Instruction Book

ESSEX
SUPER-SIX

OCTOBER
1927

HUDSON MOTOR CAR COMPANY
DETROIT, MICHIGAN, U. S. A.

PRINTED IN U.S.A.
Warranty

The factory obligation with respect to replacement of alleged defective parts is fully covered by our warranty as follows:

"We warrant the automobiles manufactured by us to be free from defects in material and workmanship under normal use and service, our obligation under this warranty being limited to making good any part or parts thereof which shall, within ninety (90) days after delivery of such automobile to the original purchaser, be returned to us with transportation charges prepaid, and which our examination shall disclose to our satisfaction to have been thus defective.

"This warranty is expressly in lieu of all other warranties expressed or implied, and of all other obligations or liabilities on our part, and we neither assume nor authorize any other person to assume for us any other liability in connection with the sale of our automobiles.

"This warranty shall not apply to any Essex automobile which shall have been repaired or altered outside of our factory in any way so as, in our judgment, to affect its stability or reliability, or which has been subject to misuse, negligence, or accident.

"We make no warranty whatever in respect to tires, rims, ignition apparatus, tops, upholstery, horns or other signaling devices, batteries, speedometers, or other trade accessories."

HUDSON MOTOR CAR COMPANY
Detroit, Michigan

The factory does not participate in any labor costs incident to the replacement of parts under the warranty. The warranty under which Essex motor cars are sold will be interpreted by the Distributor or Dealer from whom the car was purchased. If you are touring and require service, be sure and get in touch with your nearest authorized Essex Distributor or Dealer.
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LICENSE DATA

Car serial number .................................... (see plate on front of dash under hood).
Engine serial number ................................. (stamped on left side of cylinder, near water inlet elbow).
Number of cylinders—6.
Diameter of bore—2 11/16 in.
Stroke—4 1/2 in.
Standard horsepower rating for license purposes—17.32.
Piston displacement—153.15 cu. in.
Shipping weight—Coach 2450 lbs., Sedan 2530 lbs., Coupe 2490 lbs., Speedster about 2115 lbs., Speedster 2230 lbs.

TIRES

Inflate front tires 28 lbs. Inflate rear tires 32 lbs.
Check pressures once a week.
Starting the Motor

To start the motor, pull out the choke button on the instrument board part way—in cold weather it may be necessary to pull it all the way out. The instrument board throttle button should then be pulled out until the accelerator pedal moves downward about \( \frac{1}{8} \) inch, after which the ignition switch lever should be moved to the left in the “on” position. Pulling out the starter button on the instrument board completes the starting operation.

It is important that the choke button be pushed in as far as possible consistent with smooth motor operation as soon as the engine starts to fire, and must be completely in when the motor becomes warmed up.

To obtain maximum performance and efficiency, the shutter control button should be regulated so the motor temperature will agree with the directions on the motometer dial.

Operating Instructions

The care given to a motor car during its first 1000 miles governs, to a large extent, the length and satisfaction of its service.

All moving parts are closely fitted and adjusted. Higher speeds must be approached gradually to give these parts an opportunity to properly “run in” and insure perfect bearing surfaces. During the first few hundred miles, sustained high car speeds should not be indulged in; nor should the motor be raced or speeded up while the car is at rest.

We recommend that the oil in the crankcase be completely changed after the first 250 miles and every 500 miles thereafter. Other parts of the chassis should be lubricated according to the instructions given in the following pages of this book.

Strict adherence to the following suggested car speeds with respect to speedometer mileage will amply repay you in improved performance, and will minimize your future maintenance costs.
Speedometer Reading

0 to 250 miles—Do not exceed 35 m. p. h. high gear; 15 m. p. h. intermediate gear.

250 to 500 miles—Do not exceed 40 m. p. h. high gear; 20 m. p. h. intermediate gear.

500 to 1000 miles—Do not exceed 45 m. p. h. high gear; 20 m. p. h. intermediate gear.

IMPORTANT—Do not under any consideration attempt to maintain a high rate of speed until the motor is thoroughly warmed up, the oil gauge showing pressure, and you are sure that there is plenty of good oil in the crankcase.

General Lubrication Instructions

Motor Lubrication

Use only high-grade oil of heavy body.

In cold weather, use only high-grade heavy body oil which will flow at low temperatures.

Consult your dealer if you are in doubt as to what oil to use.

