



7501 Straw Plains Pike, Knoxville, TN 37924

Tech Support: (760) 244-2049

## Scion 2005-2006 TC 2.4L Scion 2008 XB 2.4L

### Supplied Items:

250 Amp Alternator with attached Bracket.  
Adapter Harness  
Washers

### Installation Instructions:

- 1 Disconnect the negative battery cable and then disconnect the positive battery cable. Disconnect the wiring, remove the belt, and then remove the stock alternator from it's mounting brackets.
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- 3 Mount the new alternator to the existing mounting bracket on the engine with the double feet from the alternator on either side of the mounting bracket. Use the supplied spacers if necessary to reduce extra space between the mounting bracket and the alternator bracket. Install the original long bolt and hand tighten. **See the diagram below.**
- 4 Mount the single ear to the belt tensioner by installing the shorter bolt. Tighten all the bolts sufficiently enough to ensure that the belt has the correct tension.
- 5 Connect the stock alternator plug to the supplied adapter harness and then connect the adapter harness to the newly installed alternator.
- 6 Connect two new cables(1/0 awg.)**(not supplied)** between the alternator Post and the battery post, connecting the positive cable first and the negative post last. The original cables will not be used and therefore be individually covered with electrical tape and/or heat shrink tubing to prevent the cables from shorting against each other.

### Adapter Harness Wire Color Usage:

White with Black Stripe wire to Red Wire is for the Light Signal.

Green with Red Stripe wire to the Green wire is to turn on for the regulator (ignition signal).

Yellow with White Stripe wire to Blue Wire is for the Power/voltage sense for the regulator.