

Thank you for being selective enough to choose a Dinan Exhaust Valve Remote. The Dinan team has spent many hours developing this product to assure that you will receive increased performance, durability and an aesthetic design that you as a customer will be able to enjoy for many years. Ease of installation and maintenance is important to us and has been highly considered throughout the design process.

Prior to performing the installation, familiarize yourself with these instructions as it should help you with the process. If you feel that you do not have the required skills or tools, please arrange for a qualified repair facility to perform the installation.

If you have any difficulties during the installation, or if these instructions are not clear to you, please call Dinan's Technical Support Staff at (800) 341-5480.

Again, thank you for choosing Dinan. Enjoy.

## Installation Instructions

### **R660-0002 DUAL EXHAUST VALVE REMOTE**

**Document Revision:** A  
**Release Date:** 01/08/2021

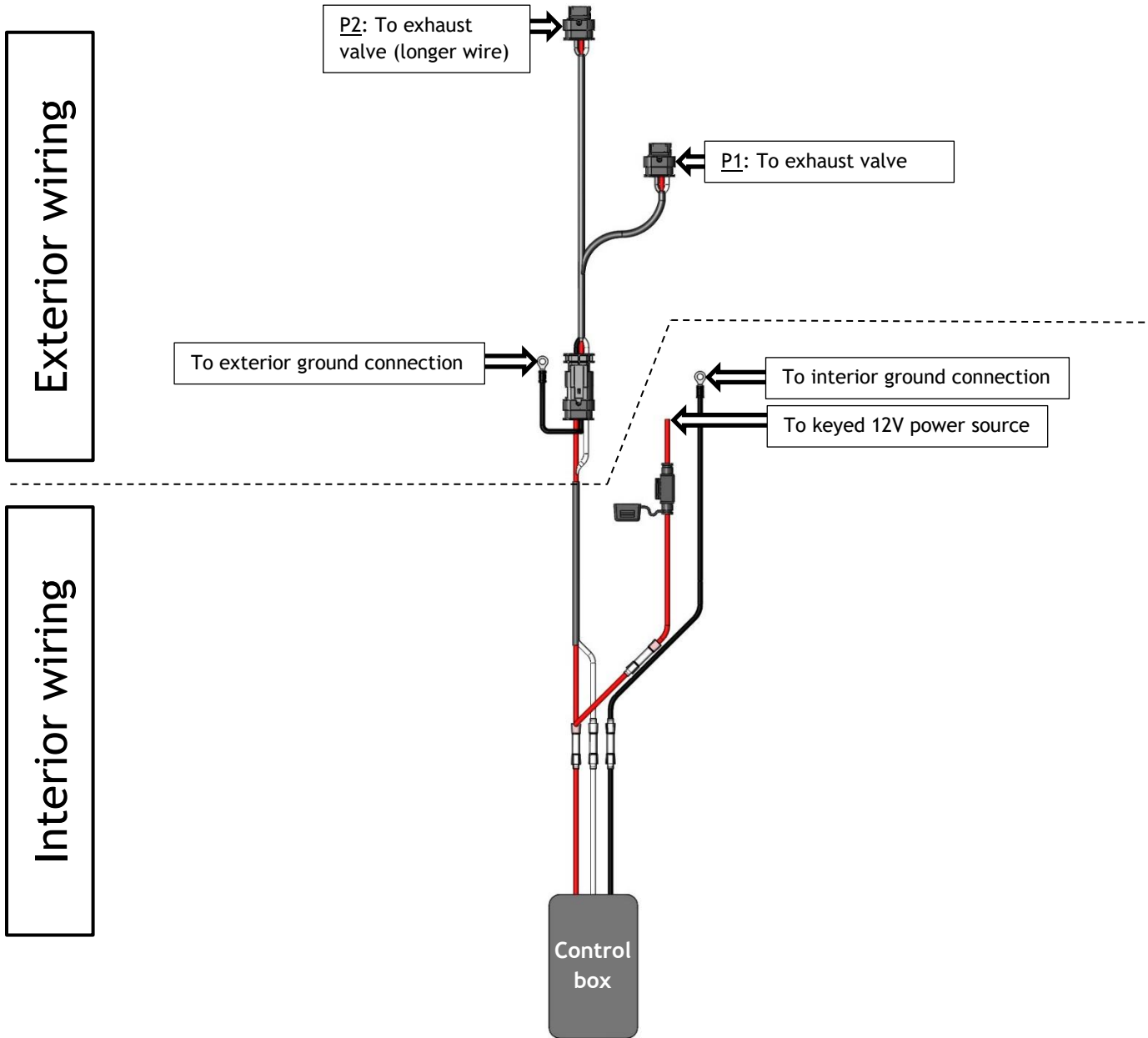
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**Parts List:**

<b>Quantity</b>	<b>Part #</b>	<b>Description</b>
1	D662-0643	EXH VALVE FOB + CONTROLLER
1	D662-0654	EXH VALVE HARNESS; MAIN
1	D662-0655	EXH VALVE HARNESS; POWER
1	D662-0656	EXH VALVE HARNESS; GROUND
1	ELO-501	RED SCOTCHLOK CONNECTOR
4	DT441-0022	VELCRO STRIP
6	D502121	5" TIE STRAP
1	D661-0034	EXTENSION/TEE HARNESS; DUAL VALVE

**Wiring Diagram:**



## Planning:

Note: This kit is for a car with 2 exhaust valves.

- 1) Before proceeding, determine where the wiring harness will be fed into the interior of the car.
  - Find a suitable hole in the body of the car to feed the main harness through to the interior.
  - For ease of installation, this hole should be near one of the exhaust valves.
  - It is also recommended that this hole be near 12V keyed power source and ample space to secure the control box inside the car.

## Installation:

- 1) Disconnect the stock exhaust valve actuator plugs.
  - a. Connect the P1 plug of the Dinan main harness to the exhaust valve nearest the hole in the body.
  - b. A suggested location for the Dinan main harness ground eyelet is a nearby hanger mount.
  - c. Support the exhaust and remove the nut for the hanger mount near the valve.
  - d. Lightly sand and clean the hanger mount and attach the short ground cable to the hanger mount.
  - e. Torque the hanger nut back in place.



- f. If there is no accessible hanger, locate a ground lug or other suitable grounding location under the car to attach the ground eyelet.
- g. Take the P2 plug and route it across the car.
  - The wire should be protected from excessive heat and chafing.
  - It can be routed through the heat shielding, through the back bumper, or another way if possible.
  - The rear muffler may need to be lowered or removed to properly route the wiring harness across the car.



- 6) Check all wiring connections, attach zip ties where needed, and reinstall any interior panels.
- 7) Power the car on and test the key fob remote to ensure both the remote and the valves are functioning correctly.
- 8) Installation is complete.