

124_brakes.xls

Size	Chassis	Model	Years	Caliper	Rotor	Brake pads	Splash shield	Hub	Knuckle	Steering Arm	Control Arm	Up to VIN	From VIN
Front													
	<i>Diesels</i>												
284 x 22	124.133	300D	1987	001-420-18/19-83	124-421-16-12	000-420-99-20	124-420-13/14-44	124-330-22-25	124-330-04/05-20	124-332-12/13-20	124-330-30/31-07		
284 x 22	124.193	300TD	1987	001-420-18/19-83	124-421-16-12	000-420-99-20	124-420-13/14-44	124-330-22-25	124-330-04/05-20	124-332-12/13-20	124-330-30/31-07		
284 x 22	124.128	300D	90-92	001-420-18/19-83	124-421-16-12	000-420-99-20	124-420-13/14-44	124-330-22-25	124-330-04/05-20	124-332-12/13-20	124-330-30/31-07		
284 x 22	124.131	E300	1995	001-420-18/19-83	124-421-16-12	000-420-99-20	124-420-13/14-44	124-330-22-25	124-330-04/05-20	124-332-12/13-20	124-330-30/31-07		
284 x 22	124.026	300E 2.6	87-92	001-420-18/19-83	124-421-16-12	000-420-99-20	124-420-13/14-44	124-330-22-25	124-330-04/05-20	124-332-12/13-20	124-330-30/31-07		
284 x 22	124.028	300E 2.8	1993	001-420-18/19-83	124-421-16-12	000-420-99-20	124-420-13/14-44	124-330-22-25	124-330-04/05-20	124-332-12/13-20	124-330-30/31-07		
284 x 22	124.030	300E	86-92	001-420-18/19-83	124-421-16-12	000-420-99-20	124-420-13/14-44	124-330-22-25	124-330-04/05-20	124-332-12/13-20	124-330-30/31-07		
284 x 22	124.050	300CE	88-89	001-420-18/19-83	124-421-16-12	000-420-99-20	124-420-13/14-44	124-330-22-25	124-330-04/05-20	124-332-12/13-20	124-330-30/31-07		
284 x 22	124.090	300TE	88-92	001-420-18/19-83	124-421-16-12	000-420-99-20	124-420-13/14-44	124-330-22-25	124-330-04/05-20	124-332-12/13-20	124-330-30/31-07		
284 x 22	201.034	190E-16V	86-87	001-420-18/19-83	124-421-16-12	001-420-07-20	124-420-13/14-44	124-330-22-25	124-330-04/05-20	201-332-10/11-20	201-330-40/41-07		
295 x 22	124.032	E320	93-95	000-420-72/73-83	124-421-15-12	002-420-15-20	124-420-25/26-44	124-330-22-25	124-330-04/05-20	124-332-12/13-20	124-330-34/35-07	B864307	
295 x 22	124.034	E420	1992	000-420-72/73-83	124-421-15-12	002-420-15-20	124-420-27/28-44	129-330-04-25	129-330-02/03-20	129-332-03/04-20	124-330-34/35-07	To MY 1992	
295 x 22	124.051	300CE	90-92	000-420-72/73-83	124-421-15-12	002-420-15-20	124-420-25/26-44	124-330-22-25	124-330-04/05-20	124-332-12/13-20	124-330-34/35-07		
295 x 22	124.052	E320 Cpe	93-95	000-420-72/73-83	124-421-15-12	002-420-15-20	124-420-25/26-44	124-330-22-25	124-330-04/05-20	124-332-12/13-20	124-330-34/35-07	B862121	
295 x 22	124.066	E320 Cnv	93-95	000-420-72/73-83	124-421-15-12	002-420-15-20	124-420-25/26-44	129-330-04-25	129-330-02/03-20	124-332-12/13-20	124-330-34/35-07	B862121	
295 x 22	124.092	E320 Wag	93-95	000-420-72/73-83	124-421-15-12	002-420-15-20	124-420-25/26-44	124-330-22-25	124-330-04/05-20	124-332-12/13-20	124-330-34/35-07	F242721	
294 x 25	124.032	E320	1993-95	001-420-04/05-83	124-421-24-12	002-420-37-20	124-420-25/26-44	124-330-22-25	124-330-04/05-20	124-332-12/13-20	124-330-34/35-07		B864308
