wide. Weight, 8 oz.



No. 1154—Price per Roll10c.

TIRE EQUIPMENT FOR FORD CARS

We handle only Standard First Grade Tires and recommend our customers to only buy the standard makes which are covered by the manufacturer's guarantee of 3,500 miles. Beware of tires parading under assumed names and glittering offers of millions of miles of use. If you have ever bought a second grade tire you will well know what we mean.

WE CAN SUPPLY YOU WITH
GOODYEAR-GOODRICH
 UNITED STATES OR DIAMOND TIRES
 at the Following Prices

30x3" Shoe	\$10.95	Inner Tube	\$2.60
30x3½" Shoe	16.25	Inner Tube	3.50

This price applies for regular smooth tread clincher tires. Prices subject to change without notice.

Goodrich Rubber Cement



This is the well-known excellent Goodrich cement so far found to be the best for

use when repairing auto tires and tubes.
 No. 1204—Small tube, ¼x4". Our Price, each.....4c.
 No. 1205—Large tube, 1x4". Our Price, each.....6c.
 No. 1206—½ Pint cans. Our Price, each.....15c.
 No. 1207—Pint cans. Our Price, each.....25c.

Friction Fabric

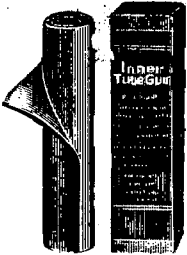
A strong rebuilding genuine Sea Island Fabric for use in sectional repairing, rebuilding and relining automobile and motorcycle casings. Has very great tensile strength, and is the same quality as used in all high-grade casings.



Quantity	Our Price
No. 1215—½ lb. pkg.....	\$0.75
No. 1216—1 lb. pkg.....	1.25

Uncured Tube Gum

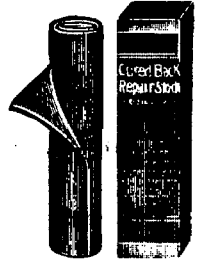
A free flowing high-grade gum for vulcanizing automobile and motorcycle inner tubes. Contains a very high percentage of pure rubber and produces a flexible but well-wearing vulcanized surface. Can also be used as a cushion gum between the tread and the carcass in repairing outer casings.



Quantity	Our Price
No. 1209—½ lb. pkg.....	\$1.00
No. 1210—1 lb. pkg.....	2.00

Semi-Cured Tube Gum

Combination tube repair stock vulcanized on one side, used for inner tubes in conjunction with inner tube stock, for inside work in vulcanized tube repairs. When this stock is used it is impossible to stick the inner surfaces of a tube as the cured back cannot stick to the inner walls.



Quantity	Our Price
No. 1213—½ lb. pkg.....	\$0.65
No. 1214—1 lb. pkg.....	1.25

Casing Tread Gum

Unvulcanized casing gum for making surface repairs on casings. Contains a lesser percentage of pure gum than the inner tube stock, but more adapted for casing work where a tough wearing yet resilient material is required.



Quantity	Our Price
No. 1211—½ lb. pkg.....	\$0.65
No. 1212—1 lb. pkg.....	1.25

Screw Jack for Ford Cars

Rigidly constructed of best grade malleable iron and selected steel. Has swivel top which permits its being set in the position convenient for the operator. It is light in weight, simple and powerful in action. The best proposition in a jack for Ford cars. Can be carried in the tool box. Raises 12 to 21 inches. Capacity, 2 tons; Weight, 7 lbs.



No. 1134—Price, each65c

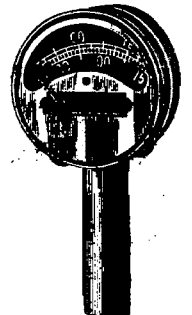
Eureka Valve Grinding Compound for Ford Cars



Will grind any condition of valve and make gastight within twenty minutes, without scratching or grooving. A quick, clean, smooth cutting substance in three grades, fine, medium and coarse. Contains absolutely no oil or grease. Comes in ½-ounce tins, divided into equal parts, fine, medium and coarse compound. Shipping weight, 10 ounces.
 No. 1137—Price per Box....25c

Handy Tire Gauge

Applied by merely setting the post on the valve of the tire. The contact of the valve plunger coming in contact with a point in the post of the indicator, the air is allowed to pass into the gauge, giving the correct reading of the pressure.



