

INSTALLATION INSTRUCTIONS

108150 F.A.S.T XIM™ to GN Conversion Harness

This kit is designed to couple the XIM Ignition Controller to the 86-89 turbo Buick 3.8 engine used on the Grand National, turbo Trans-Am (1989), and turbo T-Type vehicles. Using the XIM controller allows the use of LS1-style ignition coils to function on the turbo engine. This "Plug-And-Play" harness provides all necessary connections to adapt the system to the vehicle.

The XIM can be placed in the passenger compartment as the adapter harness is 6 ft. long. You must, however, be able to feed the XIM connectors through the firewall to facilitate the installation.

This harness is supplied with a battery feeder sub-harness and it is assumed the battery in the vehicle is mounted in the engine compartment in the stock location. **If your vehicle has a trunk-mounted battery, you will need an optional trunk-mount power harness, Caspers part number 108154 for proper installation of the system.**

The system uses two fuses; one 30 amp and one 3 amp, installed into individual sealed fuse holders. These fuse holders, along with the power relay and **Block Ground** terminal can be mounted onto the original plate that supports the CCCI coil module (removed for this installation) which places the items in a convenient location. The bulkhead connector on this harness then plugs into the CCCI engine harness connector. There are also two coil harnesses included in this kit; one for each side of the engine. These harnesses plug into the LS1 coils and plug into a mating connector on the main conversion harness. **It is assumed that you have fabricated and mounted LS1 coils to your turbo engine in preparation of this conversion harness.**

Review the images below to understand how this conversion harness works. Its function is simple and straight-forward and will simplify the conversion process.

