

PLAINTIFF'S EXHIBIT

MAR-438

L I S T P R I C E C A T A L O G



GRIZZLY

BRAKE LINING

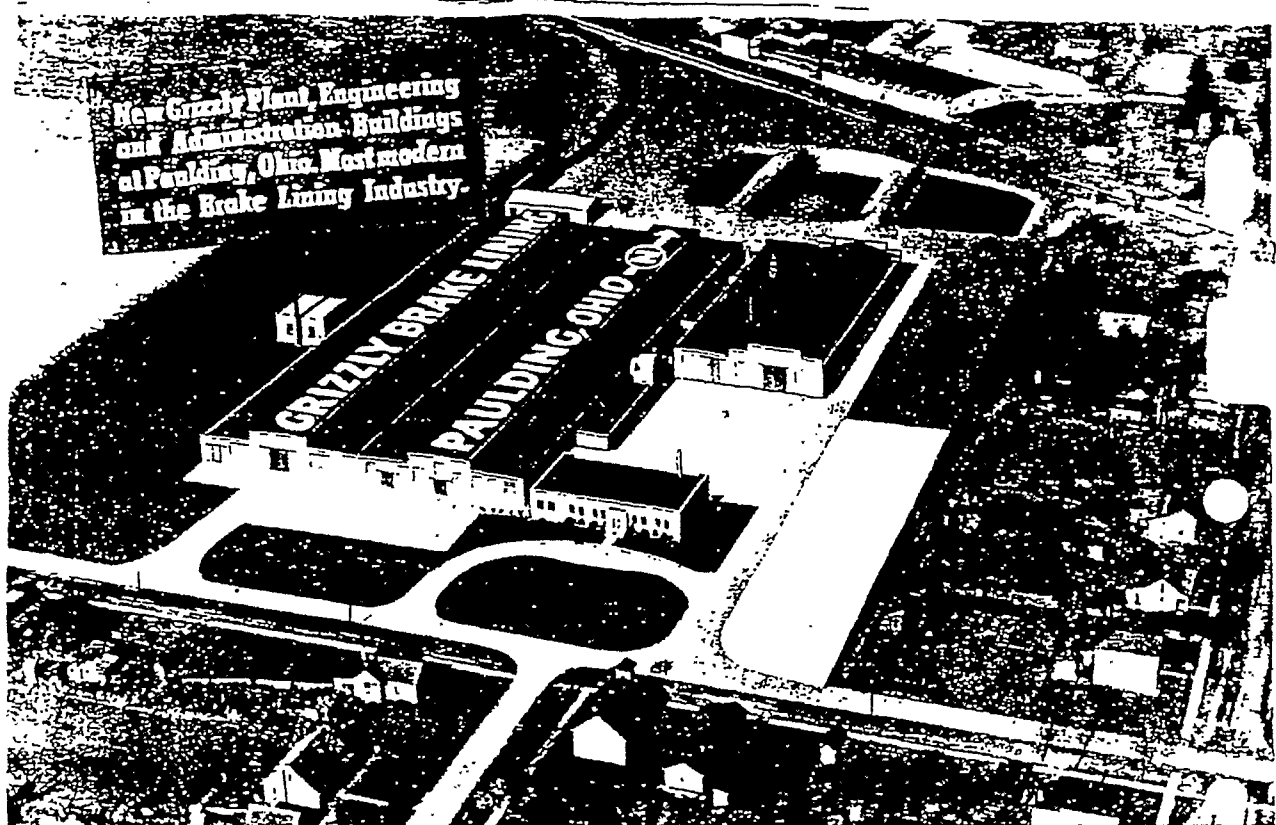
ROLLS, SEGMENTS, SETS & BLOCKS

FORM NO. 29-BL-48 EFFECTIVE MAY 26, 1948. SUPERSEDES ALL PREVIOUS PRICE LISTS

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Intensive study and research, engineering and development, to determine and fulfill Brake Lining requirements have been carried on by Grizzly through 32 years.

This consistent and conscientious effort has kept Grizzly products constantly in step with automotive progress and has established Grizzly's dependably fine quality among Brake Lining users everywhere.

Although the Grizzly products listed in this catalog concern only automotive and allied applications, Grizzly Brake Linings have long been widely favored in industrial fields. Here, as in the automotive field, the durability and stamina of Grizzly Brake Linings are accepted facts.

Grizzly Brake Linings are guaranteed to deliver superior performance in any phase of Brake Lining Service.

CATALOG AND PRICE LIST No. 29-BL-48

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BEAR IN MIND... ask for



GRIZZLY BRAKE LINING

**The Finest Product of
the Brake Lining Industry...in SETS, BLOCKS
ROLLS and SEGMENTS**

Quicker, smoother stops! Astonishing freedom from adjustment! Lower cost per mile of service!

These advantages — resulting in maximum safety, satisfaction and economy — are yours when you reline with Grizzly, the "Finest Product of the Brake Lining Industry!"

Grizzly is an all moulded asbestos-friction compound, moulded under hundreds of tons of pressure and cured under scientifically controlled extreme heat. It is then ground with utmost precision to the exact specifications of vehicle manufacturers' blue prints.

There is no metal in wearing surface! There are no plies or laminations. Grizzly Brake Lining is non-absorbent and non-abrasive — grit and sand will not become imbedded in it and drum wear is reduced to absolute minimum.

Grizzly Brake Lining is a solid, mass material, moulded upon a strong wire grid foundation. It will not separate, swell, pull off or work loose, and Grizzly retains the same high co-efficient of friction throughout its entire thickness and life!

These are the factors that make Grizzly Brake Lining the "Finest Product of the Brake Lining Industry" and assure Grizzly users of superior braking performance and longer wear on any type of automotive vehicle under all conditions of service!



GRIZZLY BRAKE LINING

Base List Prices, Widths and Thicknesses of **GRIZZLY BRAKE LINING** and a Guide to this Catalog

IMPORTANT: The following applies to all List Price tables in this book:

Roll Lining: Available in widths of 6" and in thicknesses of $\frac{1}{2}$ " or LESS. All thicknesses LESS THAN $\frac{1}{2}$ " are made only in 25 foot rolls; $\frac{3}{4}$ " thicknesses are made only in 15 foot rolls. These roll lengths apply regardless of width.

Block Segments: Available in widths of 8" and under in all thicknesses up to 1".

Oversizes: 1 $\frac{1}{2}$, 1 $\frac{3}{4}$, 2 and 2 $\frac{1}{4}$ x $\frac{1}{4}$ " are available .0175 oversize at no additional cost. Specify width x .205" when ordering.

Intermediate Sizes: On intermediate widths and thicknesses, the List Price of the next larger size applies.

In ROLLS

In BLOCKS and SEGMENTS

List Price per Foot

Width	Thickness—Inches				
	5/32 or less	3/16	1/4	5/16	3/8
1	\$0.54	\$0.60	\$0.96	\$1.02	\$1.23
1 $\frac{1}{4}$	.63	.72	1.08	1.23	1.53
1 $\frac{1}{2}$	.72	.78	1.20	1.38	1.77
1 $\frac{3}{4}$	.87	.90	1.29	1.65	2.01
2	.96	.99	1.35	1.77	2.19
2 $\frac{1}{4}$	1.20	1.20	1.59	2.07	2.58
2 $\frac{1}{2}$	1.35	1.35	1.80	2.28	2.76
2 $\frac{3}{4}$	1.41	1.50	1.98	2.52	3.09
3	1.53	1.56	2.01	2.64	3.15
3 $\frac{1}{4}$	1.65	1.80	2.28	2.91	3.51
3 $\frac{1}{2}$	1.80	1.92	2.31	3.09	3.84
3 $\frac{3}{4}$	1.95	2.10	2.73	3.42	4.05
4	2.07	2.25	2.76	3.51	4.11
4 $\frac{1}{4}$	2.19	2.40	3.15	3.96	4.68
4 $\frac{1}{2}$	2.28	2.52	3.30	4.17	4.92
4 $\frac{3}{4}$	2.45	2.64	3.51	4.41	5.16
5	2.58	2.76	3.60	4.47	5.19
5 $\frac{1}{4}$	2.73	2.97	3.96	4.83	5.82
5 $\frac{1}{2}$	2.88	3.09	4.05	5.07	6.06
5 $\frac{3}{4}$	2.97	3.30	4.23	5.28	6.33
6	3.15	3.36	4.26	5.31	6.39

List Price per Foot

Width	Thickness—Inches				
	1/2	5/8	3/4	7/8	1
Note: Block Segments must be made to required Drum Diameter; up to $\frac{3}{4}$ " thickness not to exceed 18 $\frac{1}{2}$ " in length, over $\frac{1}{4}$ " thickness not to exceed 13" in length.					
2	\$2.91	\$3.48	\$4.11	\$4.83	\$5.55
2 $\frac{1}{4}$	3.30	3.99	4.68	5.46	6.21
2 $\frac{1}{2}$	3.69	4.29	5.16	6.06	6.87
2 $\frac{3}{4}$	4.05	4.74	5.73	6.66	7.59
3	4.41	5.16	6.21	7.20	8.25
3 $\frac{1}{4}$	4.77	5.61	6.75	7.86	8.97
3 $\frac{1}{2}$	5.19	6.06	7.26	8.40	9.63
3 $\frac{3}{4}$	5.55	6.48	7.74	9.00	10.35
4	5.88	6.87	8.25	9.63	10.98
4 $\frac{1}{4}$	6.27	7.38	8.79	10.23	11.70
4 $\frac{1}{2}$	6.66	7.74	9.30	10.83	12.42
4 $\frac{3}{4}$	6.99	8.19	9.84	11.43	13.14
5	7.38	8.58	10.35	12.00	13.80
5 $\frac{1}{4}$	7.74	9.00	10.83	12.69	14.46
5 $\frac{1}{2}$	8.07	9.45	11.34	13.32	15.12
5 $\frac{3}{4}$	8.46	9.90	11.94	13.86	15.84
6	8.79	10.35	12.39	14.46	16.50

Grizzly Syncro Roll Lining

Low Friction

When ordering specify Grizzly Syncro Roll Lining—Low Friction. Supplied only in the sizes listed.

Size	List Price Per Foot
1-1/2 x 3-16	\$0.78
1-1/2 x .205	.78
1-3/4 x 3-16	.90
1-3/4 x .205	.90
2 x 3-16	.99
2 x .205	.99
2-1/4 x 3-16	1.20
2-1/4 x .205	1.20

Grizzly Brake Lining Segments

For External Transmission Brakes

For Application Data See Page 38

Stock No.	Specifications	List Price Per Roll
ETB 1	10 Segments size 2 x 5-32 x 17-1/16" to fit 6" drum (in roll)	\$15.00
ETB 2	10 Segments size 2 x 5-32 x 21-3/8" to fit 6" drum (in roll)	18.90
ETB 3	10 Segments size 2 $\frac{1}{2}$ x 5-32 x 24-7/8" to fit 7" drum (in roll)	31.05

TWO QUICK REFERENCE FEATURES

By Make and Model of Car

Complete requirements for virtually all cars since 1934, showing set-numbers for both axles and availability in Drilled Syncro-Sets or Multiple Coverage Segments. See pages 7 to 19.

