

HOW TO ASSEMBLE THE SPEEDOMETER (WITH MILE DIAL)

(See fig. 8)

- Take off the head lamp and disengage the top shell of handlebars from the inside hub, then remove the cover of the speedometer housing from the top shell.
- With the help of a pilot wire slide in into the steering column from the top end the sheath « A » for the flex drive, until it emerges from the bottom end (indicated with an arrow in the figure).
- Assemble packing « C » and then the speedometer head « B » on the upper shell of handlebars; fit the packing « D » and support « E » on speedometer boss, then secure firmly with nut « F ».
- Pull the pilot wire out of the sheath, grease the flex drive generously and slide it in.
- Place the upper end of the flex drive into housing in the speedometer head and secure both flex drive and sheath by means of knurled ring « G ».
- Re-assemble the upper shell and head lamp.
- Unscrew the plug « H » from the swinging hub.
- Fill up with grease the hub in order to lubricate the portion of the wheel spindle meshing with the speedometer drive pinion « I ».
- Mate the pinion « I » to the support bush « L » and screw the latter on the wheel hub, thus allowing an axial play of 0.25-0.8 mm (0.01-0.03"). If the play is not as prescribed, assemble shoulder washer « M » between the bush « L » and the hub.
- Slide the rubber cap « N », the threaded ring « O » and biconical ring « P » over the sheath end; fit the washer « Q » on the cable portion which protrudes from the sheath, pass the latter between the front brake control cable and the wheel, then screw and tighten threaded ring « O » on bush « L » and position rubber cap « N ».

- Make sure that the end of the flex drive enters the square section hole of the speedometer drive pinion.
- Rotate the wheel by hand for several times in order to make sure that it turns freely.

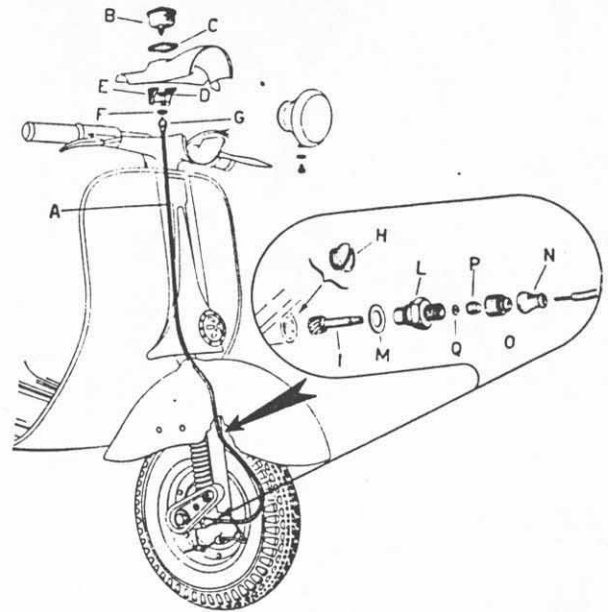


Fig. 8 - How to assemble the speedometer unit

Due to the simple and conventional design of the Allstate scooter, no particular skill is required for its operation, nor skilled personnel for its maintenance.

The tasks can be quite well carried out by any customer, even unexperienced, by carefully following some general rules.

OPERATION

Fuel supply. - Fuel mixture should be composed of regular gasoline and Allstate Outboard Motor Oil, S.A.E. 30, or Allstate Regular Motor Oil S.A.E. 30, in the following proportion :

- 0.5 pint of oil to 1 gallon of gasoline.

Do not use Allstate compounded motor oil or other Premium Heavy Duty Motor Oils with detergents.

Keep the breather of filling cap clean.

Oil level. - Remove the level screw, on crankcase, marked « OLIO » and indicated on pag. 11 Fig. 18, to check oil level in gear box before starting the engine. The scooter standing upright, oil should just be about to flow out; otherwise top up with ALLSTATE REGULAR S.A.E. 30.

Running-in. - Important rules to be followed while running-in (1200 miles) :

- Do not exceed following speeds :

- 1st gear 9.5 mph
- 2nd gear 19 mph
- 3rd gear 31 mph

- Do not hold these max speeds for long periods neither use full throttle opening up-hill.

Warning. - 1/2 pint of oil should be mixed to each gallon of gasoline both during and after running-in.

Starting. - Open the fuel valve, put the gear box in neutral and slightly open the throttle in slow running position, kick the starting lever.

See Fig. 9; note the three positions of the fuel valve: open, closed, reserve.

Caution. - Do not open throttle wide when releasing clutch.

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