294 x 25	124.034	E420	1993-95	001-420-04/05-83	124-421-24-12	002-420-37-20	124-420-27/28-44	129-330-04-25	129-330-02/03-20	129-332-03/04-20	124-330-34/35-07		From MY 1993
294 x 25	124.052	E320 Cpe	93-95	001-420-04/05-83	124-421-24-12	002-420-37-20	124-420-25/26-44	124-330-22-25	124-330-04/05-20	124-332-12/13-20	124-330-34/35-07		B862122
294 x 25	124.066	E320 Cnv	93-95	001-420-04/05-83	124-421-24-12	002-420-37-20	124-420-25/26-44	129-330-04-25	129-330-02/03-20	124-332-12/13-20	124-330-34/35-07		B862122
294 x 25	124.092	E320 Wag	93-95	001-420-04/05-83	124-421-24-12	002-420-37-20	124-420-25/26-44	124-330-22-25	124-330-04/05-20	124-332-12/13-20	124-330-34/35-07		F242722
300 x 28	124.036	E500	1992-94	000-420-79/80-83	124-421-26-12	002-420-15-20	129-420-21/22-44	129-330-04-25	129-330-02/03-20	129-332-03/04-20	124-330-30/31-07	B930494	Alum, Brembo
300 x 28	124.036	E500	1992-94	129-420-00/01-83	124-421-26-12	002-420-15-20	129-420-21/22-44	129-330-04-25	129-330-02/03-20	129-332-03/04-20	124-330-30/31-07	B930494	Iron, ATE
320 x 30	124.036	E500	1992-94	001-420-00/01-83	129-421-17/18-12	002-420-15-20	129-420-18/19-44	129-330-04-25	129-330-02/03-20	129-332-03/04-20	124-330-30/31-07		B930495
Rear													
	<i>Diesels</i>												
258 x 9	124.133	300D	1987	124-420-02/03-83	201-423-12-12	000-420-98-20	202-420-14/15-44	124-350-07-46	202-350-94/95-08				
258 x 9	124.128	300D	90-92	124-420-02/03-83	201-423-12-12	000-420-98-20	202-420-14/15-44	124-350-07-46	202-350-94/95-08				
258 x 9	124.131	E300	1995	124-420-02/03-83	201-423-12-12	000-420-98-20	202-420-14/15-44	124-350-07-46	202-350-94/95-08				
	<i>Gassers</i>												
258 x 9	124.026	300E 2.6	87-92	124-420-02/03-83	201-423-12-12	000-420-98-20	202-420-14/15-44	124-350-07-46	202-350-94/95-08				
258 x 9	124.028	300E 2.8	1993	124-420-02/03-83	201-423-12-12	000-420-98-20	202-420-14/15-44	124-350-07-46	202-350-94/95-08				
258 x 9	124.030	300E	86-92	124-420-02/03-83	201-423-12-12	000-420-98-20	202-420-14/15-44	124-350-07-46	202-350-94/95-08				
258 x 9	124.050	300CE	88-89	124-420-02/03-83	201-423-12-12	000-420-98-20	202-420-14/15-44	124-350-07-46	202-350-94/95-08				
258 x 9	201.034	190E-16V	86-87	124-420-02/03-83	201-423-12-12	000-420-98-20	202-420-14/15-44	124-350-07-46	202-350-94/95-08				
	<i>M104 (24v) models</i>												
278 x 9	124.032	E320	1993-95	129-420-02/03-83	210-423-04-12	001-420-95-20	210-420-14/15-44	124-350-07-46	202-350-94/95-08				
278 x 9	124.051	Coupe		129-420-02/03-83	210-423-04-12	001-420-95-20	210-420-06/07-44	124-350-07-46	202-350-94/95-08				
278 x 9	124.052	Coupe		129-420-02/03-83	210-423-04-12	001-420-95-20	210-420-06/07-44	124-350-07-46	202-350-94/95-08				
278 x 9	124.066	Cabrio	1993-95	129-420-02/03-83	210-423-04-12	001-420-95-20	210-420-06/07-44	124-350-07-46	202-350-94/95-08				
	<i>Wagons</i>												
278 x 9	124.193	300TD	1987	129-420-02/03-83	210-423-04-12	001-420-95-20	210-420-06/07-44	124-350-08-46	124-350-10/11-32				