1½ in. with straight extension for hand use.

No. 1208—Our Price, each.....75c.

Improved Oil Gun



Our Improved Oil Gun has many uses; sucks oil from a drip cap or from a can, handles thin or heavy oil equally well and

can be used anywhere to oil machinery quickly. Gun has a double plunger, one side pulling up the oil, the other forcing it out. Lasts a lifetime. Has an improved crook neck handle for convenience in use. Finished in highly polished brass. Length, 16 inches. Average net weight, 9 oz.
 No. 1128—Price, each25c.

YOUR REPAIR OUTFIT Is Not Complete Without one of these Special Sets

Ratchet Wrench Set Exclusive for Ford Cars—Complete Kit \$3.00

Ford owners who have scraped their knuckles trying to reach nuts and bolts in inaccessible corners of their Ford will appreciate this simple ratchet wrench which is so constructed that there is absolutely nothing which could get out of order, and which fits and reaches any nut or bolt on the car. It has been designed for use on Ford cars only, and has proven to be a boon for every one who has used it. Every Ford owner endorses it.

It is the simplest ratchet wrench ever produced. Only three pieces. No loose pawl or springs. All steel—selected stock—machine-cut ratchet teeth—properly tempered—and fully guaranteed. The steel sockets are pressed steel. Special heat treatment to insure wearing qualities. The Universal Joint and Extension Bar were specially designed and adapted for this combination. The Ratchet wrench gives continuous action, once applied to the nut. Select the socket to fit the nut, no adjusting necessary, no possible chance for slipping, and no damage to the corners of the nut. Every part of this set made for service and guaranteed against defects in material or workmanship. A thoroughly practical, reliable, time-saving addition to any tool equipment. Has been thoroughly proven out in every respect.

No. 1100—Price\$3.00



Special Ford Tubular Socket Wrench Set—Complete Kit \$2.70

This set is composed of Tubular wrenches made of the finest grade Shelby tubing, the toughest and strongest material that can be used in a socket wrench, and are forged by hand to the exact size required. The set is composed of those sizes which fit every nut and cap screw on the Ford car that cannot be reached by any other wrench, either socket, open end or screw. This set will fit the following nuts and screws which have always been heretofore, so difficult of access to the Ford owner, when taking his car apart.

No. 1220—Set consists of five pieces, price, in roll.....\$2.70

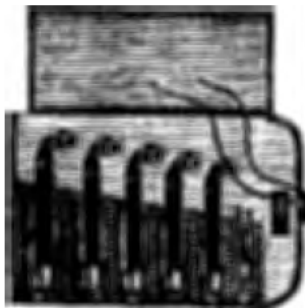
No. 1221—For Rear Axle housing bolt nut, and all $\frac{1}{4}$ " USS nuts and $\frac{5}{16}$ " cap screws, each55c.

No. 1222—For Rear Axle housing stud nut $\frac{3}{8}$ " and for $\frac{3}{8}$ " cap screws, each55c.

No. 1223—For drive shaft housing stud nut $\frac{13}{32}$ " and $\frac{5}{16}$ " USS and $\frac{7}{16}$ " cap screw, each55c.

No. 1224—For crank shaft bearing bolt nut and $\frac{1}{2}$ " cap screw, each....65c.

No. 1225—For special flattened head bolt for crank shaft bearing, each...55c.



Standard Copper Wire

High grade soft copper wire on spools, universally used by all mechanics and electricians. Invaluable for countless repairs around an auto. Furnished in three weights, 18-gauge (thick), 20-gauge (medium) and 22-gauge (thin), averaging respectively 203 feet, 323 feet and 514

feet per pound. Spools contain approximately $\frac{1}{4}$ pound wire. In ordering specify weight of wire desired.

No. 1138—Any gauge. Per spool.....10c.



