

233 AIR SPRING REFERENCE SHEET

FOR RSS-233 TRUCK

Estimated Load Based On Air Spring PSI

RSS-233 Model Capacity	8k, 10k, 13.2k			20k		
Type Vehicle	Truck			Truck		
Axle & Wheel Weight	1050			1500		
Lever Arm Ratio	1.00			1.00		
Ride Height	Minimum	Medium	Maximum	Minimum	Medium	Maximum
Air Spring Design Height (3B12-347)	11.500"	13.000"	14.500"	9.375"	11.875"	14.375"
Air Spring PSI:						
20	4,175	3,975	3,375	5,700	4,900	4,500
30	5,825	5,475	4,675	7,850	6,900	6,250
40	7,475	6,975	5,975	10,000	8,900	8,000
55	9,950	9,225	7,775	12,250	11,100	10,050
60	10,775	9,975	8,375	14,500	13,300	12,100
70	12,575	11,525	9,675	17,000	15,400	14,100
80	14,375	13,075	10,975	19,500	17,500	16,100
90	16,075	14,625	12,375	22,000	19,750	18,100
100	17,775	16,175	13,775	24,500	22,000	20,100

NOTE: The above chart show estimated values only, for reference only. To determine an accurate suspension weight, calibration with a scale is recommended

Load values shaded in green exceed 8k suspension rating

Load values shaded in blue exceed 10k suspension rating

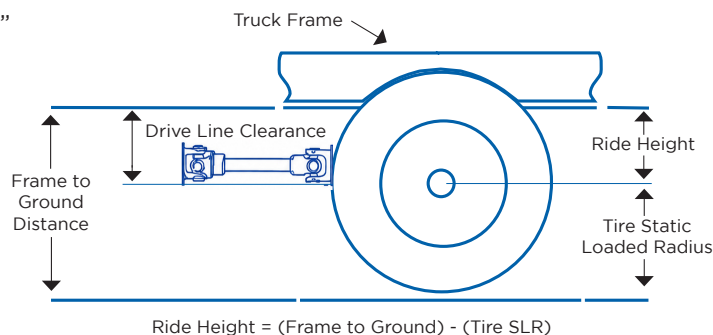
Load values shaded in grey exceed 13.2k suspension rating

Operation at these pressures / loads are not advisable

*Ride height is illustrated in Figure 1.

The thickness of the load air spring spacer (either 1" or 2" if applicable) must be subtracted from this dimension to properly use the chart.

Figure 1:



FOR RSS-233 TRAILER

Estimated Load Based On Air Spring PSI

RSS-233 Model Capacity	8k, 10k, 13.2k			20k		
Type Vehicle	Trailer			Truck		
Axle & Wheel Weight	1050			1500		
Lever Arm Ratio	1.00			1.00		
Ride Height*	Minimum	Medium	Maximum	Minimum	Medium	Maximum
Air Spring Design Height (1R12-584)	13.500"	15.250"	17.000"	12.375"	14.500"	16.875"
Air Spring PSI:						
20	4,175	4,175	3,975	5,500	5,500	5,100
30	5,375	5,375	5,075	7,400	7,400	7,050
40	6,575	6,575	6,175	9,300	9,300	9,000
55	8,175	8,175	7,425	11,300	11,300	10,750
60	9,775	9,775	8,675	13,300	13,300	12,500
70	11,275	11,275	10,125	15,150	15,150	14,200
80	12,775	12,775	11,575	17,000	17,000	15,900
90	14,275	14,275	12,975	19,150	19,150	17,950
100	15,775	15,775	14,375	21,300	21,300	20,000

NOTE: The above chart show estimated values only, for reference only. To determine an accurate suspension weight, calibration with a scale is recommended

Load values shaded in green exceed 8k suspension rating

Load values shaded in blue exceed 10k suspension rating

Load values shaded in grey exceed 13.2k suspension rating

Operation at these pressures / loads are not advisable

*Ride height is illustrated in Figure 1.

The thickness of the load air spring spacer (either 1" or 2" if applicable) must be subtracted from this dimension to properly use the chart.

Figure 1:

