



This document outlines when a 2" spacer (HP10152) is required for the installation of an HP10585 kit (GM 2500/3500).



REQUIREMENT FOR A 2" SPACER (HP10152)

A 2" spacer (HP10152) is **required** for all vehicle models compatible with the HP10585 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"**.

Note (AT4/Trail Boss): AT4/Trail Boss models may have an extension adapter (Figure 1, Right) on the strike plate. The extension adapter **must be removed** for the installation of the HP10585 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"**.

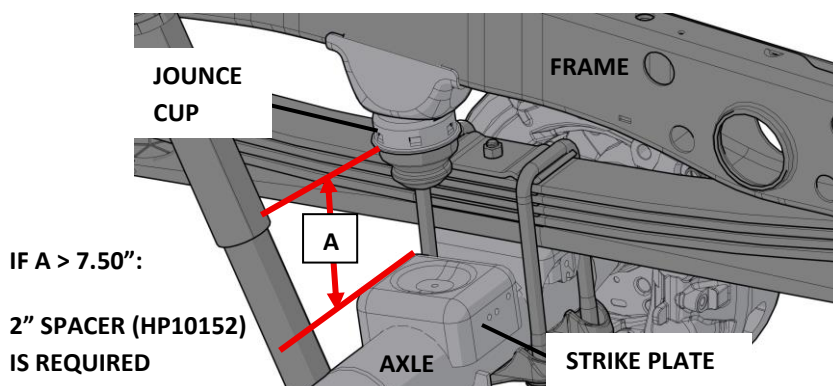


Figure 1. Diagram of GM 2500/3500 Rear Suspension

AIR SPRING (HP10000) HEIGHTS – IN HP10585

See the table below for estimates of installed air spring (HP10000) heights in an HP10585 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" | 6.75" – 7.75" | 4.75" – 5.75" |
| Estimated Height of Non-AT4/Trail Boss 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.