



# Owner's SERVICE GUIDE

for MODEL "85" MOTOR SCOOTERS



1947

SALSBURY MOTORS, INC.

A Subsidiary of Northrop Aircraft, Inc.

POMONA

CALIFORNIA

# TO THE OWNER OF THIS NEW SALSBURY:

We are pleased that you have become the owner of our new Model 85

We enclose complete operating instructions and lubrication data. For maintenance or repairs we believe your best interests will be served by taking your machine to your Salsbury Motor Scooter Dealer where trained mechanics have special time-saving equipment and use genuine Salsbury parts.

Proper lubrication is a most important factor in protecting the investment in your motor scooter. Carefully follow recommendations for long life.

Visit your Salsbury Dealer and have your motor scooter properly lubricated and inspected at least once every thirty days.

"DRIVE CAREFULLY - OBSERVE ALL TRAFFIC REGULATIONS."

SALSBURY MOTORS, INC.

E. F. Salsbury



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**CUTAWAY VIEW OF SCOOTER** 

SALSBURY MOTORS, INC.

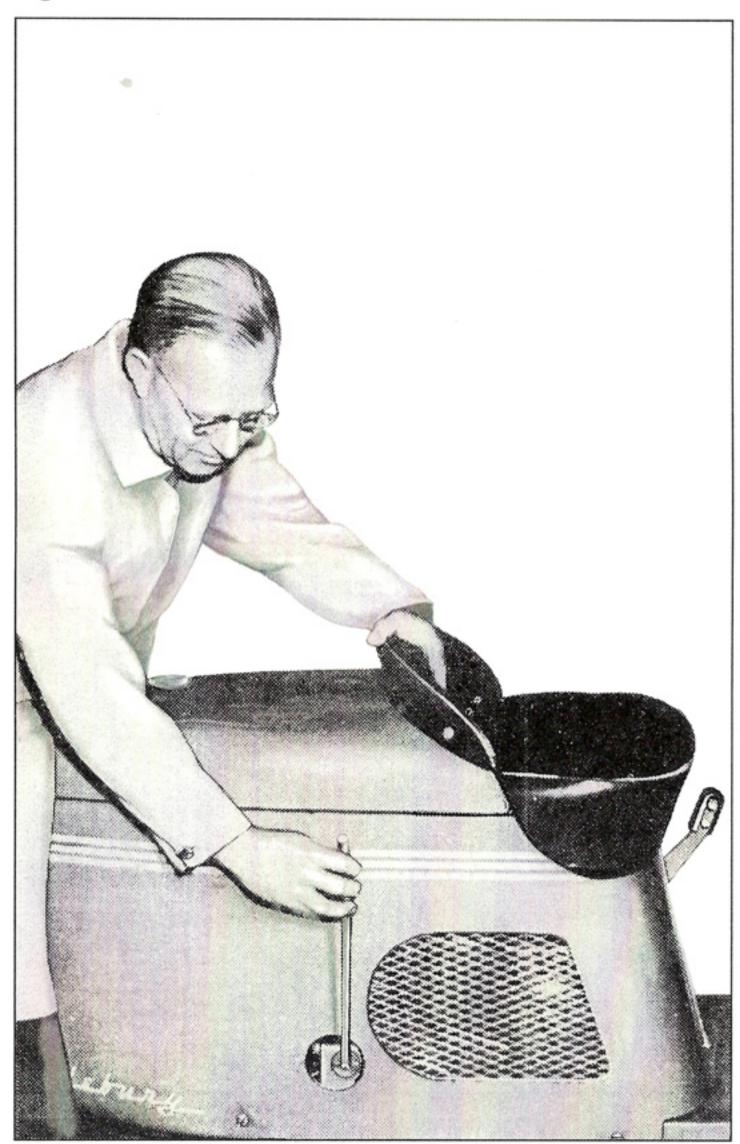


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PHOTOGRAPH NO. 1

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## DEALER INSPECTION AND SERVICE

Be sure to fill in Registration Card and forward it immediately to Salsbury Motors, Inc. This will cover your new Salsbury Motor Scooter by Warranty for three months after date of delivery.

