

CYCLE ELECTRIC INC

Installation Instructions

CE-9902

The CE-9902 will fit as stock replacement on Twin Cam 1999-2003 Dyna and 2000 Softail models. When replacing stator you will need to reuse the stock stator plug housing. If installing this stator on motors without stock 32-amp stator you will need a plug housing.

These are generalized instructions and are not intended to be all-inclusive. For more detail on your model see service manual.

Stator Removal

- 1) Disconnect negative battery terminal.
- 2) Drain primary case oil.
- 3) Remove outer primary cover.
- 4) Consult appropriate service manual and remove compensator sprocket.
Note: After several thousand miles it may be possible to remove the compensator sprocket and chain adjuster shoe without removing the clutch. Caution: Do not put excessive side force on chain.
- 5) Remove output shaft extension. Take note of all shims and spaces between output shaft extension and rotor.
- 6) Remove rotor.
- 7) Unplug regulator from stator. Remove the stator plug housing. Remove the blue secondary lock Use a small hook or long #6 wood screw in the small hole in the middle. The secondary lock tab will pull out. Using a small screwdriver release the terminal locking tab and remove each wire one at a time. Save the plug housing for reassembly
- 8) Remove 4 stator-mounting screws. Remove 2 stator plug clamp screws. Remove stators.

Alternator Installation

- 1) Install stator plug and plug clamp in case. Use lock-tight 222 purple on clamp screws.
- 2) Mount stator to engine case with the new mounting screws supplied. Screws have thread-locking compound already applied. Torque screws to 30-40 in-lbs.
- 3) Insert stator plug terminals in to the stator plug housing removed in step 8. Push in until they click into place. Reinstall blue secondary lock.
- 4) Connect the stator/regulator plug.
- 5) Install rotor.

Note: Twin Cam models do not use shims under the rotor.

- 6) Add stock shims removed in step 6.
- 7) Install output shaft extension.
- 8) Install compensator sprocket with chain adjuster shoe, and clutch if removed.
- 9) Adjust primary chain.
- 10) Check primary chain alignment.
- 11) Install outer primary and other parts removed.
Note: Don't forget to add oil on wet clutch models.

Have A Good Ride!!