

GMC Motorhome Disk Brake Modifications as of 27 September 2002									
Item	Original	Qty./	Units	Suggested	N	Part	Unit	Extended	Comments
Description	Application	Axle		Source	R	Number	Cost	Cost	
Convert Front Brakes to 80 mm Calipers:									
Caliper, Left	84 Chev 1/2t Suburban 2wd	1	ea	AutoZone	R	C530	\$12.99	\$12.99	
Caliper, Right	w/JB7, JD7 brake system	1	ea	AutoZone	R	C531	\$12.99	\$12.99	
Guide Pins	84 Chev 1/2t Suburban 2wd	1	pair	AutoZone	N	H5004	\$4.99	\$4.99	=Wagner F76074 =Bendix H5004
Brake Pads	84 Chev 1/2t Suburban 2wd	1	set	AutoZone	N	0524	\$27.99	\$27.99	Carbon Metallic
Hose, Left		1	ea	AutoZone	N	77320	\$24.99	\$24.99	=Wagner BH or F 110424
Hose, Right		1	ea	AutoZone	N	77421	\$24.99	\$24.99	=Wagner BH or F 110425
Banjo Bolt	84 Chev 1/2t Suburban 2wd	2	ea	AutoZone	N	313940	\$1.99	\$3.98	
Parts Kit	GM many apps	1	ea	AutoZone	N	H5539	\$2.99	\$2.99	=Wagner 736754 =Bendix H5539

Total Cost This Axle:								\$115.91	
Replace Center or Rear Brakes with OEM (2.5in) front Calipers -- Use existing or replacement parts:									
Brake Disk	76-78 Eldorado Rear	2	ea	Salvage/AZ	U	5512 @\$55.99	\$15.00	\$30.00	
Backing Plate	76-78 Eldorado Rear	2	ea	Salvage	U	n/a	\$15.00	\$30.00	
	Machine work on disk & back. plate	2	ea			n/a	\$37.50	\$75.00	
Resurface Disk		2	ea	AutoZone		n/a	\$6.00	\$12.00	
Caliper, Left	73-78 GMC MH	1	ea	AutoZone	R		\$12.99	\$12.99	
Caliper, Right	73-78 GMC MH	1	ea	AutoZone	R		\$12.99	\$12.99	
Guide Pins	84 Chev 1/2t Suburban 2wd	1	pair	AutoZone	N	H5004	\$4.99	\$4.99	=Wagner F76074 =Bendix H5004
Brake Pads	84 Chev 1/2t Suburban 2wd	1	set	AutoZone		0524	\$27.99	\$27.99	Carbon Metallic
Hose		2	ea	AutoZone	N	88266	\$12.99	\$25.98	=Wagner F51116 =Bendix 88266
Brackets	Fabricate	2	ea		N	n/a			
Hose Clips	Common Hardware	2	ea		N	n/a	\$0.50	\$1.00	
Parts Kit	GM many apps	1	ea	AutoZone	N	H5539	\$2.99	\$2.99	=Wagner 736754 =Bendix H5539

Total Cost OEM 2.5in. Cent./Rear:								\$235.93	

Replace Center or Rear Brakes with 80 mm Calipers:										
Brake Disk	76-78 Eldorado Rear	2 ea	Salvage/AZ	U	5512 @\$55.99	\$15.00	\$30.00			
Backing Plate	76-78 Eldorado Rear	2 ea	Salvage	U	n/a	\$15.00	\$30.00			
	Machine work on disk & back. plate	2 ea			n/a	\$37.50	\$75.00			
Resurface Disk		2 ea	AutoZone		n/a	\$6.00	\$12.00			
Caliper, Left	84 Chev 1/2t Suburban 2wd	1 ea	AutoZone	R	C530	\$0.00	\$0.00			
Caliper, Right	w/JB7, JD7 brake system	1 ea	AutoZone	R	C531	\$0.00	\$0.00			
Guide Pins	84 Chev 1/2t Suburban 2wd	1 pair	AutoZone	N	H5004	\$4.99	\$4.99	=Wagner F76074		
								=Bendix H5004		
Brake Pads	84 Chev 1/2t Suburban 2wd	1 set	AutoZone	N	0524	\$27.99	\$27.99	Carbon Metallic		
Hose		2 ea	AutoZone	N	77226	\$11.99	\$23.98	=Wagner 105887		
								=Bendix 77226		
Banjo Bolt	84 Chev 1/2t Suburban 2wd	2 ea	AutoZone	N	313940	\$1.99	\$3.98			
Parts Kit	GM many apps	1 ea	AutoZone	N	H5539	\$2.99	\$2.99	=Wagner 736754		
								=Bendix H5539		

