Installation Manual

AIR SPRING SPACER KIT

Available in: *2", 4" or 6" Spacers*

Air suspension spacer kits allow lifted trucks the use of air spring while still keeping them at their desired height.

** See application guide for proper fitment.*

KIT CONTENTS

Please make sure all the items shown in kit layout are provided in your kit before starting the installation.

2" KIT CONTENTS		QTY	PART #
A	**2" Air Spring Spacers**	2	HP1300
B	3/8" - 24 x 1 Buttonhead Capscrews	4	HP1307
C	3/8" Lock Washer	4	C18007

4" KIT CONTENTS		QTY	PART #
A	**4" Air Spring Spacers**	2	HP1310
B	3/8" - 24 x 1 Capscrews	4	HP1183
C	3/8" Lock Washer	4	C18007

6" KIT CONTENTS		QTY	PART #
A	**6" Air Spring Spacers**	2	HP1320
B	3/8" - 24 x 1 Capscrews	4	HP1183
C	3/8" Lock Washer	4	C18007

REQUIRED TOOLS

- Safety Glasses
- Torque Wrench
- 7/32" Allen Wrench 6" Long
- 3/8" Drive Ratchet
- 6" Long 3/8" Drive Extension
- 3/8" Drive 9/16" Shallow Socket

Thank you and congratulations on the purchase of an Air Suspension Spacer kit.

Please read the entire manual prior to starting the installation to ensure you can complete it once started.

IMPORTANT:

This air suspension spacer kit is designed to be used ONLY where the distance of the upper and lower mounting locations of the air spring kit have been increased due to changing of the axle block or spring packs.

DO NOT install spacer kits if this dimension has not changed. Less suspension travel will result if installing a spacer kit that is larger than the amount which the upper and lower bracket have changed.

Photos in this manual are for reference only, using a universal air spring kit as the example.

All procedures will be the same for all air spring kits unless otherwise stated. Consult the air spring installation manual provided with your air spring kit or contact your point of purchase for further information.

1A

1B

1C

INSTALLATION INSTRUCTIONS

PLEASE NOTE:
For air spring installations with the air fitting located on the bottom / underside of the assembly, install the air fitting and connect the air line before attaching the spacer to the air spring as the spacer will restrict access to the air fitting once installed.

1 INSTALLATION OF 2" AIR SPRING SPACER KIT

FOR 4" & 6" KITS, PLEASE PROCEED TO STEP #2

Install the two 3/8" - 24 x 1" button head capscrews (HP1307) and 3/8" lock washers into the non threaded hole of the 2" spacer (from the inside facing out).

Place the spacer end with button head capscrews onto the bottom (the end without the air inlet port) of the air spring and tighten the capscrews to **27 N•m (20 ft-lbs)**, using a 7/32" Allen key.

PLEASE NOTE: It is not necessary to install the lower roll plate of the air spring kit.

Repeat this procedure on the second spacer / air spring.

Proceed to Step #3.

2 INSTALLATION OF 4" & 6" AIR SPRING SPACER KIT

FOR 2" KITS, PLEASE SKIP THIS STEP AND PROCEED TO STEP #3

Install the two 3/8" - 24 x 1" Hex head cap screws and 3/8" lock washers in to the non threaded hole of the spacer from the inside facing out.

Place the spacer and fasteners on to the bottom (the end with out the air inlet port) of the air spring, using a 9/16" universal joint and extension tighten the cap screws to **27 N•m (20 ft-lbs)**.

PLEASE NOTE: It is not necessary to install the lower roll plate of the air spring kit.

Repeat this procedure on the second spacer / air spring.

Proceed to Step #3.

2A

2B

3 ATTACHING SPACER TO LOWER AIR SPRING BRACKET

Position the air spring with the air inlet port towards the direction as instructed in your air spring installation manual.

Place the lower bracket onto the air spring spacer and align the mounting holes.

Install the two 3/8" - 24 x 1" hex head capscrews, lock and flat washers through the lower bracket to the threaded holes of the spacer.

Loosely fasten the assembly together. Do not tighten the capscrews fully until final adjustment is performed as instructed in the air spring manual.

PLEASE NOTE: the 3/8" - 24 x 1" Hex head capscrews are supplied in the air spring spacer kit. Do not use the 3/8" - 24 x 7/8" capscrews supplied in the air spring kit unless it uses counter sunk capscrews, then it is permissible.

2C

3

4 INSTALLING ROLLPATE AND AIR FITTING

Turn the assembly over so it is standing on the lower bracket.

Install the upper roll plate and air fitting.

Install the air supply fitting into the top of the air spring using thread sealant.

4

5 INSTALLING UPPER BRACKET TO AIR SPRING ASSEMBLY

Using the 3/8" - 24 x 7/8" capscrews, lock and flat washers supplied in the air spring kit, loosely fasten the upper bracket to the assembly.

Do not tighten the capscrews fully until the final adjustment is performed as instructed in the air spring installation manual.

Repeat Steps 3-5 for the other air spring.

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