Grizzly Time Saver

Arranged by B.L.M.A. Numbers Shows instantly complete requirements, list prices, and availability in Drilled Syncro-Sets or Multiple Coverage Segments. See Page 27.

REFERENCE MARKS AND SPECIAL NOTES

The double asterisk () denotes 4000 Series B.L.M.A. numbers which can be serviced from roll lining—See Page 39.

D—The letter "D" following any B.L.M.A. number denotes such sets furnished properly drilled and counter-sunk.

Special Notes explaining other reference marks will be found at the bottom of the page or at the bottom of the table in which the mark appears



BEAR IN MIND... ask for



Individually Boxed Drilled Syncro Sets for Passenger Cars and Trucks

Packaged for utmost convenience and protection in handling and stocking.

All sets on this and the following page are drilled and countersunk to vehicle manufacturers' blue-print specifications, assuring perfect alignment and making installation easier and quicker.

All passenger car sets using $\frac{1}{4}$ " thick lining will be furnished drilled (where we regularly furnish a drilled set) in .205 thickness at no extra charge.

$\frac{1}{4}$ " thickness will be furnished at 10 per cent additional charge.

$\frac{1}{4}$ " thickness or thicker will be furnished at the footage price of the thickness of the lining.

Where $\frac{1}{4}$ " thickness is the standard application, we will furnish $\frac{1}{4}$ " thickness at 10 per cent additional charge; any thickness greater than $\frac{1}{4}$ " at the footage price of the thickness of the lining.

All above are specials and will not be stocked in any of our warehouses. Send all orders for such special oversizes to Paulding, Ohio.

B.L.M.A. SET NO.		FORD-MERCURY		No. Pieces Per Set	List Price Per Set
310D	1928-31 "A"			8	\$5.11
515D	1932-33 "B"; "46", 1932-34 "V-8"			8	7.85
555D	1928-31 "AA" Truck; 1932-34 "BB"			4	9.90
442D	1935-38 "V-8" Pass. and $\frac{1}{2}$ Ton Commercial; 1946 Y 1 Ton (front)			2	6.90
1167D	1939-48 "V-8"; Mercury, $\frac{1}{2}$ & $\frac{3}{4}$ Ton Com.; 1939-42 1 Ton (front)			2	6.15
214-217D	1949; Mercury; 1948-FI- $\frac{1}{2}$ Ton, 8C			2	7.35
214A-217A	1949; Six; V-8			2	7.35
647D	1935-37 "V-8-51" $1\frac{1}{2}$ Ton Truck			4	9.90
665D	1938 "V-8" 1 Ton Truck 81Y-82Y (rear); 1938 $1\frac{1}{2}$ Ton Truck 81T, 81U (front or rear)			4	9.90
	(Specify:—665-17 hole drilling; 665A-14 hole drilling)				
1172D	1939-48 1 Ton (rear); all $1\frac{1}{2}$ Ton (front); 1940 $\frac{3}{4}$ Ton (rear)			4	5.25
1174D	1939-48 All $1\frac{1}{2}$ Ton Trucks; Some School Buses (rear)				
	(Sets 1172 and 1174 are also furnished packaged with all long pieces. Specify as 1172D All Long—List Price \$6.15; 1174D All Long—List Price \$15.45)			4	12.90
		CHEVROLET		No. Pieces Per Set	List Price Per Set
313D	1928 "AB" 4; 1929 AC Pass. & Truck (front)			4	2.40
	1929-30 LP; LQ $1\frac{1}{2}$ Ton Trucks (front)			8	4.80
548D	1930-32 "6" Passenger			4	6.75
562D	1930-34 $1\frac{1}{2}$ Ton Trucks; LS; LT; N, Utility (rear)			4	4.80
528D	1933 CC Std. Six Passenger			2	5.25
614D	1933 Eagle Master Six Passenger			2	5.70
633D	1934 D. C. Std. Six Passenger			2	7.35
627D	1934-35 Master Six			2	6.15
643D	1935 Std. Six Passenger			4	6.45
644D	1935-48 $1\frac{1}{2}$ Ton Truck (front), Some 1 Ton, Some $\frac{3}{4}$ Ton			4	8.45
645D	1935 $1\frac{1}{2}$ Ton Truck (rear)			4	8.45
653D	1936-48 Std. 6, Master 6, $1\frac{1}{2}$ Ton Commercial; 1939-42 $\frac{3}{4}$ Ton			2	6.60
	1939-48 $\frac{3}{4}$ Ton Special Truck (front); 1941 Taxi, Caravan			4	11.85
654D	1936-48 $1\frac{1}{2}$ Ton School Bus C O E; $1\frac{1}{2}$ Ton (rear); 1941 1 Ton (rear)			2	13.20
1014D	1947-48 3600- $\frac{3}{4}$ Ton (front); 3800 1 Ton (front)			2	16.20
1219D	1947-48 3800-1 Ton (rear)			2	16.20
		CHRYSLER, DESOTO, DODGE, PLYMOUTH		No. Pieces Per Set	List Price Per Set
104D	1929-32 Plymouth			2	5.55
	1930-31 Dodge DO 6 CW-2			2	4.95
	1929-30 DeSoto			2	7.25
119-117D	1933 Plymouth PD, PD			2	5.15
119D	1934 DeSoto S, E			2	6.75
119D	1934 Plymouth PE, Dodge DP, DS			2	6.75
145D	1935 31 Plymouth, 31 DeSoto, 31 Dodge, 31 Chrysler			2	6.75
	1935 31 Dodge 6 DU, 31 Chrysler			2	6.75
	1935 31 DeSoto 6F, 31 SE			2	6.75



GRIZZLY BRAKE LINING

CHRYSLER, DESOTO, DODGE, PLYMOUTH - (Cont'd)

B.L.M.A. Set No.	No. Pieces Per Set	List Price Per Set	B.L.M.A. Set No.	No. Pieces Per Set	List Price Per Set
*1137D	1938-42 Plymouth P-5; P-6; P-7; P-8, P-9, P-10; P-11, P-12	8 \$5.70	*1185A	1946-48 Chrysler 1948 Dodge G24 (7 Pass)	8 \$1.85
*1162D	1938-42 Dodge, DeSoto, Chrysler	8 6.30	*1186A	1946-48 Plymouth	8 6.90
*192A- 1161AD	1946-48 Dodge DeSoto, Chrysler	8 6.30	1213D		

NOTE: Use set N. 145 on late 1936 and all 1937 models of Plymouth, Dodge etc. by cutting two segments for "pass" shots if shorter length required.
Sets marked * are made in .305" thickness as standard practice.

B.L.M.A. Numbers of GIZZLY Individually Boxed Drilled Syncro Sets for Passenger Cars and Trucks

Buick Chevrolet Chrysler De Soto Dodge			Ford Hudson Nash Oldsmobile and other Passenger cars			Willys-Knight Pontiac Studebaker Plymouth and other Passenger cars			A. C. F. Autocar Brockway Chevrolet Diamond T.			Dodge Federal Ford G. M. C. and other Trucks			Indiana International Mack White		
B.L.M.A. Set No.	No. Pieces Per Set	List Price Per Set	B.L.M.A. Set No.	No. Pieces Per Set	List Price Per Set	B.L.M.A. Set No.	No. Pieces Per Set	List Price Per Set	B.L.M.A. Set No.	No. Pieces Per Set	List Price Per Set	B.L.M.A. Set No.	No. Pieces Per Set	List Price Per Set	B.L.M.A. Set No.	No. Pieces Per Set	List Price Per Set
181D	8	\$ 7.80	276D	8	\$ 8.85	645D	4	\$ 9.45	1155D	8	\$ 11.85	1155D	8	\$ 11.85			
184D	2	5.55	277D	8	11.10	646D	4	5.10	1160D	8	9.45	1160D	8	9.45			
185D	4	4.95	281D	8	9.90	647D	4	8.30	1160D All long	4	5.55	1160D	8	7.80			
187D	4	6.90	282D	8	6.75	653D	8	6.60	1161D	8	7.80	1161D	8	7.80			
188D	4	5.85	283D	8	8.35	654D	4	11.85	1161D All long	4	4.50	1161D	8	6.30			
111D	4	7.95	284D	8	8.25	658D	4	10.80	*1162D	8	6.30	1162D	8	17.55			
118D	4	12.90	284-287D	8	7.95	659AD	4	13.65	1163D	8	9.90	1163D	8	9.90			
120D	4	11.55	286D	8	7.35	662D	4	20.35	1166D	8	8.15	1166D	8	8.15			
132D	4	3.15	286AD	Use 286D		665D	4	9.90	1167D	8	8.80	1167D	8	8.80			
134D	4	9.30	287D	8	8.35	665AD	4	8.80	1168D	8	8.80	1168D	8	8.80			
*145D	8	6.75	288D	4	28.55	670D	4	11.10	1168D All long	4	3.90	1168D	8	21.45			
153D	4	9.15	291D	4	14.85	684D	16	64.85	1169D	4	21.45	1169D	4	21.45			
152AD	4	9.15	292D	8	9.90	687D	2	1.50	1170D	4	20.35	1170D	4	20.35			
170D	4	28.55	292AD	4	3.60	1002D	4	7.35	1172D	4	5.25	1172D	4	5.25			
178AD	4	28.55	292-296D	8	7.80	1012D	8	11.55	1172D All long	4	6.15	1172D	4	6.15			
174D	8	8.30	293D	8	8.10	1012-1014D	8	12.15	1174D	4	12.90	1174D	4	12.90			
178D	4	10.20	294D	8	7.65	1014D	8	13.20	1174D All long	4	15.45	1174D	4	15.45			
179-187D	8	4.95	294-294D	8	7.35	1014AD	4	6.60	1175D	4	2.85	1175D	4	2.85			
184D	4	8.40	295D	8	14.10	1101D	4	5.35	1176D	4	7.80	1176D	4	7.80			
185D	4	7.20	296D	8	8.40	1102D	4	6.45	1178D	4	4.20	1178D	4	4.20			
186D	4	13.20	297D	Use 239D		1103D	4	6.90	1178D	4	5.60	1178D	4	5.60			
189D	4	18.95	298D	Use 244D		1104D	4	18.95	1180D	4	6.90	1180D	4	6.90			
*192D	8	7.20	299D	8	11.85	*1105D	4	4.80	1180D	4	11.85	1180D	4	11.85			
*192AD	4	3.75	299AD	Use 299D		*1105AD	4	4.80	1180D	4	6.75	1180D	4	6.75			
*192A-1161AD	8	6.90	299BD	Use 299D		*1105A-1179D	8	8.85	1181D	4	16.95	1181D	4	16.95			
*195D	3	5.85	310D	8	5.70	*1106D	4	3.75	1182D	4	17.85	1182D	4	17.85			
196D	4	6.60	313D	4	3.40	*1106AD	4	3.75	1183D	4	29.40	1183D	4	29.40			
198D	4	6.80	339D	4	16.35	*1106A-1213D	8	6.90	1184D	4	12.15	1184D	4	12.15			
215D	4	7.80	340D	4	17.85	1107D	4	20.35	1185D	4	24.90	1185D	4	24.90			
216D	4	14.85	412D	4	5.10	1107AD	4	20.35	1186D	4	31.35	1186D	4	31.35			
217D	4	20.70	515D	8	7.85	1107BD	4	20.35	1187D	4	12.75	1187D	4	12.75			
218D	4	10.50	516D	Use 515D		1108D	4	16.95	1188D	4	27.80	1188D	4	27.80			
219D	4	12.75	520D	8	4.80	1109D	4	24.40	1189D	4	30.25	1189D	4	30.25			
220D	3	9.45	533D	8	7.65	1113D	4	28.35	1210D	4	10.20	1210D	4	10.20			
221D	4	5.40	535D	8	8.15	1116D	4	5.40	*1215D	8	8.40	*1215D	8	8.40			
227D	4	4.65	MS542D	4	5.55	1119D	4	31.95	*1216D	8	8.75	*1216D	8	8.75			
232D	4	12.30	548D	8	4.80	1125D	4	7.20	1219D	8	8.55	1219D	8	8.55			
236D	4	9.15	549D	4	1.50	1126D	4	10.35	1220D	8	6.45	1220D	8	6.45			
237D	3	8.55	Ext. 554D	4	12.45	1127D	4	11.85	1221D	8	6.80	1221D	8	6.80			
238D	4	18.45	555D	4	8.90	1128D	4	28.70	1223D	4	13.80	1223D	4	13.80			
239D	4	7.80	MS556D	4	5.55	1130D	4	18.50	1224D	4	7.80	1224D	4	7.80			
244D	4	17.45	MS557D	4	6.15	1138D	4	16.35	2000D	4	8.75	2000D	4	8.75			
245D	4	14.35	MS558D	4	6.45	1139D	4	16.50	2002D	3	7.80	2002D	3	7.80			
246D	4	20.85	MS559D	4	6.80	*1137D	8	5.70	2003D	10	7.95	2003D	10	7.95			
247D	4	13.30	MS560D	4	6.45	1138D	4	24.30	2004D	4	6.45	2004D	4	6.45			
248D	4	18.60	567D	4	6.75	1142D	4	18.80	2005D	10	10.65	2005D	10	10.65			
253D	4	8.85	568D	4	4.65	1143D	4	11.40	2006D	4	8.25	2006D	4	8.25			
253AD	4	8.85	MS576D	4	8.45	1144D	4	8.90	2006-2015D	4	8.25	2006-2015D	4	8.25			
254D	4	3.75	614D	8	5.25	1145D	8	7.85	2007D	4	6.60	2007D	4	6.60			
257D	4	9.30	627D	8	7.35	1145D All long	4	4.85	2009D	4	24.90	2009D	4	24.90			
259D	4	7.65	629D	8	10.20	1146D	8	11.85	2010D	4	33.75	2010D	4	33.75			
260D	4	5.30	630D	8	11.50	1146D All long	4	6.30	2011D	4	5.85	2011D	4	5.85			
261D	4	10.35	633D	8	5.70	1147D	8	10.80	2012D	4	6.90	2012D	4	6.90			
264D	Use 246D		642D	8	6.80	1154D	4	9.30	2015D	4	4.80	2015D	4	4.80			
266D	8	6.30	643D	8	6.15	1154AD	4	9.30	2016D	4	36.90	2016D	4	36.90			
			644D	4	6.45				2017D	4	18.80	2017D	4	18.80			