The oil gauge must always register when the motor is running. To determine the amount of oil in the reservoir, pull out oil level gauge, shown above, wipe it clean, then turn slide and drop gauge into reservoir. When withdrawn, the exact oil level will be shown.

Every 250 miles, add oil as found necessary to bring contents up to “full” mark. Drain the reservoir and replenish with new oil at 500-mile intervals, adding 5 quarts.
Steering Gear

The steering gear case should be filled with steam cylinder oil to the level of the pipe plug "C," as shown. Any up and down motion or play in the column which might develop after extensive service can be eliminated by the removal of shims shown at "A" in illustration. Remove screws "B" holding upper cap in place, take out a shim, tighten down cap, and test. If necessary, repeat and remove additional shims.

Excessive play or lost motion between the worm and worm wheel can be taken up by adjusting the worm wheel eccentric bushing shown at "E." Remove the cap screws "F" and lock plate "D," then turn bushing in housing until only a slight amount of play is felt. The lock plate should then be replaced and the steering wheel turned from extreme right to left positions to make sure there is no tendency to bind.

Should binding take place after either of the above adjustments has been made, it will be necessary to replace a shim or back off the bushing a notch to insure proper lubrication.
Clutch

Clutch lubricant should be inspected and replenished if necessary every 2500 miles, or oftener if the action becomes harsh as follows:
Remove one bolt at side of flywheel pan, also cap screw holding rear end of pan to transmission case, and swing pan to one side.

Turn flywheel until square head filler plug in clutch cover is at its lowest position.
Remove plug and with an oil gun fill with 8 ounces of light motor oil to the bottom of the plug opening. It is important that plug opening be at its lowest level; otherwise too much oil will be introduced.
Replace filler plug, tighten securely and fasten flywheel pan in position.
A free movement of at least $\frac{3}{4}''$ should be maintained between the clutch pedal and the bottom of the toe board at all times. When necessary, adjustment may be made by lengthening the link connecting the pedal shaft lever with the throwout yoke.

Transmission

The transmission oil filler is located immediately forward of the transmission lock. We suggest that one screw be removed and the other one loosened. The transmission lock should then be pushed down and the plate will slide over, giving free access to the opening.

For transmission lubrication, we recommend the use of high-grade heavy body motor oil which will meet the specifications listed on page 5 under Motor Lubrication. Do not use grease. Oil should not be carried above the level of the test plug, which is located on the right-hand side of the transmission case. Remove this plug and fill only until oil drips from the opening. Every 5000 miles the transmission should be drained, flushed out with kerosene and refilled with new oil to the proper level.
Rear Axle

The rear axle drive gears and differential are lubricated by removing the large pipe plug in the housing cover. The oil supply in the housing should be kept up to the level of the filler plug opening.

Use only good rear axle or differential oil that will flow at low temperatures. Do not use grease. Once a year drain axle by removing lower cap screw from housing cover and refill with new oil.

Universal Joints

The universal joints, because of the severe service to which they are put, require adequate lubrication attention. Every 2000 miles remove plugs and fill with fiber grease.
Electrical Units

Generator

Three or four drops of light motor oil at points designated every 1000 miles.

Distributor

Fill distributor base with motor oil once a month or every 500 miles to the level of the oil cup.

Starting Motor

The starting motor is fitted with oilless bearings and requires no lubrication.

Horn

The horn should be lubricated occasionally by removing the cover screw and cover and placing a few drops of light oil in the oil holes provided.
Electrical System

The electrical system requires little attention other than that of proper lubrication.

Within five days after delivery of a new car the purchaser should take it to the nearest Electric Auto-Lite Service Station in his territory for registration and inspection of the electrical units. An identification card will be received by him which will entitle him to free inspection service on the electrical apparatus at any Electric Auto-Lite Service Station during the guarantee period.

The electrical units covered by the Electric Auto-Lite Company Guarantee include: Starting Motor, Generator, Distributor, Coil and Switch.

The wiring employed in the light circuits is protected by a 20-ampere fuse located on the back of the ignition switch, as shown in the illustration on page 16. If for any reason the lights do not burn, examine this fuse; if necessary, replace with a spare of the proper capacity.

Spares will be found in the fuse carrier at the bottom of the switch back.

Persistent blowing of the fuses indicates a short in the wiring, and the circuits should be inspected by your dealer at the earliest opportunity.

The ignition distributor requires no attention other than that pointed out in the illustration.
Ignition Timing

The ignition distributor is equipped with an automatic spark control device, which automatically times the ignition according to the motor speed. This renders a hand spark advance unnecessary. The initial setting at the factory is correct and should not be altered unless these parts have been removed or disturbed.

