

## **X-Link 2.1**

Throttle Swap Interface Module for:  
GM 78mm to 90mm LS2/LS7/LS3 Car style **or** 87mm Truck Style

### **Terms of Use and Sale**

Our products are intended for off road use only. Torque Rush Performance Inc. assumes no responsibility for vehicle damage, personal injury, breach of law or any expenses resultant from vehicle modification or use of these products. Any modifications from the original design of a vehicle are done at the user's own risk. Purchase or installation of any of these products constitutes acceptance of these terms by the purchaser or user.

### **Installation**

Connect the module to the 8-way throttle body connector of the engine wiring harness and to the throttle body. There will be a "click" when the connection is secure. If you don't hear/feel the click, check that the center portion (purple or grey) that covers the pins is fully seated.

Be sure to route all wires away from contact with high heat parts such as exhaust manifolds/headers and turbochargers. Utilize the mounting stud to support the unit in order to avoid stressing the connectors and wiring. Mount the unit such that it will not be in direct contact with hot engine components.

You are now ready to go and should see full throttle range.

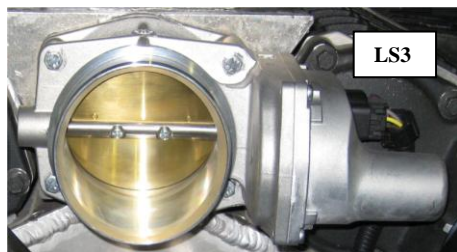
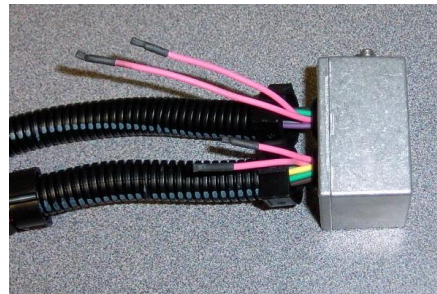
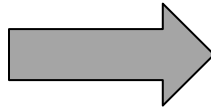
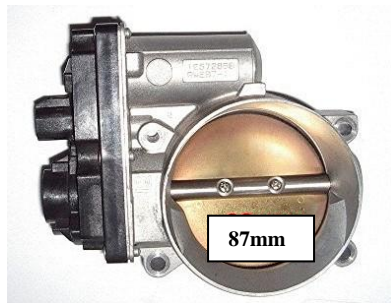
Adjustments to the vehicle calibration (ETC Throttle Area Conversion Factor/Throttle Area Scaler) can be made to correct for the size difference between the stock 78mm throttle body and the larger throttle body. This will hasten "idle learning" and reduce the amount of relearn necessary whenever battery power to the PCM is interrupted. You can also accelerate the learning process by performing the GM "Idle Learn Procedure."

The module should be configured as described below for each stated application. Inside the wire loom, on either side of the module you will find a looped pink wire:

LS3 90mm or Truck style (e.g. TBSS) 87mm throttle body- Each pair of pink wires should be soldered together or left in the original looped(uncut) configuration.

Car style LS2/LS7 (e.g. Corvette) 90mm throttle body- The loops should be cut and the ends insulated to prevent contact.

**\*\*\* Note that although the LS3 throttle body(gold colored blade) appears very similar to the LS2/LS7 throttle body(aluminum colored blade), the module setup is different for each.**



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