

Make **BMW**

Since Oct 2010, ATS silent discs are used for the standard LSD & Delforce LSD

Model	Year	Chassis	Engine	Trim	Section	Replacement Diff	Standard			Silent LSD			Carbon LSD (1st generation)					
							T (at the end of part #) -reinforced internal gears.						New generation metal LSD w/o chattering noise. 82mm/87mm disc - 45 & 55 degree cam			Ultra smooth and quiet operation		
							D20 - Stronger LSD w/ 20 internal discs						95mm/109mm disc - 45 & 60 degree cam					
Parts number	Retail price	Note	Parts number	Retail price	Note	Parts number	Retail price	Note	Parts number	Retail price	Note							
1 Series	04-	116i	4-DOHC	1596cc	R		RBRA(B)8730	\$1,469.43	#4	SBRA(B)8730	\$1,544.00	#4	CBRA(B)8730	\$1,988.57	#4			
							RBRA(B)8731 (D20)	\$1,519.14	#4									
		118i	4-DOHC	1995cc	R		RBRA(B)8730	\$1,469.43	#4	SBRA(B)8730	\$1,544.00	#4	CBRA(B)8730	\$1,988.57	#4			
							RBRA(B)8731 (D20)	\$1,519.14	#4									
3 Series	89-90	318i	4-DOHC	1795cc	R		RBRA(B)8731 (D20)	\$1,469.43	#4	SBRA(B)8730	\$1,544.00	#4	CBRA(B)8730	\$1,988.57	#4			
							RBRA(B)8740	\$1,469.43	#4	SBRA(B)8740	\$1,544.00	#4	CBRA(B)8740	\$1,988.57	#4			
		320i	4-DOHC	1990cc	R		RBRA(B)8741 (D20)	\$1,519.14	#4	SBRA(B)8711	\$1,544.00	#4	CBRA(B)8711	\$1,988.57	#4			
							RBRA(B_D)8711	\$1,469.43	#4	SBRA(B_D)8711	\$1,544.00	#4	CBRA(B_D)8711	\$1,988.57	#4			
E30	83-90	320i	6-SOHC	1990cc	R		RBRA(B_D)8712 (D20)	\$1,519.14	#4	SBRA(B)8711	\$1,544.00	#4	CBRA(B)8711	\$1,988.57	#4			
							RBRA(B_D)8711	\$1,469.43	#4	SBRA(B)8711	\$1,544.00	#4	CBRA(B_D)8711	\$1,988.57	#4			
							RBRA(B_D)8712 (D20)	\$1,519.14	#4	SBRA(B)8711	\$1,544.00	#4	CBRA(B_D)8711	\$1,988.57	#4			
							RBRA(B_D)8711	\$1,469.43	#4	SBRA(B)8711	\$1,544.00	#4	CBRA(B_D)8711	\$1,988.57	#4			
							RBRC8711	\$1,593.71	1 way			CBRC8711	\$2,127.86	1 way				
							RBRC8712 (D20)	\$1,643.43	1 way									
E36	93-	318is	4-DOHC	1795cc, 1895cc	R		RBRA(B)9521	\$1,583.71	#1	SBRA(B)9521	\$1,658.29	#1	CBRA(B)9521	\$2,020.00	#1			
							RBRA(B_D)8711	\$1,469.43	#4	SBRA(B)8711	\$1,544.00	#4	CBRA(B_D)8711	\$1,988.57	#4			
							RBRA(B_D)8712 (D20)	\$1,519.14	#4									
							RBRC8711	\$1,593.71	1 way			CBRC8711	\$2,127.86	1 way				
	90-	320i	6-DOHC	1991cc	R		RBRC8712 (D20)	\$1,643.43	1 way									
							RBRA(B)9521	\$1,583.71	#1	SBRA(B)9521	\$1,658.29	#1	CBRA(B)9521	\$2,020.00	#1			
	96-	323i	6-DOHC	2494cc	R													
							RBRA(B)9521	\$1,583.71	#1	SBRA(B)9521	\$1,658.29	#1	CBRA(B)9521	\$2,020.00	#1			
	90-95	325i	6-DOHC	2493cc	R													
							RBRA(B)9521	\$1,583.71	#1	SBRA(B)9521	\$1,658.29	#1	CBRA(B)9521	\$2,020.00	#1			
96-	328i	6-DOHC	2793cc	R														
						RBRA(B)9521	\$1,583.71	#1	SBRA(B)9521	\$1,658.29	#1	CBRA(B)9521	\$2,020.00	#1				