To check the spark timing when necessary, proceed as follows: Remove No. 1 spark plug and crank the motor by hand until the rush of air from the plug opening indicates that the piston is coming up on compression stroke. This can be readily determined by placing a finger over the spark plug opening. The motor should then be turned very slowly until the dead center mark on the flywheel coincides exactly with the lower edge of the square sight hole on the right side of the motor rear plate. When this is done, the motor is on dead center.

Remove the distributor cap and rotor, and see that the contact points are just separating.

To adjust, if necessary, loosen the nut on the distributor lock pin, shown in the illustration on page 9, and turn the distributor slightly in the proper direction. Turn the distributor to the right, or clockwise, to retard the ignition; to the left, or anti-clockwise, to advance. Then re-tighten the lock pin nut.

Storage Battery

Immediately upon delivery of a new car, the purchaser should take it to the nearest authorized "Exide" Battery Service Station for an initial inspection.

During the winter months, the greater use of lights and the starting motor naturally drains the battery more quickly than in summer. Let your nearest battery station inspect the battery frequently and advise you as to its condition.
The Carburetor

After a new car has been run approximately two hundred miles, it is advisable to alter the carburetor adjustment so the car will operate on a leaner mixture. To adjust the carburetor for best fuel economy, proceed as follows:

Run the motor a sufficient length of time for it to attain a normal running temperature; then close the throttle.

Decrease the amount of fuel by turning the knurled adjusting screw at bottom of carburetor to the left, until the motor begins to miss or stalls. This may require several complete turns.

The adjustment should then be reversed, that is, turned to the right, a notch at a time, until the motor fires evenly. This will require about one-half a turn. This one adjustment automatically insures correct carburetion throughout the entire operating range.

In hot weather better performance will be obtained by opening the sliding covers on the hot air stove.

Cooling System

The cooling system should be kept full of pure water at all times. If the water in your locality is known to contain alkali or lime, avoid its use if possible and use rain water.

It is important that the cooling system be drained and thoroughly flushed out with clear water at frequent intervals to prevent the formation of deposits which would tend to obstruct the water passages in the radiator.

Keep the radiator shutters adjusted so as to maintain an efficient operating temperature as indicated by the directions on the motometer dial.

See that the fan belt does not slip. An adjustment is provided for taking up slack.
The Chain

The camshaft and accessory shaft is driven by a chain which is provided with means of adjustment. At the expiration of from 500 to 1000 miles driving it is advisable to determine if the chain requires taking up. Subsequent inspections at intervals of 4000 miles are recommended. To inspect chain proceed as follows:

Grasp the rubber coupling on the generator drive shaft “C” and turn to and fro as far as possible. There should be approximately \( \frac{1}{8} \) movement on the circumference.

To adjust chain:

Loosen retaining bolts “B.”

Note: At certain stages of adjustment, the inside top bolt and the bottom bolt, or both, may pass through notches in plate. It will then be necessary to remove these bolts entirely. Insert special tool in notch and turn flange toward you until only necessary play is present. If the two bolts referred to have been removed and cannot be returned, then back off adjustment slightly until they will enter through notch.

It is necessary when the distributor support housing has been removed, but not otherwise, to introduce \( \frac{1}{2} \) pint of motor oil through pipe plug opening “D” before running motor.

To remove or replace chain, turn the adjusting eccentric to the point of minimum adjustment and then remove the camshaft sprocket.

The punch marks on the chain should coincide with those on the sprockets, as shown in the view, when properly assembled.
Lubrication Chart

- Fill oil cups weekly with motor oil.
- Oil frequently.
- Keep transmission filled to level of overflow plug on right side of case.
- Drain every 500 miles, flush with kerosene and refill. See page 7.
- Keep steering gear case filled to level of plug.
- Keep hubs filled with medium cup grease.
- Fill oil cups weekly with motor oil.
- Fill oil cups every 2000 miles.
- Pack with grease every 2000 miles.
- Fan—every 2000 miles. Remove pipe plug and fill with fiber grease.
- Distributor—fill base to level of oil cup with motor oil every 500 miles.
- Generator—2 drops motor oil in cups every 100 miles.
- Inspect clutch, lubricant and replenish if necessary every 2000 miles. See page 7.
- Every 500 miles: remove rear wheels and bearing retainers, wash bearings in kerosene and repack with good cup grease.
Spring Shackles

The spring shackles are provided with an adjustment by means of which all play can be taken up in a few minutes and rattles at these points eliminated.

