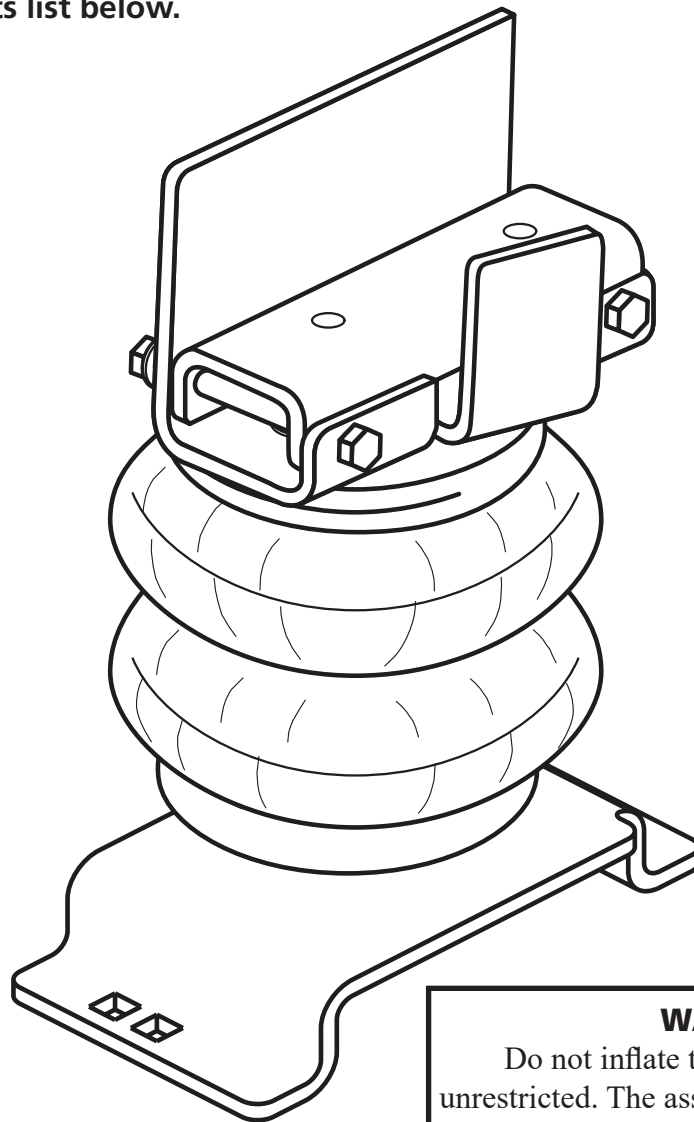




81233007 2014-2022 DODGE RAM 2500

Congratulations - your new TowPro Helper Springs are quality products capable of improving the handling and comfort of your vehicle. As with all products, proper installation is the key to obtaining all of the benefits your kit is capable of delivering. Please take a few minutes to read through the instructions to identify the components and learn where and how they are used. It is a good idea to start by comparing the parts in your kit with the parts list below.



WARNING!


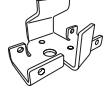
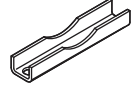
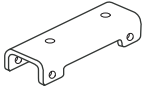
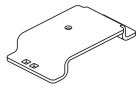

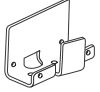
Do not inflate this assembly when it is unrestricted. The assembly must be restricted by the suspension or other adequate structure. Do not inflate beyond 100 P.S.I. Improper use or over inflation may cause property damage or severe personal injury.

REV1 2/5/19





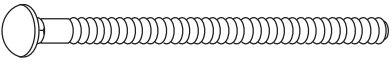

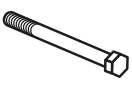


PARTS

Compare the parts below to your kit. Assure you have all pieces, and organize them for an easier installation.

