



Air Lift Performance 3H™/3P™ Kit 27703 Second Compressor Harness



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.

Introduction

The purpose of this publication is to assist with the installation, maintenance and troubleshooting of the Air Lift Performance 3H/3P second compressor kit.

Read and understand the entire installation guide before beginning installation or performing any maintenance, service or repair. The information includes step-by-step installation information, installation templates and a troubleshooting guide.

Air Lift Company reserves the right to make changes and improvements to its products and publications at any time. For the latest version of this manual, contact Air Lift Performance at (800) 248-0892 or visit airliftperformance.com.

NOTATION EXPLANATION

Hazard notations appear in various locations in this publication. Information which is highlighted by one of these notations must be observed to help minimize risk of personal injury or possible improper installation which may render the vehicle unsafe. Notes are used to help emphasize areas of procedural importance and provide helpful suggestions. The following definitions explain the use of these notations as they appear throughout this guide.

 **DANGER**

INDICATES IMMEDIATE HAZARDS WHICH WILL RESULT IN SEVERE PERSONAL INJURY OR DEATH.

 **WARNING**

INDICATES HAZARDS OR UNSAFE PRACTICES WHICH COULD RESULT IN SEVERE PERSONAL INJURY OR DEATH.

 **CAUTION**

INDICATES HAZARDS OR UNSAFE PRACTICES WHICH COULD RESULT IN DAMAGE TO THE MACHINE OR MINOR PERSONAL INJURY.

NOTE

Indicates a procedure, practice or hint which is important to highlight.

HARDWARE LIST

Item	Part#	Description	Qty
A	26498-016	ALP3 2nd compressor harness	1
B	24500	ATC fuse holder	1
C	24547	30A ATC fuse	1
D	24752	Butt connector, 12-10GA shrink tube	3
E	17263	Self-tapping screw, 1/4"-14 X 1"	1
F	24748	3/8" Ring terminal 12GA	2
G	10466	Zip tie	20

Install Harness



DISCONNECT THE BATTERY GROUND WHILE INSTALLING THE SECOND COMPRESSOR HARNESS.

COMPRESSOR CONNECTIONS

1. Mount the compressor relay using supplied self-tapping screw.
2. Cut off the spade and eyelet from the second compressor power (red) and ground (black) wires.
3. Attach the compressor (red) wire to the harness compressor power (red/white) wire using the supplied heat-shrinkable butt splice (D).
4. Attach the compressor (black) wire to the harness compressor ground (black) wire using the supplied heat-shrinkable butt splice (D).