93-95	M3	6-DOHC	2990cc	R														
						RBRB(A)9511	\$1,550.57		SBRA(B)9511	\$1,544.00		CBRA(B)9511	\$2,020.00					
E46	98-	318i / 318ci / 320i	4-DOHC	3201cc	R		RBRA(B)10910	\$1,615.14		N/A			CBRA(B)10910	\$2,051.43	#3			
							RBRA(B)8730	\$1,469.43	#4	SBRA(B)8730	\$1,544.00	#4	CBRA(B)8730	\$1,988.57	#4			
	00-	323i / 325i / 328i / 330i	6-DOHC	2493cc / 2793cc	R		RBRA(B)8731 (D20)	\$1,519.14	#4									
							RBRA(B)8740	\$1,469.43	#4	SBRA(B)8740	\$1,544.00	#4	CBRA(B)8740	\$1,988.57	#4			
5 Series	81-88	525i	6-DOHC	3200cc	R		RBRA(B)8741 (D20)	\$1,519.14	#2	N/A			CBRA(B)10910	\$2,051.43	#2			
							RBRA(B)9521	\$1,583.71	#1	SBRA(B)9521	\$1,658.29	#1	CBRA(B)9521	\$2,020.00	#1			
E28	81-88	535i	6-DOHC	2500cc	R		RBRA(B)10910	\$1,615.14	#2	N/A			CBRA(B)10910	\$2,051.43	#2			
							RBRA(B)9521	\$1,583.71	#1	SBRA(B)9521	\$1,658.29	#1	CBRA(B)9521	\$2,020.00	#1			
E34	88-95	525i	6-DOHC	2500cc	R		RBRA(B)9521	\$1,583.71	#1	SBRA(B)9521	\$1,658.29	#1	CBRA(B)9521	\$2,020.00	#1			
							RBRA(B)9521	\$1,583.71	#1	SBRA(B)9521	\$1,658.29	#1	CBRA(B)9521	\$2,020.00	#1			
Z3	96-	Z3	4-DOHC	1895cc	R		RBRA(B)9521	\$1,583.71	#1	SBRA(B)9521	\$1,658.29	#1	CBRA(B)9521	\$2,020.00	#1			
							RBRA(B_D)8711	\$1,469.43	#4	SBRA(B)8711	\$1,544.00	#4	CBRA(B_D)8711	\$1,988.57	#4			
						RBRA(B_D)8712 (D20)	\$1,519.14	#4										
						RBRC8711	\$1,593.71	1 way			CBRC8711	\$2,127.86	1 way					
						RBRC8712 (D20)	\$1,643.43	1 way										
Z4 E85	03-	2.2i	6-DOHC	2200cc	R		RBRA(B)9521	\$1,583.71	#1	SBRA(B)9521	\$1,658.29	#1	CBRA(B)9521	\$2,020.00	#1			
							RBRA(B)8730	\$1,469.43	#4	SBRA(B)8730	\$1,544.00	#4	CBRA(B)8730	\$1,988.57	#4			
						RBRA(B)8731 (D20)	\$1,519.14	#4										
E87	05-	116i	4-DOHC	1596cc	R		RBRA(B)8740	\$1,469.43	#4	SBRA(B)8740	\$1,544.00	#4	CBRA(B)8740	\$1,988.57	#4			
							RBRA(B)8741 (D20)	\$1,519.14	#4									
E90	05-	320i / 323i	4-DOHC	2200cc	R		RBRA(B)8730	\$1,469.43	#4	SBRA(B)8730	\$1,544.00	#4	CBRA(B)8730	\$1,988.57	#4			
							RBRA(B)8731 (D20)	\$1,519.14	#4									
		325i / 330i	4-DOHC	1995cc	R		RBRA(B)8730	\$1,469.43	#4	SBRA(B)8730	\$1,544.00	#4	CBRA(B)8730	\$1,988.57	#4			
							RBRA(B)8731 (D20)	\$1,519.14	#4									
E92	08-	M3	4-DOHC	4000cc	R		RBRA(B)8730	\$1,469.43	#4	SBRA(B)8730	\$1,544.00	#4	CBRA(B)8730	\$1,988.57	#4			
							RBRA(B)8740	\$1,469.43	#4	SBRA(B)8740	\$1,544.00	#4	CBRA(B)8740	\$1,988.57	#4			
Mini	06-	R56 / MF16S	4-DOHC	1600cc	F		RBRA(B)8741 (D20)	\$1,519.14	#4	SBRA(B)8741	\$1,544.00	#4	CBRA(B)8741	\$1,988.57	#4			
							RBRA(B)10910	\$1,615.14	#3	N/A			CBRA(B)10910	\$2,051.43	#3			
						RBF8710	\$1,278.00		SBF8710	\$1,352.57								

Note  
 #1: Another ATS LSD could fit for this vehicle. Please refer to ATS.  