278 x 9	124.090	300TE	88-92	129-420-02/03-83	210-423-04-12	001-420-95-20	210-420-06/07-44	124-350-08-46	124-350-10/11-32				
278 x 20	124.092	E320	93-95	000-420-74/75-83	124-423-10-12	001-420-95-20	210-420-14/15-44	124-350-08-46	124-350-10/11-32			F323055	
290 x 10	124.092	E320	1995	001-420-47/48-83	124-423-11-12	002-420-46-20	210-420-14/15-44	124-350-08-46	124-350-10/11-32				F323056
	<i>M119 (V8) models</i>												
278 x 24	124.034	E420	1992-95	000-420-82/83-83	124-423-08-12	001-420-95-20	210-420-14/15-44	124-350-07-46	202-350-94/95-08				
278 x 24	124.036	E500	1992-94	000-420-82/83-83	129-423-02-12	001-420-95-20	210-420-14/15-44	129-350-00-46	202-350-94/95-08				
300 x 22	124.036	E500	1992-94	001-420-37/38-83	129-423-03-12	002-420-05-20	210-420-06/07-44	129-350-00-46	202-350-94/95-08	European	models only!		B927761

124_brakes.xls

Size	Chassis	Model	Years	Caliper	Rotor	Brake pads	Splash shield	Hub	Knuckle	Steering Arm	Control Arm	Up to VIN	From VIN	
Front														
284 x 22	124.xxx	Most	1986-92	001-420-18/19-83	124-421-16-12	000-420-99-20	124-420-13/14-44	124-330-22-25	124-330-04/05-20	124-332-12/13-20	124-330-30/31-07			
295 x 22	124.032	E320	1993-95	000-420-72/73-83	124-421-15-12	002-420-15-20	124-420-25/26-44	124-330-22-25	124-330-04/05-20	124-332-12/13-20	124-330-34/35-07	B864307		
294 x 25	124.032	E320	1993-95	001-420-04/05-83	124-421-24-12	002-420-37-20	124-420-25/26-44	124-330-22-25	124-330-04/05-20	124-332-12/13-20	124-330-34/35-07		B864308	
295 x 22	124.034	E420	1992	000-420-72/73-83	124-421-15-12	002-420-15-20	124-420-27/28-44	129-330-04-25	129-330-02/03-20	129-332-03/04-20	124-330-34/35-07	To MY 1992		
294 x 25	124.034	E420	1993-95	001-420-04/05-83	124-421-24-12	002-420-37-20	124-420-27/28-44	129-330-04-25	129-330-02/03-20	129-332-03/04-20	124-330-34/35-07		From MY 1993	
320 x 30	124.034	E420	?	001-420-00/01-83	129-421-17/18-12	002-420-15-20	129-420-18/19-44	129-330-04-25	129-330-02/03-20	129-332-03/04-20	124-330-34/35-07	Euro only!	B938569	
300 x 28	124.036	E500	1992-94	000-420-79/80-83	124-421-26-12	002-420-15-20	129-420-21/22-44	129-330-04-25	129-330-02/03-20	129-332-03/04-20	124-330-30/31-07	B930494		
320 x 30	124.036	E500	1992-94	001-420-00/01-83	129-421-17/18-12	002-420-15-20	129-420-18/19-44	129-330-04-25	129-330-02/03-20	129-332-03/04-20	124-330-30/31-07		B930495	
334 x 32	129.076	SL600	1999-02	001-420-77/78-83	129-421-21-12	003-420-08-20	129-420-18/19-44	129-330-05-25	129-330-02/03-20	129-332-06/07-20	124-330-34/35-07	Without code P30		
334 x 32	129.076	SL600	1999-02	001-99-83, 002-00	129-421-23-12	003-420-08-20	129-420-18/19-44	129-330-05-25	129-330-02/03-20	129-332-06/07-20	124-330-34/35-07	With code P30		
(334mm brakes also used on 129.068, SL500, 1999-2002... same parts as SL600)							Note: Code "P30" is Silver Arrow Edition with cross-drilled brake rotors.							
