

Air Lift[™]
PERFORMANCE

AutoPilot™ V2
Kit 27679
Second Compressor
Harness



AIR LIFT
PERFORMANCE[™]

INSTALLATION GUIDE

For maximum effectiveness and safety,
please read these instructions completely
before proceeding with installation.

*Failure to read these instructions can result in an
incorrect installation.*

Install Harness

NOTE

Disconnect the battery ground while installing the second compressor harness.

COMPRESSOR CONNECTIONS

1. Mount the compressor relay in a preferred location using a self-tapping screw.
 2. Cut off the spade and eyelet from the second compressor power and ground wires.
 3. Strip 1/4" of wire casing from the compressor wires.
 4. Strip 1/4" of wire casing from the black and pink harness wires.
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NOTE

Use an appropriate terminal crimp tool to ensure a good connection.

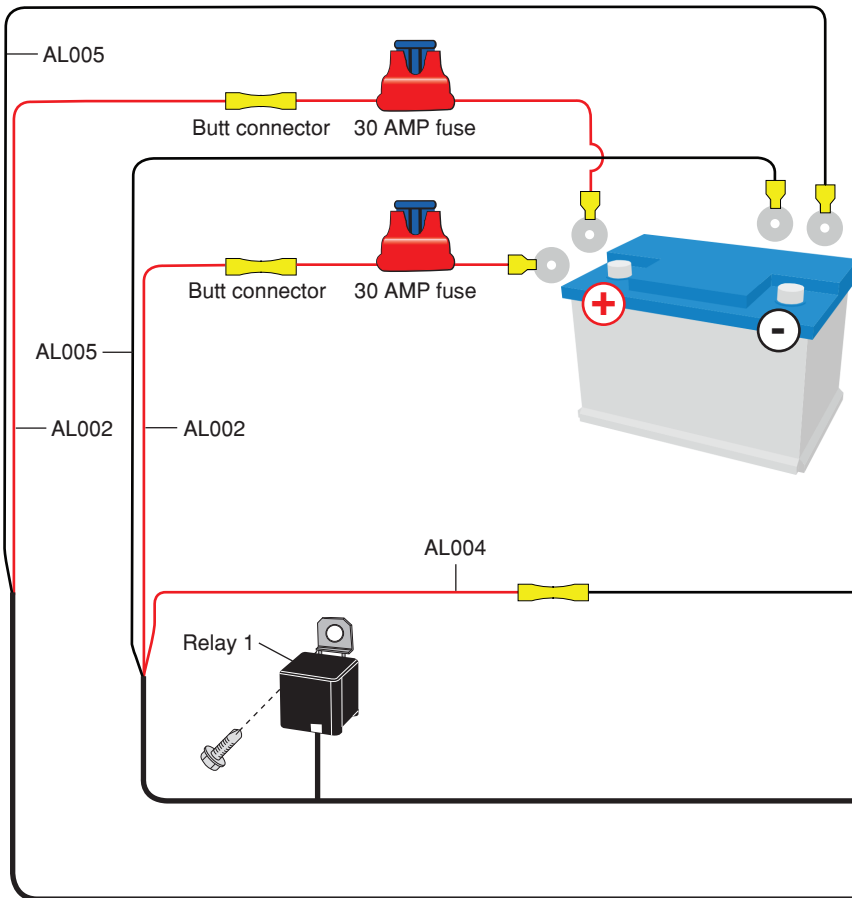
5. Using a supplied butt connector attach the RED 10AWG compressor wire to the PINK 10AWG harness wire.
6. Using a supplied butt connector attach the BLACK 10 AWG compressor wire to the BLACK 10AWG harness wire.
7. Carefully apply heat (preferably with a heat gun) to the ends of the butt connectors to seal these connections.

BATTERY CONNECTIONS

1. Identify the battery power and ground leg of the second compressor harness.
 - *Ground: 10AWG black wire, Power: 10AWG red wire.*
2. Route power and ground leg of the harness (along the same route as main APV2 harness) to the battery.
3. Attach the red wire to the fuse holder using a supplied butt connector.
4. Carefully apply heat (preferably with a heat gun) to the ends of the butt connector to seal this connection.
5. Attach a 3/8" eyelet to the other end of the fuse holder and attach to the positive (+) battery terminal.
6. Attach a 3/8" eyelet to the black wire and attach to the negative (-) battery terminal.
7. Install 30A fuse in fuse holder and close lid.

INTEGRATION INTO EXISTING HARNESS

1. Locate the grey/white wire labeled "compressor signal" on the Second Compressor harness (the main APV2 harness has the mating spade connection on a grey/white wire located near the primary relay connector).
2. Attach the two spade connections to complete integration of the APV2 second compressor harness.



