

CHARGING SYSTEMS TROUBLE SHOOTING

CONDITION & POSSIBLE CAUSE	CONDITION & POSSIBLE CAUSE
<p>Car Will Not Start</p> <ul style="list-style-type: none"> • Dead battery. • Loose or corroded battery connections. • Ignition switch malfunction. <p>Generator Light Stays ON With Engine Running</p> <ul style="list-style-type: none"> • Loose or worn drive belt. • Loose generator wiring connections. • Short in generator light wiring. • Defective generator stator or diodes. • Defective regulator. <p>Generator Light Stays OFF With Ignition ON</p> <ul style="list-style-type: none"> • Blown fuse. • Defective generator. • Defective indicator light bulb. • Defective indicator light bulb socket. <p>Generator Light Stays ON With Ignition OFF</p> <ul style="list-style-type: none"> • Short in generator wiring. • Defective rectifier bridge. <p>Lights or Fuses Burn Out Frequently</p> <ul style="list-style-type: none"> • Defective generator wiring. • Defective regulator. • Defective battery. 	<p>Ammeter Gauge Shows Discharge</p> <ul style="list-style-type: none"> • Loose or worn drive belt. • Defective wiring. • Defective generator or regulator. • Defective ammeter, or improper ammeter wiring connections. <p>Noisy Generator</p> <ul style="list-style-type: none"> • Loose drive pulley. • Loose mounting bolts. • Worn or dirty bearings. • Defective diodes or stator. <p>Battery Does Not Stay Charged</p> <ul style="list-style-type: none"> • Loose or worn drive belt. • Loose or corroded battery connections. • Loose generator connections. • Defective generator or battery. • Electrical accessories left ON. • Defective generator stator or diodes. • Add-on electrical accessories exceeding generator capacity. • Low speed driving of short duration, insufficient to charge battery. <p>Battery Overcharged - Uses Too Much Water</p> <ul style="list-style-type: none"> • Defective battery. • Defective generator. • Battery overheated. • Excessive generator voltage. • Low speed driving of short duration.