

Designer	General Motors	Leigh Harrison	Jim Kanomata	Zeb Frady	Alex Sirum	Dan Hensley	Jim Bounds	Silver Motor Coach
System name	OEM	Four Bag	Quadra Bag	Southland		Hensley	Big Ole Bag (BOB)	Silvertone
Year introduced	1973	1995				2011	not yet!	1991, 2011 GMC
Bags per side	1	2	2	1	2	1	1	1
Bag manufacturer	Firestone	Firestone	Firestone	Firestone		Firestone		
Bag part number	8301	W01-358-3400	W01-358-7325					
Bag vendor, USA, retail	none	Leigh Harrison, generally orderable	Applied GMC, COOP, Alex Sirum, Grandview, MGM, generally orderable	Southland Motorhome Center				Applied GMC
Bag price w/o shipping, each (date)	n/a	\$100 (May 2011)	\$100 (May 2011)	\$300 (May 2011)				\$400 (May 2011)
Max height under bogie								
Pressure at max height								
Min height under bogie								
Bag pressure at normal ride height and weight, psig	80-90	100-110	80-90	90		90-100		125
Leveling range, inches: +up, -down	full: +4, -4	reduced: +3, -4	full: +4, -4	reduced: +3, -4		greatly reduced		
System vendor	none	Leigh Harrison	Applied GMC	Southland Motorhome Center	Alex Sirum GMC Motorhomes	Dan Hensley		Applied GMC
System vendors, other			GMC COOP, Alex Sirum, Grandview, MGM					
System price, both sides (date)	n/a	\$1075 (May 2011)	\$1600 (May 2011)	\$950 (May 2011)		\$600 (May 2011)		\$800 (May 2011)
System weight		57 lbs						
Shipping price, ~2000mi USA	n/a	\$50						
Time to install, both sides	n/a	4-6hrs	4-6hrs	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	easy		easy		easy
Systems sold (date)	12,921 (1979)		200+ (Jun 2011)	12 (Jun 2011)		5 (May 2011)		
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		

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Notes	<ul style="list-style-type: none"> • bags no longer manufactured • some NOS bags are still available but cost prohibitive (e.g. Cinnabar, \$700/ea?) 		<ul style="list-style-type: none"> • adapted from Harrison design with many updates (details will be added soon). 	<ul style="list-style-type: none"> • cone design patented • Southland is only US distributor for bag, but it is said to be common in international trucking use 	site says "new style" air bag system in stock, no link or info			<ul style="list-style-type: none"> • bag/cone system original on Silver MC vehicles in 1991 • repurposed for TZE's in 2011 • future availability and current bag age uncertain
More information		Leigh Harrison product page	Applied GMC product page	Southland Motorhome Center product page				
			installation instructions (PDF)	GMC ES presentation (PDF)		installation video		
		air bag data sheet 3400 (PDF)	ait bag data sheet 7325 (PDF)					
		bellows data sheet 224 (PDF)	bellows data sheet 26 (PDF)					