Schematic Circuit Information

AL004 (PK-18GA) Ignition

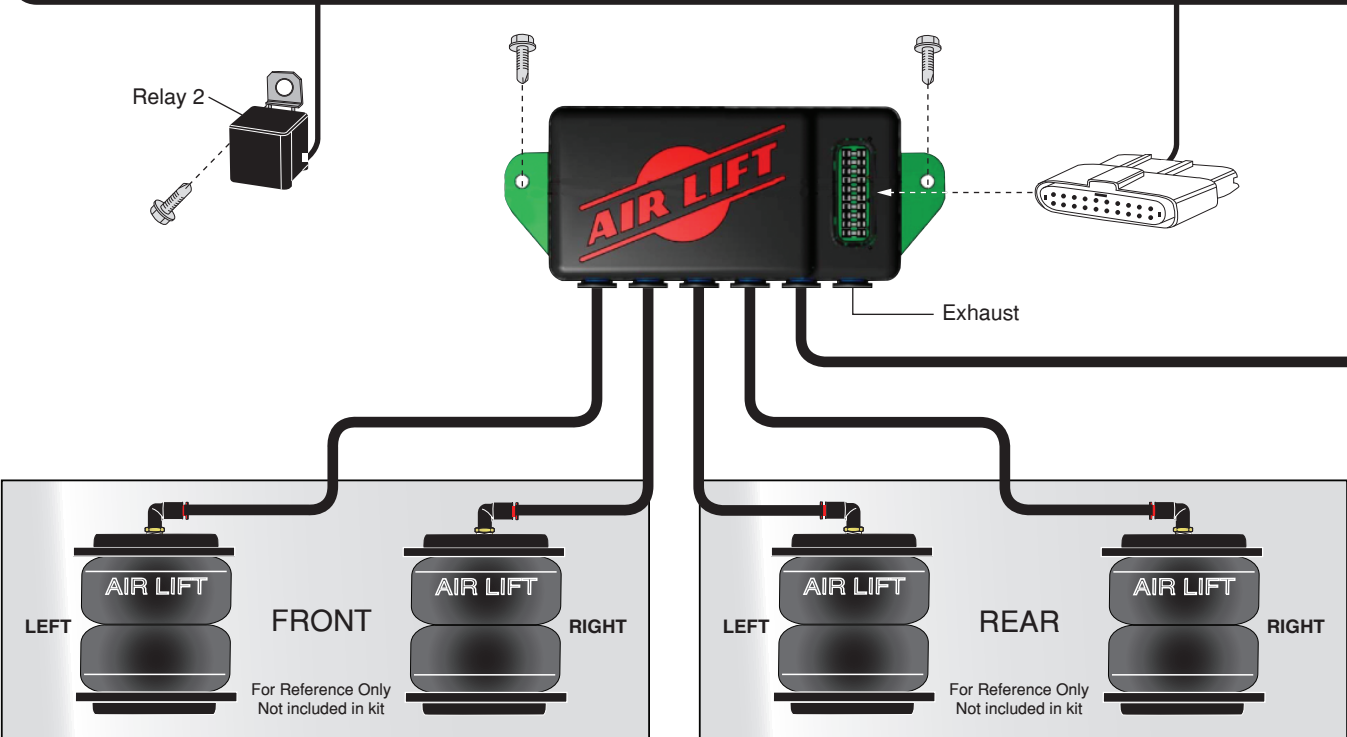
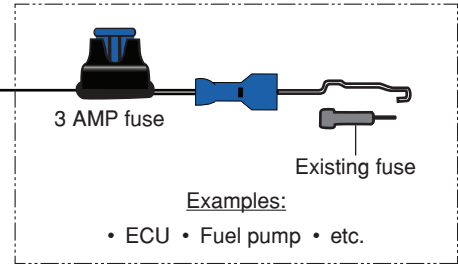
Circuit Number	Wire Color (1st & Last Letter)	Wire Size	Circuit Function
AL004	PK-18GA	Ignition	

Connect direct to battery

Preferred

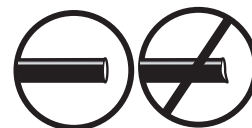
NOTE: If not run to battery, voltage drop may reduce system performance and durability.

Ignition Source (on while cranking)



NOTE: Air Lift recommends using a hose cutting tool to ensure a proper cut.

If a hose connection has been disconnected the hose must be trimmed 1/2" back to provide for a leak free seal.