Don't Travel Without One of These Handy Wauto Pails

A most durable and convenient article. Made of heavy reinforced canvas. Used for filling radiators with water. Capacity, two gallons. It lies flat. Can be folded and laid under the cushion of your front seat—occupies no space. It is a pail that you will never regret having with you. It is practically indestructible and is indispensable for campers, sportsmen and automobilists.

No. 1142—Price, each60c.



MR. AUTOMOBILE MAN

You May Need Wrenches,
Pliers, Screw Drivers, Etc.

BUY NOW

"Handy Grip" Tool Steel Screw Driver



Made to meet the demand for a very high grade screwdriver at a low price. The blade is made from the best tool steel and the handle fluted so that an unusually firm grip can be obtained, making it a comfortable tool to handle. The screwdriver is absolutely guaranteed to give satisfaction.

No. 1110—Length of blade 5 inches. Price, each....10c.
Average net weight, 4 oz.

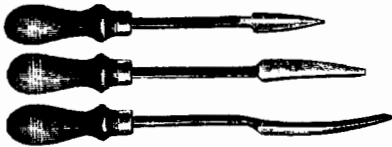
"Handy Andy" Combination Plier



A fine quality drop forged combination plier for Ford owners. Can be utilized for a great many purposes—as a plier—to remove nuts, bolts, pipes, rods. As a wire cutter also as a screwdriver. It is the tool for every use and is invaluable to the motorist. Furnished in black finish also nickel; 6 inches long.

No. 1117—Price, each....15c. Nickel plated.....20c.

"Handy" Bearing Scrapers FOR FORD CARS



This set of three special bearing scrapers is forged from tool steel, carefully tempered and hollow ground, and curved to insure effective work. Being hollow ground they are easily sharpened and cut readily. The points are slightly bent for cutting oil grooves. Three sizes to a set in a neat box. Size of scrapers 9, 10 and 12 inches respectively.

No. 1129—Price, per set55c.

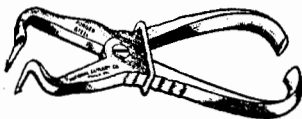
Handy Carbon Scrapers



Specially designed for FORD CARS. With their use any point may be reached where carbon accumulates. The breaking up of the carbon deposits means saving strain on bearings, connecting rods and relief from pounding of the engine. Will take the soot from top of piston without taking off the head of the cylinder. Made of crucible steel hand forged. Fastened into appiewood handles. Set of 3 in a box.

No. 1135—Price per set of 3.....30c.

National Tire Repair Prier



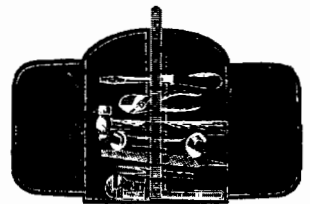
It is drop-forged from tool steel and arranged in such a manner that it can readily be inserted in a cut or blister and spread it open to allow free working at the cut in the tire. A

great feature of this National Prier is that it need not be held in position by the hand. If the repair cement is not properly worked into the fabric, it is a useless repair as the fabric is the life of the tire. By the use of this National Tire Repair Tool, the cut is spread open to the fabric with ease.

No. 2020—Price75c.

Handy Tool Kit for Ford Motor Cars

This special FORD outfit of tools has been designed to meet the most essential necessities when on the road. Consists of seven tools of high grade materials and a waterproof canvas case. Will give you maximum satisfaction and should form a part of the equipment of every FORD CAR.



Length of bag, 14 1/2 inches; width of bag, closed, 12 inches. One each of the following best quality tools in this kit: 9-inch auto wrench, 1/2-inch cold chisel, 8-inch flat file, straight wrench for nuts, 5/16- and 3/8-inch; 12-ounce machinist's hammer, 6 1/2-inch nickel pliers, 3-inch round handle screw driver.

No. 1219—Price, complete kit.....\$1.25

Assorted Cotter Pins for Ford Cars

This is an assortment of cotter pins that is the best for FORD CARS. Cotter pins should always be kept in the tool box as one never knows when they will be needed. A stitch in time saves nine and a bolt without a cotter pin means trouble. Furnished in neat box. Full count.



No. 1136. Price per box6c.

