

REPLACING RECTIFIER END HOUSING ON 30SI ALTERNATORS

WARNING!!! ALWAYS USE PROPER EYE PROTECTION WHEN PERFORMING ANY MECHANICAL REPAIRS TO A VEHICLE – INCLUDING, BUT NOT LIMITED TO, ANY INSTALLATION AND OR REPAIRS TO THE DELCO REMY ALTERNATORS. FAILURE TO USE PROPER EYE PROTECTION CAN LEAD TO SERIOUS AND PERMANENT EYE DAMAGE.

Only perform the mechanical functions that you are properly qualified to perform. Mechanical repairs that are beyond your technical capabilities should be handled by a professional installation specialist.

Identify the following screws contained in this package.

1. Three self-tapping 8-32 screws with molded-on insulator above threads.
2. Three self-tapping 8-32 screws, not insulated.
3. Four self-tapping 10-32 screws.

Some of these screws may fit tightly. If needed, drill holes slightly larger in end cover and in lead clips that attach to regulator. Use these screws as follows:

1. Two 8-32 **non-insulated** screws to attach rectifier bridge to housing.
2. Two 8-32 **insulated** screws to attach two field leads and diode trio connector through the regulator to housing.
3. NEGATIVE GROUND alternator only: one 8-32 **non-insulated** screw to finish attaching regulator to housing.
4. POSITIVE GROUND or INSULATED ALTERNATOR: one 8-32 **insulated** screw to finish attaching regulator to housing.
5. Four self-tapping 10-32 screws to attach end cover to housing.

Use the rivets in the package to attach **old name plate** onto **new housing**.