* 1215, 1216, 1219, 1220, 1221, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1240, 1241, 1242, 1243, 1244, 1245, 1246, 1247, 1248, 1249, 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1259, 1260, 1261, 1262, 1263, 1264, 1265, 1266, 1267, 1268, 1269, 1270, 1271, 1272, 1273, 1274, 1275, 1276, 1277, 1278, 1279, 1280, 1281, 1282, 1283, 1284, 1285, 1286, 1287, 1288, 1289, 1290, 1291, 1292, 1293, 1294, 1295, 1296, 1297, 1298, 1299, 1300, 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1309, 1310, 1311, 1312, 1313, 1314, 1315, 1316, 1317, 1318, 1319, 1320, 1321, 1322, 1323, 1324, 1325, 1326, 1327, 1328, 1329, 1330, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1338, 1339, 1340, 1341, 1342, 1343, 1344, 1345, 1346, 1347, 1348, 1349, 1350, 1351, 1352, 1353, 1354, 1355, 1356, 1357, 1358, 1359, 1360, 1361, 1362, 1363, 1364, 1365, 1366, 1367, 1368, 1369, 1370, 1371, 1372, 1373, 1374, 1375, 1376, 1377, 1378, 1379, 1380, 1381, 1382, 1383, 1384, 1385, 1386, 1387, 1388, 1389, 1390, 1391, 1392, 1393, 1394, 1395, 1396, 1397, 1398, 1399, 1400, 1401, 1402, 1403, 1404, 1405, 1406, 1407, 1408, 1409, 1410, 1411, 1412, 1413, 1414, 1415, 1416, 1417, 1418, 1419, 1420, 1421, 1422, 1423, 1424, 1425, 1426, 1427, 1428, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1441, 1442, 1443, 1444, 1445, 1446, 1447, 1448, 1449, 1450, 1451, 1452, 1453, 1454, 1455, 1456, 1457, 1458, 1459, 1460, 1461, 1462, 1463, 1464, 1465, 1466, 1467, 1468, 1469, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1480, 1481, 1482, 1483, 1484, 1485, 1486, 1487, 1488, 1489, 1490, 1491, 1492, 1493, 1494, 1495, 1496, 1497, 1498, 1499, 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1510, 1511, 1512, 1513, 1514, 1515, 1516, 1517, 1518, 1519, 1520, 1521, 1522, 1523, 1524, 1525, 1526, 1527, 1528, 1529, 1530, 1531, 1532, 1533, 1534, 1535, 1536, 1537, 1538, 1539, 1540, 1541, 1542, 1543, 1544, 1545, 1546, 1547, 1548, 1549, 1550, 1551, 1552, 1553, 1554, 1555, 1556, 1557, 1558, 1559, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1567, 1568, 1569, 1570, 1571, 1572, 1573, 1574, 1575, 1576, 1577, 1578, 1579, 1580, 1581, 1582, 1583, 1584, 1585, 1586, 1587, 1588, 1589, 1590, 1591, 1592, 1593, 1594, 1595, 1596, 1597, 1598, 1599, 1600, 1601, 1602, 1603, 1604, 1605, 1606, 1607, 1608, 1609, 1610, 1611, 1612, 1613, 1614, 1615, 1616, 1617, 1618, 1619, 1620, 1621, 1622, 1623, 1624, 1625, 1626, 1627, 1628, 1629, 1630, 1631, 1632, 1633, 1634, 1635, 1636, 1637, 1638, 1639, 1640, 1641, 1642, 1643, 1644, 1645, 1646, 1647, 1648, 1649, 1650, 1651, 1652, 1653, 1654, 1655, 1656, 1657, 1658, 1659, 1660, 1661, 1662, 1663, 1664, 1665, 1666, 1667, 1668, 1669, 1670, 1671, 1672, 1673, 1674, 1675, 1676, 1677, 1678, 1679, 1680, 1681, 1682, 1683, 1684, 1685, 1686, 1687, 1688, 1689, 1690, 1691, 1692, 1693, 1694, 1695, 1696, 1697, 1698, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1710, 1711, 1712, 1713, 1714, 1715, 1716, 1717, 1718, 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1

COMBINED
LISTING OF

GRIZZLY

Synco-Sets, Drilled and
Multiple Coverage Segments, Rickman
and 1/16" Oversize

MAKE and MODEL of CAR

Tells instantly exactly what is needed to service any car!

List prices for Multiple Coverage Segments are shown in all cases where Grizzly Sets or Synco-Sets, drilled, countersunk and individually boxed are not available. In all cases, multiple coverage segments are packed four to the set. Please be guided accordingly.

"G" Indicates segment will require slight grinding to lower thickness.

"S" Indicates segment will require slight reduction in width.

"X" For prices of oversize sets see page 5.

Grizzly Manufactures Brake Lining and Brake Blocks for all Makes and Models of Passenger Cars, Trucks, Tractors, Trailers and Busses

For any listings not shown refer to the Brake Lining Manufacturer's Association Data Book for set numbers. A copy of this Data Book will be furnished free by your Grizzly Distributor.

MAKE AND MODEL OF CAR	Set Required		LIST PRICE BOTH AXLES		Multiple Coverage Segments Required Both Axles	
	Front Axle	Rear Axle	Multiple Coverage Segments	Grizzly Synco Drilled Sets	Regular Size	1/16" Oversize
BUICK						
1948-49, 70 Series (71, 76S, 76C)	2005D	2005D		10 65	3-22383	3-22486
1948-49, 50 Series (51, 56S, 56C, 59)	216D	216D		7.35	4-16369 4-16371	4-16474 4-16475
1948-49, 40-Special; 40A-Special; 50-Super; 40 B	216D	216D		7.35	4-16369 4-16471	4-16474 4-16475
1942-40, 60-Cent.; 70-Roadmaster	2005D	2005D		10 65	3-22383	3-22486
1942-47, 90-Ltd.; 80-Ltd.	215D	215D		14 10	4-20480 4-20481	3-22501
1939-47, 60-Century 80-Roadmaster	216D	216D		8.40	4-20376 4-20377	3-20480
1936, 36-40	216D	216D		7.35	4-16369 4-16371	4-16474 4-16475
1936, 36-40; 36-40	216D	216D		8.40	4-20376 4-20377	3-20480
1936, 36-90	215D	215D		14 10	4-20480 4-20481	3-22501
1935-34, 40	253D	253D		8 85	3-16371	3-16475
1935-34, 50	627D	627D		7.35	3-16371	3-16474
1935-34, 60	629D	629D		10 20	3-16371	3-16475
1935-34, 90	630D	630D		13 50	3-22384	3-22487
1933-32, 32-50; 32-50	614D	614D		5 15	3-16371	4-16474 4-16475
1932-32, 32-60 32-60	531D	531D		7 65	4-16371 4-16372	4-16474 4-16475
1932, 32-80, 32-90	535D	535D		8 15	4-16371 4-16372	3-20480



GRIZZLY BRAKE LINING

MAKE AND MODEL OF CAR	Set Required		LIST PRICE BOTH AXLES		Multiple Coverage Segments Required Both Vies	
	Front Axle	Rear Axle	Multiple Coverage Segments	Grizzly Syncro Drilled Sets	Regular Size	Over Size
1932, 22-40; 22-60	535D	535D		8.15	4-22486 4-22487	8-22502
CADILLAC						
1940-41, 61; 62; 63; 68-Special	221D	220D		(1 set 221-5.40) (1/2 set 220-4.75)	4-22383 4-20377	4-22486 4-20480
1940-41, 67; 75; 1940 V8-72	221D	2004D		11.85	4-22383 4-20377	4-22486 4-20480
1940, V8-62; V8-60 Special	221D	220D		(1 set 221-5.40) (1/2 set 220-4.75)	4-22383 4-20377	4-22486 4-20480
1940-38, V8-75; V-10-60	223	223	17.70		4-22486 4-22487	8-22502
1939, V8-60S Special	221D	220D		(1 set 221-5.40) (1/2 set 220-4.75)	4-20383 4-20377	4-22486 4-20480
1939, V8-61	220D	220D		9.45	8-20377	8-20480
1938, V8-60; V8-60 Special	200D	201D		(1/2 set 200-5.95) (1/2 set 201-4.95)	4-22383 4-20377	4-22486 4-20480
1938, V8-65	200D	204	12.90		4-22383 4-24389	4-22486 4-24405
1938-37, V8-75, V16-90	224	273	18.20		2-22486 6-22487	8-22502
1937, V12-45	224	273	18.20		2-22486 6-22487	8-22502
1936, V8-3660	201D	201D		8.90	8-20377	8-20480
1936, V8-3670; 3675; V12-3680; 3685	273	273	18.90		8-22487	8-22502
1936, V16-3690	631	631	13.90		4-23481 4-20378	4-20501 4-20481
1935-34, V8-355D; V12-370D; V16-452D	631	631	13.90		4-20481 4-20378	4-20501 4-20481
CHEVROLET PASSENGER						
1940-38, All Passenger Cars	653D	653D		6.60	8-15370	8-16474
1940-36, BK; KC; JC; QC; EJ; EK FB-1/2 Ton Com. Carryall Sub.	653D	653D		8.80	8-15370	8-16474
1935-34, EA-Master Six; DA-Master Six	627D	627D		7.35	8-15371	8-16474
1935-34, EB-1/2 Ton Com.; DB-1/2-Ton Com.	627D	627D		7.35	8-15371	8-16474
1935, EC-Standard Six	643D	643D		6.15	8-15369	8-16474
1934, DC-Standard Six	633D	633D		5.70	8-14355	8-14468
1933, CC-Standard Six Mercury	520D	520D		4.80	5-14365	5-14468
1932, CA-Mstr. Six Eagle; 1/2-Ton Com.	614D	614D		5.25	5-15371	8-16475 8-16474
1932-31, BA-Confederate; AE; BB-1/2-Ton Truck	548D	548D		4.80	5-14355	5-14458
CHEVROLET TRUCK						
1940-47; 3000 Series 3/4-Ton (Some Bonded—Some Riveted)	653D	1014AD		9.90	4-16370 4-20480	
1940-47; 3000 Series 1-Ton (Some Bonded—Some Riveted)	1014AD	1210D		16.80	4-20480 4-24405	
1940-47; 4100; 4400-1 1/2-Ton; 4502 School Bus Chassis; 5000; 6000 2-Ton	644D	654D		18.30	4-20480 4-30410	4-20501 4-30501
1940-37, SA; SB; SC; SD; TA; TB; TC; TD; VA; VB; VC; VD; VF; VG; VH; VM; VN; WA; WB; WD; WE; WF; YP; YQ; YR; YS; YU; YV; YW; MR; MS; MU, MV; MW; MY, Heavy Duty, C.D.E. and Conv'L 1 1/2-Ton Trucks	644D	654D		(1 set 644-6.45) (1 set 654-11.85)	4-20480 4-30410	4-20501 4-30501
1940-39 WC; VK; YT Busses	644D	654D		(1 set 644-6.45) (1 set 654-11.85)	4-20480 4-30410	4-20501 4-30501



BEAR IN MIND... CENACOL

MAKE AND MODEL OF CAR	Set Required		LIST PRICE BOTH AXLES		Multiple Coverage Segments Required Both Axles	
	Front Axle	Rear Axle	Multiple Coverage Segments	Grizzly Saver Drilled Sets	Regular Size	u" Over-size
1942-37 GD; HD; JD; KD; AL; BL: 3/4-Ton	653D	653D		6 60	3-16377	3-15474
1942-37 BM; AM; JE; KE: 3/4-Ton Special	653D	644D		(1/2 set 653-8.30) (1 set 644-6 45)	4-16377 4-20481	4-15474 4-20501
1941-33, AN; WA; VA; 1 Ton	644D	654D		(1 set 644- 6 45) (1 set 654-11 85)	4-20481 4-30410	4-20501 4-30513
1938-37, GE; HE; 1 Ton	653D	644D		(1/2 set 653- 8 30) (1 set 644- 6 45)	4-16377 4-20481	4-15474 4-20501
1936, RA; RB; RC; RD-1 1/2-Ton Late	644D	654D		(1 set 644- 6 45) (1 set 654-11.85)	4-20481 4-30410	4-20501 4-30513
1936, RA; RB; RC; RD-1 1/2-Ton Early	644D	645D		(1 set 644- 6 45) (1 set 645- 8 45)	4-20481 2-30410 1-30411	4-20501 2-30512 2-30513
1935, QA; QB; QC; QD-1 1/2-Ton	644D	645D		(1 set 644- 6 45) (1 set 645- 8 45)	4-20481 2-30410 1-30411	4-20501 2-30512 2-30513
1934-33, Utility; PA; PB; PC; PD-1 1/2-Ton	627D	562D		(1/2 set 627- 3.70) (1 set 562- 8.75)	4-16377 2-24405 1-24406	4-15474 3-24507
1932-31, M; LT; LS-1 1/2-Ton	548D	562D		(1/2 set 548- 2.40) (1 set 562- 8.75)	3-14366 2-24405 1-24406	3-14468 3-24507
CHRYSLER						
1948-46, C-39 New Yorker, Saratoga Town & Country; C-33 (Eight); 6-48 Crown Imp.	1105AD	1179D		8.85	2-20376 6-20377	8-20480
1948-46, C-38 (Six)	102AD	1161AD		6.90	2-20376 6-20377	8-20480
1946, Eight	1105AD	1179D		8.85	2-20376 6-20377	8-20480
1942-40, C-34; C-28; C-25; Royal Windsor	1162D	1162D		6.30	4-20376 4-20377	4-20480 2-20482
*1942-41, C-36; C-30 N.Y. Sara.; C-37; C-33 Crown Imp.	1105D	1179D	(See Foot-note)	(1 set 1105-4.80) (1 set 1179-4.20)	2-20376 6-20377	8-20480
*1942, C-34-6 Cyl 7 Pass.	1105D	1179D		(1 set 1105-4.80) (1 set 1179-4.20)	2-20376 6-20377	8-20480
1940, C26-Traveler; New Yorker; Sara.	1105D	1179D		(1 set 1105-4.80) (1 set 1179-4.20)	2-20376 6-20377	8-20480
1940, C27-Crown Imperial	1105D	1179D		(1 set 1105-4.80) (1 set 1179-4.20)	2-20376 6-20377	8-20480
1939, C22-Royal Six	1162D	1162D		6.30	4-20376 4-20377	4-20480 2-20482
1939-38, C23; C19 Imperial Eight	1105D	1163D		9 60	8-20377	8-20480
1939-38, C24; C28-Cust. Imp. Eight	1163D	1163D		17.55	8-22487	8-22502
1938-36, C18; C14; C8	192D	192D		7 20	8-20377	8-20480
1937 C16-Royal Six	145D	145D		6 75	5-20376 1-20378	5-20480 1-20481
1937 C15-Cust. Imp. 8; C17 Airflow 8	193	193	12 90		8-20480	8-20501
1936-35, C7-Six, C2-Eight	192D	192D		7.20	8-20377	8-20480
1936 C9-Airflow 8; C10-Imp. Airflow 8	193	193	12 90		8-20480	8-20501
1935 Six C6	145D	145D		6 75	8-20376	8-20480
1935, C1, C2 C3-Eights	193	193	12 90		8-20480	8-20501
1935-34, Imp. Cust. 8-CW	194	194	22 20		8-20480	8-20501

*Some 1940-41 Chrysler Models Use Brake Lining Segment with staggered drilling. For these applications use set 1105A 1179D or you may use 1105 1179.



GRIZZLY BRAKE LINING

MAKE AND MODEL OF CAR	Set Required		LIST PRICE BOTH AXLES		Multiple Coverage Segments Required Both Axles	
	Front Axle	Rear Axle	Multiple Coverage Segments	Grizzis Sincro Drilled Sets	Regular Size	u' Overize
1934 CA-6; CB-De Luxe	192D	192D		7.20	3-20377	3-20480
1934 CU-8; CV-Imperial	193	193	12.90		3-20480	3-20501
1933-32, Imp. 8-CQ, Eight-CP	174D	174D		9.30	3-20377	3-20480
1933-32, Imp. Cust. 8-CL; Imp. 8-CH	175	175	12.00		3-20378	3-20481
1933-32, Roy. 8-CT; Six CI	101D	101D		7.80	4-15369 4-15371	3-15474
1933 Six CO	104D	104D		5.55	4-14365 4-14366	3-14468
DE SOTO *1940-46, S-11 (See Footnote) 5 Pass.	102AD	1161AD		6.90	2-20376 6-20377	8-20480
1947, 7 Pass. Taxicab	1012D	1014D		12.15	8-20480	Roll
1942, S-10 Taxi (Some)	1014D	1012D		12.15	8-20480	3-20501
1942, S-10 Taxi (Some)	1012D	1012D		11.55	4-20480	Roll
1942, S-10 Custom	1105D	1179D		(1 set 1105-4.80) (1 set 1179-4.20)	2-20376 6-20377	8-20480
1942-38, S-10 DeL.; S-8; S-7; S-6; S-5	1102D	1162D		6.30	4-20376 4-20377	4-20480 2-20482
1937 S8	145D	1197D		6.20	6-20376 1-20378	6-20480 1-20481
1937-36, S1- Taxicab	1155D	1155D		11.85	8-20480	3-20501
1936, S1-De Luxe Air (After 7-1-36)	145D	1137D		6.20	6-20376 1-20378	6-20480 1-20481
1936, S1-De Luxe Air (Before 7-1-36)	145D	145D		6.75	8-20376	3-20480
1936, Air-S1-Cust. Airflow S2	192D	192D		7.20	8-20377	3-20480
1935-34, SQ; SE	192D	192D		7.20	8-20377	3-20480
1933-31, SD; SC	104D	104D		5.55	4-14365 4-14366	3-14468
DODGE PASSENGER *1940-46, D-14 (See Footnote) 5 Pass	102AD	1161AD		6.90	2-20376 6-20377	8-20480
1942, D-22-Custom	1105D	1179D		(1 set 1105-4.80) (1 set 1179-4.20)	2-20376 6-20377	8-20480
1942-38, D-22-DeL.; D-19-Cust. 8 DeL., D-17-Spec.; D-14-DeL.; D-11; D-8	1162D	1162D		6.30	4-20376 4-20377	4-20480 2-20482
1942-38, Taxicab-(Some)	1147D	1147D		10.20	1-20482 2-20480	3-20501
1937-6, D5; D2 (After 7-1-36)	145D	1137D		6.20	6-20376 1-20378	6-20480 1-20481
1936, D2 (Before 7-1-36)	145D	145D		6.75	8-20376	3-20480
1935, DU-Six	145D	145D		6.75	8-20376	3-20480
1934, DR-Six; DS- Six	195D	195D		5.85	4-20376 2-20377	6-20480
1933, DP- Six	179-187D	179-187D		4.95	3-14365	3-14468
1933-32, DO-8; DK-8	174D	174D		9.30	3-20377	3-20480
1932 DL-Six	101D	101D		7.80	4-15369 4-15371	3-15474
DODGE COMMERCIAL 1940-46, B1B, WC (1/2-Ton), Bonded Lining,	145D	192D		6.90	4-20376 4-20377	3-20480
1940, B1C (1/2-Ton); B1PW (1-Ton)	192D	1125D		13.95	4-20377 4-15475	4-20501-5 4-20482
*1940 B1D 1-Ton	192D	1224D		15.40	4-20377 4-15475	4-20501-5 4-20482

*1 and 9 Passenger DeSoto S 11 Dodge D 24 Use set 1105A 1179D





MAKE AND MODEL OF CAR	Set Required		LIST PRICE BOTH AXLES		Multiple Coverage Segments Required Both Axles	
	Front Axle	Rear Axle	Multiple Coverage Segments	Grizzly Sinter Drilled Sets	Regular Size	W' Overase
1946, BIF; BIFA; BIFM; BIFS; BIFMA (1½-Ton); BIH; BIHA; BIHM; BIHMA (1½-Ton)	1224D	1228D		21.60	4-20480 4-30410	Roll
1946, BIJ; BIJM; BIJMA; BIKA; BIKMA (2-Ton)	1127D	1228D		25.65	4-24406 4-30410	4-24507 4-30513
1946, BIR; BIRA (2-Ton)	1127D	4446D		32.35	Set	Set X
1946, BIT; BITA (3-Ton)	1127D	4461D		36.30	Set	Set X
1946, BIV; BIVA (3-Ton)	1127D	4138		42.45	Set	Set X
1947-46, WG; WGA; WGM; WGMA; WH; WHA; WHM; WHMA	1127D	1127D		23.70	8-24406	8-24507
1947-46, WHAX; WHMAX	1127D	170AD		(1 set 1127-11.85) (1 set 170A-20.55)	4-24406 4-34624	4-24507 2-40732-S 12-40733-S
1947-46, WD-15	192D	192D		7.20	8-20377	8-20480
1947-45, WC (After 11-1-45)	145D	192D		(½ set 145-3.40) (½ set 192-3.60)	4-20376 4-20377	8-20480
1947-42, WF (From No. 81333670)	1125D	1127D		18.45	4-16475 4-24406	4-20501-S 4-24507
1947-46, WH; WHA; WHM; WHMA; WG; WGM; WGA; WGMA	1127D	1127D		23.70	8-24406	8-24507
1947-46, WFM; WFMA; WFA	1125D	1127D		18.45	4-16475 4-24406	4-20501-S 4-24507
1942-41, WC	145D	1137D		(½ set 145-3.40) (½ set 1137-2.85)	4-20378 4-20376	Roll
1943-41, WD-15	145D	1162D		(½ set 145-3.40) (½ set 1162-2.85)	6-20376 2-20378	5-20480 1-20482
1947-41, WD-20; WD-21	192D	1125D		(½ set 192-3.60) (1 set 1125-7.20)	4-20377 4-16475	4-20480 4-20501-S
1942-41, WF; To No. 81333668 WFM To No. 8297430	1186	1127D		(1 set 1186- 8.15) (1 set 1127-11.85)	2-16474 2-16475 4-24405	4-20501-S 4-24507
1942-41, WG; WH; WGM; WHM	1187D	1127D		(1 set 1187- 9.60) (1 set 1127-11.85)	4-24405 4-24406	8-24507
1942-39, WL; WK; WLD; WKD; TK; DTT; LD; VKD; JLD; WKD; WLD	1187D	1128D		(1 set 1187- 9.60) (1 set 1128-23.70)	4-24405 4-40529	4-24507 4-40531
1940-37, VC; TC; RC; RXC; MC	145D	145D		6.75	6-20376 1-20378	6-20480 1-20481
1940-39, VD-15; TD-15	145D	1162D		(½ set 145-3.40) (½ set 1162-3.15)	6-20376 2-20377	6-20480 1-20482
1940-39, VD-20; VD-21; TD-20; TD-21	192D	1125D		(½ set 192-3.60) (1 set 1125-7.20)	4-20377 4-16475	4-20480 4-20501-S
1940-38, VF; VM; TF; RF; RFX	1124	1127D		(1 set 1124- 6.60) (1 set 1127-11.85)	4-16475 4-24406	4-20501-S 4-24507
1940-38, VG; VH; TQ; TH; RQ; RH	1126D	1127D		22.20	4-24405 4-24406	8-24507
1940, VL; VK; VLD; VKD	1126D	1128D		34.05	4-24405 4-40529	4-24507 4-40531
1939, TL; TK; RO; RP; TLD; TKD	1126D	1128D		34.05	4-24507 4-40529	4-24507 4-40531
1939-37, TE; RE; RXE; ME	1124	1125D		(1 set 1124- 6.60) (1 set 1125- 7.20)	2-16475	3-20501-S
1938 RL; RK; RO; RP, RX	1126D	1128D		34.05	4-24405 4-40529	4-24507 4-40531
1938-37, RD; RXD, MD	192D	193	11 15		4-20377 4-20480	4-20480 4-20501
1937-36, K-50V; 51V, 52V; 53V	1126D	1128D		34.05	4-24405 4-40529	4-24507 4-40531

GRIZZLY BRAKE LINING

MAKE AND MODEL OF CAR	Set Required		LIST PRICE BOTH AXLES		Multiple Coverage Segments Required Both Axles	
	Front Axle	Rear Axle	Multiple Coverage Segments	Grizels, Synchro Drilled Sets	Regular size	4" Oversize
1937-38, K-68V; 61V; 62V; 63V	1126D	1128D		34.05	4-24405 4-2529	4-24507 4-24631
1938 LG-40, 41, 42, 43; LH-45, 46	1126D	1127D		22.20	4-24405 4-24406	4-24507
1938-39, LC; KC; KCL	145D	145D		6.75	8-20376	8-20480
1938-39, KH-15; 20; 30; KT-42	101D	105D		(1/2 set 101-3 90) (1 set 105-4 95)	2-16369 4-16371 2-16372	4-16474 4-16475
1938-39, K-32; 33; 34; KD-30; 32	101D	105D		(1/2 set 101-3 90) (1 set 105-4 95)	2-16369 4-16371 2-16372	4-16474 4-16475
1938, KC; KCL-1/2-Ton	132D	132D		6.30	8-14365	8-14468
1938, HC; HCL-1/2-Ton	170D	179D		4.95	8-14365	8-14468
1938, UF-10; F-10-1 1/2-Ton	104D	104D		5.55	4-14365 4-14366	8-14468
(For additional listing, see the B.L.M.A. Data Book)						
FORD PASSENGER						
1949; Six; V-8	294AD	2024D		7.95	4-16370 4-22383	4-16474 4-22486
1949, Mercury	284D	287D		7.95	4-16371 4-20377	4-16474 4-20480
1948-49, All Pass. Models and Mercury	1167D	1167D		6.15	4-16369 4-16372	4-16474 4-16475
1948-49, All Models	642D	642D		6.90	8-16371	8-16475
1948-49, All Models	515D	515D		7.05	8-14367	8-20481-S
1948-49, A	310D	310D		5.70	8-14367	8-14468
FORD TRUCK & BUS (See B.L.M.A. Data Book)						
1948, F1 (1/2 Ton); 80	284D	287D		7.95	4-16371 4-20377	4-16474 4-20480
1948, F2 (3/4 Ton)	1167D	1167D		6.15	4-16369 4-16372	4-16474 4-16475
1948, F3 (3/4 Ton)	1167D	1172D		8.35	Set	Set X
1948, F4 (1 Ton); F5 (1 1/2 Ton); F6 (2 Ton)	1172D	1174D		18.15	Set	Set X
1948, F7 (2 1/2 Ton)	153D	4446D		30.15	Set	Set X
1948, F8 (3 Ton); 8QH	153D	1196D		40.50	Set	Set X
1948, 8T; 8TL; 8W; 8WH	1172D	1174D		18.15	Set	Set X
1947-48, Transit Bus	4227FD	4227FD		81.00	Set	Set X
1947-48, 6GT; 6QU; 6GHT; 6GRT (1 1/2 Ton); School Bus 6GTH; 6GUM; 6GTH; (2 Ton) 6RT; 6RTH; 6RAT; 6RST; 6RTH; 6RU; 6RUH; 6RW-C.O.E.; 6RWH-C.O.E.; 6RW-C.O.E.; 6RWH-C.O.E.; 6RW-C.O.E.; 6RWH-C.O.E.; 792T	1172D	1174D		18.15	2-20480 2-20481 2-34522 2-34523	4-20501 4-34624
1946-48, All 1/2 Ton & 3/4 Ton Models	1167D	1167D		6.15	4-16369 4-16371	4-16474 4-16475
1946 Y (1 Ton)	642D	1172D		(1/2 set 642-3 45) (1 set 1172-5 15)	4-16371 2-20480 2-20481	4-16475 4-20501
1946, 6RY (1 Ton); 6GY (1 Ton)	1167D	1172D		(1/2 set 1167-3 10) (1 set 1172-5 15)	2-16369 2-16371 2-20480 2-20481	2-16474 2-16475 4-20501
1946-48, All 1 1/2 and 2 Ton Models and School Bus and C.O.E.	1172D	1174D		1 set 1172-5 15 (1 set 1172-12 90)	2-20480 2-20481 2-34522 2-34523	4-20501 4-34624

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MAKE AND MODEL OF CAR	Set Required		LIST PRICE BOTH AXLES		Multiple Coverage Segments Required Both Axles	
	Front Axle	Rear Axle	Multiple Coverage Segm. sets	Grizzly Synchro Drilled Sets	Regular Size	1/4" Oversize
1946-41, Transit Bus	4227FD	4227FD		\$1.00	2 sets 4227F	2 sets 4227FX
1942-40, All 1 Ton Models	1167D	1172D		(1/2 set 1167-3.10) (1 set 1172-5.25)	2-16365 2-16371 2-20480 2-20431	2-16474 2-16475 4-20501
1940-39, OB9; 91B; 99B-Transit Buses	4227FD	4227FD		\$1.00	2 sets 4227F	2 sets 4227FX
1939, V8, V8-922C; V8-91C-1/2-Ton	1167D	1167D		6.15	4-16369 4-16371	4-16474 4-16475
1939, V8-92Y; V8-91Y-1-Ton	1167D	1172D		(1/2 set 1167-3.10) (1 set 1172-5.25)	2-16369 2-16371 2-20480 (2-20481)	2-16474 2-16475 4-20501
1939, V8-91T; 917T; 91U; 99T; 997T	1172D	1174D		(1 set 1172- 5.25) (1 set 1174-12.90)	2-20480 2-20481 2-34522 (2-34523)	4-20501 4-34624
1939, 99U; 911W; 91W; 917W; 911Z	1172D	1174D		(1 set 1172- 5.25) (1 set 1174-12.90)	2-20480 2-20481 2-34522 2-34523	4-20501 4-34624
1939, 991W; 99W; 997W; 991Z	1172D	1174D		(1 set 1172- 5.25) (1 set 1174-12.90)	2-20480 2-20481 2-34522 2-34523	4-20501 4-34624
1939, V8-911T; 991T- School Buses	1172D	1174D		(1 set 1172- 5.25) (1 set 1174-12.90)	2-20480 2-20481 2-34522 2-34523	4-20501
1938-35, 82C; 91C; 77; 73; 67; 58-1/2-Ton	642D	642D		6.90	8-16371	8-16475
1938, 82Y; 91Y-1-Ton (Late Models)	642D	665D		(1/2 set 642- 3.45) (1 set 665- 8.90)	4-16371 4-24406	4-16475 4-24507
1938, 82Y; 91Y-1-Ton (Early Models)	642D	665AD		(1/2 set 642- 3.45) (1 set 665- 8.90)	4-16371 4-24406	4-16475 4-24507
1938, 91T; 917T; 91U; 911W; 917W; 911Z	665D	665D		19.00	4-24406 Roll	4-24507 Roll
1938, 911T; 91B-School & Transit Buses	665D	665D		19.00	4-24406 Roll	4-24507 Roll
1938, 91T; 917T; 91U; 911W; 917W; 911Z (Early)	665AD	665AD		19.00	4-24406 Roll	4-24507 Roll
1938, 911T; 91B-School & Transit Buses (Early)	665AD	665AD		19.00	4-24406 Roll	4-24507 Roll
1937-35, V8-75; 79; 51-1 1/2-Ton	647D	647D		18.00	4-24406 Roll	4-24507 Roll
1934-32, BB-1 1/2-Ton, 8 & 4 cyl.	555D	555D		19.00	8-24406	8-24507
1934, 40-Light Com.	515D	515D		7.05	3-14367	3-20481-5
1931-30, AA and Dump, 1 1/2-Ton (After Jan.)	555D	555D		19.00	3-24406	3-24507
FRAZER 1947-46, F47; F47C	1219D	1219D		8.55	3-20377	3-20480
GENERAL MOTORS TAXICAB 1940-38, O-14	653D	653D		5.60	3-16371	3-16474
1937-36, O-17; O-16	653D	653D		5.60	3-16371	3-16474
1936-33, O-14	184D	184D		15.00	3-16371	3-16474
GRAHAM 1940 SR-6, DeL-6-101 Super 6-107	199	199	12.00		3-16474	3-20501-5
1941-38 Hollywood	1186	1186	7.00		3-20076	3-20480
1939-38, 96-6-97-Super	199	199	12.00		3-16474	3-20501-5



GRIZZLY BRAKE LINING

MAKE AND MODEL OF CAR	Set Required		LIST PRICE BOTH AXLES		Multiple Coverage Segments Required Both Axles	
	Front Axle	Rear Axle	Multiple Coverage Segments	Grizzly Drilled Sets	Regular Size	4" Over-size
1937, 95-Cavalier: 85	1111	1111	7.20		8-16369	8-16474
1937, 116-Super: 120 Cust. Super	189	189	12.30		8-16474	8-22501 S
1936, 90-Cavalier: 110-Super	189	189	12.30		8-16474	8-22501 S
1936-35, 6-60 Crusader: 74	1111	1111	7.20		8-16369	8-16474
1933, Std. and Cust. 8	182	182	10.60		4-20377 4-20378	4-20480 4-20481
1933, Std. Six	181	181	9.45		4-16371 4-16372	4-16474 4-16475
1933, Six (July 1932 to Jan. 1933)	172	172	12.00		8-20378	8-20481
1932, Blue Streak	172	172	12.00		8-20378	8-20481
HUDSON 1940, 480	2015D	202AD		8.40	Set D	Set XD
1947, 171; 172; 178	2012D	2012D		6.90	4-16369 4-16370	8-16474
1947, 173; 174	202AD	202AD		7.20	4-16369 4-16371	8-16474
1946, 51 Super 6; 52 Commodore 6; 51S; 58	2012D	2012D		6.90	4-16369 4-16370	8-16474
1942, 6; Del.-6 (20T & 20P) 21-Sup. 6; 22-Com. 6	2012D	2012D		6.90	4-16369 4-16370	8-16474
1942-41, 24-Com.-8; 14-Cust. 25 & 27; Com.-8; 15; 17-Com. Cust. 8	202D	202D		6.90	4-16369 4-16371	8-16474
1942-41, 10-C-Com.	204D	204D		8.25	8-16371	8-16474
1941, 10-Del.; 10-Trav.; 11; 12; 18-Big Boy	2012D	2012D		6.90	4-16369 4-16370	8-16474
1940-38, 40-Six; 112 Six	202D	202D		6.75	8-16369	8-16474
1940, 41-Super 6; 40-1/2-Ton; 40-3/4-Ton	204D	204D		7.65	8-16370	8-16474
1940 43-C.C.-6; 47C.C.-8	204D	204D		8.25	8-16371	8-16474
1940 44; 45-8	204D	204D		8.25	8-16371	8-16474
1939 Six; C.C.-6; Pacemaker-6	204D	204D		7.65	8-16370	8-16474
1939 90- 1/2-Ton; 98-3/4-Ton	204D	204D		7.65	8-16370	8-16474
1939 C.C.-8; Eight Sedan	204D	204D		8.25	8-16371	8-16474
1938-36, 83-6; 73-6; 61; 62; 63-Sixes	204D	204D		7.65	8-16370	8-16474
1938, 84-Del.-8; 85; 87; Cust. 8	204D	204D		8.25	8-16371	8-16474
1937 74; 76-Del. 8; 75; 77-Cust. 8	204D	204D		8.25	8-16371	8-16474
1936 64; 66-Del. 8; 65; 67-Cust. 8	204D	204D		8.25	8-16371	8-16474
1935 GH-6; HT-Spec.; HU-De Luxe	203D	203D		8.15	8-22393	8-22485
1935-34 HHU-Cust.; 8; Major Ser.	204D	204D		8.25	8-16371	8-16474
1934 8-Standard Ser.	203D	203D		8.15	8-22393	8-22485
1933 Super 5	259D	259D		7.65	8-16371 G	8-16474 G
HUPMOBILE 1939-38 R-6 E-6	1106	1106	7.80		8-20375	8-20480
1939-38, H-8	1105D	1105D		9.60	8-20377	8-20480
1936-35 618-G-Spec. & Cust. 6, 518-D	1106	1106	7.80		8-20375	8-20480

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MAKE AND MODEL OF CAR	Set Required		LIST PRICE BOTH AXLES		Multiple Coverage Segments Required Both Axles	
	Front Axle	Rear Axle	Multiple Coverage Segments	Grizzly Sinter Drilled Sets	Regular Size	1/2" Oversize
1936-35, 521-M-Spec. & Cust. 8: 521-O	1105D	1105D		9 60	8-20377	8-20480
1935-34, 527; 427	410	410	15 30		8-20379	8-20406-S
1935-34, 517; 417	412D	412D		10 20	8-16372	8-16475
1935-34, 521; 421-J	414	414	12 00		8-20378	8-20481
INTERNATIONAL TRUCK 1940-46, KB8; KBS10; K8	659D	4195AD		78 00	Set D	Set XD
1940-46, W4564	4328D	4358D		171 00	Set D	Set XD
1940-47; KBS11; KBS12; KBS14 (Timken Axle)	4286D	4358D		112 20	Set D	Set XD
1940-47, KBS11 (Eaton Axle Same)	4286D	4311AD		101.45	Set D	Set XD
1940-47, KB7 (Shoe No. FE-3364)	1225D	1198D		37.20	Set D	Set XD
1940-47, KB7 (Shoe No. FE-1238)	1198D	1198D		34.65	Set D	Set XD
KAISER 1947-46, K 100, K101	1219D	1219D		8.55	8-20377	8-20480
LA SALLE 1940-39, V8-50; V8-52-Spec.	220D	220D		9.45	8-20377	8-20480
1938-37, V8-50	299D	281D		(1/2 set 299-5.90) (1/2 set 281-4.95)	4-20377 4-22383	4-20480 4-22486
1936-34, 36-50; 35-50; 350	281D	281D		8.90	8-20377	8-20480
LINCOLN 1949, Lincoln; Cosmopolitan	299D	281D		10 00	4-22383 4-20377	4-22486 4-20480
1948-46, 12 Cyl. (130 H.P.) 8H; 76H; 66H	253D	253D		8 85	8-16371	8-16475
1942-36, Zephyr, 16H-Cont.; 160 H-Custom	253D	253D		8 85	8-16371	8-16475
1940-34, V-12	274	274	22.20		8-24405	8-24507
1933-31, All	292D	292D		24.60	8-24406	8-24507
NASH 1948, 4840-600	1221D	1221D		6 60	2-16372 4-20376	Roll
1947-46, 4640 Amb.-600; 4740-600	2811D	2811D		5 85	4-16369 2-16371	8-16475
1948-46, 4660; 4760; 4860 Amb	237D	237D		8 55	8-20377	8-20480
1942-41, 4240; 4130 Amb.-600	2811D	2811D		5 85	4-16369 2-16371	8-16475
1942-40, 4160 Amb.-6; 4180- Amb.-8; Amb. 6 with Fluid Coup. Only; 4010 Lafayette. 6	237D	237D		8 55	8-20377	8-20480
1940-38, 4020; 3920; 3820-Amb. 6	237D	237D		8 55	8-20377	8-20480
1940-37, 4080; 3980; 3880; 3780-Amb. 8	277D	277D		11 10	8-20383	8-20486
1939, 3910-Lafayette Spec. & Del.	1166D	1166D		9 90	8-20480-G	4-40509-S
1938, 3810-Lafayette Series L	1166D	1166D		9 90	8-20480-G	4-40509-S
1938, 3810-Lafayette Series H	237D	237D		8 55	8-20377	8-20480
1937 3720-Amb 6 Before M9-3319	237D	237D		8 55	8-20377	8-20480
1937 3720-Amb 6 After M9-3319	1166D	1166D		9.90	8-20480-G	4-40509-S

GRIZZLY BRAKE LINING

MAKE AND MODEL OF CAR	Set Required		LIST PRICE BOTH AXLES		Multiple Coverage Segments Required Both Axles	
	Front Axle	Rear Axle	Multiple Coverage Segments	Grizzly Savers Drilled Sets	Regular Size	4" Oversize
1937, 3710-Lafayette Before LH-2918	237D	237D		8.55	8-20377	8-20480
1937, 3710-Lafayette After LH-2918	1166D	1166D		9.90	8-20430-G	4-20523-S
1936, 3610-Lafayette	293D	293D		8.10	8-20377-G	8-20480-G
1936, 3640A-400 De Luxe	293D	293D		8.10	8-20377-G	8-20480-G
1936-35, 3640-400, 3540	293D	293D		8.10	8-20377-G	8-20480-G
1936-35, 3680 3500 Amb. 8	288	288	11.40		8-22383-G	8-22486-G
1936-35, 3620; 3520 Amb. 6	258D	258D		7.65	8-16371-G	8-16474-G
1935-34, Lafayette 110	258D	258D		7.65	8-16371-G	8-16474-G
1934, 1220 Big-6	258D	258D		7.65	8-16371-G	8-16474-G
1934, 1280 Adv. 8	288	288	11.40		8-22383-G	8-22486-G
1933, 1120 Big-6 1120-Std. 8	412D	412D		10.20	8-16372	8-16475
1933-32, 1170-Spec. 8; 1070 Std. 8, 980	403A	403A	11.40		8-16373	8-20482-S
OLDSMOBILE 1940-42, Series 66; Spec.-6; Series 76; Dyn.-6 Series 68; Special-8	2006D	292D		7.80	2-16369 2-16371 2-20376 2-20377	4-16474 4-20480
1940-42, 78-Dynamic-8; 98-Custom-8	2015D	2006D		8.85	Roll	Roll
1941, Series 96-Cust. 6 Series 98-Cust. 8	2006D	2006D		8.25	4-20376 4-20377	8-10480
1941, Ser. 66-Spec. 6; Ser. 68-Spec. 8	292D	292D		6.90	4-16369 4-16371	8-16474
1941, Ser. 76-Dyn. 6; Ser. 78-Dyn. 8	2006D	2006D		8.25	4-20376 4-20377	8-20480
1940, 60 (F40); 70 (G40) 6-cyl.	292D	292D		6.90	4-16369 4-16371	8-16474
1940, 90 (L40) 8-cyl.	2006D	2006D		8.25	4-20376 4-20377	8-20480
1939, 60 (F39); 70 (G39) 6-cyl.	292D	292D		6.90	4-16369 4-16371	8-16474
1939, 80 (L39) 8-cyl.	2000D	286D		7.85	4-16369 4-16371	4-16474 4-16475
1938-37, F-38; F-37 6-cyl.	292D	292D		6.90	4-16369 4-16371	8-16474
1938-37, L-38; L-37 8-cyl.	286D	286D		7.35	4-16369 4-16371	4-16474 4-16475
1936-35, F-36; F-35 6-cyl.	287D	287D		8.85	8-20377	8-20480
1936-35, L-36; L-35 8-cyl.	281D	281D		9.90	8-20377	8-20480
1934, F-34 6-cyl.	258D	258D		7.65	8-16371-G	8-16474-G
1934-32, L-34; L-32 L-32 8-cyl.	253D	253D		8.85	8-16371	8-16475
1933-32, F-33; F-32 6-cyl.	253D	253D		8.85	8-16371	8-16475
PACKARD 1940, 2240-6 Cyl. Tourcab	2003D	220D		8.70	Set D	Set XC
1940 2225-8 Cyl. Custom	234	234	13.50		8-20428	8-20428
1940-37 2202 2232 2237 2241 2251 2255	2003D	2003D		7.95	4-16370 4-16371	4-16474 4-16475
1940-47 2222 2236 2233 2220 2203 2206	221D	220D		10.95	4-20377 4-20383	4-20480 4-20486



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MAKE AND MODEL OF CAR	Set Required		LIST PRICE BOTH AXLES		Multiple Coverage Segments Required Both Axles	
	Front Axle	Rear Axle	Multiple Coverage Segments	Grizzly Sinter Drilled Sets	Regular Size	1/2 Oversize
1947, 2100-6 Cyl: 2130-5 Cyl Taxi	2003D	2002D		7.80	Set D	Set C
1947, 2126-8 Cyl Super	234	234	13.50		3-24389	3-24425
1946-42, 2000, 2020, 2100	2003D	2002D		(1/2 set 2002-3.90) (1/2 set 2003-4.80)	2-15365 3-15370 4-15371	3-15474 4-15475
1946-41, 2001, 2021, 1901-120; 2101, 2111	2003D	2003D		7.95	4-15370 4-15371	4-15474 4-15475
1942-41, 2023, 1903 Super 8-160; 1906 Cust. Sup. 8-160	220D	220D		9.45	8-20377	8-20480
1942-41, 2004, 2005, 2007, 2008; 1901A-120; 1904-85 Super 8-160; 1907-88 Cust. Sup. 8-160	299D	299D		11.85	3-22383	3-22486
1942, 2003, 2006	221D	220D		(1/2 set 220-4.75) (1 set 221-5.40)	4-20377 4-22383	4-20480 4-22486
1941-40, 1900-110 1800-110 Six (late)	2002D	2002D		7.80	4-16369 4-16371	3-15474
1941, 1903A-Sup. 8-160	234	234	14.40		8-24389	3-24405
1940, 1800, 110 Six (Some early)	284D	284D		8.25	8-16371	3-16474
1940, 1801, 120-8	2003D	2003D		7.95	4-16370 4-16371	4-16474 4-16475
1940, 1801, 120-8 (Some early)	253AD	253AD		8.85	3-16371	3-16475
1940, 1803, 160-Super 8; 1806, 160-C.S. 8	220D	220D		9.45	8-20377	8-20480
1940, 1801A, 120-8; 5-160 Sup. 8-1804	299D	299D		11.85	8-22383	8-22486
1940, 1807; 8-180 Cust. Sup. 8	299D	299D		11.85	3-22383	3-22486
1940, 1802A-160 Sup. 8	234	234	14.40		8-24389	3-24405
1939-37, 1700-6; 1600-6; 1150-6	284D	284D		8.25	3-16371	3-16474
1939-37, 1701-8; 1601-8-1200	253AD	253AD		8.85	3-16371	3-16475
1939, 1702-8; 1703; 5-Sup. 8	299D	299D		11.85	8-22383	8-22486
1939-37, 1707; 8; 1607; 8; 1506; 7; 8-12-cyl.	235	235	22.20		3-30409-S	3-30512-S
1938, 1602-8 Del.; Hearse Ambulance	299D	299D		11.85	3-22383	3-22486
1938-37, 1803; 4; 5-Sup. 8; 1501; 2; 3	234	234	14.40		3-24389	3-24405
1936-35, 1400; 01; 02; 1200; 01; 2-4	271	273	17.85		2-15475 3-22427	3-22501-S 3-22522
1936-35, 1403; 04; 05; 1203; 04, 5-Sup. 8	271	273	17.85		3-15475 3-22427	3-22501-S 3-22522
1935-35, 1407; 08, 1207; 08-12-cyl	272	274	21.10		3-22480-S 3-22423	3-22501-S 3-22480
1934-33, 1137 08 1005 05-12-cyl	272	274	21.10		3-22480-S 3-22423	3-22501-S 3-22480
1934 1130 01 02 1103 04 05 Sup. 8	271	273	17.85		3-15475 3-22427	3-22501-S 3-22522
1933, 1201, 02-8 1003 04-Sup. 8	271	273	17.85		3-15475 3-22427	3-22501-S 3-22522
PLYMOUTH 1941-46 P 15 De Luxe De Luxe Sport	2002D	2002D		6.90	3-20276	3-20480

GRIZZLY BRAKE LINING

MAKE AND MODEL OF CAR	Set Required		LIST PRICE BOTH AXLES		Multiple Coverage Segments Required Both Axles	
	Front Axle	Rear Axle	Multiple Coverage Segments	Grizzly Snow Drilled Sets	Regular Size	w/ Oversize
1947-39, P-14-Del. & Spec. DeL.; P11 DeL.; P12 Spec. DeL.; P8; P10-DeL.; P9 P7-Roadking	1137D	1137D		5.70	4-20376 2-20373	4-20480 2-20481
1940-37, P1-105, P1-81, P1-57; P1-50 Com.	145D	145D		6.75	6-20376 1-20373	6-20480 1-20481
1938-37, P6; P5-DeL.; P4; P3	145D	145D		6.75	6-20376 1-20373	6-20480 1-20481
1936, P1; P2-DeL. (After July 1, 1936)	145D	145D		6.75	6-20376 1-20373	6-20480 1-20481
1936, P1; P2-DeL. (Before 7-1-36)	145D	145D		6.75	8-20376	8-20480
1935, P4; P4X	145D	145D		6.75	8-20376	8-20480
1934-33, P9; P8; P7; P6 (After Car 1817181)	187D	187D		4.95	4-14365 12-14366	6-14468
1934, PE-De Luxe	195D	195D		5.85	4-20376 12-20377	6-20480
1933, PD; PC (Before car 1817181)	179D	179D		4.95	8-14365	8-14468
PONTIAC						
1948-42, All Models 6 & 8 cyl	2086D	292D		7.80	2-16369 2-16371 2-20376 2-20377	4-16474 4-20480
1941-39, All Models 6 & 8-cyl.	292D	292D		6.90	4-16369 4-16371	8-16474
1938-35, All Models	286D	286D		7.35	4-16369 4-16371	4-16474 4-16475
1934, 8-cyl.	253D	253D		8.85	8-16371	8-16475
1933, 8-cyl.	614D	614D		5.25	6-16371	4-16474 2-16475
STUDEBAKER (Passenger)						
1948-47, 6Q Champion; 7Q	*1215D	*1215D		8.40	8-20376	8-20480
1948-47, 14A Commander; 15A	*1216D	*1216D		9.75	4-20376 4-20377	8-20480
1946-39, Champion; 5Q; 3Q; 2Q; G	1168D	1168D		6.60	4-16369 2-16373	8-16474
1942-38, Commander; 11A; 10A; 9A; 8A; 7A	1161D	1161D		7.80	4-20377 2-20379	4-20480 2-20482
1942-38, President; 7C; 6C; 5C; 4C	1160D	1160D		9.45	4-22383 2-22385	4-22486 2-22488
1937, Dictator	1145D	1145D		7.85	4-16369 4-16370	8-16474
1937, President	1148D	1148D		11.85	4-16474 4-16475	8-20501 S
1936-35, Dictator	1181D	1181D		11.70	8-16474	4-34522 S
1936, President	1182D	1182D		12.90	8-16474	4-34522 S
1935, President	1183D	1183D		13.80	8-16474	8-22501 S
1935, Commander	1192D	1192D		12.90	8-16474	4-34522 S
1934 Dict Spec. A Late models	416	416	14.70		8-16475	8-20501 S
1934 Dict A Early models	415	415	12.90		8-14468	8-20501 S
1934-32 Com B 71 56 52 55	255	255	12.90		8-14468	8-20501 S
1934-32 Pres-C Com 42 Com 71	256	256	14.70		8-16475	8-20501 S