MAIN KIT CONTENTS

PART # 6873	 x 2 AIR SPRING	PART # 5794	 x 1 RIGHT UPPER BRACKET	PART # 5808	 x 2 BRACKET STRAP
PART # 5792	 x 2 FRAME BRACKET	PART # 5807	 x 2 LOWER BRACKET	PART # 9415	 x 1 AIR LINE TUBE (22 FEET)
PART # 5793	 x 1 LEFT UPPER BRACKET				

A21-760-2598 HARDWARE PACK

PT # 3067	 x 12 3/8" - 16 FLANGE LOCK NUT	PT # 3293	 x 4 M10 x 1.5 x 30MM FLAT HEAD BOLT	PT # 9036	 x 6 RED NYLON TIE
PT # 3142	 x 2 3/8" - 16 x 5/8" FLAT HEAD BOLT	PT # 3020	 x 4 3/8" - 16 x 8" CARRIAGE BOLT	PT # 0899	 x 2 THERMAL SLEEVE
PT # 3268	 x 4 3/8" - 16 x 3 1/2" HEX HEAD BOLT	PT # 3031	 x 2 ELBOW AIR FITTING	PT # 3033	 x 4 5/16" FLAT WASHER

CONTENTS AND OVERVIEW

PAGE 4 REMOVE JOUNCE BUMPER

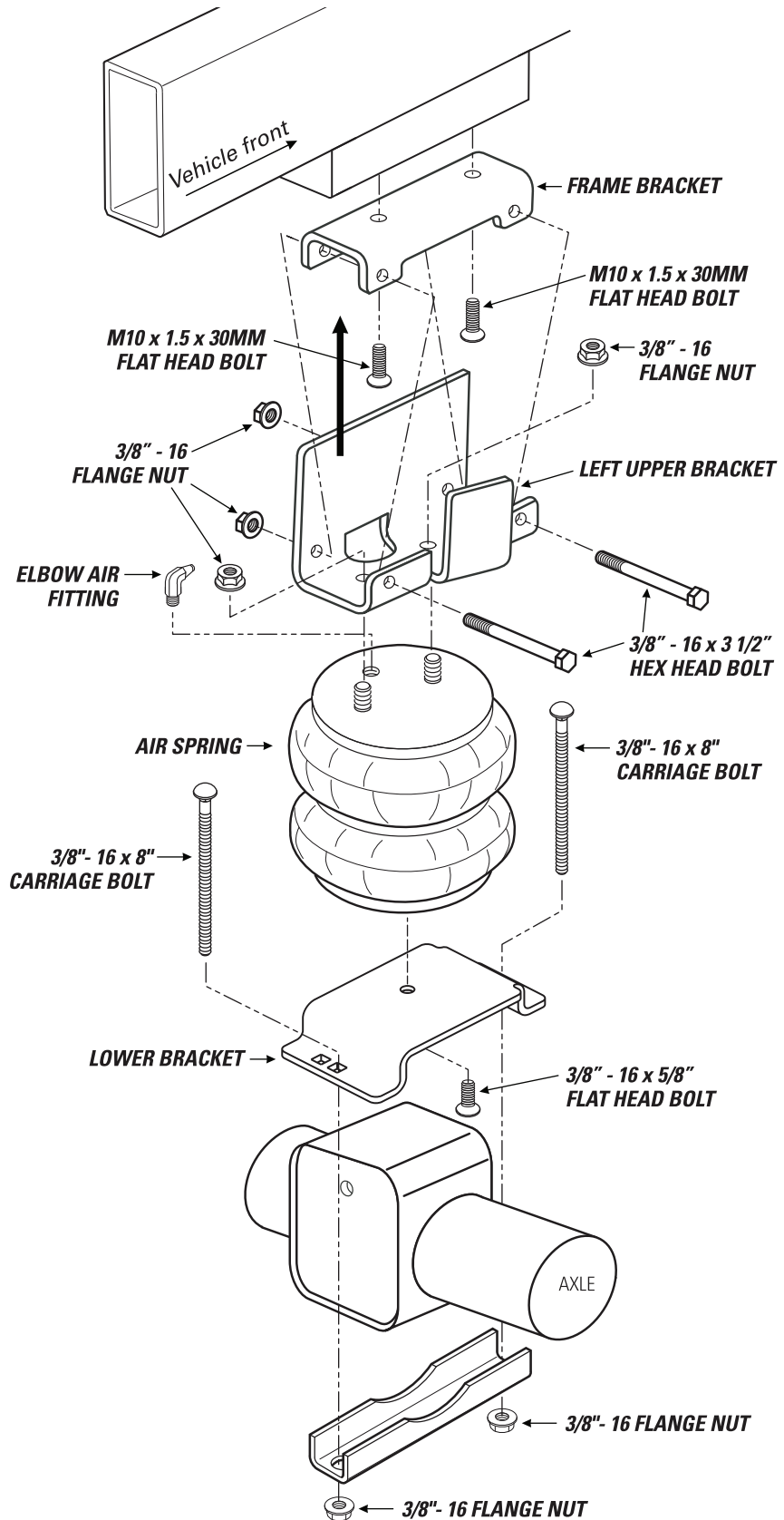
PAGE 5 PRE-ASSEMBLE THE LEFT SIDE AIR SPRING ASSEMBLY

PAGE 6 PRE-ASSEMBLE THE RIGHT SIDE AIR SPRING ASSEMBLY

PAGE 7 INSTALL FRAME BRACKET & FIT ASSEMBLY

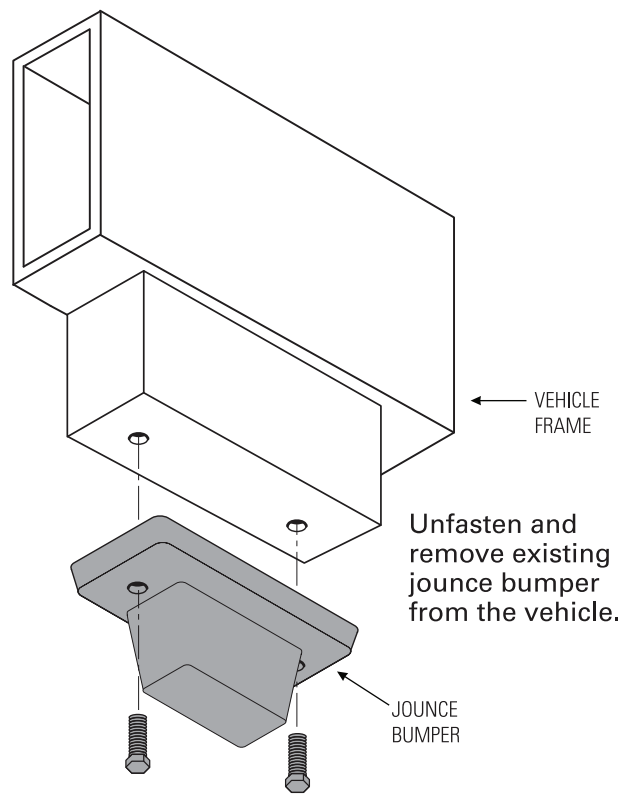
PAGE 8 INSTALL UPPER BRACKET TO FRAME BRACKET

PAGE 9 INSTALL LOWER BRACKET



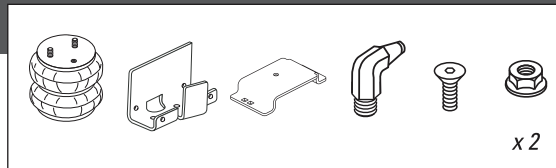


START THE INSTALLATION ON THE LEFT SIDE OF THE VEHICLE WHEN FACING FORWARD.