							Total Cost 80mm Front:	\$210.93		
Replace Center or Rear Brakes with Eldorado Calipers:										
Brake Disk	76-78 Eldorado Rear	2 ea	Salvage/AZ	U	5512 @\$55.99	\$15.00	\$30.00			
Backing Plate	76-78 Eldorado Rear	2 ea	Salvage	U	n/a	\$15.00	\$30.00			
	Machine work on disk & back. plate	2 ea			n/a	\$37.50	\$75.00			
Resurface Disk		2 ea	AutoZone		n/a	\$6.00	\$12.00			
Caliper, Left	76-78 Eldorado Rear	1 ea	AutoZone	R	C162	\$74.99	\$74.99			
Caliper, Right	76-78 Eldorado Rear	1 ea	AutoZone	R	C163	\$74.99	\$74.99			
Guide Pins	GM many apps	1 pair	AutoZone	N	H5004	\$4.99	\$4.99	=Wagner F76074		
								=Bendix H5004		
Brake Pads	76-78 Eldorado Rear	1 set	AutoZone	N	D122	\$15.99	\$15.99	Semi-metallic		
Hose	76 Camaro Front	2 ea	AutoZone	N	77226	\$11.99	\$23.98	=Wagner 105887		
	NOTE: Banjo end must be drilled (7/16") to fit bolt below.							=Bendix 77226		
Banjo Bolt	76-78 Eldorado Rear	2 ea	Salvage/AZ	U	313935	\$0.00	\$0.00			
Copper Washer	Common Hardware	4 ea	AutoZone	N	n/a	\$0.50	\$2.00			
Parts Kit	GM many apps	1 ea	AutoZone	N	H5539	\$2.99	\$2.99	=Wagner 736754		
								=Bendix H5539		

							Total Cost This Axle:	\$346.93		

Replace Master Cylinder with P30:									
Master Cylinder	P30 chassis w/4 Disk	1 ea	Seneca	N	ALI 11641	\$217.22	\$217.22	Allied Bendix 11641	
Brake Line	Generic	1 ea	A-C Brake	N	CAL H8317	\$1.75	\$1.75	Cut & use fittings	
Brake Line	Generic	1 ea	A-C Brake	N	CAL H8416	\$1.81	\$1.81	on old tubes. ***	
Push Rod (1)	Custom	1 ea	Harrison	N		\$18.00	\$18.00		

Total Cost:								\$238.78	
*** Brake lines into Master Cylinder must have different fittings to fit MC. Use special 3/16" & 1/4" fittings from H8317 & H8416 to adapt original lines to P30 MC. Smaller line goes closest to brake booster.									
(1) Push Rod must be ~0.1" longer than original to compensate for moving bracket forward of master cylinder mounting ears.									
GM has an adjustable rod which can be used or Leigh Harrison sells one, either ~\$18. Or make from 3/8" bolt.									
Add Sensitized Brake Booster (Leigh Harrison):									
Brake Booster	GMC Motorhome	1 ea	Harrison	R		\$225.00	\$225.00		
Machine Eldorado Backing plates: Center hole must be machined to 2.250" ID with camfer on back side to seat on spindle.									
Machine Eldorado Disks: Enlarge center hole to 3.875". Match one hub-to-disk mounting hole, and drill 3 additional holes 90 degrees apart on disk to match hub. (Install 1 bolt and C-clamp 180 degrees opposite to hold alignment.)									
Weights: Original: 144#									
4 Disk: 88#									
Savings: 56#									
Example Grand Totals:									
F-80/C-2.5/R-2.5									
Total Cost 80mm Front:						\$115.91			
Total Cost OEM 2.5in. Center:						\$235.93			
Total Cost OEM 2.5in. Rear:						\$235.93			
New P30 Master Cylinder:						\$238.78			
Sensitized Booster:						\$225.00			

							\$1,051.55		
								Brakes3.xls	