

Firestone Commercial Vehicle Spring **Design Parameter Sheet**

Firestone Industrial Products

	Is a Prototype Required:
Customer Company Name:	a) Date Required:
Project Title:	b) Quantity Required:
Firestone Contact:	PPAP Required:
Customer Contact Name:	a) PPAP Target Date:
	b) PPAP Level Required:
Application:	c) Please Attach Any Special PPAP Requirements
Revision Level:	
Email:	
Phone:	
Fax Number:	
Annual Volumou	Date Required:
Annual Volume:	Quantity Required:
Document Start Date:	Packaging Requirements:
Current Date:	
 "Parameter sheet" required for each suspension configuration in which the airspring will be used. Please provide chassis/suspension drawings at ride height & extremes of travel and mounting surface drawings. 	

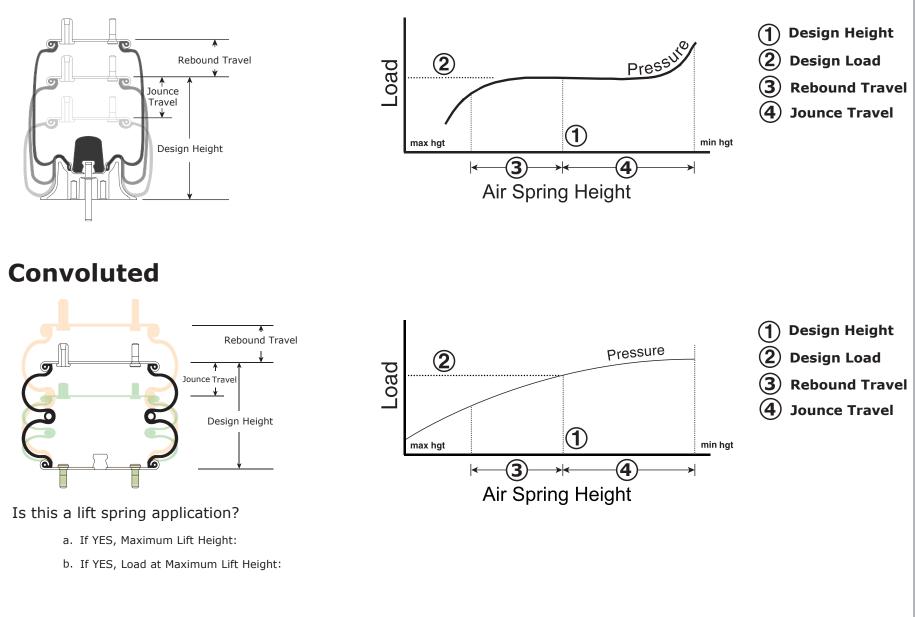
 FSIP engineers should be consulted for air spring applications prior to customer fixing mounting hard points.

