

Service Diagnosis

The red generator indicator lamp lights when the ignition is switched on and should go out when the engine has been started and the speed increases.

Trouble	Cause	Repair
Generator indicator lamp does not light with ignition switched on	<ul style="list-style-type: none"> a. Battery discharged b. Battery defective c. Bulb burned out d. Corroded or loose battery terminals e. Loose connections or broken cables f. Ignition switch defective g. Generator brushes do not make contact with commutator 	<ul style="list-style-type: none"> a. Charge battery b. Replace battery c. Replace bulb d. Clean or tighten terminals e. Tighten or replace cables f. Replace ignition switch g. Reseat brushes, or replace, or replace tension springs Do not oil brushes!
Generator lamp does not go out with increased engine speed or flashes intermittently	<ul style="list-style-type: none"> a. V-belt loose or faulty b. Regulator defective c. Charging cables loose or broken (open circuit) d. Generator defective 	<ul style="list-style-type: none"> a. Adjust belt tension or replace belt b. Replace regulator c. Check cables and connections d. Check generator
Generator lamp goes out only at high r.p.m.	<ul style="list-style-type: none"> a. Generator defective b. Regulator defective (improperly set) 	<ul style="list-style-type: none"> a. Check generator b. Reset or replace regulator
Generator lamp continues to light with the ignition switched off	<ul style="list-style-type: none"> a. Regulator contact points sticking (burned) 	<ul style="list-style-type: none"> a. Replace regulator