

The Sullybilt for GMC



As presented at the Spring 2012 Convention in Shawnee, OK
Product developed by: Todd Sullivan
Technical and ordering information: www.bdub.net/sully/

DISCLAIMER

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Similarity

- The Sullybilt is very similar to the OEM in its operation

Sullybilt



OEM



No modifications required

- Rebuilt suspension with Sullybilt on left and original suspension on right



Side by side comparison

- Firestone 9294 above and original spring below



Installation

- The Sullybilt installation process is very simple



Designer	General Motors	Leigh Harrison	Jim Kanomata	Zeb Frady	Dan Hensley	Silver Motor Coach	Todd Sullivan	Alex Sirum
System name	OEM	Four Bag	Quadra Bag	Southland	Hensley	Silvertone	SullyBilt	
Year introduced	1973	1995			2011	1991, 2011 GMC	2011	
Bags per side	1	2	2	1	1	1	1	2
Bag manufacturer	Firestone	Firestone	Firestone	Firestone	Firestone		Firestone	
Bag part number	8301	W01-358-3400	W01-358-7325				W01-358-9294	
Bag vendor, USA, retail	none	Leigh Harrison, generally orderable	Applied GMC, COOP, Alex Sirum, Grandview, MGM, generally orderable	Southland Motorhome Center		Applied GMC	generally orderable	
Bag price w/o shipping, each (date)	n/a	\$105 (Jan 2012)	\$110 (Jan 2012)	\$300 (May 2011)		n/a	\$138 (Jan 2012)	
Max height under bogie								
Min height under bogie								
Bag pressure at max freight, psig	105						60	
Bag pressure at normal ride height and weight, psig	80-90	100-110	80-90	90	90-100	125	60-65	
Leveling range, inches: +up, -down	full: +4, -4	reduced: +3, -4	full: +4, -4	reduced: +3, -4	greatly reduced	full: +4, -4	~ full: +3.75, -3.5	
System vendor	none	Leigh Harrison	Applied GMC	Southland Motorhome Center	Dan Hensley	Applied GMC	Todd Sullivan	Alex Sirum GMC Motorhomes
System vendors, other			GMC COOP, Alex Sirum, Grandview, MGM					
System price w/o shipping, both sides (date)	n/a	\$1075 (Jan 2012)	\$1395 (Jan 2012)	\$750 (Jan 2012)	\$600 (Jan 2012)	\$650 (Jan 2012)	\$676 (Jan 2012)	
System weight		57 lbs						
Shipping price, ~2000mi USA	n/a	\$50					\$30	
Time to install, both sides	n/a	4-6hrs	4-6hrs	1hr	1hr	1hr	1hr	
Ease of installation	n/a	straightforward but some difficult to access and/or high torque work	straightforward but some difficult to access and/or high torque work	simple, bolt-on	simple, bolt-on	simple, bolt-on	simple, bolt-on	
Systems sold (date)	12,921 (1979)		200+ (Jun 2011)	12 (Jun 2011)	5 (May 2011)		5 (Jan 2012)	
Design features		• should survive loss of single bag per side (2x load on remaining bag and tire!)	• should survive loss of single bag per side (2x load on remaining bag and tire!)		• can travel with bags deflated, ~2" clearance between tires and wheel wells			
Reviews, fans		• improved handling (esp for towing) • good protection of hoses and bags from road debris	• improved handling (esp for towing)	• rides like OEM				
Reviews, skeptics		• firmer ride than OEM • isolated report of damage to center support under extreme road dynamics	• firmer ride than OEM	• rides like OEM	• question about side-load stresses			