



RRostra
Accessories

250-1456
Power Lumbar Kit
Installation Guide

VOXXElectronics
Corporation

A VOXX INTERNATIONAL COMPANY

Overview

Product Description

The 250-1456 Power Lumbar Kit is designed to be a rear mounted system. The dual airbag platform should be installed behind the foam seat pads. This will prevent any compatibility issues with heated seat pads and airbag sensors.

Warning:

This system should be installed by a professional. Always disconnect vehicle battery before installation. Check the vehicle seat for SRS Airbag sensors. If the seat is equipped with SRS sensors, make sure the battery is disconnected for the entire installation process. Make sure any SRS sensors are reconnected to the vehicle before reconnecting the battery.

Cover any critical vehicle components with a drop cloth to prevent any scratches or other damage.

System Specifications

Kit Contents	QTY
Airbag Kit	1
Control Switch	1
Switch Trim	1
Motor with Harness	1

Installation

It is recommended to remove the seat from the vehicle. This will allow for easier installation.

1. Remove the seat from the vehicle.
2. Remove the cloth or leather seat cover from the seat back. This will expose the foam support.



3. Separate the seat foam from the metal support bar.



4. Locate the best position for airbag placement. The airbag kit should be placed lower on the seat back so that when it is inflated it will support the passengers lumbar position.

Installation

Installation Continued

5. Secure the airbag kit to the metal support using nylon tie straps. The airbag should be mounted with the inflatable side against the seat foam and the hard plastic backing against the metal support.



6. Locate a suitable mounting location for the pump motor. The motor should be in a location close to the airbag kit and mounted in a position so that the tubing is not pinched or kinked during normal seat adjustments.

7. Route the tubing and secure the pump motor using nylon tie straps.

8. Locate a suitable location for the control switch. The switch should be mounted on the seat trim within reach of the user. The switch mounting hole is 50mm in diameter. A template is provided in this manual to assist.



Installation Continued

9. Using the provided template or a 50mm drill bit, cut/drill the opening to mount the switch.



10. Insert the chrome switch trim into the front of the switch mounting surface. Align the black switch mounting plate behind the mounting surface so that the chrome pins are inserted into the alignment holes.



11. Using a hot knife or soldering iron, melt the plastic pins down so they secure to the black switch mounting plate. NOTE: Press firmly to ensure proper fitment.



Installation

Installation Continued

12. Route the switch harness from the rear motor position to the mounting location. Secure the switch using (2) 4*8mm screws. (Thread Diameter 4mm ; Length 8mm)



13. Route the Power (Red) and Ground) wires to a proper power source. This kit can draw up to 5amp of current under normal operation. Make sure the power source selected can provide up to 5amp of current at any time.

Connect the Red, 12-volt power wire to a vehicle Accessory circuit. This wire will only provide voltage when the vehicle ignition is On. A 5amp fuse should be used for this installation.

Connect the Black Ground wire to the vehicle chassis. If attached or screwing to painted metal, be sure to scrape away any paint to ensure proper connection.

Testing

Always confirm Power Lumbar operation before reassembling the seat. Be sure to check that both airbags are inflating and deflating properly.

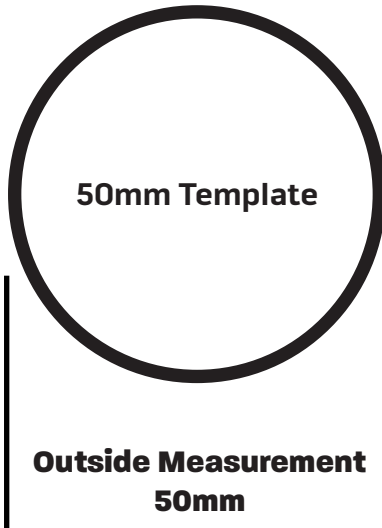
Reassembly

Reassemble the seat in reverse order. Be sure to check all wires and air lines. Make sure there are no pinched wires or air lines. These will affect operation.

Switch Template

It is recommended to use a 50mm drill bit or hole saw to mount the switch. If a drill bit or hole saw is not available, the template below can be used to cut the mounting hole for the control switch.

NOTE: Always measure the temple before cutting.
Inconsistencies in printing can cause the template size to be different from the required measurement.



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