2

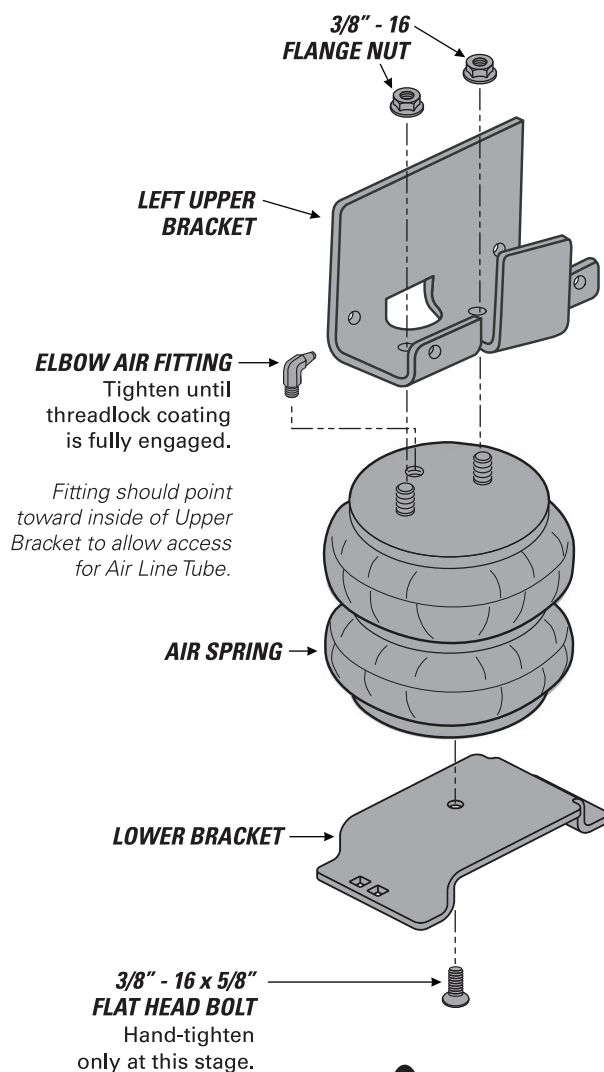
PRE-ASSEMBLE THE LEFT SIDE AIR SPRING ASSEMBLY



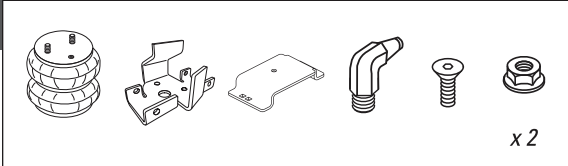
1 Fasten Upper Bracket to Air Spring, as shown.

2 Fasten the Lower Bracket to the Air Spring, hand-tighten only at this step.

3 Note that the Air Fitting should be pointing to the inside of the Upper Bracket.



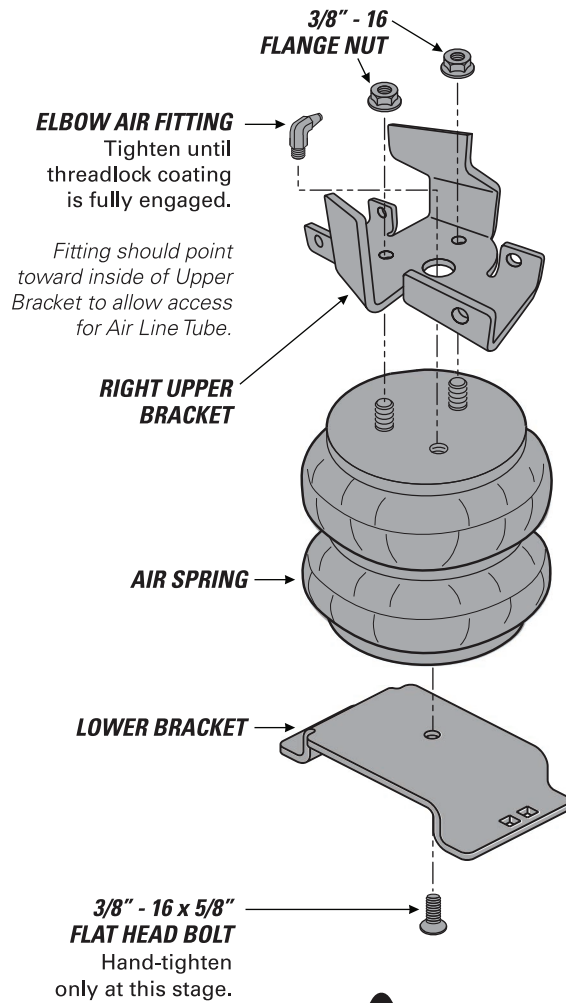
DO NOT FULLY TIGHTEN THE BOLT AT THIS STAGE. TORQUE TO SPEC IN STEP 7.



