

Electric G Kit Assembly suggestions



Step 1- Using the Bolts pictured above from the Fastener Bag, attach the motor to the Motor Plate. Attempt to align the terminals on the motor so that they will be positioned at 10 and 2 O'clock with the plate's longest edge horizontal. This will make wiring easier and shorten the path making it slightly more direct.

Step 2- Attach the Stub Shaft and Larger Pulley Assembly to the Bell Housing Plate on the same side as the four welded on nuts using 4 of the 1/4-20 x 7/8" Allen Screws (no washers). Tighten well.

Step 3- Remove the paper cover and Clamp Ring from the face of the Large Pulley Assembly and attach the OEM Clutch disk that previously was driven by the Gas engine. Again tighten well. You can use a bar between two bolts to give you extra leverage.

Step 4- Pre-grease the pilot bearing through the fitting to verify that grease has filled the passage up to the bearing hole. You will add two to three pumps more after mounting the plate to the bell housing so there is no need to over-do-it now but be sure to keep it clean in there.

Step 5- Loosely attach the Motor Plate to the Bell Housing Plate using the (4) 3/8-16 x 1 1/4" Allen Bolts with Flat Washers from the Fastener Bag.

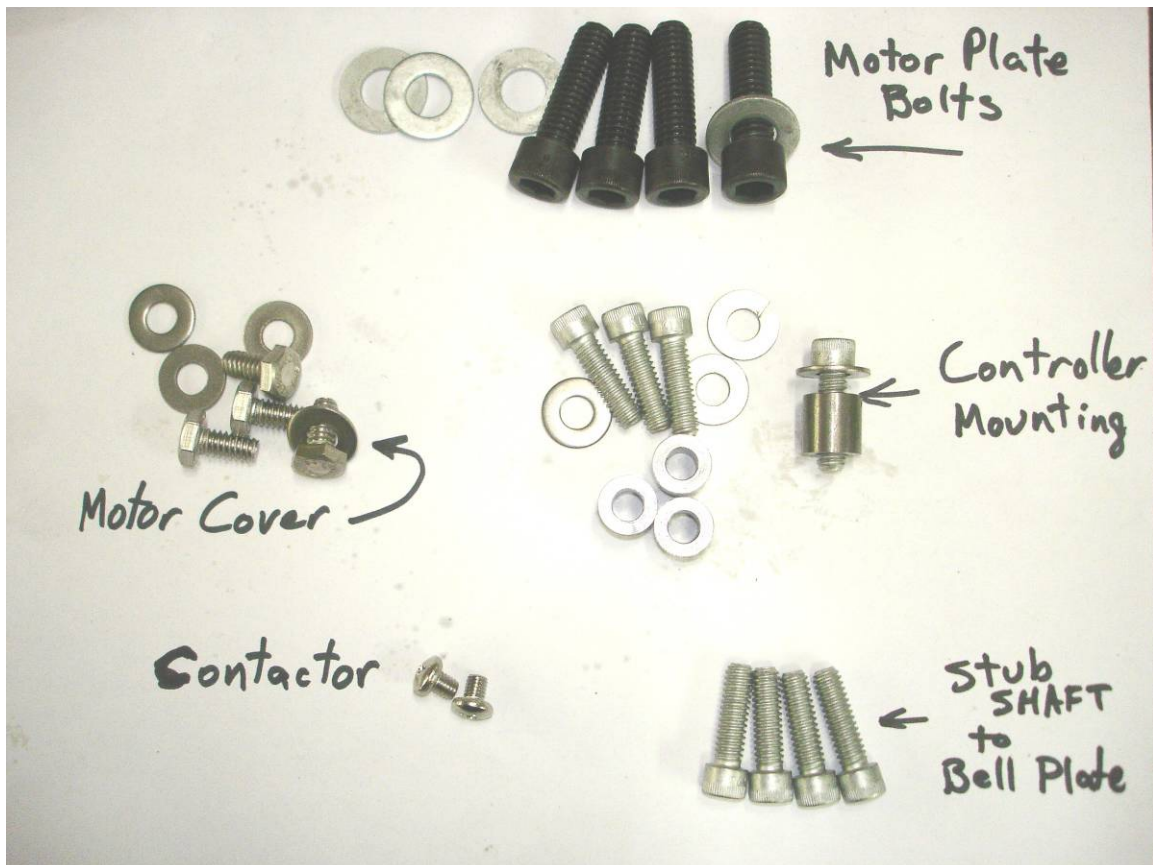
Step 6- Fit the key and Small Pulley with its Bushing onto the motor shaft and position the pulley so that the belt will clear the plate surface when tightened. Tighten the set screws together so the pulley stays straight and runs true.

Step 7- Put belt over pulleys and slide Motor Plate back to tension belt, then tighten one of the bolts. The belt should not deflect more than 1/8" with finger pressure applied at middle of span. If tension looks right tighten remaining bolts.

Step 8- Mount the Bell Housing Plate to the tractor. Sometimes it is helpful to put the gearbox in high gear and move the tractor back and forth to help align the splines.

Step 9- Grease two or three pumps into the pilot bearing.

Step 10- Mount the Contactor and Controller using the provided hardware and fasteners from the Fastener Bag.



**The Motor Cover only allows the wires to escape over the Bell Housing plate so allow length enough to go that direction. The reason for this is to keep water and battery gunk off the motor and from running down the wires onto the motor also.

*** It is a good idea to wrap the motor terminals with tape a few layers thick to keep them from ever shorting against the Motor Cover (In case it gets backed into badly).