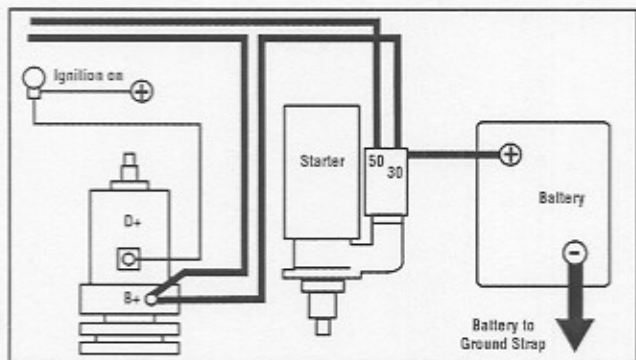


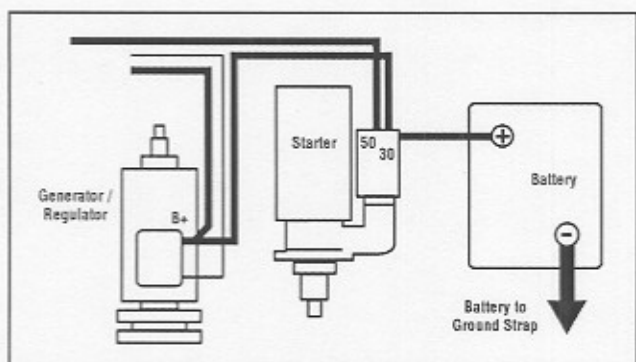


INSTRUCTIONS FOR EMPI 75 AMP ALTERNATOR

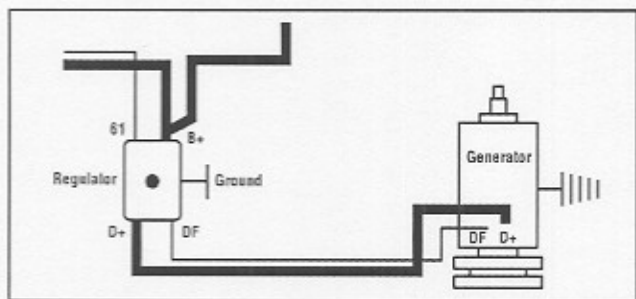
Generator to Alternator Wiring Instructions



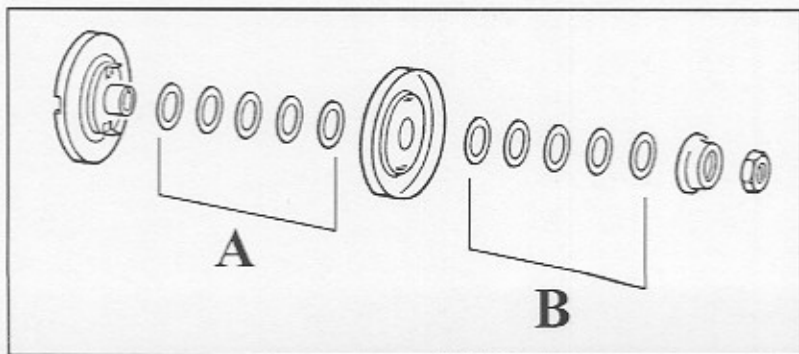
When replacing a generator with an alternator the generator voltage regulator must be eliminated and the wiring modified to work with the internally regulated alternator. It is very important to carefully inspect the condition of the 10 gauge red wires that connect to the alternator. These wires must be in good condition with clean, tight connectors on both ends. Failure to insure good connections could result in undercharging and damage to the alternator and wiring. All installations require the use of a warning light. Connect one pole of the light to the "D+" terminal on the alternator and the other pole to an "ignition on" positive source. The alternator will not charge without a working warning light. Disconnect the battery before attempting any work on the electrical system.



If voltage regulator is mounted on the generator: connect the small blue wire to the "D+" terminal on the alternator. Attach loop connectors to the two large red wires and connect to the "B+" post on the alternator.



If voltage regulator is mounted under rear seat: Remove the small blue wire and the small green wire from the regulator (terminals DF & 61), connect together. Remove the three large red wires from the "B+" and "D+" terminals of the regulator and connect together. The large red wire from the "D+" terminal of the generator connects to the "B+" terminal on the alternator. Small green wire from the "DF" terminal of the generator connects to the "D+" terminal on the alternator.



Generator / alternator pulleys require a minimum of 10 shims to be used. These shims are used to adjust the belt tension. To tighten the belt, move shims from location A to location B. To loosen the belt move shims from location B to location A. At all times the total number of shims (A+B) should never be less than 10 because they are only moved between the two locations never removed. After proper belt tension has been achieved torque the nut to 43 ft. lbs. Failure to properly shim and torque the pulley halves will result in rapid pulley failure and damage to the generator / alternator which will not be covered under warranty.