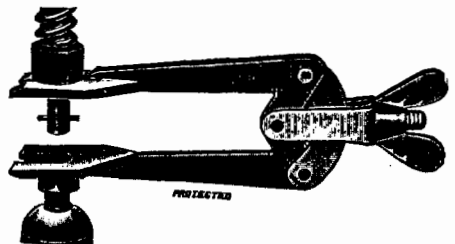
Box Assorted Lock Washers

A handy box to have with you. Contains a full assortment of lock washers of sizes from 1/4- to 5/8-inch hole, ranging by sixteenths. Put up for FORD cars, as they have been found very useful.



No. 1130—Price per box10c.

Handy Valve Lifter for Ford Cars



For the removal of valve springs on Ford CARS there is no easier and better tool than the one herewith illustrated. No exertion required for operating. Turning to left or right releases or tightens grip as desired, holding spring in whatever position desired enabling operator to use both hands. Extreme spread of 4 inches. Can be folded into small space.

No. 1131—Price, each50c.

Two New Necessities for Ford Cars

"Interlube"

Specially Suitable for FORD Engines.

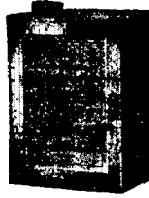


Absolutely prevents carbonizing and prolongs the life of your motor. It enables the motor to be efficient at all times, giving greater speed and power with a minimum of fuel. There's a big saving of oil and gasoline. Increased engine "ambition" and durability as clean gain. Better than graphite. Does not carbonize like oil. A compound that is mixed with the gasoline. Every FORD owner endorses it. Being used by motorists all over this country and Europe and highly recommended wherever used.

Try some of this in your FORD and see the difference. The results you will obtain will more than astonish you.
No. 1152—Quart can75c.

"Carbon Remover"

Specially Suitable for FORD Engines.



Dissolves the carbon deposits into a form which will not destroy the valve seats and is easily blown out. Positively removes the carbon from the cylinder, valves, pistons, etc., without any injurious effect and leaves them perfectly lubricated. Leaves the surface of the valves and cylinder in an oily condition and it is unnecessary to add more oil after blowing out the carbon. Better compression is given, which causes greater speed and longer life to the car. Increases the compression to

such an extent that the carburetor can be readjusted and a considerable saving effected in gasoline. Saves the pulling down of a motor with its consequent expense and loss of use.
No. 1153—Quart can.....75c.

Oil Lubricator for Ford Cars

A sight feed oiling system, designed especially for Ford cars. A system that saves trouble, expense, and annoyance and gives uniform and proper lubrication and, as a result, longer life, smoother running, and increased power.



The system is readily attached and consists of the following: an indicator for the dash which regulates the operation of oiler; a pump which mounts on timer shaft, and an auxiliary oil tank holding one gallon.
Furnished complete with all necessary tubing and directions.

No. 1—For 1909, 1910, 1911 cars.....	Each \$13.50
No. 2—For early 1912 cars.....	13.50
No. 3—For latest 1912 cars.....	13.50
No. 4—For latest 1913 cars.....	13.50

No Ford owner can afford to be without one of these lubricators on his car. It will save its cost in a very short time. Everything furnished ready to mount, which can be done by anyone.

Handy Grease Package for Ford Cars

Why fuss with dirty, troublesome grease guns when here you have a handy package of grease, ready for use, that can be carried in the tool box and when contents are used can be thrown away. No dirt, no waste, no trouble. Can contain Mobilubricant made by the Vacuum Oil Co., whose products need no introduction. A light yellow cup grease, not affected by heat or cold. For use in compression cups and for packing steering gear. Can also be used with oil for transmission and differential gear cases. It is a one-pound mechanical can that is invaluable for FORD CARS. Buy one and you will never be without it.



No. 1108—Price, each25c.

Take With You a "Fire Death" Extinguisher

FIRE DEATH



KILLS FIRE

In case of fire, and an automobile is subject to great risks from fire, as gasoline, oil and carbide are highly inflammable, what would you do? You surely cannot wait until help comes—instantaneous action is required if your car is to be saved. With a FIRE DEATH EXTINGUISHER in the tool box it is a matter of a few seconds—a few strokes of the compression pump, and enough pressure is there to eject the entire contents of the extinguisher and throw a stream 40 feet with accurate precision. The flow is controlled by a needle valve and can be turned on or off at will and pressure varied to suit requirements. There is no pumping to do when in use and both hands are left free to direct the stream and extinguish the fire. The container can be refilled at any time with our refill cans of FIRE DEATH.

