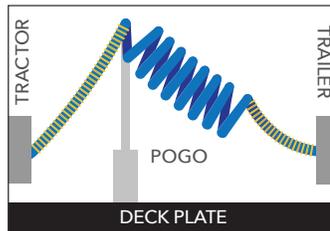
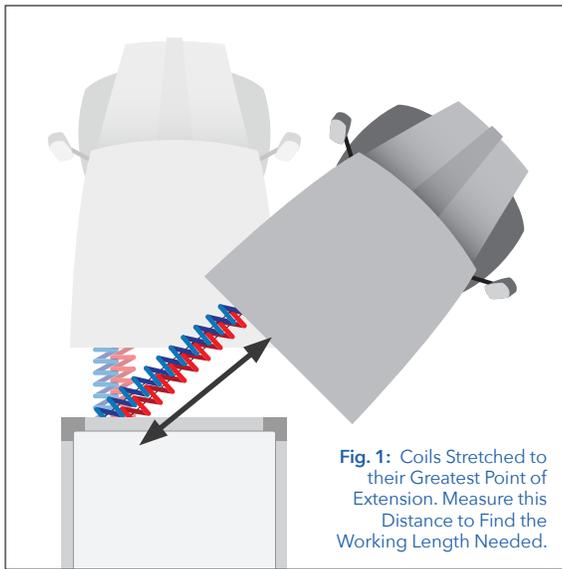


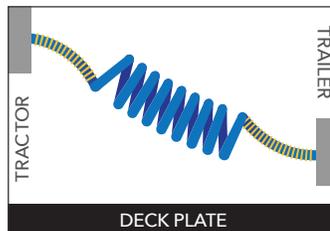
# COILED AIR SELECTION

## CHOOSING THE BEST COILED AIR FOR YOUR TRUCK & TRAILER

Selecting the right coiled air lines for your rig require you to consider multiple factors including the lead length, the type of suspension you'll be using, and the overall working length of the coil.



**Fig. 2:** Lower Connection Point with Longer Lead and Pogo for Suspension



**Fig. 3:** Higher Connection Point with Short Leads & No Suspension Method

### LEAD LENGTH & SUSPENSION

Leads are the straight parts of a coiled assembly to which the fittings and springs are attached. The lead lengths are included as part of the overall working length.

SAE recommends that newer tractors have low connection points for easy hook-up access. This means you will need longer leads and some type of suspension to keep your air lines supported off the deck plate. Standard lengths include 12", 40", 48", and 72".

You may be using a tracker bar and spring(s), a pogo, or fixed clamp on the back of the cab to suspend your lines. **The distance between the tractor connection and the suspension point determine the lead length you need. (Fig. 2)**

The connection point on older trucks may be more than 18" above the deck plate, in which case the shorter lead length can be used. **(Fig. 3)**

On the trailer side, you will typically find the connection point to be quite low. Short 6" & 12" leads are generally used so the coil does not drag.

### PROPER WORKING LENGTH

The proper length coiled air line will be long enough to extend comfortably during hard right turns, but not so long that the coil sags excessively when in a neutral position. This prevents breakaway failures from a coil that's too short as well as the damage caused by a long coil dragging on the deck plate.

**TO FIND THE CORRECT WORKING LENGTH YOU NEED,** measure the distance between connection points on the tractor\* and trailer at a full right turn, which is the greatest point of extension. **(Fig. 1)** Then, considering your method of suspension, refer to the chart below.

DISTANCE	SLIDER BAR + SPRINGS	POGO	FIXED CLAMP	NO SUSPENSION
Less than 6 ft	12 ft	12 ft	12 ft	12 ft
6-8 ft	12 ft	12 ft	12 ft	15 ft
8-9 ft	12 ft	12 ft	15 ft	20 ft
9-10 ft	15 ft	15 ft	15 ft	20 ft
10-11 ft	15 ft	15 ft	20 ft	20 ft
11-15 ft	20 ft	20 ft	Custom Length	Custom Length

\*If you are using support hardware such as suspending lines from a spring or pogo, the connection point is where the clamp is attached instead of on the tractor itself.