Do not tighten too much or you will interfere with the action of the springs. Follow the instructions given closely.

Spring Clips

Spring breakage can usually be attributed to looseness in the spring clips which secure the springs to the axles. It is recommended that these clips be inspected occasionally for tightness.
Brake Adjustments

We suggest that you have your service station make all brake inspections for you.

In an emergency, to adjust the foot or external contracting brake, proceed as follows: First, see that the brake pull rods are adjusted so that the lever rests against the stop. Second, adjust "A" until the band just clears the drum at this point. Third, loosen lock nut "B" and turn the adjusting nut "C" down, thereby raising the lower half of the band until it just clears the drum. Fourth, by turning the wing nut "D" the upper half of the band can then be brought down so that it just clears the drum.

In conjunction with the above adjustments, each band is equipped with an adjustment at three points to assist in making the band conform to the circle of the brake drum itself. These adjustments are shown in detail at "E" and each is provided with a lock nut and adjusting nut to vary the position of the band.
The hand brake will require no attention for an indefinite period. Reference to the illustration will show that the position of the expanding band is controlled by double adjustments indicated at "F." When it becomes necessary to adjust the hand brake, first adjust at "G" in order to have band just clear drum. Then expand the band by means of adjustments "F" so that it just clears the drum when the wheel is returned to position.

**Wheel Alignment**

The alignment of the front wheels has a very important bearing on the life of the front tires, and on the ease of steering. The alignment can be easily checked by measuring the distance between the inside of the rims at the front and rear. The distance at the front should be the same as the distance at the rear, or range from that to one-eighth inch less.

The steering cross rod has an adjustable clevis. To adjust front wheels to proper "toe-in," the cross rod clevis pin should be removed, the clamp bolt loosened and the clevis turned in or out as necessary until the proper result is obtained.
Headlamp Adjustments

**DESCRIPTION**—The Parabeam Headlamp is a complete lighting unit of the type which uses a double filament bulb of 21 c. p. for each filament. The two filaments are spaced $\frac{1}{8}$-inch apart, above and below the central axis of the bulb. Lighting the lower filament gives the upper or "driving" beam. (Fig. 2.) The upper filament produces the lower or "passing" beam (Fig. 3) for city driving or whenever the upper beam might cause annoyance to others. The lower beam is tilted downward about $2\frac{1}{2}$ degrees from the upper position, or about 1 foot on a wall 25 feet from the lamp. The two lower white lines in Fig. 3 indicate the maximum and minimum tilt for the top of lower beam.

The headlamp consists of a carefully made outer housing and door, a special variable axis parabolic reflector to tilt and spread the light, and a ribbed or fluted lens designed solely for use with this reflector. In addition to the upper screw "A" (Fig. 1) at the rear for focusing the bulb, an adjustment is provided for raising or lowering the bulb in the reflector, to secure best results from different bulbs. This is done by the lower screw "B" (Fig. 1) at back of lamp, which turns a small eccentric, tilting the socket and bulb up or down in the slotted guide tube attached to the reflector.

**TO FOCUS**: *First*—Place car on level ground or floor, and squarely facing a smooth wall 25 feet from the headlamps.

*Second*—Mark a horizontal line "A" (Fig. 4) on the wall at the height of headlight bulbs from ground. Next mark two vertical lines from line "A" to the ground, exactly in front of each headlamp center. The distance between these vertical lines should be the same as the distance between the headlight bulbs.
**Third**—With one lamp covered to hide its light, set the lighting control switch at the upper or “driving” beam position and remove the door from the uncovered lamp. Turn the lower of the two screws “B” (Fig. 1) in the back of headlamp (vertical adjustment screw) to the right until the top of the light beam is as low as possible, then turn it to the left one-quarter turn or slightly more. The total adjustment is covered by a half turn of the screw. Turning screw to right raises the bulb in reflector and tends to lower the top of the “driving” beam, producing a flatter cut-off, and less tilt to the lower beam. Therefore, set the bulb so that the beam shown in Fig. 5 is obtained by proceeding as follows:

**Fourth**—Turn the large focus screw “A” (Fig. 1) in center of lamp slowly to left or right until a bright triangular spot like Fig. 5 is obtained. Try removing the bulb, turning it half way around to reverse the position of filaments, and replacing in the socket. This insures the best beam from the bare reflector, since the bulb filaments sometimes vary in length and position.
The top of the triangular light spot should be almost flat or slightly peaked in the center. Now replace the door and lens and fasten firmly.