The container can also be used as a Wash Gun by charging it with gasoline or other liquid and operating same in case of fire. The FIRE DEATH extinguisher is small, compact and designed to be depended on. It is always ready for use and will stand in the ordinary tool or battery box. FIRE DEATH is a liquid preparation that instantly becomes a gas on contact with fire, shutting off all oxygen or air and instantly smothers the fire. It is a non-conductor of electricity, will not soil the most delicate of fabrics, and will not freeze, but it will extinguish fire.

We will replace or refund purchase price on any FIRE DEATH Extinguisher that fails in these requirements.
No. 1160—FIRE DEATH EXTINGUISHER. Price each, fully charged.....\$3.00
No. 1161—Refill can each......90

"Solderall" for Quick Repairing



"Solderall" is a wonderful new metal solder. It will mend anything in metal. It is put up in best and handiest form. All you

need to do is to squeeze a little from the tube on the parts to be mended, then heat with a match, torch or soldering iron and a perfect job is the result.

No. 2030—Price, 2-oz. tube.....25c.

Best Grade Cotton Waste

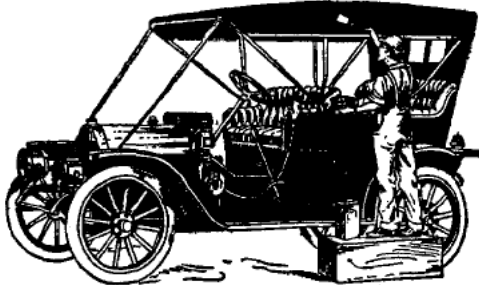
A specially selected long fibre clean cotton waste for garage, motor boat, shop and household uses. Prepared and packed in special one pound round packages. This is the very best grade strictly pure white waste and its handy form of package affords a great saving.



No. 2000—Price, per lb.....20c.

FORD OWNERS Do Your Own Painting And Varnishing And **SAVE MONEY**

Why pay exorbitant prices for repainting your car, renewing the lustre of the top hood or revarnishing the worn spots when you can do the work yourself at one-tenth the cost and do it better. Those simple things for which you pay 50c. to 75c. per hour can be done by yourself and excluding the cost--think of the convenience--think of it for only a few cents you can renew the appearance of your car and make it new again. Hundreds of other Ford owners are using our preparations and letters of praise are constantly being received. Touching up the car here and there is not work, it is pleasure and it also saves money. Every item shown on this page has been tried out and gives absolute satisfaction or we refund your money.



Paint the Car Yourself Your Entire Cost Not Over \$3.75

This special black Auto-Gloss paint for Ford cars is the best that can be procured. It is made to meet the requirements of auto owners where good results are required quickly. The paint will spread smoothly and evenly and dry quickly with a brilliant lustre. The wear and tear on the coating of a Ford has heretofore been a serious matter--not only one of cost to replenish, but also one of time loss to the owner. With this paint a machine may be entirely refinished in less time than heretofore ever taken. To be able to "touch up" worn spots here and there on a machine is not only a great saving but adds greatly to its neat appearance and value as well. It is also a great advantage to be able to re-finish your machine at your leisure and at a time when it is least needed. This paint does not require varnishing as the body of these finishes is a high class auto varnish. Put up in compression top cans, allowing great convenience in retaining unused portions of a can. One gallon is sufficient for any Ford car.
No. 1251--Quart can. Price.....\$1.00
No. 1252--Gallon can. Price..... 3.75

Special "Rubberset" Brush for Every Purpose

The Rubberset Home Brush has the same perfect setting which has made the Rubberset Shaving Brush so famous. Hard rubber, they can be used in anything and cleaned in anything--gasoline, benzine, turpentine, ammonia, or any other paint remover, without losing a bristle and without the setting being affected in any way--an enormous advantage over all brushes set in cement, glue, rosin, etc.
No. 1253--2 1/2 inches wide, 9 inches long. Price, each, .40c.
Shipping weight, 4 oz.