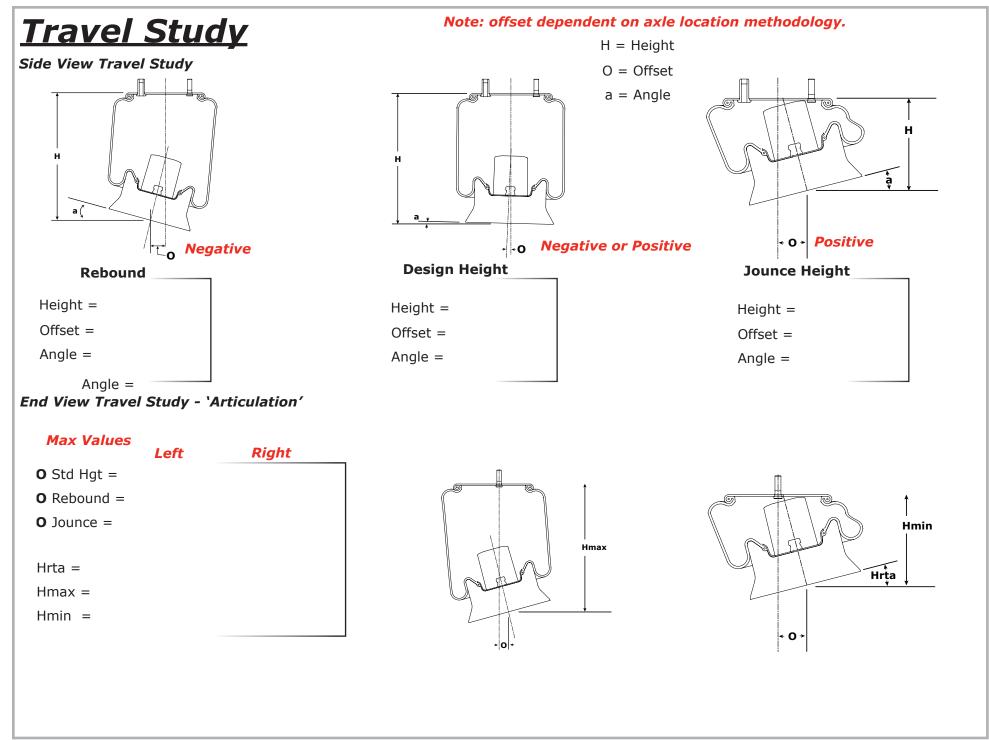
FSIP relies upon the Customer to provide the information necessary to develop an air spring that meets the Customer's needs and specifications. The information requested herein does not include all of the necessary items about design, repair or service. All information requested herein by FSIP is requested solely for the benefit of FSIP to permit it to analyze the Customer's request for an air spring application. By requesting information, FSIP is not assuming any duty to design the suspension system of which the spring is a component part. FSIP does not warrant or make any representations regarding the use or the results of the use of the information or materials generated during the design phase in terms of their correctness, accuracy, reliability, or otherwise, and information generated during the design phase may contain technical inaccuracies or typographical errors. FSIP's general terms and conditions apply to any products or results received by customer.