Relay schematic reference

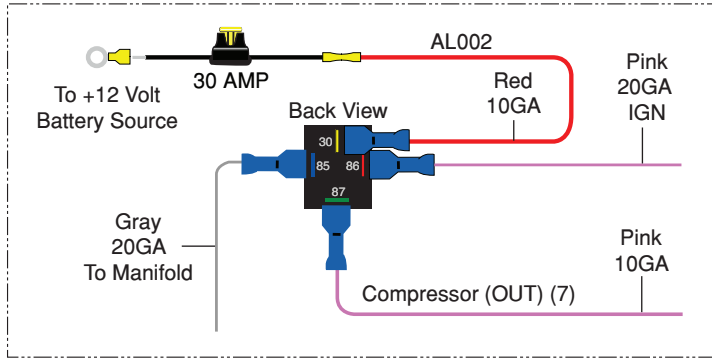
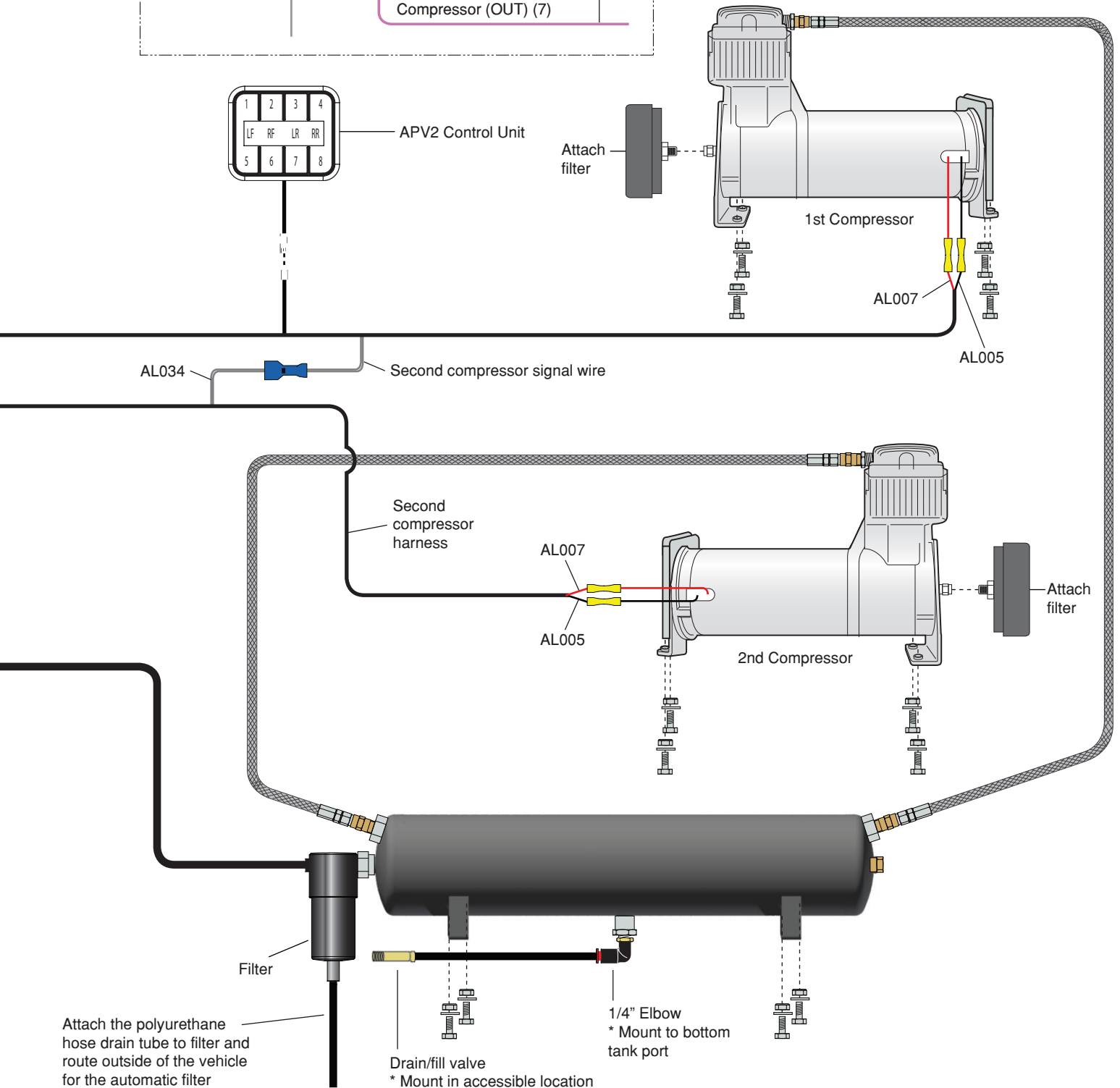


fig. 1



Contact Information

If you have any questions, comments or need technical assistance contact our customer service department by calling (800) 248-0892. For calls from outside the USA or Canada, our local number is (517) 322-2144. You may also contact customer service anytime by e-mail at techsupport@airliftperformance.com.

For inquiries by mail, our address is PO Box 80167, Lansing, MI 48908-0167. Our shipping address for returns is 2727 Snow Road, Lansing, MI 48917.

You may also contact our sales team anytime by e-mail at sales@airliftperformance.com or on the web at www.airliftperformance.com.

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Thank you for purchasing Air Lift Performance products!

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