This document outlines the unloaded axle-to-frame distance requirement for the installation of a Ford F-250/F-350/F-450 air suspension kit.

REAR AXLE TO FRAME DISTANCE REQUIREMENT

The distance between the **TOP** of the rear axle and to the **BOTTOM** of the frame at the jounce bumper mounting point (A) is critical for proper air spring fitment. Values apply regardless of lift block presence or height.

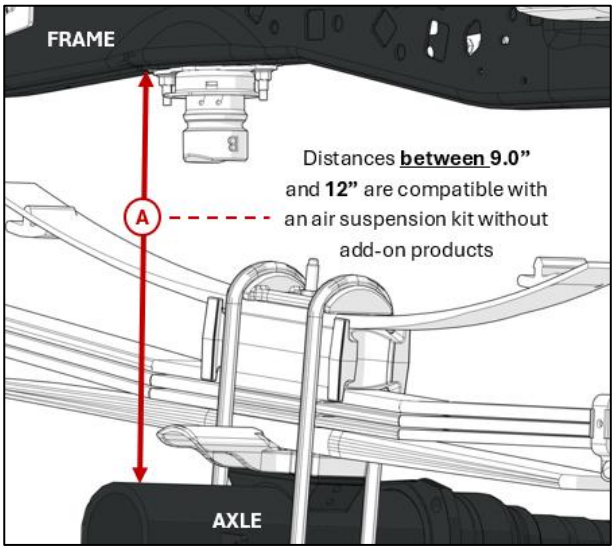

Figure 1. Diagram of Ford F-250/F-350/F-450 Rear Suspension

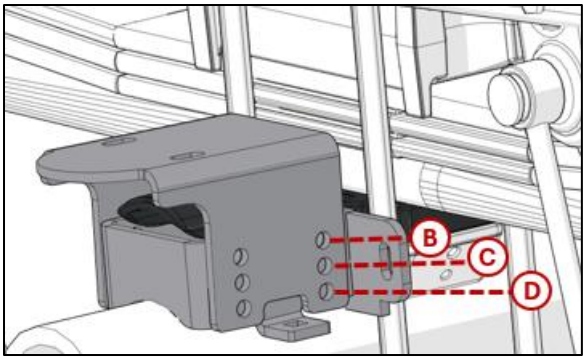

Figure 2. Air Suspension Lower Bracket

Table 1. Summary of Bracket Configurations

Frame to Axle Height "A"	Hole Position in Lower Bracket	Installed Air Spring Height*	Required Accessories
9" to 10"	**B**	4.77" – 5.77"	-
10" to 11"	**C**	5.15" – 6.15"	-
11" to 12"	**D**	5.52" – 6.52"	-
12" to 12.5"	**B**	5.77" – 6.27"	2" Air Spring Spacer HP10152
12.5" to 13.5"	**C**	5.65" – 6.65"	2" Air Spring Spacer HP10152
13.5" to 14.5"	**D**	6.02" – 7.02"	2" Air Spring Spacer HP10152

*Range of heights are listed assuming the springs are installed on an unloaded vehicle on level ground, and the air springs are inflated to 10 psi.
Note: Air springs may operate below 10 psi, depending on model. On unloaded vehicles, spring heights will be ¼" to ½" lower than at 10 psi.