Rear														
258 x 9	124.133	300D	1987	124-420-02/03-83	201-423-12-12	000-420-98-20	202-420-14/15-44	124-350-07-46	202-350-94/95-08	N/A	N/A			
278 x 9	124.032	E320	1993-95	129-420-02/03-83	210-423-04-12	001-420-95-20	210-420-14/15-44	124-350-07-46	202-350-94/95-08	N/A	N/A			
278 x 20	124.092	E320	93-95	000-420-74/75-83	124-423-10-12	001-420-95-20	210-420-14/15-44	124-350-08-46	124-350-10/11-32	N/A	N/A	F323055		
290 x 10	124.092	E320	1995	001-420-47/48-83	124-423-11-12	002-420-46-20	210-420-14/15-44	124-350-08-46	124-350-10/11-32	N/A	N/A		F323056	
278 x 24	124.034	E420	1992-95	000-420-82/83-83	124-423-08-12	001-420-95-20	210-420-14/15-44	124-350-07-46	202-350-94/95-08	N/A	N/A			
278 x 24	124.036	E500	1992-94	000-420-82/83-83	129-423-02-12	001-420-95-20	210-420-14/15-44	129-350-00-46	202-350-94/95-08	N/A	N/A			
300 x 22	124.036	E500	1992-94	001-420-37/38-83	129-423-03-12	002-420-05-20	210-420-06/07-44	129-350-00-46	202-350-94/95-08	N/A	N/A	Euro Only!	B927761	
				PORTERFIELD BRAKE PADS										
				Front size	Porterfield part #	Price (R4-S)			Rear size	Porterfield part #	Price (R4-S)			
				284 x 22	AP-423	\$110			258 x 9	AP-335b	\$69			
				294 x 25	AP-561	\$139			278 x 9	AP-495	\$79			
				295 x 22	AP-561	\$139			278 x 24	AP-495	\$79			
				300 x 28	AP-561	\$139			300 x 22	AP-603	\$119			
				320 x 30	AP-561	\$139								
				334 x 32	AP-847	\$195								
				Front lower control arm bushings:										
				2/7/07										
				List Pr.										
				\$100/ea	124-330-05-75	Up to B711095	Standard							
				\$100/ea	124-330-06-75	From B711096	Standard							
				\$102/ea	201-330-01-75	Up to B711095	Sportline							
				\$102/ea	124-330-09-75	B711095-C018227	Sportline	<-- This kit has the same bushings as the 201- kit, but with different hardware						
				\$100/ea	124-330-06-75	From C018227	Sportline	<-- Late Sportline models reverted to the soft/standard rubber bushings.						

Size, inches	Size, millimeters	
		Front
10.2	284 x 22	Almost every 124 from 1986-1992, plus diesels & wagons from 86-95
11.6	295 x 22	All 124's from roughly 92-93, except diesel, and 2.8L M104
11.6	294 x 25	93-95 400E, E420; 1993.5-up with 3.2L M104 engine
11.8	300 x 28	Early 500E, all SL320, and early SL500 (90-93??)
12.6	320 x 30	1993-98 SL600, 1994-98 SL500 - Directional rotors - Not sure on SL500 year range
13.1	334 x 32	1999-02 SL500 (129.068), SL600 (129.076) - Non-directional rotors, Brembo calipers
		<i>Note: 334mm brakes will fit the W124 if the R129 knuckle & hub are used, OR the late L.C.A. This is a great upgrade for E420/E500 - these already have the R129 parts. Also, the "Silver Arrow" models (code P30) have factory cross-drilled rotors.</i>
		Rear
10.1	258 x 9	All M103 sedans (86-92), all diesels (87-95), and M104 2.8L (1993)
11	278 x 9	All wagons 87-92, coupe/convertible (124.05x, .06x) and 93-95 M104 sedan (.032)
11	278 x 20	1993-95 E320 wagon (124.092) up to 03/95 (vented)
11.4	290 x 10	1995 E320 wagon (124.092) as of 04/95 (solid)
11	278 x 24	All V8 models: 1992-1995 400E, E420 (124.034) and 500E, E500 (124.036)
11.8	300 x 22	Euro 124.036 from VIN#B927761; SL500/600, C43, CLK/E55, SLK320 AMG
		<i>Note: The 300mm rear calipers from the Euro E500 and SL500/SL600 are also used on the C43, CLK55, E55, and SLK 320 AMG models; should also be on the E430 4-Matic (W210).</i>
		<i>Also note that there are two different piston sizes for the 300mm rear calipers!</i>

Note: Data in red indicates conflicting information between Mercedes EPC (parts) and WIS (service) info								
FRONT	BRAKES			Note 1	Note 2		<i>StopTech</i>	<i>MovIt</i>
	295 x 22	294 x 25	300 x 28	320 x 30	320 x 30	334 x 32	355 x 32	
Bottom piston:	38	38	38	38	40	40	?	36
Top piston:	42	42	42	42	44	44	?	44
Note 1: Used on all 129.076 (SL600), also 129.063 (SL320) with ESP								
Note 2: Used only on late 124.036 (E500)??? I think this may be an error - may be 38/42mm.								
REAR	BRAKES			Note 1	Note 2			
	258 x 9	278 x 9	278 x 24	300 x 22	300 x 22			MovIt
Piston diam:	35	38	38	42	46			28/30
Note 1: Used on 129.067/068 (SL500) w/ESP (Bendix "42"), 129.076 (SL600) Teves Also used on 202.033 (C43), 208.374 (CLK55), 210.074 (E55)								
Note 2: Used on Euro model 124.036 (E500), and all 129.076 (SL600) - Bendix "46"								
The EPC shows both the 42 and 46mm calipers and rebuild kits for the late E500 and all SL600, the WIS says they only came with 46mm, I don't know which is correct - can't tell what they came with from the factory. I suspect they originally came with 46, and 42mm calipers were later offered as a replacement?								
Also, the WIS documentation shows the late E500 front 320mm brakes as having 40/44mm pistons, but the data in the EPC conflicts, listing a 38/42mm rebuild kit. I can't tell which is correct until I get a 320mm caliper in-hand to measure.								
When swapping larger brakes onto any W124 with the stock M/C, it may be desirable to use rear 300mm calipers with 42mm pistons, which may be a better match to the smaller M/C?? Otherwise the late Euro E500 (SL600 & W140) M/C might be desirable, it does fit the old boosters.								
<i>One kit required per caliper</i>								
Rebuild Kits:			<i>List prices, February 2007</i>					
000-420-81-83	Brembo	38 / 42	\$28 each					
000-421-71-86	ATE	38 / 42	\$54 each					
000-421-94-86	Brembo	40 / 44	\$31 each					
000-421-72-86	ATE	38	\$36 each		(82/83-83)			
000-421-78-86	Bendix	42	\$19 each		(37/38-83)			
001-420-08-83	Bendix	46	?		(06/07-83)			

		Prices for OE parts are approximate dealer wholesale as of February 2007.				
		Prices on Zimmerman/ATE rotors are from buymbparts.com, 2/7/2007				
		Call Rusty for current OE pricing or for aftermarket rotor pricing.				
		http://www.buymbparts.com				
		FRONT ROTORS				
<i>Zim</i>	<i>ATE</i>	Price	Part number	Size	Rear friction surface to back side of flange	Notes
<i>Drilled</i>	<i>P.D.</i>					
\$71	\$50	\$44.00	124-421-16-12	284 x 22	38mm	standard size
\$96	\$71	\$56.00	124-421-24-12	294 x 25	44mm	E420 & E320
\$90	n/a	\$54.40	124-421-26-12	300 x 28	38mm	Early 500E/SL500, all SL320 (?)
\$90	\$79	\$73.60	129-421-20-12	300 x 28	38mm	Alternate rotor for above?
n/a	n/a	\$73.60	129-421-17/18-12	320 x 30	43mm	Late 500E/SL500, all SL600
n/a	n/a	\$83.20	129-421-21-12	334 x 32	44mm	Late SL500/SL600 (non-drilled)
n/a	n/a	\$83.20	129-421-23-12	334 x 32	44mm	Silver Arrow models (drilled)
		<i>Front splash shields</i>				
		\$60.80	124-420-25/26-44	294 x 25	n/a	For W124 hub & knuckle (6 cyl)
		\$60.80	124-420-27/28-44	294 x 25	n/a	For R129 hub & knuckle (V8)
		\$57.60	129-420-21/22-44	300 x 28	n/a	For R129 hub & knuckle (V8)
		\$57.60	129-420-18/19-44	320 x 30	n/a	For R129 hub & knuckle (V8)
		Notes for front rotors:				
		25/26-44 shield should work with W124 hub/knuckle and 300mm rotor				
		E420 (294mm) and E500 (320mm) rotors WILL NOT fit early Lower Control Arms & 124 hubs				
		E420/E500 (294/320mm) brakes require either late model LCA, *or* R129 knuckle+hub, or both				
		Early 500E 300mm calipers are aluminum Brembos, the SL320/SL500 300mm calipers are iron ATE				
		Late SL500/600 (334mm) brakes are aluminum Brembo and fit R129 hubs - 17" wheels required				
		REAR ROTORS				
<i>Zim</i>	<i>ATE</i>	Price	Part number	Size		Notes
<i>Drilled</i>	<i>P.D.</i>					
\$54	n/a	\$44.00	210-423-04-12	278 x 9		86-92 wagons, cars w/M104
n/a	n/a	\$40.00	124-423-11-12	290 x 10		Late 1995 wagons
n/a	n/a	\$57.60	124-423-10-12	278 x 20		1993 through early 95 wagons
n/a	n/a	\$57.60	124-423-08-12	278 x 24		E420
n/a	n/a	\$62.40	129-423-02-12	278 x 24		E500 (2mm thicker, R129 hub)
n/a	n/a	\$60.00	129-423-03-12	300 x 22		E500 Euro, SL500/SL600
n/a	n/a	\$81.60	129-423-05-12	300 x 22		Silver Arrow models (drilled)
		<i>Rear splash shields</i>				
		\$34.00	202-420-14/15-44	258		258mm rotors only
		\$34.00	210-420-14/15-44	278-300		278-300mm rear rotors
		\$27.60	210-420-06/07-44	278-290	Part # may have rolled	278-290mm, wagons & coupes
		Notes for rear rotors:				
		Splash shield replacement requires pulling the rear hub - not a DIY job, very expensive to pay a shop				
		The stock rear shield can be cut for clearance - see the URL below for details:				
		http://www.2phast.com/190E/brakes.htm				
		Front Lower Control Arms (LCA)				
		Price (EA)	Part number			Notes
		\$283	124-330-30/31-07		Early, stock	Won't fit 294mm or 320mm
		\$287	201-330-40/41-07		Early, Sportline	without R129 hub+knuckle
		\$359	124-330-34/35-07		Late, stock	Has ball joint welded in, it can
		\$359	124-330-36/37-07		Late, Sportline	not be replaced!