1 Fasten Upper Bracket to Air Spring, as shown.

2 Fasten the Lower Bracket to the Air Spring, hand-tighten only at this step.

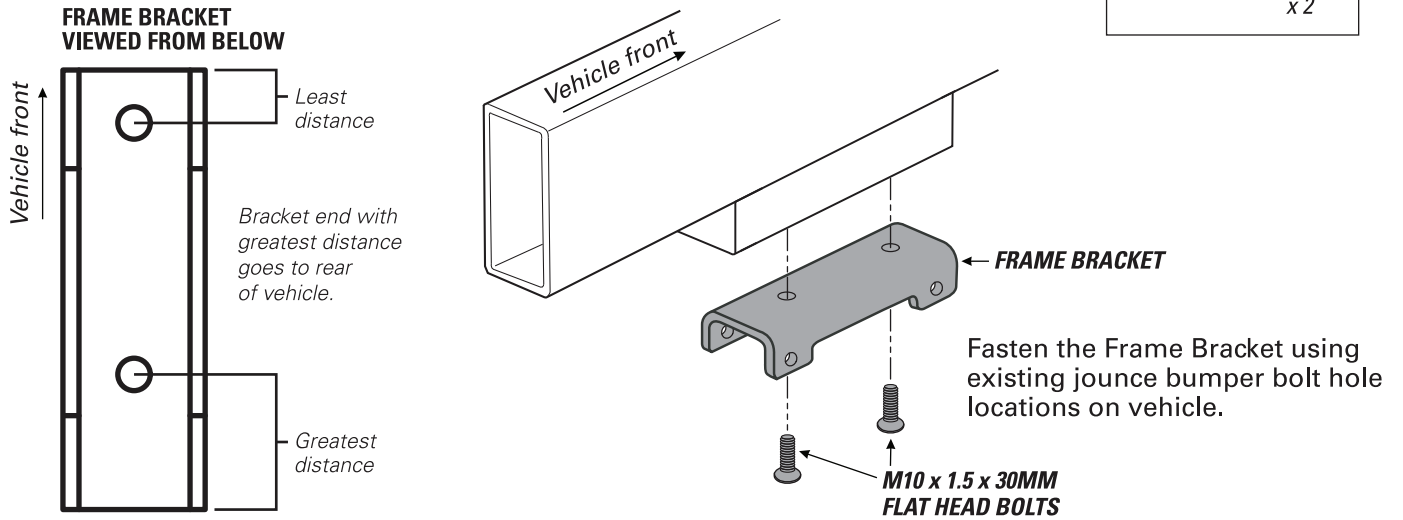
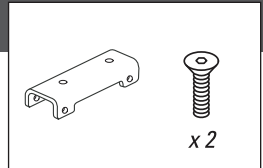
3 Note that the Air Fitting should be pointing to the inside of the Upper Bracket.



DO NOT FULLY TIGHTEN THE BOLT AT THIS STAGE. TORQUE TO SPEC IN STEP 7.

