This document outlines when a 2" spacer (HP10152) is required for the installation of a GM 2500/3500 air suspension kit.

REQUIREMENT FOR A 2" SPACER (HP10152)

A 2" spacer (HP10152) is **required** for all vehicle models compatible with the GM 2500/3500 kit where the distance from the bottom of the metal jounce cup to the top of the strike plate (A) is ***greater than* 7.50",** while the truck is unloaded and on level ground.

Note (AT4X/ZR2): AT4X/ZR2 models may have an extension adapter (Figure 1, Right) on the strike plate. The extension adapter **must be removed** for the installation of the GM 2500/3500 air suspension kit.

If your vehicle is equipped with an extension adapter:

1. Remove the extension adapter prior to the measurement of distance "A"; **OR**
2. "A" = The distance from the bottom of the metal jounce cup to the green line (Figure 1, Right) **PLUS 1"**.

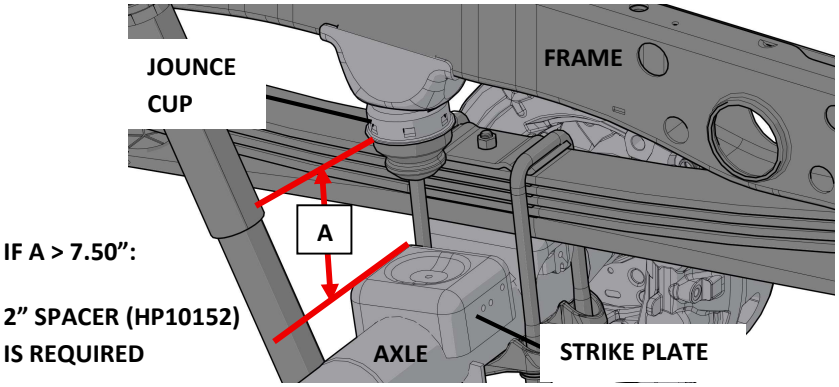

Figure 1. Diagram of GM 2500/3500 Rear Suspension

AIR SPRING (HP10000) HEIGHTS – IN GM 2500/3500 AIR SUSPENSION KITS

See the table below for ***estimates*** of installed air spring (HP10000) heights in a GM 2500/3500 kit.

Distance from Frame to Strike Plate*		Expected Approximate Installed Spring (HP10000) Heights**	
		Without a 2" Spacer (HP10152)	With a 2" Spacer (HP10152)
Estimated Height of AT4X/ZR2 Models	**7.4" – 8.4"**	**6.75" – 7.75"**	**4.75" – 5.75"**
Estimated Height of non AT4X/ZR2 Models	**5.4" – 6.4"**	**4.75" – 5.75"**	**2.75" – 3.75"**

*Distance from frame to strike plate measured prior to spring installation

** Springs installed in an unloaded vehicle on level ground with air springs inflated to 10 PSI.

Data on HP10000 Air Spring	
Minimum Operating Bag Height	3.0" [76.2 mm]
Maximum Operating Bag Height	8.4" [213.4 mm]

All information contained in this document is for reference only, subject to change without notice.