

SERVICE

SHOP DOPE

Reprinted by The Harley Hummer Club, Inc. - with permission from Harley-Davidson, Inc.

No. 296

December 15, 1949

MODEL 125 GENERATOR SERVICE EXCHANGE

Now that it has been proven in actual service under all sorts of conditions that the 1950 4-brush generator is doing a very satisfactory job of taking care of all 125 model electrical requirements, and keeping batteries charged, it has been decided to offer an exchange plan under which earlier 1948 and 1949 2-brush generators can be exchanged for current model 4-brush generators.

You have already been furnished with 4-brush generators, on no charge basis, for all new earlier than 1950 125 models on hand unsold and unused. This bulletin, therefore, concerns only an exchange plan applying to 1948 and 1949 models in service. For these 125 models we will furnish new 4-brush generator complete with armature and all fittings and wiring for \$10.00 net and your old generator, which must be complete with armature and all fittings, including condenser and breaker points.

Order in the regular way, as many new generators (Part No. 30000-50) as you need; and we will ship them to you as promptly as we can. If you have a large number of generators you want to change over, please do not order them all at once, however, because the supply of new 4-brush generators will be limited for some time. For the present, suggest that you order no more than six at one time.

These new generators will be charged to you temporarily at the regular price. Old generators can be returned for credit consideration later. On instruction sheet covering return shipment be sure to show name and address of owner, engine number and invoice number on which new generator was shipped. A correctly filled-in instruction sheet is attached for your guidance. Credit will not be issued unless information is complete as outlined.

We must have this information so that in the event of an owner inquiry in the future, our records will show whether motorcycle is equipped with original or 1950 generator, and because issuing a credit at this end requires number of invoice on which a charge was made.

(Over)

If you have in your parts stock any new complete 2-brush generators, armatures or generator bodies only, you can return these for no charge exchange for corresponding later type 4-brush generators or parts. This does not include anything except strictly brand new, unused stock.

Used generators and generator parts, bodies, armatures, etc., which may have accumulated around the shop as a result of earlier generator servicing, will not be accepted for credit or exchange.

Before installing a new generator make sure engine is in condition to operate a new generator without interference between armature and body pole shoes, or excessive run-out of commutator and resulting excessive "brush-hop" and arcing. Right side mainshaft(generator shaft)bearing must be in good condition so there is no appreciable shake, and shaft must run true enough so armature will run true within .002" total run-out, at the commutator. With bearing in bad order or shaft out of alignment, armature is likely to be damaged by striking pole shoes, or generator will not function satisfactorily due to excessive "brush-hop" and arcing.

It is essential, too, that when new generator is installed, voltage regulator be checked to be sure it is in good condition and operating normally, and that battery condition and state of charge be checked also.

We strongly urge all dealers to put forth their best efforts to install the new generator on earlier 125 motorcycles, at least those motorcycles with which repeat electrical difficulty of one kind or another has been experienced. Doing so will gain a greater number of satisfied owners and there will be lots more favorable word of mouth advertising to help boost your 125 model sales.

As mentioned, net price is \$10.00, and on that basis list price should not exceed \$14.00 including transportation and labor. The factory charge of \$10.00 net is set well below production cost with the expectation that the new generator will be installed on the customer's motorcycle at no profit, other than the good will gained.

Try to get exchanges you wish to make taken care of promptly, because this offer is subject to cancellation after it has been in effect for a reasonable length of time.

HARLEY-DAVIDSON MOTOR CO.
Milwaukee 1, Wis., U.S.A.