For Your Mohair Top That Requires Cleaning

This dressing is especially recommended for renovating and water-proofing mohair or mackintosh tops. Is an elastic and durable substance which makes the top absolutely water-proof, at the same time leaving it soft and pliable. It does not print through or soil the lining or inner surface. No matter how soiled or faded the top may be this will renovate it to its original color, and leaves it with a soft, silky appearance. It will not collect dust, and dries over night. Put up in two sizes metal cans, quart and gallon.
No. 1254--Size, quart; weight, 2 1/2 lbs. Price.....\$0.65
No. 1255--Size, gallon; weight, 9 lbs. Price..... 2.25



Give Your Top a Dressing



This is a pure oil preparation which contains no varnish and is suitable for renovating pantasote, rubber or leather tops and curtains. Is also suitable for use on leather cushions, etc. Will not harden, crack or peel, but on the other hand it will make the tops or cushions soft and pliable, and prolong their life. Will not collect dust, and dries in about two hours after application. Put up in pint and quart cans.

No. 1256--Size, pint; weight, 1 1/4 lbs. Price..... .50c.
No. 1257--Size, quart; weight, 2 3/4 lbs. Price..... .85c.

LEATH-R-NU YOUR FORD CAR

Refinish your car with our LEATH-R-NU. For leather or pantasote, cushions, tops, hoods, guards, lamps, etc., it gives them life, elasticity and a finish that can be obtained in no other way. It renews the upholstering of furniture, carriages or automobiles, by penetrating and coloring the leather with a strong waterproof color to stay as long as there is leather to hold it. Anyone can apply it and leave a hard, smooth brilliant finish that will not discolor. Dries hard very quickly 12 or 15 minutes only required for drying.



No. 1265--Pint cans. Price.....50c.
No. 1266--Quart cans. Price.....85c.

Top Lining Dye For That Worn Looking Top



This dye is made especially for use on faded or stained linings of tops or curtains. This dye gives dark, uniform color to the lining, and will not stiffen or harden the cloth as it does not contain varnish. Will not wash off and is non-fading. Will renovate the dirtiest top lining giving it a new and finished appearance. It will not collect dust, and dries quickly in about one or two hours. Put up in pint and quart cans.

No. 1258--Size, pint; weight, 1 1/4 lbs. Price.....\$0.60
No. 1259--Size, quart; weight, 2 3/4 lbs. Price..... 1.20

For Removing Paint, Varnish, Etc.

Removes all varnish, paint, shellac, and similar coatings in from 3 to 5 minutes, and as it contains no water, alkali, or acids, it will not in any way injure, stain or raise the grain of the finest woods or veneers.

No. 1262--Half pint cans. Price..20c.
No. 1263--Pint cans. Price.....30c.
No. 1264--Quart cans. Price.....55c.



Rim Paint if Used Will Save You Many Dollars and Much Trouble



All types of tires will in time rust to the rim. Sooner or later you will have to remove them and then you will have no end of unnecessary work and trouble. All that is necessary is to paint inside of rim and rings and you prevent rusting. It will not injure the tire or tube.

No. 1260--Half pint cans. Price..15c.
No. 1261--Pint cans. Price....25c.

MAP SHOWING ZONES OF PARCEL POST



Local rate	Zone rate	1st Zone (1-1.50 miles)	2nd Zone (50-150)	3rd Zone (150-300)	4th Zone (300-600)	5th Zone (600-1000)	6th Zone (1000-1400)	7th Zone (1400-1800)	8th Zone above 1800
\$0.05	\$0.05	\$0.05	\$0.05	\$0.07	\$0.08	\$0.09	\$0.10	\$0.11	\$0.12
.06	.08	.10	.12	.14	.14	.16	.19	.21	.24
.07	.11	.14	.18	.20	.20	.23	.28	.31	.36
.08	.14	.18	.22	.26	.26	.30	.37	.41	.48
.09	.17	.22	.27	.32	.32	.37	.46	.51	.60
.10	.20	.26	.32	.38	.38	.44	.55	.61	.72
.11	.23	.30	.37	.44	.44	.51	.64	.71	.84
.12	.26	.34	.42	.50	.50	.58	.73	.81	.96
.13	.29	.38	.47	.56	.56	.65	.82	.91	1.08
.14	.32	.42	.52	.62	.62	.72	.91	1.01	1.20
.15	.35	.46	.57	.68	.68	.79	1.00	1.11	1.32