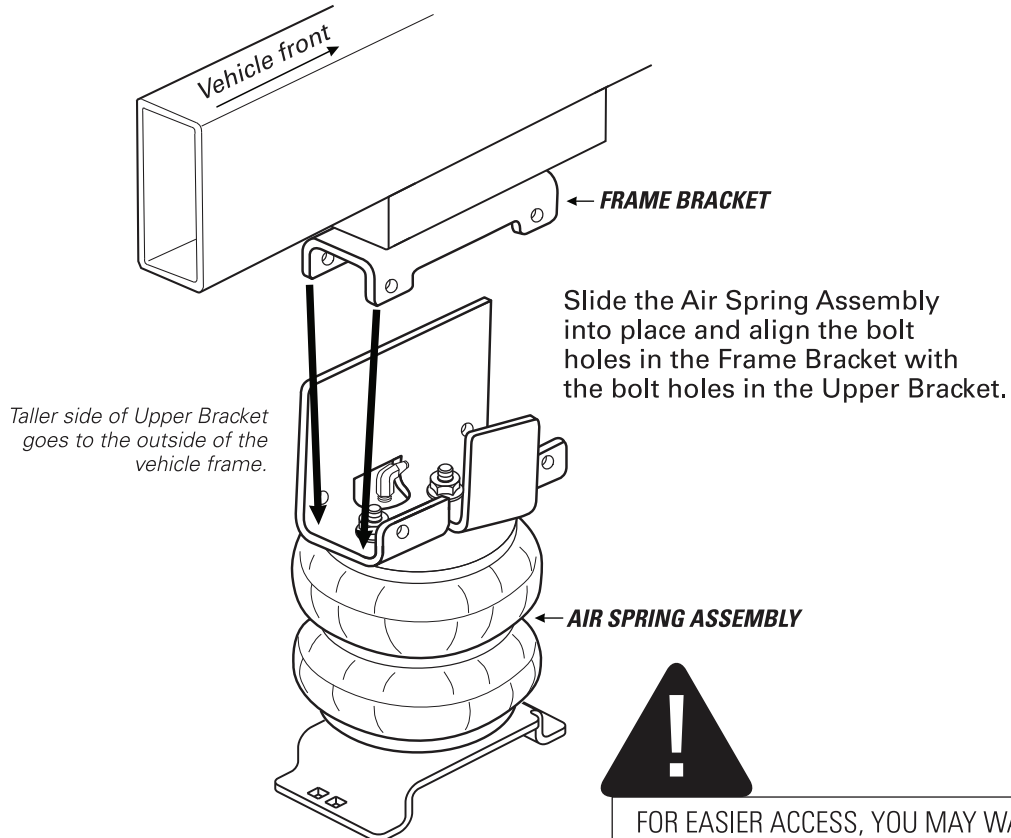
4

INSTALL THE FRAME BRACKET

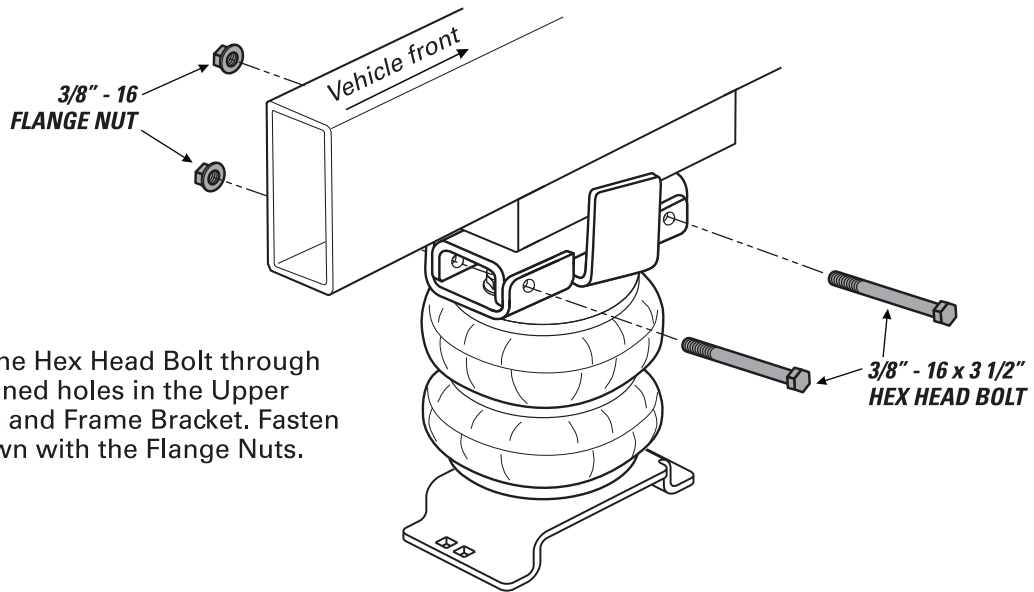
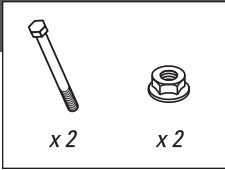


5

FIT AIR SPRING ASSEMBLY INTO PLACE ON FRAME BRACKET

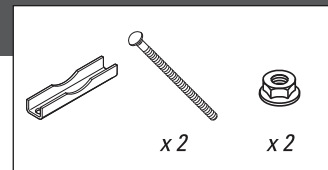


FOR EASIER ACCESS, YOU MAY WANT TO PRE-RUN THE AIR LINE TUBE TO THE AIR FITTING AT THIS STAGE.