You are entitled to one free inspection and service each week for the first four weeks after delivery. This service will be given only by the dealer from whom you purchased your Motor Scooter.

- 1st First weekly service includes: Road test. Check and adjust, if necessary, carburetor, brake, chain, and all electrical connections.
- 2nd. Second weekly service includes: Road test. Check and adjust, if necessary, front and rear wheels, brake, lights, chain, clutch and transmission. 250 mile lubrication service.
- 3rd. Third weekly service includes: Road test. Tighten all bolts and nuts on engine and chassis.
- 4th. Fourth weekly service includes: Road test. Tune motor, adjust carburetor, clean and adjust spark plug, check and adjust magneto points, clean carburetor sediment bowl, test brake, check drive belt, chain, clean oil screen. 500 mile lubrication service.

## BREAKING IN PERIOD

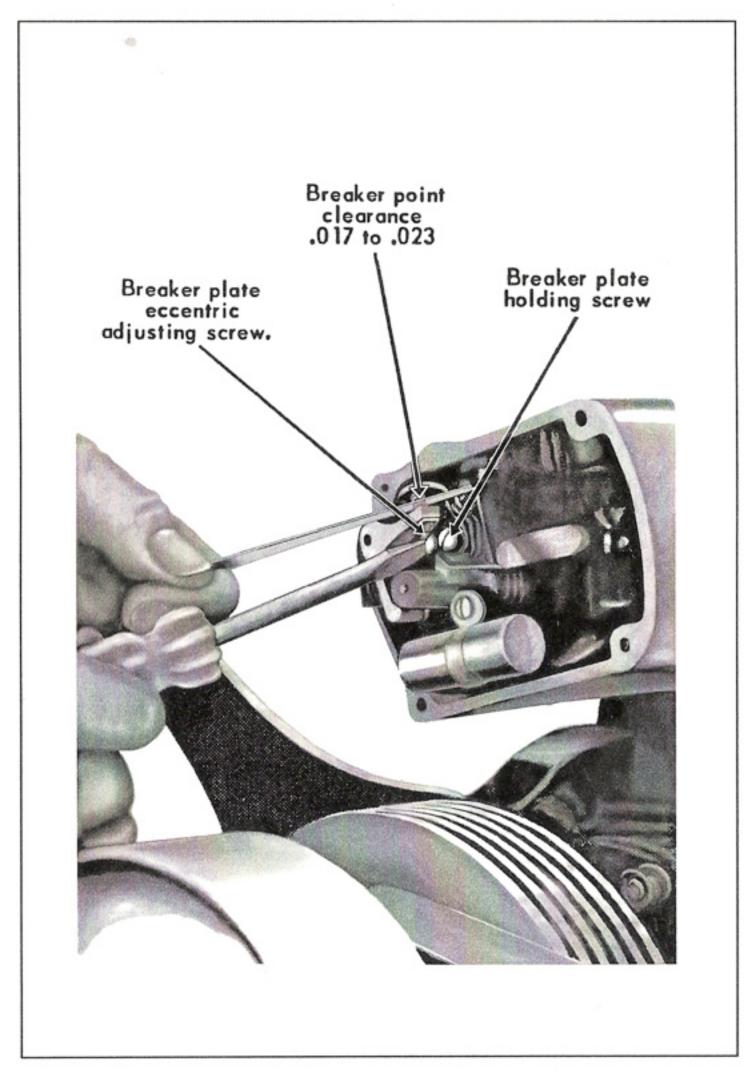
25 miles per hour for the first 250 miles.
35 miles per hour for the next 250 miles.
Care should be exercised not to exceed the recommendated speeds during the first 500 miles to obtain economy and long life.

## TO START ENGINE

- Always set foot brake by pressing at forward section of pedal before starting engine. To release, engage foot firmly on rear section of pedal.
- 2. Engage foot starter firmly.



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PHOTOGRAPH NO. 2

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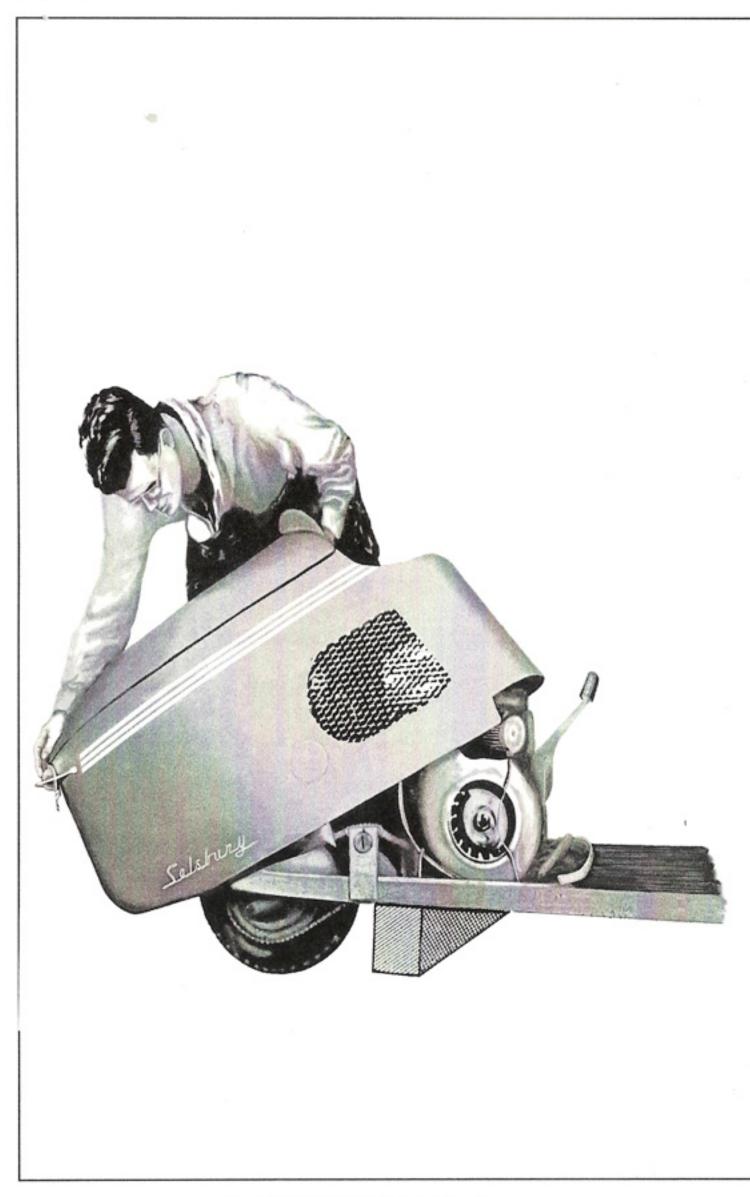
- Push down on foot starter pedal twice with the ignition key in off position and carbureter fully choked and throttle partly open.
- 4. Turn ignition key on, push down on foot starter pedal with throttle partly open and choke in off position.
- 5. Don't hold throttle wide open when starting.
- 6. Don't choke a hot engine.

Permit the engine to warm up before accelerating. This holds true for summer and winter. All engine oils thicken when cooled and thin slowly when warmed. Damage or seizure to the fast moving parts may take place unless this precaution is observed. To accelerate, depress the foot throttle fully, but for continuous operation, cut back to 1/2 to 3/4 throttle opening.

## ADJUSTMENTS

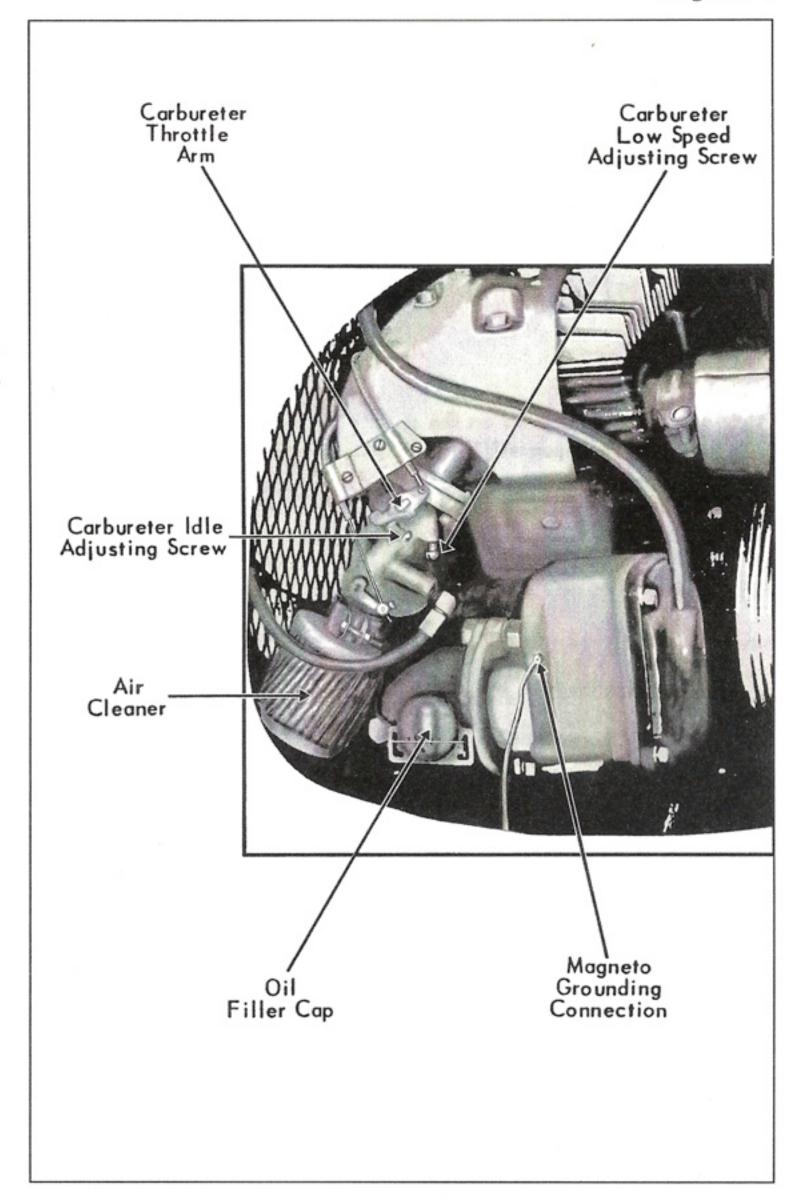
## REMOVING SEAT AND BODY

- Block up under motor scooter frame just forward of rear wheel and high enough to relieve load from rear spring. Then remove upper nut from spring bolt located underneath the luggage compartment floor on the right hand side of the body.
- For access to engine, remove seat. To do this, lift luggage compartment cover by exerting pressure on back tip and pushing on lock located at left rear, lift hood up, slide seat to rear and lift out. (See Photo No. 5) This procedure is also followed when filling engine with oil.
- Remove the lower trim clamp located below the foot starter pedal.
- Disconnect tail lamp wire at junction located at the outer side of the flywheel blower housing.
- Close gasoline shut-off valve at the filter.
- Remove gasoline line clamp from body.
- 7. Disconnect gasoline line from filter.
- 8. Remove the four body bolts which are located on both sides of the body at the base.
- 9. Remove the body by holding the tail lamp bracket in one hand



PHOTOGRAPH NO. 3

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PHOTOGRAPH NO. 4





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and placing the other hand under the seat back, (See Photo No. 3) lift up both ends with a rolling movement, rolling the front of the body to the rear.

## BRAKE

To adjust brake, block up rear of machine high enough to clear rear wheel of floor, release foot brake pedal. Tighten brake adjusting nut (located in rear of brake cable), until brake engages when the pedal is depressed to the first notch. (See Photo No. 6)

## CARBURETER

The low speed jet is located on the upper right hand side of the carbureter. 1/2 to 3/4 turns open will be sufficient. To obtain desired idling speed, adjust idling screw, which is located on top of the carbureter next to the throttle arm, when engine is running. (See Photo No. 4) The high speed jet is fixed and does not require adjusting.

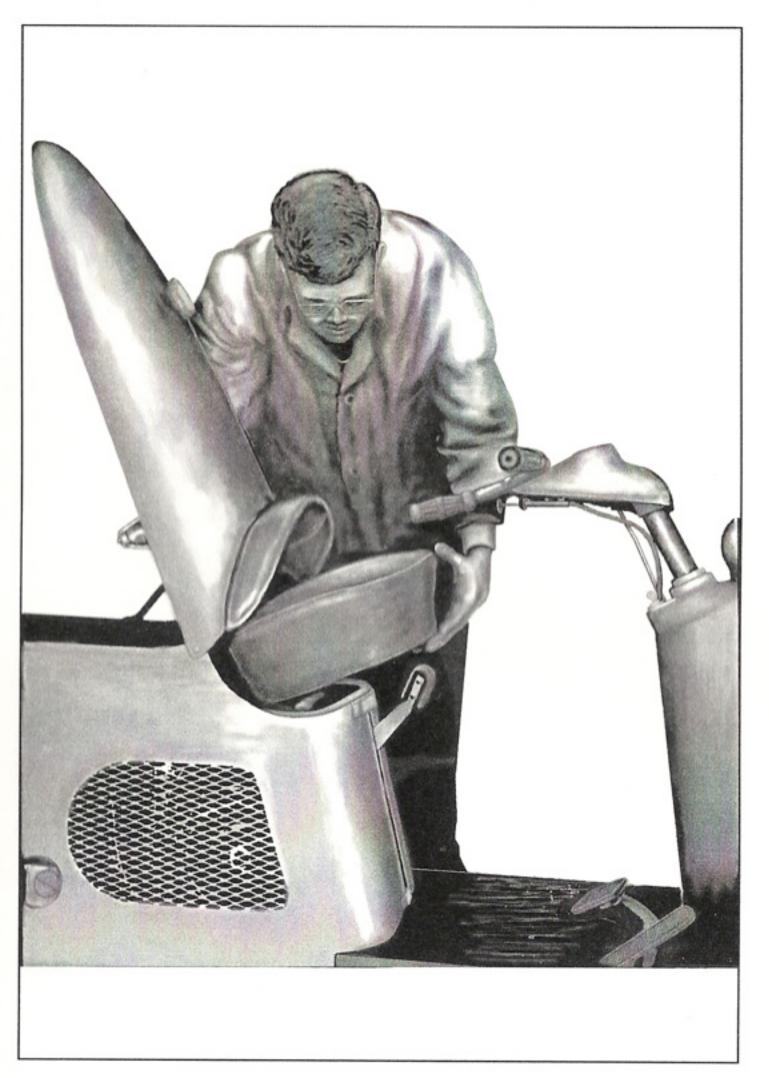
## DRIVE CHAIN

Remove chain adjusting hole cover located on right side of rear panel. Loosen the eccentric shaft clamp bolt, then use a heavy offset screwdriver to turn the eccentric shaft to the right to tighten chain and to the left to loosen chain. With drive wheel on floor, the person accomplishing the adjustment should sit a-straddle of the hood. (See Photo No. 1) When the chain is adjusted properly with one person sitting on the hood, there should be approximately one-half inch total up and down movement of the chain. Tighten eccentric shaft clamp bolt after completing adjustment and replace hole cover.

## LIGHTING

Salsbury headlight is adjusted to State of California standards. Owners located elsewhere should have a local approved adjustor of the state or county in which it is to be operated check this adjustment. The proper bulb equipment is as follows:

Headlight #2330 Tunsol 32-32 C. P. 6 - 8V DC Tailight #63 3 C. P. 6 - 8V DC



PHOTOGRAPH NO. 5



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## MAGNETO

To set breaker points, remove outer cover and set clearance .017 to .023 by loosening set screw and turning eccentric screw located on fixed point plate. Every 1,000 miles place a couple of drops of oil on felt located near breaker points.

## SPARK PLUG

All Salsbury engines are equipped with Auto Lite A -9 spark plug. Set point to .030 gap. Always make the adjustment on the grounded point. Moving the straight tip may result in cracking or breaking the porcelain.

As an economical measure, have the spark plug cleaned and tested regularly by your dealer. When replacing wi8th a new spark plug, use the same type as was used originally.

## AIR CLEANER

Clean with gasoline at least once every 1,000 miles, and more often if your Salsbury is operated under extremely dusty conditions.

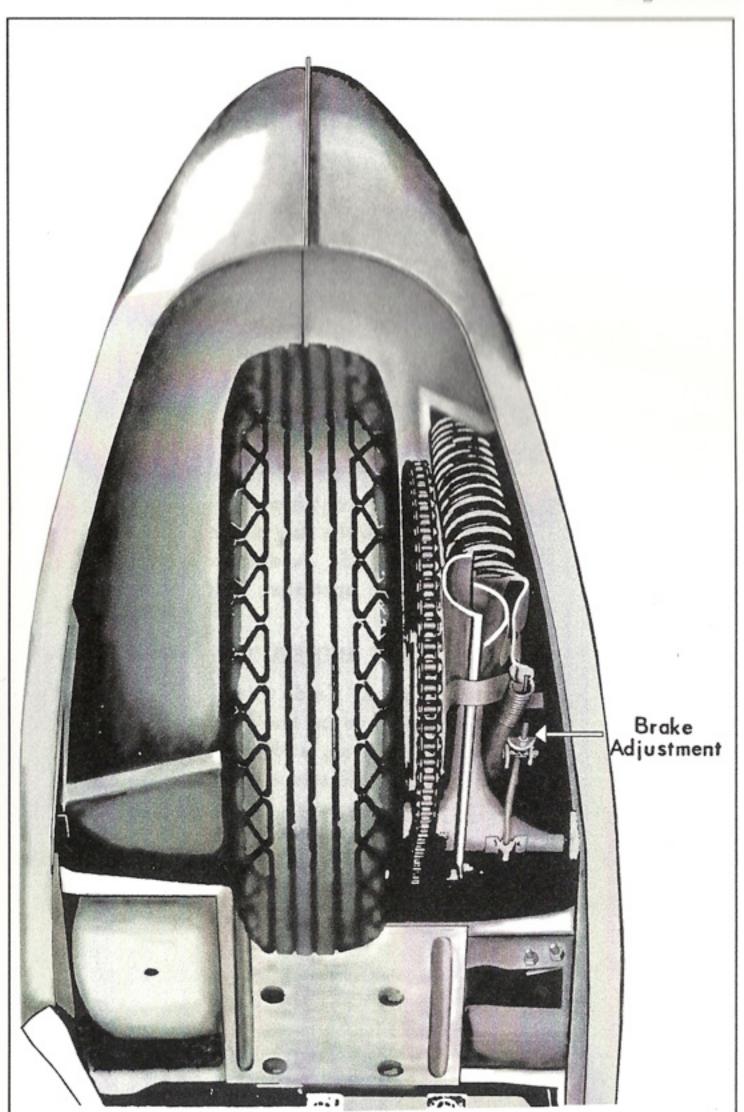
## CONTROLS

## BRAKE AND FOOT THROTTLE

The brake and foot throttle are located on the right floor board. For parking brake, depress forward portion of pedal to engage ratchet.

## HAND THROTTLE AND CHOKE

The hand throttle is a push type located below the center of the handle bars. The choke is a pull type located at left of ignition switch. This is a holding control rather than an operating throttle. To obtain more than a minimum throttle opening it is necessary to depress the foot throttle and then hold the hand throttle.



