



7501 Straw Plains Pike, Knoxville, TN 37924

Tech Support: (760) 244-2049

Toyota Supra 1994-1998 3L

Supplied Items:

Large Case Conversion Alternator with attached Bracket
Adapter Harness
Washers

Installation Instructions:

- 1 Disconnect the negative battery cable and then disconnect the positive battery cable.
- 2 Disconnect the wiring, remove the belt, and then remove the stock alternator from its mounting brackets.
- 3 Mount the new MechMan alternator to the existing mounting block on the engine with the bracket assembly, that is attached to the alternator, to the bottom location on the engine block. If there is additional space between the Bracket assembly of the alternator and the mounting block bracket to the engine, use the supplied spacers to maintain the original stock alternator alignment. Install the original long bolt, for some applications a longer bolt may be required, and hand tighten. **See the diagram below.**
- 4 Mount the single ear to the belt tensioner or adjustment arm using 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.