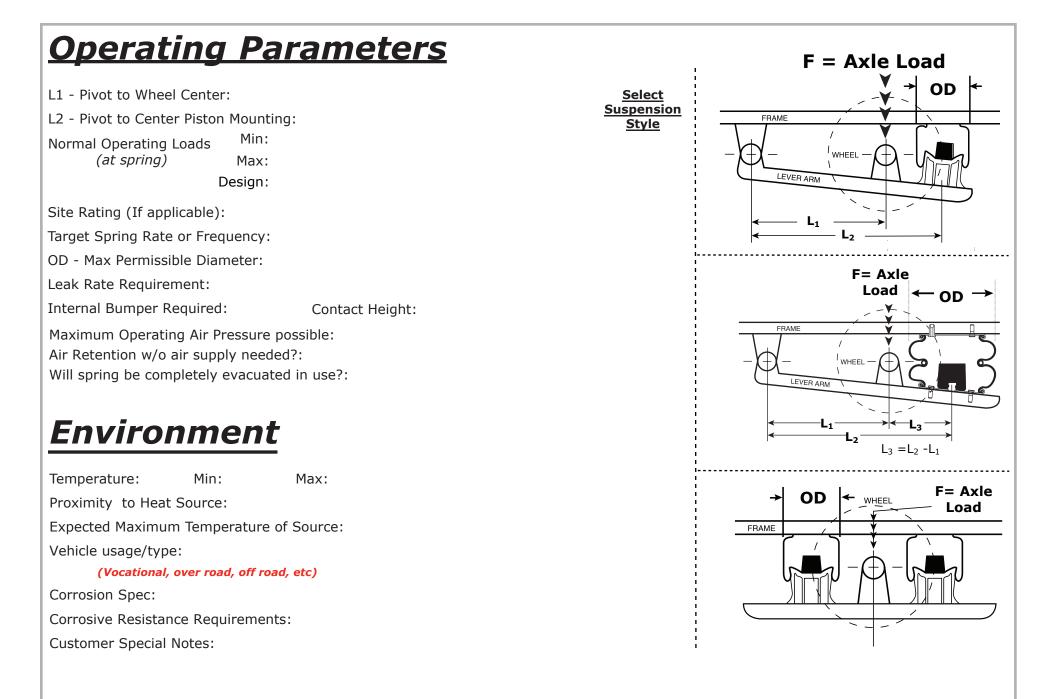
1

Spring Overview

1T Style







Vehicle Interface Data

Please provide CAD/documentation to FSIP Engineering for the following:

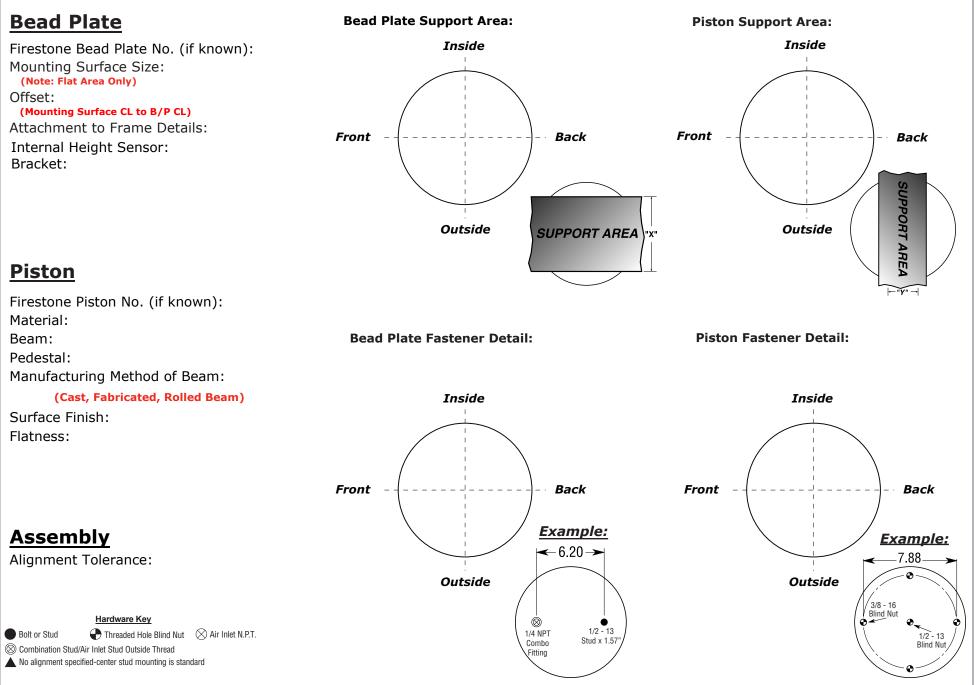
Air Fitting Location:

Air Fitting Sizing/Requirements:

Preferred mounting method (Bead Plate):

Preferred mounting method (Piston):

Vehicle Interface Data



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Customer Validation/Testing

Specify Testing for Air Spring Vali	idation & Pass Criteria:	
Test Set-Up Criteria: Load:	Pressure:	Height:
Hot/Cold Testing		
Durability Testing		
Off-Road Testing		
Environmental Testing		
Burst Testing		
Leak Testing		
Pressure Retention		
Fatigue		
Ambient	At Temperature:	
Other Testing to be Performed by Firestone (Explain)		
On-Site Customer Testing/Customer Specific Testing:		
Specific System Sign-Off Crite	eria:	
Special Rig Test Requirements	s:	
Additional Information:		

Additional Important Information

Label Requirements: (Please attach a sample if special requirements are needed)

Post-Install Shipping and Storage Plan:

Please include any available information with request: Suspension Drawing Air Spring Drawing Test Specifications Configuration or Performance Notes Technical Specification Sheet

Final Notes/Information: