



This document outlines when a 2" spacer (HP10152) is required for the installation of an HP10340 kit (GM 1500).



REQUIREMENT FOR A 2" SPACER (HP10152)

A 2" spacer (HP10152) is **required** for all vehicle models compatible with the HP10340 kit where the distance from the bottom of the frame, next to the jounce bumper mount, to the top of the strike plate (A) is **greater than 7.50"**.

Note (AT4/Trail Boss): Some AT4/Trail Boss models have a riser block bolted to the strike plate (Figure 1, Right). Distance "A" is measured to the strike plate base as indicated by the red lines in Figure 1. The riser block **must be removed** for the installation of the HP10340 kit.

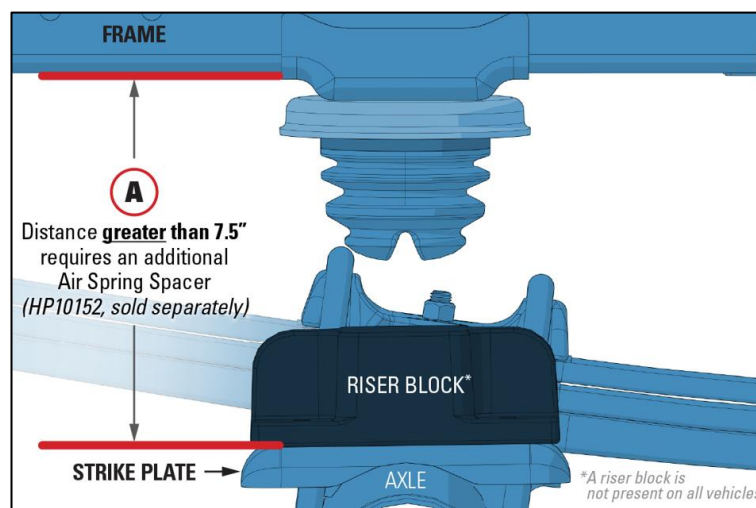


Figure 1. Diagram of GM 1500 Rear Suspension

AIR SPRING (HP10000) HEIGHTS – IN HP10340

See the table below for estimates of installed air spring (HP10000) heights in an HP10340 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 AT4/Trail Boss Models	7.4" – 8.4"	6.80" – 7.80"	4.80" – 5.80"
Estimated Height of Non-AT4/Trail Boss Models	5.4" – 6.4"	4.80" – 5.80"	2.80" – 3.80"

*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.