NOTE

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

5. Carefully apply heat (preferably with a heat gun) to the ends of the butt connector to seal these connections.

BATTERY CONNECTIONS

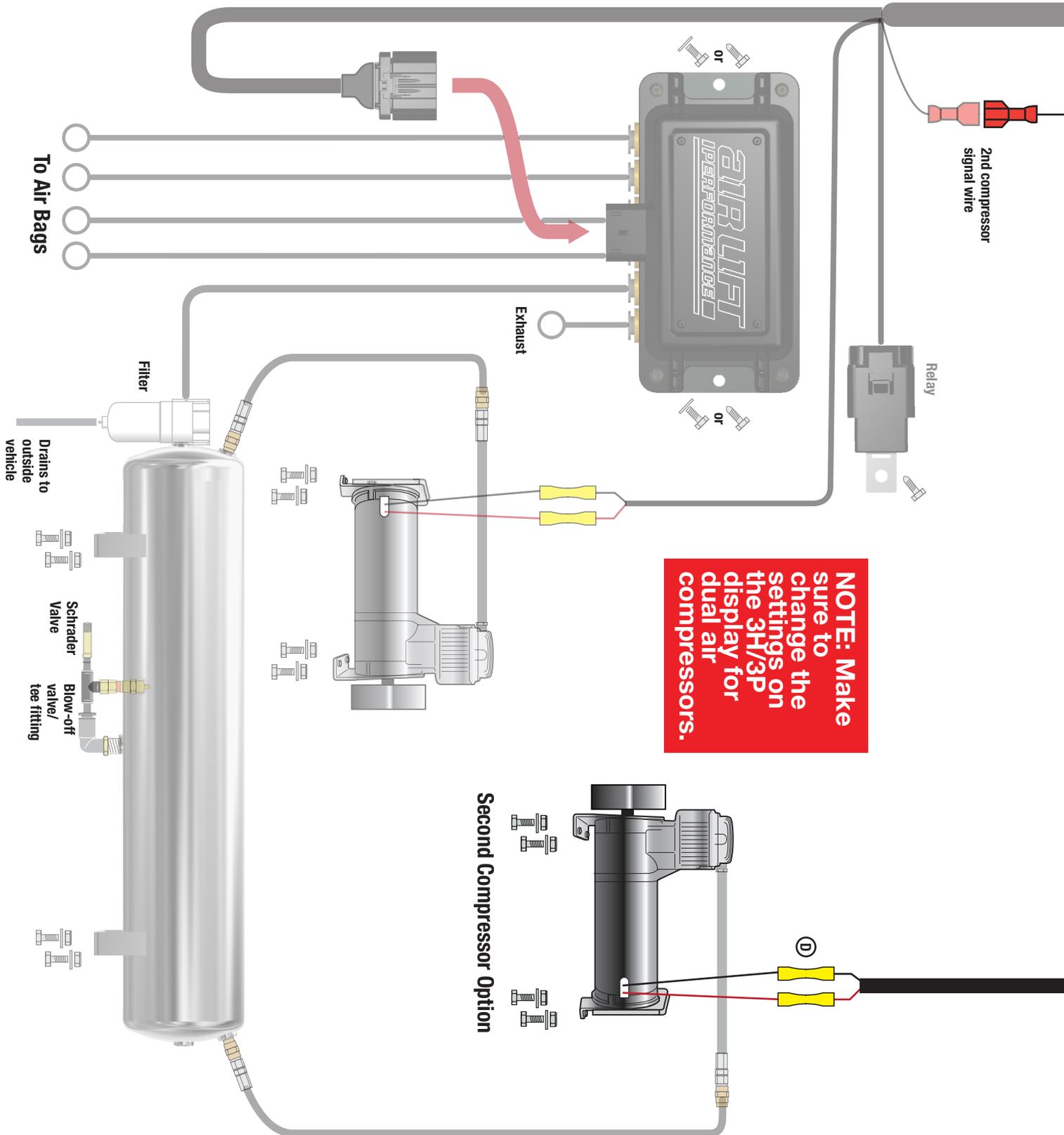
1. Route battery power (red) and ground (black) wires of the second compressor harness free from abrasive edges and heat source to the battery.
2. Attach the battery power (red) wire to the red wire on one end of the fuse holder (B) using the supplied heat-shrinkable butt splice (D).
3. Carefully apply heat (preferably with a heat gun) to the ends of the butt connector to seal this connection.
4. Attach a ring terminal (F) to the other end of the fuse holder and fasten to the positive battery (+) terminal or stud.
5. Attach a ring terminal (F) to the ground (black) wire and fasten to the negative battery (-) terminal or stud.
6. Install the supplied 30A fuse (C) into the fuse holder and close lid.

INTEGRATION INTO EXISTING HARNESS

1. Locate the grey wire labeled “compressor signal” on the second compressor harness (the main Air Lift Performance 3H/3P 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 second compressor harness.

DISPLAY SETTINGS

1. Once the second compressor is installed, go into the main menu screen on the ALP3 display, go to compressor/tank and then select dual/single and set the compressor setting to dual.



NOTE: Make sure to change the settings on the 3H/3P for dual air compressors.

Second Compressor Option

Notes

Limited Warranty and Returns Policy

Air Lift Company provides a Limited Warranty to the original purchaser of its Air Lift Performance products. The terms and conditions of the warranty for your product are set forth in the Limited Warranty and Return Policy, which is available at www.airliftperformance.com/warranty.

For additional warranty information contact Air Lift Company customer service.

Need Help?

Contact our customer service department by calling (800) 248-0892, Monday through Friday. If outside the USA or Canada, call (517) 322-2144.



Thank you for purchasing Air Lift Performance products!

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