 #2: Side flanges (left & right) for E36 M3 (3.2 liter) are required  
 #3: Additional right side flange is required and the both side flanges has to be modified. Please refer to ATS  
 #4: The stock side bearing is to be re-used. (Sourcing new stock side bearing is difficult.)

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Model	Year	Chassis	Engine	Trim	Section	Replacement Diff	Carbon Hybrid			Carbon LSD Spec II			Carbon LSD Spec III, Spec IV			
							Higher initial torque 12kg - 15kg Last 4 digits indicates the combination and the initial torque			Ultra high response Higher initial torque 10kg to 11kg			Ultra high response Higher initial torque 15kg (III), 20kg (IV)			
							Parts number	Retail price	Note	Parts number	Retail price	Note	Parts number	Retail price	Note	
							A: 2 way, B: 1.5 way, C: 1 way, D: 1.8 way				A: 2 way, B: 1.5 way, C: 1 way, D: 1.8 way					
1 Series	04-	116i	4-DOHC	1596cc	R		CBRA(B)8730-HB42	\$1,895.71	#4				CBRA(B)87G30 III	\$2,155.71	#4	
													CBRA(B)87F30 IV	\$2,239.29	#4	
		118i	4-DOHC	1995cc	R		CBRA(B)8730-HB42	\$1,895.71	#4				CBRA(B)87G30 III	\$2,155.71	#4	
													CBRA(B)87F30 IV	\$2,239.29	#4	
		120i	4-DOHC	1995cc	R		CBRA(B)8730-HB42	\$1,895.71	#4				CBRA(B)87G30 III	\$2,155.71	#4	
													CBRA(B)87F30 IV	\$2,239.29	#4	
		130i	6-DOHC	2996cc	R		CBRA(B)8740-HB42	\$1,895.71					CBRA(B)87G40 III	\$2,155.71		
													CRRA(B)87F40 IV	\$2,239.29		
3 Series E30	89-90	318i	4-DOHC	1795cc	R		CBRA(B, D)8711-HB42	\$1,895.71					CBRA(B, D)87G11 III	\$2,155.71		
													CBRA(B, D)87F11 IV	\$2,239.29		
							CBRC8711-HB42	\$2,035.00	1 way					CBRC87G11 III	\$2,295.00	1 way
														CBRC87F11 IV	\$2,378.57	1 way
	83-90	320i	6-SOHC	1990cc	R		CBRA(B)9521-HB42	\$1,927.14	#1				CBRA(B)95G21 III	\$2,187.14	#1	
														CBRA(B)95F21 IV	\$2,270.71	#1
83-87	323i	6-SOHC	2315cc	R		CBRA(B)9521-HB42	\$1,927.14					CBRA(B)95G21 III	\$2,187.14			
													CBRA(B)95F21 IV	\$2,270.71		
85-90	325i	6-SOHC	2493cc	R		CBRA(B)9521-HB42	\$1,927.14					CBRA(B)95G21 III	\$2,187.14			
													CBRA(B)95F21 IV	\$2,270.71		
85-90	M3	4-DOHC	2302cc	R		CBRA(B)9521-HB42	\$1,927.14					CBRA(B)95G21 III	\$2,187.14			
													CBRA(B)95F21 IV	\$2,270.71		
E36	93-	318is	4-DOHC	1795cc, 1895cc	R		CBRA(B, D)8711-HB42	\$1,895.71					CBRA(B, D)87G11 III	\$2,155.71		
													CBRA(B, D)87F11 IV	\$2,239.29		
							CBRC8711-HB42	\$2,035.00	1 way					CBRC87G11 III	\$2,295.00	1 way
														CBRC87F11 IV	\$2,378.57	1 way
	90-	320i	6-DOHC	1991cc	R		CBRA(B)9521-HB42	\$1,927.14	#1				CBRA(B)95G21 III	\$2,187.14	#1	
														CBRA(B)95F21 IV	\$2,270.71	#1
	96-	323i	6-DOHC	2494cc	R		CBRA(B)9521-HB42	\$1,927.14					CBRA(B)95G21 III	\$2,187.14		
														CBRA(B)95F21 IV	\$2,270.71	
	90-95	325i	6-DOHC	2493cc	R		CBRA(B)9521-HB42	\$1,927.14					CBRA(B)95G21 III	\$2,187.14		
														CBRA(B)95F21 IV	\$2,270.71	
96-	328i	6-DOHC	2793cc	R		CBRA(B)9521-HB42	\$1,927.14					CBRA(B)95G21 III	\$2,187.14			
													CBRA(B)95F21 IV	\$2,270.71		
93-95	M3	6-DOHC	2990cc	R		CBRA(B)9511-HB42	\$1,927.14					CBRA(B)95G11 III	\$2,187.14			
													CBRA(B)95F11 IV	\$2,270.71		
96-	M3	6-DOHC	3201cc	R		CBRA(B)10910-HB42	\$1,958.57					CBRA(B)109G10 III	\$2,218.57			
													CBRA(B)109F10 IV	\$2,302.14		
E46	98-	318i / 318ci / 320i	4-SOHC 318	1895cc 318	R		CBRA(B)8730-HB42	\$1,895.71	#4				CBRA(B)87G30 III	\$2,155.71	#4	
		318i / 318ti	6-DOHC 320	1990cc 320									CBRA(B)87F30 IV	\$2,239.29	#4	
	00-	323i / 325i / 328i / 330i	6-DOHC	2493cc / 2793cc / 2979cc	R		CBRA(B)8740-HB42	\$1,895.71					CBRA(B)87G40 III	\$2,155.71		
													CRRA(B)87F40 IV	\$2,239.29		
01-	M3	6-DOHC	3200cc	R		CBRA(B)10910-HB42	\$1,958.57	#2				CBRA(B)109G10 III	\$2,218.57	#2		
													CBRA(B)109F10 IV	\$2,302.14	#2	
5 Series	81-88	525i	6-DOHC	2500cc	R		CBRA(B)9521-HB42	\$1,927.14					CBRA(B)95G21 III	\$2,187.14		
													CBRA(B)95F21 IV	\$2,270.71		
E28	81-88	535i	6-DOHC	2500cc	R		CBRA(B)9521-HB42	\$1,927.14					CBRA(B)95G21 III	\$2,187.14		
													CBRA(B)95F21 IV	\$2,270.71		
E34	88-95	525i	6-DOHC	2500cc	R		CBRA(B)9521-HB42	\$1,927.14					CBRA(B)95G21 III	\$2,187.14		
													CBRA(B)95F21 IV	\$2,270.71		
		535i	6-DOHC	3500cc	R		CBRA(B)9521-HB42	\$1,927.14					CBRA(B)95G21 III	\$2,187.14		
													CBRA(B)95F21 IV	\$2,270.71		
Z3	96-	Z3	4-DOHC	1895cc	R		CBRA(B)8711-HB42	\$1,895.71					CBRA(B, D)87G11 III	\$2,155.71		
													CBRA(B, D)87F11 IV	\$2,239.29		
							CBRC8711-HB42	\$2,035.00	1 way					CBRC87G11 III	\$2,295.00	1 way
													CBRC87F11 IV	\$2,378.57	1 way	
	97-	Z3	6-DOHC	2800cc	R		CBRA(B)9521-HB42	\$1,927.14					CBRA(B)95G21 III	\$2,187.14		
													CBRA(B)95F21 IV	\$2,270.71		
Z4 E85	03-	2.2i	6-DOHC	2200cc	R		CBRA(B)8730-HB42	\$1,895.71	#4				CBRA(B)87G30 III	\$2,155.71	#4	
													CBRA(B)87F30 IV	\$2,239.29	#4	
		2.5i / 3.0i	6-DOHC	2500cc / 3000 cc	R		CBRA(B)8740-HB42	\$1,895.71					CBRA(B)87G40 III	\$2,155.71		
													CRRA(B)87F40 IV	\$2,239.29		
E87	05-	116i	4-DOHC	1596cc	R		CBRA(B)8730-HB42	\$1,895.71	#4				CBRA(B)87G30 III	\$2,155.71	#4	
													CBRA(B)87F30 IV	\$2,239.29	#4	
		118i / 120i	4-DOHC	1995cc	R		CBRA(B)8730-HB42	\$1,895.71	#4				CBRA(B)87G30 III	\$2,155.71	#4	
													CBRA(B)87F30 IV	\$2,239.29	#4	
E90	05-	320i / 323i	4-DOHC	2200cc	R		CBRA(B)8730-HB42	\$1,895.71	#4				CBRA(B)87G30 III	\$2,155.71	#4	
													CBRA(B)87F30 IV	\$2,239.29	#4	
		325i / 330i	6-DOHC	2500cc / 3000 cc	R		CBRA(B)8740-HB42	\$1,895.71					CBRA(B)87G40 III	\$2,155.71		
													CRRA(B)87F40 IV	\$2,239.29		
E92	08-	M3	V8	4000cc	R		CBRA(B)10910-HB42	\$1,958.57	#3				CBRA(B)109G10 III	\$2,218.57	#3	
													CBRA(B)109F10 IV	\$2,302.14	#3	
Mini	06-	R56 / MF16S	4-DOHC	1600cc	F		CBFB8710-HB42	\$1,586.43					CBFA(B)87G10 III	\$1,679.29		
													CBFA(B)87F10 IV	\$1,679.29		

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