



FITTING INSTRUCTIONS FOR ALTERNATOR KIT - COM180 -

- » Disconnect the battery then remove the dynamo, fan belt and dynamo mounting bracket from the engine.
- » Replace the existing dynamo mounting bracket on the engine with the new aluminium alternator bracket and gasket. Fix it to the engine block with the 5x 5/16" UNF x 1 1/4" screws and 5/16" copper washers.
- » Now mount the new alternator to the aluminium bracket using a 5/16" UNF x 1 1/2" bolt washer and nyloc nut at the front end and a 5/16" UNF x 2 1/2" bolt, washer and nyloc nut at the rear end of the bracket.
- » At the rear mounting lug on the alternator there is a steel spacer pressed into the hole. This is to take up the space between the alternator and the aluminium bracket. Place a plain washer either side of this bush. First tighten the front mounting screw fully. Then tighten the rear bolt which should press the bush into position as you do so.
- » Next attach the adjusting strap to the alternator using the bolts supplied.
- » Now fit the fan belt supplied over the 3 pulleys and tighten using the adjusting strap. When the correct tightness is achieved, tighten the adjusting strap bolts. (Note: 3/8 fan belt is supplied and can also be used on later BJ8's with 1/2" pulleys)
- » For wiring the alternator it is necessary to convert the car to a negative earth system. It maybe necessary to change or convert such items as the battery connections, fuel pump, revcounter and electronic ignition systems (if fitted) prior to installation. Once these have been done then proceed with the wiring.

N.B. We also offer a dummy control box with all of this done for you plus a built in fuse. Please ask one of our sales team for more details or go to our website.

ELG267: BN1 - BJ7

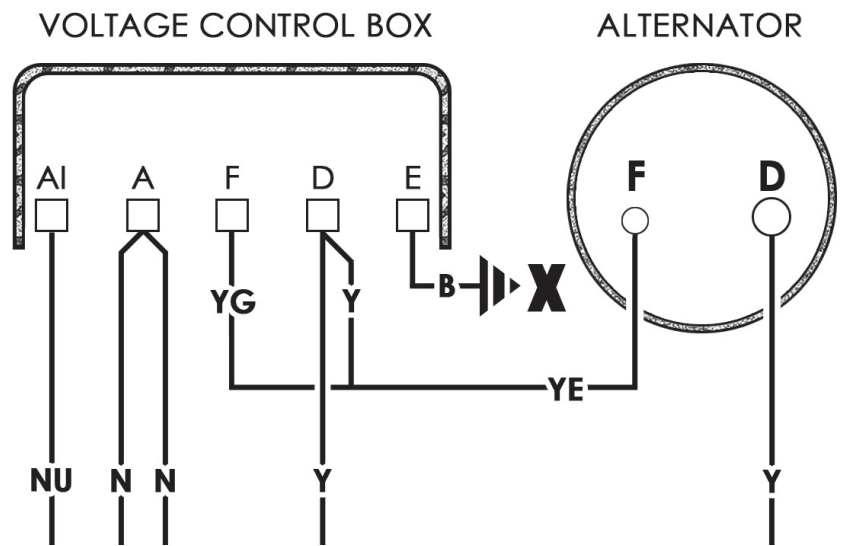
ELG268: BJ8



BN4 - BJ7 TYPE

Step

1. Disconnect battery
2. Remove voltage control box
3. Remove earth wire (B) - No longer required.
4. On voltage control box wiring, connect small (Y) wire to (YG) wire. Then connect (NU) wire to the two (N) wires and the second (Y) wire.
5. Using the lucar connectors supplied, change the ends on (y) wire and (YG) wire previously connected to the dynamo. Now connecting (y) wire to 'D' terminal on alternator (large spade) and then (YG) to 'F' terminal (small spade).
6. Reconnect battery, remembering the battery is now connected negative earth.



BJ8 TYPE

Step

1. Disconnect battery
2. Remove voltage control box
3. Remove earth wire (B) - No longer required.
4. On voltage control box wiring, connect (NY) small wire to (NG) wire. Then connect remaining small (NY) wire from warning lamp to the four (N) wires.
5. Using the lucar connectors supplied, change the ends on (NY) wire and (NG) wire previously connected to the dynamo. Now connecting (NG) wire to 'D' terminal on alternator (large spade) and then (NY) to 'F' terminal (small spade).
6. Reconnect battery, remembering the battery is now connected negative earth.