7

INSTALL LOWER BRACKET

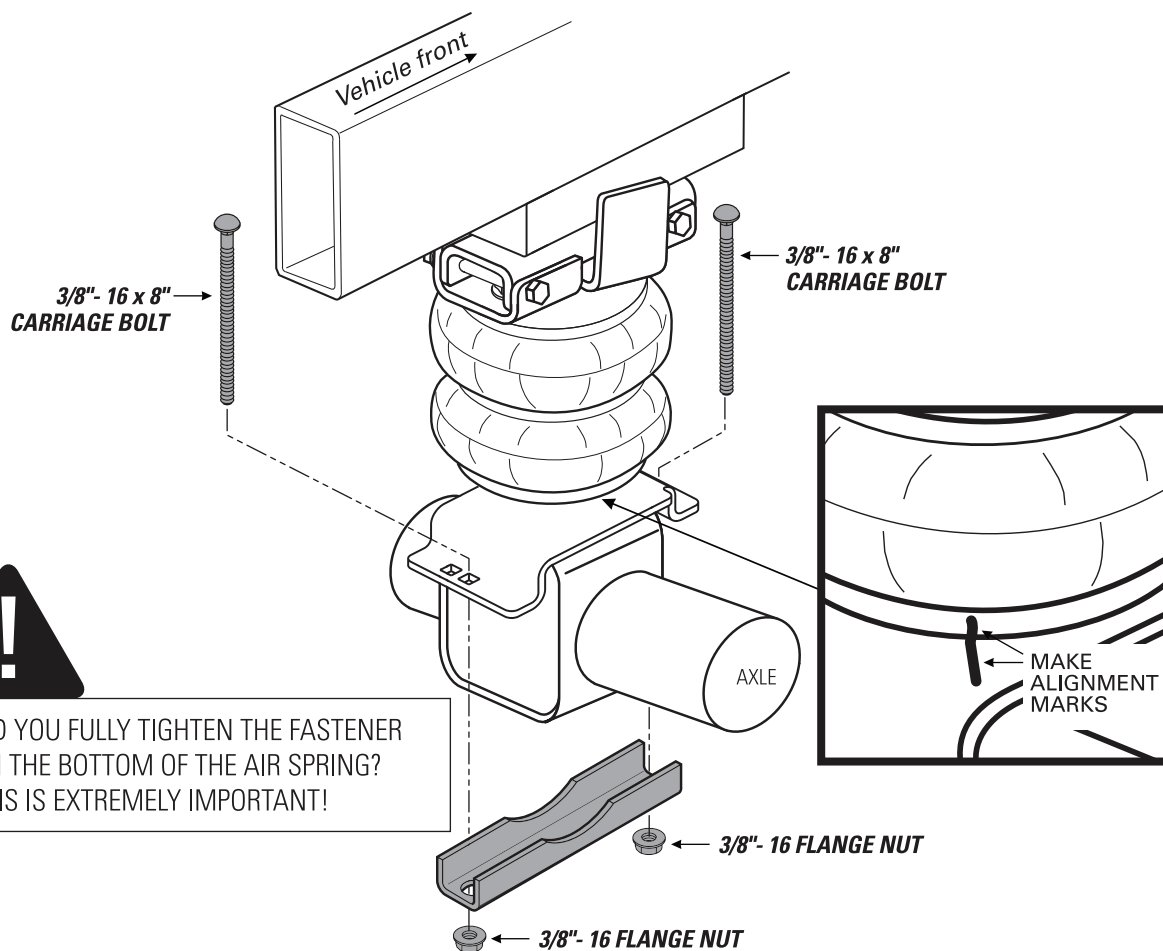


1 Follow guidelines below to dry fit assembly. Make alignment marks as shown.

2 Remove assembly and match alignment marks you made.

3 Fully tighten the **3/8"-16 x 5/8" Flat Head Bolt into the Air Spring.**

4 Install the assembly as shown.



DID YOU FULLY TIGHTEN THE FASTENER ON THE BOTTOM OF THE AIR SPRING? THIS IS EXTREMELY IMPORTANT!



USE YOUR HAND TO CHECK FOR THE PROPER CLEARANCE AROUND THE AIR SPRING. IF YOUR HAND DOES NOT FIT BETWEEN THE AIR SPRING AND OTHER COMPONENTS, IT WILL RUB!



AWESOME! You're done with the left side. The right side uses a different Upper Bracket (shown in Step 3), but the guidelines still apply. Go complete Steps 1-7 for the right side, then continue to Step 10.