FROM NEW YORK First Circle—New York is No. 1—Second No. 2—Third No. 3—Fourth No. 4—Fifth No. 5—Sixth No. 6—Seventh No. 7—Everything back of that is Zone No. 8

All areas intersected by the circle forming the outer boundary of any zone shall be considered as being entirely within such zone. Parcels weighing four ounces or less, are mailable at the rate of one cent for each ounce or fraction of an ounce, regardless of distance. Parcels weighing more than four ounces are mailable at the pound rate, as shown by the following table and when mailed at this rate, any fraction of a pound is considered a full pound.

Weight
1 pound
2 pounds
3 pounds
4 pounds
5 pounds
6 pounds
7 pounds
8 pounds
9 pounds
10 pounds
11 pounds

We Sell By Post From Coast to Coast

Uncle Sam's Mail
Makes Us All Neighbors

You Can Shop Through The
Mails as Easily as in Person



USE THE NEW PARCEL-POST

The inauguration of the Parcel Post System on January 1st, 1913, makes it possible for us to get in still closer touch with our customers. Heretofore, many Ford Owners when they wanted one or two small items, for their car, have bought them at some nearby place and paid the full list price for the goods wanted rather than order them from us and pay exorbitant express charges. This is no longer necessary for you can now order almost any article shown in our catalog that does not weigh over 11 pounds (packed) and it can be sent quickly by Parcel Post, at a very small cost. You are no longer at the mercy of the Express Companies. It is even cheaper in many instances to order more than 11 pounds of merchandise sent by Parcel Post, for we will pack the articles in more than one parcel and see that none of the parcels weigh over the 11-pound limit.

INSURING PARCEL POST PACKAGES AGAINST LOSS OR DAMAGE

We will insure all packages sent by Parcel Post if you send us an additional five cents for every \$10.00 worth of goods you order.

If your order amounts to more than \$10.00 and less than \$20.00 our charge for insurance is ten cents, and the same rate applies on larger orders.

The Parcel Post Weight of each article is plainly shown in this catalog. No order is too small or too large for us to handle.

SPECIALTY AUTO PARTS CO.

15 Beekman St.

New York City

N. Y. U. S. A.

Our Mail Order Department is splendidly equipped and affords persons in all parts of the World unexcelled opportunities for purchasing superior merchandise at exceptionally low prices

FREE! FORD MODEL "T" FREE! ENCYCLOPEDIA

With Every Order Amounting to \$2.00 or Over

EVERY FORD OWNER SHOULD HAVE A COPY OF THIS BOOK

IT is a complete manual for reference on the care and repair of the Ford Car. Its object is to explain to all FORD owners in a clear, simple way the workings of the car so that he may keep his machine running at all times and in all seasons, and when anything goes wrong he may be able to remedy the trouble without any loss of time. The car and its upkeep and repair is explained in the simplest manner possible, leading the car owner step by step from a total unfamiliarity up to one thoroughly competent to make every adjustment and repair. As a car owner's knowledge of his car increases his trouble decreases, and FORD owners will find this book a comprehensive manual that will save many dollars for him. It is a practical, sensible volume, with no nonsense to it.

WE OFFER THIS BOOK

F R E E

ALTHOUGH we have gone to a big expense in compiling this guide book, we offer it FREE to all of our customers who send us an order amounting to \$2.00 or over, and this offer does not mean that we have added anything to the price of our goods; on the contrary it has increased our sales so that we can lower our prices. Remember, anything you buy from us is covered with a MONEY-BACK GUARANTEE, and if you are not pleased with the article you must take your money back. We don't want your money if you don't want our goods.

Specialty Auto Parts Co.

The Ford Accessory Specialists

15 Beekman Street,

New York City, U. S. A.