_Fifth_—Aim or point the lamp by loosening the nut at "C" (Fig. 1) on lower side of lamp mounting. The center of the beam should strike the vertical line on wall in front of this lamp, and the top of beam should touch line "A" when car is fully loaded. If car is empty, allow at least 4 inches between line "A" and top of light beam. Under no circumstances should any part of the bright beam rise above line "A."

_Sixth_—Make sure that the lamp is firmly fastened in position when it is aimed correctly. Then repeat the foregoing operations with the other lamp. The two upper beams should be similar in shape and should strike the wall at the same height from the ground. Now turn the control switch to the lower or "passing" beam position and note whether the cut-off or top of the bright area on wall has dropped about 1 foot. If the amount of drop is considerably less than 1 foot, turn lower screw "B" (Fig. 1) (vertical adjustment) to left very slightly and try both upper and lower beams on the wall. When the upper beam from one lamp looks like Fig. 2 it is correctly adjusted and the lower beam will have the proper amount of drop or tilt.

The lower beams project a powerful light close to the car and are of great comfort when meeting another car with glaring lights, since the road-side and ditch are brightly illuminated.

When the lamps are properly adjusted and focused, as outlined above, they will meet the legal requirements of most states. However, the range of tilting movement, together with the other adjustments provided, is sufficiently great to permit any necessary deviation from this setting to conform with your local legislation.
Coach Adjustable Front Seat

Description

The front seats in the coach are provided with a mechanism by means of which they may be slid backward or forward by the occupant. The driver's seat may thus be set in any one of three positions, giving varying amounts of leg room, while the passenger seat next to the driver may be slid to the forward position which allows ample room for passengers to enter or leave the rear of the car. All of these operations may be readily performed while the seats are occupied.

To Operate the Driver's Seat

1. Pull the finger grip "A" outwards. This releases the cross bar "B" from the slots "C" in the runner "D."

2. Slide the seat backward or forward until the cross bar "B" is opposite the front, middle or rear slot as may be desired and release the finger grip. A strong spring "E" pulls the cross bar into the slots and holds it securely in place.
3. These operations may very easily be made when the seat is occupied by first pulling the body towards the steering wheel with the right hand. This tends to slide the seat forward and enables the finger grip to be pulled outward with the left hand. The seat may then be slid backward or forward and the cross bar dropped into the desired slot.

**To Operate the Passenger’s Seat**
Normally this seat is in the extreme backward position which allows ample room for the occupant while riding. When other passengers desire to enter or leave the rear of the car, the occupant of the front seat should grasp the ledge above the instrument board and pull towards him. This will cause the seat to slide forward until there is ample room between the back of the seat and the door hinge pillar for entrance or exit. To return the seat to the normal riding position, it is only necessary to push back with the feet against the toe boards and the seat will slide easily to the extreme back position. When this seat is not occupied, it may be folded entirely forward out of the way.

**To Adjust the Tilt of Seat Backs**
The backs of both front seats are hinged at the bottom, and adjusting screws “F” are provided to enable the seat back to be inclined forward or backward as may be desired.
Winter Driving

There are two things to take into consideration when operating your car in freezing weather. They are the Lubrication and Cooling Systems.

Lubrication

Oils are affected by temperature. Many oils thicken and the pump will not handle them. Use only an oil that will stand a low cold test in freezing weather. It is recommended that the oil be changed every 500 miles.

Cooling System

When the car is operated in freezing weather, use the anti-freeze mixture we recommend.

For zero temperature
Alcohol ............... 30%    Alcohol .............. 35 to 50%
Water ............... 70%    Water .............. 50 to 65%

Do not use kerosene or any patent compound as an anti-freeze.
Capacity of cooling system is 4 \(\frac{3}{4}\) gallons.

If anti-freeze mixture is not used, the water in the system must be completely drained off to avoid damage due to freezing whenever the car is not being operated. The drain is located in the lower radiator tank.

Care of the Finish

The same care should be exercised in washing and cleaning cars finished in lacquer or enamel as is employed in the handling of varnished surfaces. Dry dirt accumulations should not be wiped off, but should be softened and removed by thoroughly soaking the body with flowing water, applied under light pressure.