PHOTOGRAPH NO. 6



#### INSTRUMENTS

#### IGNITION SWITCH

Located at upper right of front panel.

#### LIGHT SWITCH

Light switch with "high" and "low" beam control is located on top center of the handle bars.

#### SPEEDOMETER

This is not standard equipment. Can be purchased from your local dealer, and installed in pedestal head of handle bar.

## PARKING STAND

Parking stand is located on left side of motor scooter. To park, swing stand forward and incline scooter so weight is taken by the stand gradually. Always set parking brake. To release, press stand downward and backward about an inch, then lighten pressure and stand will retract automatically.

## TIRE CARE AND MAINTENANCE

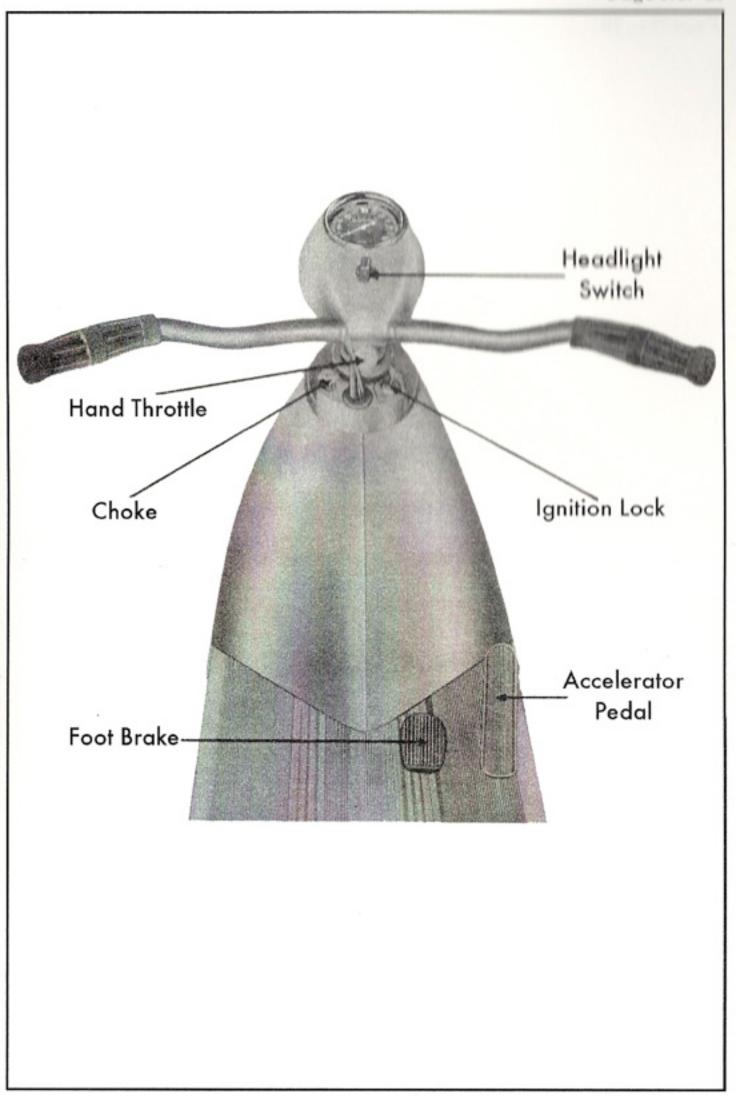
The air pressure of the 4:00" x 8" tire should be checked every week to insure proper inflation. The tubes supplied with these tires may be repaired by the same methods and with the same materials as are used in the repair of automobile tires. Either hot or cold patches may be used.

TIRE INFLATION: FRONT 25 LBS., REAR 30 LBS.

CAUTION: Do not ruin tires by operating after a hole or break of repairable nature is discovered. Do not ride with under-inflated tires. Do not operate with boots in the tire. Always keep a valve cap on the tire valve



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# PHOTOGRAPH NO. 7