



7501 Straw Plains Pike, Knoxville, TN 37924

Tech Support: (760) 244-2049

Mitsubishi Eclipse 2000-2005 2.4L Mitsubishi Mirage 2000-2002 1.5L

Supplied Items:

Large Case Conversion Alternator with attached Bracket

Adapter Harness

Washers

Installation Instructions:

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 its mounting brackets.

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, maintaining the original alternator alignment. Install the original long bolt, the bolt may not be long enough and you may have to replace it with a longer one, and hand tighten.

See the diagram for the Alternator Bracket View.

Mount the adjustment or single ear end. Your vehicle may have a screw type belt tensioner at this adjustment point, which you may or may not be able to use. If the tensioner can not be used you will have to tension the belt by prying on the alternator. Install the shorter bolt. With the correct belt alignment, install the original belt or a new one if too long, short or excessively worn. Tighten all the bolts sufficiently enough to ensure that the belt has the correct tension. Connect the stock alternator plug to the supplied adapter harness and then connect the adapter harness to the newly installed alternator. Use a cable tie to hold the two harnesses together if necessary.

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 cable 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. **See the diagram for the Battery Connections.**

Adapter Harness Wire Color Usage:

White with Black Stripe wire is not used.

Green with Red Stripe wire is connected to "L".

Yellow with White Stripe wire is connected to "S".