Careful washing of the car, followed by the use of a polish especially prepared for lacquer or enamel finishes, will maintain a high luster and preserve the finish. The use of polishes containing strong abrasives should be avoided, as they are particularly destructive to the striping employed. Anti-freeze solutions containing alcohol when accidentally spilled on the finish should be immediately washed off with clear water to prevent spotting, as alcohol is a solvent of lacquer.
Corrective Data

Starter Does Not Work
1. Loose battery connections. The terminal clamps on the battery should be kept tight and coated with vaseline to prevent corrosion.
2. Storage battery run down. Let your battery station advise.

Failure of Motor to Start
1. Ignition contact points dirty. See page 10. Clean by pulling a piece of fine (00) sandpaper between them.
2. Motor flooded with gasoline caused by excessive choking. Crank motor with choke button all the way in until motor fires.

Reasons for Motor Missing
1. Driving with cold motor. Close radiator shutter until it warms up.
2. Too rich a mixture. See that choke button is not pulled out.
3. Fouled spark plugs. Clean them and set points at .028 of an inch clearance.
4. Tappets set too close together so that valves will not close. See page 27.

Reasons for Overheating
1. Water supply low.
2. Cooling system dirty. Dissolve about two pounds of sal soda (washing soda) in hot water and pour in radiator. Run car for about one-half hour, then drain and flush twice with pure water.
3. Hose connections in bad shape. Remedy is to replace.
4. Lack of motor oil. See that oil gauge on dash is working and that oil reservoir contains sufficient oil.
5. Loose or broken fan belt.
6. Late ignition timing. See page 11.

In General
2. Rear axle noise. See that differential has sufficient lubricant. Remove housing cover plug and add oil if necessary.
ESSEX INFORMATION

Wheelbase  
110 1/2 inches.

Turning Radius  
20 feet.

Road Clearance  
8 1/2 inches.

Rear Axle  
Gear ratio—5 4/10 to 1.

Firing Order of Cylinders  
1, 5, 3, 6, 2, 4.

Spark Plugs  
Metric, gap .028 inch.

Ignition Contact Points  
Opening .020 inch.

Exhaust Pipe  
1 3/4 inches diameter.

Valve Tappet Clearance  
Intake .003 to .005 inch, exhaust .005 to .007 inch, with hot motor.

Valve Timing  
Intake opens 7° after upper dead center, closes 50° after lower dead center; exhaust opens 55° before lower dead center, closes 8° after upper dead center.

Oil Reservoir and Troughs  
Capacity 6 quarts; reservoir only, 5 quarts.

Clutch  
For motors numbered 562952 to 606868—One-quarter pint, mixture of 1/8 pint light motor oil and 1/8 pint kerosene.

Clutch—Continued  
For motors numbered 606868 and upward—Eight ounces of light motor oil.

Clearance between pedal and toe board of at least 3/4 inch.

Transmission  
Fill to level of test plug on right side of case.

Rear Axle  
Fill to level of filler plug in housing cover.

Cooling System  
Capacity 4 3/4 gallons.

Gasoline Tank  
Capacity 11 1/2 gallons.

Springs  
Front, 36 inches long, 2 inches wide; rear, 54 7/8 inches long, 2 inches wide.

Spring Bolts  
9/8 inch diameter.

Brakes  
Drums 14 inches inside diameter, internal brakes 1 1/2 inches wide, external brakes 1 3/4 inches wide.

Storage Battery  
6-volt, 13-plate.

Lamp Bulbs  
Headlamp, 6-volt, double filament, 21 c. p. for each filament; dome, side, tail and instrument lights, 6-volt, 3-candlepower, single contact; stoplight, 6-volt, 15-candlepower, single contact.

Accessories

The following is a list of manufacturers of accessories used on Essex cars, with whom all matters pertaining to repairs or replacements should be taken up:

Speedometer  
Stewart-Warner Speedometer Corp., Chicago, Ill.

Battery  

Gasoline Gauge  
King-Seeley Corp., Ann Arbor, Michigan.

Horn  
E. A. Laboratories, Inc., Brooklyn, N.Y.

Starting Motor, Generator, Distributor, Ignition Coil and Switch  

Vacuum Tank  
Stewart-Warner Speedometer Corp., Chicago, Ill.

Motometer  
Motometer Company, Long Island, N. Y.

Windshield Cleaner  
Trico Products Corp., Buffalo, N. Y.

Tires  
Goodyear Tire and Rubber Co., Akron, Ohio.