*Car includes Two Contact Plug Axle Kits



MAKE AND MODEL OF CAR	Set Required		LIST PRICE BOTH AXLES		Multiple Coverage Segments Required Both Axles	
	Front Axle	Rear Axle	Multiple Coverage Segments	Grizzly Synchro Drilled Sets	Regular Size	4" Overize
STUDEBAKER TRUCK						
1949, 2RS (1/2-Ton)	*1216D	*1216D		9.75	Set D	3 1/2" x C
1949-47, 2R16 (Some); 2R17 (2-Ton); M17 (1 1/2-Ton)	1190D	1193D		20.15	Set D	Set x C
1949-47, 2R16 (Some); M16 (1 1/2-Ton)	1190D	1191D		23.70	Set D	Set x C
1949-46, 2R15; M15A (1-Ton)	1188D	1188D		18.75	Set D	Set x D
1949, 2R10 (3/4-Ton)	*1216D	1225D		14.20	Set D	Set x D
1949-47, M5 (1/2-Ton)	1161D	1161D		7.80	4-20377 2-20379	4-20480 2-20482
TERRAPLANE						
1938, 81-Del.; 82-Sup.; 88; 88-Com.	294D	294D		7.85	8-16370	8-16474
1937, 71-Del.; 72-Sup.; 70-Com.	294D	294D		7.65	8-16370	8-16474
1936, 61-Del.; 62-Custom	294D	294D		7.65	8-16370	8-16474
1935, G-Spec.; GU-Del.; K-Std.-6, Chall.	282D	282D		6.75	8-16369	8-16474
1934, KU-Major-6	283D	283D		8.85	8-22383	8-22486
1934, K-Commercial	282D	283D		(1/2 set 282-3.35) (1/2 set 283-4.45)	(4-16369 4-22383)	(4-16474 4-22486)
WILLYS-WILLYS-KNIGHT						
1948, 6 Pass.; 663 Station Sedan; 4-63 Station Wagon	1228D	1228D		6.45	8-16369	8-16474
1947, 2 WD-3/4 & 1-Ton; 4WD-1-Ton	1219D	1219D		8.55	4-20376 4-20377	8-20480
1948-46, 4-63 Jeep Station Wagon	1228D	1228D		6.45	8-16369	3-15474
1947-41, Americar 442; MA; MB; CJ-2A	2011D	2011D		5.85	4-16369 2-16371	8-16475
1942, PU; PD (442 Com.)	294D	294D		7.65	8-16370	3-15474
1941, 441-Americar	2007D	2007D		6.60	2-16373 4-16369	8-16474
1941-40, SC-441; SCF-441P; SC-440 Comm.	266D	266D		6.30	8-16369-G	8-15474-G
1940, 440-Speed; 440-Del.	2007D	2007D		6.60	6-16369 1-16373	4-16474 4-16474-G
1939-33, 48; 38; 37; 77A 77-Four	282D	282D		6.75	8-16369	8-16474
1939-32, SC-40 SC-38-Com.	282D	282D		6.75	8-16369	3-15474
1937-33, Panel Del.	282D	282D		6.75	8-16369	8-15474

*Set Includes Two Contact Plug Axle Kits.



GRIZZLY BRAKE LINING



For Cranes, Drag Lines, Shovels and Other Industrial Applications

Made of a special compound developed for external braking, this lining possesses all of the excellent wear and performance characteristics of other Grizzly Brake Linings because it is processed in exactly the same manner. Construction of Grizzly External Brake Lining differs only in that the wire-grid foundation is on the outer arc of the lining.

Being a full-moulded asbestos-friction compound, it is a solid body without layers or laminations thus eliminating swelling or separating, and assuring smooth, efficient, long-life service.

Sizes not included in table below are available from Paulding factory on special order—prices upon request.

LIST PRICES PER FOOT Always Measure Outside Arc

(See "A guide to this Catalog"—Page 41)

GRIZZLY EXTERNAL ROLL LINING

Width	Thickness—Inches				
	$\frac{1}{32}$ or less	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$
1	\$0.34	\$0.60	\$0.86	\$1.02	\$1.23
1 1/4	.63	.72	1.04	1.23	1.53
1 1/2	.72	.78	1.20	1.38	1.77
1 3/4	.87	.98	1.29	1.65	2.01
2	.96	.99	1.35	1.77	2.19
2 1/4	1.20	1.20	1.50	2.07	2.58
2 1/2	1.35	1.35	1.80	2.28	2.76
2 3/4	1.41	1.50	1.90	2.52	3.09
3	1.53	1.56	2.01	2.64	3.15
3 1/4	1.65	1.80	2.28	2.91	3.51
3 1/2	1.80	1.92	2.31	3.09	3.84
3 3/4	1.85	2.10	2.73	3.42	4.05
4	2.07	2.25	2.76	3.51	4.11
4 1/4	2.19	2.40	3.15	3.86	4.60
4 1/2	2.28	2.52	3.39	4.17	4.92
4 3/4	2.45	2.64	3.51	4.41	5.16
5	2.58	2.76	3.60	4.67	5.19
5 1/4	2.79	2.97	3.95	4.83	5.82
5 1/2	2.88	3.39	4.85	5.17	5.89
5 3/4	2.97	3.30	4.23	5.29	6.33
6	3.15	3.36	4.31	5.31	5.39

GRIZZLY EXTERNAL BLOCK SEGMENTS

NOTE: Block Segments must be made to required Drum Diameter; up to $\frac{3}{4}$ " thickness not to exceed 18 1/2" in length, over $\frac{3}{4}$ " thickness not to exceed 13" in length

Width	Thickness—Inches				
	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{4}$	$\frac{3}{16}$	$\frac{1}{8}$
2	\$2.81	\$3.48	\$4.11	\$4.33	\$5.55
2 1/4	3.30	3.99	4.68	5.46	6.21
2 1/2	3.69	4.29	5.16	6.06	6.87
2 3/4	4.05	4.74	5.73	6.66	7.58
3	4.41	5.16	6.21	7.20	8.25
3 1/4	4.77	5.61	6.75	7.86	8.97
3 1/2	5.19	6.06	7.26	8.40	9.63
3 3/4	5.55	6.48	7.74	8.89	10.15
4	5.89	6.87	8.25	9.63	10.88
4 1/4	6.27	7.38	8.79	10.23	11.79
4 1/2	6.66	7.74	9.39	10.83	12.62
4 3/4	6.99	8.19	9.84	11.43	13.14
5	7.38	8.53	10.35	12.03	13.80
5 1/4	7.74	9.13	10.83	12.53	14.46
5 1/2	8.17	9.45	11.34	13.22	15.12
5 3/4	8.46	9.89	11.94	13.86	15.14
6	8.79	10.35	12.39	14.46	16.50

BEAR IN MIND... ask for





For
Buses—Trucks
Tractors—Trailers—Axles
and Other Industrial Equipment

Scientifically compounded asbestos-friction material, moulded under hundreds of tons of pressure into a solid homogeneous body on a strong wire-grid foundation. Grizzly Blocks are then cured in automatically controlled baking ovens and finished by modern precision methods.

Grizzly Blocks serve longer and better—resist heat, oil and grease and are absolutely impervious to water. They do not swell, glaze or separate.

Grizzly's extra margin of safety and extra length of life make this lining the choice of commercial operators who seek economy while providing their drivers with smooth, positive braking under all loads and conditions.

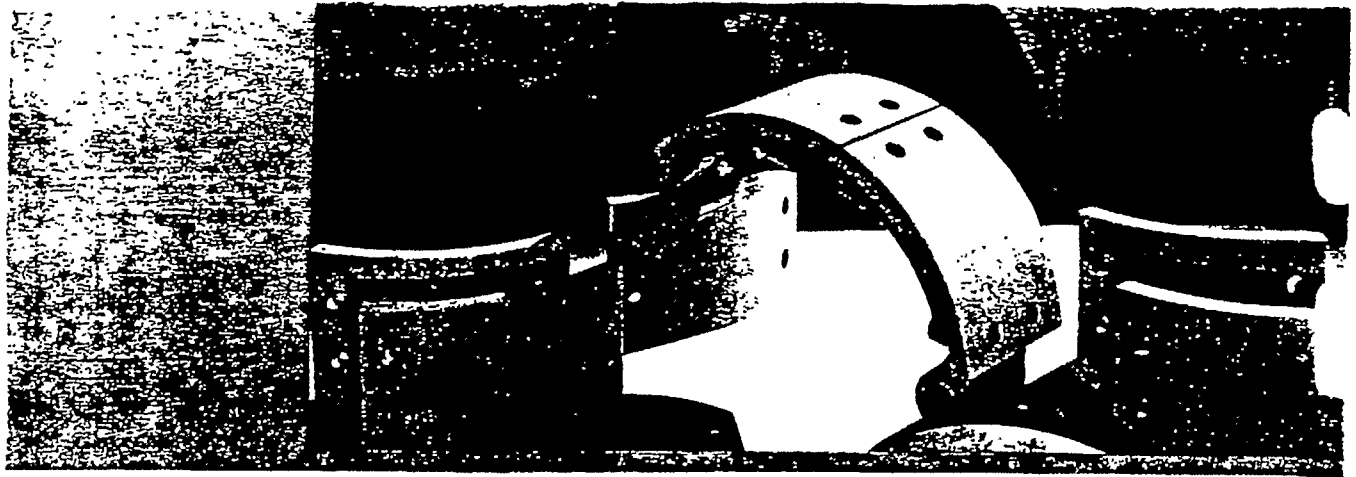
Widths, thickness and per foot List Prices—see next page.

B.L.M.A. Set Numbers—See Grizzly Time Saver (Heavy Duty Section) Page 20.

For Special Trailer, Tractor and Axle Application—see Page 20.



GRIZZLY BRAKE LINING



GRIZZLY HEAVY DUTY BRAKE LINING IN BLOCK SEGMENTS

For Many Industrial Requirements

This is a rigid type material which must be molded to correct drum diameter at the factory; up to $\frac{3}{4}$ " thickness, not to exceed $18\frac{1}{2}$ " in length, over $\frac{3}{4}$ " thickness not to exceed 13" in length.

It is furnished for either internal or external brakes—for features of Grizzly External Brake Lining see Page 20.

IMPORTANT: Always specify drum diameter in addition to outside arc length, width and thickness of lining. Also specify whether for internal or external brakes.

Sizes not included in following table are available from Paulding factory on special order. Prices upon request.

LIST PRICES PER FOOT—ALWAYS MEASURE OUTSIDE ARC

Width Inches	$\frac{1}{8}$	Thickness—Inches				$\frac{1}{2}$	1
		$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$		
2	\$2.10	\$2.31	\$3.48	\$4.11	\$4.82	\$5.55	
2 $\frac{1}{4}$	2.58	3.39	3.99	4.68	5.46	6.21	
2 $\frac{1}{2}$	2.76	3.69	4.29	5.16	5.94	6.67	
2 $\frac{3}{4}$	3.09	4.05	4.74	5.79	6.56	7.59	
3	3.15	4.41	5.16	6.21	7.20	8.25	
3 $\frac{1}{4}$	3.51	4.77	5.61	6.75	7.86	8.97	
3 $\frac{1}{2}$	3.84	5.19	6.06	7.26	8.46	9.69	
3 $\frac{3}{4}$	4.05	5.55	6.48	7.74	8.99	10.35	
4	4.11	5.86	6.87	8.25	9.63	10.99	
4 $\frac{1}{4}$	4.68	6.27	7.38	8.79	10.23	11.78	
4 $\frac{1}{2}$	4.92	6.66	7.74	9.39	10.83	12.42	
4 $\frac{3}{4}$	5.16	6.99	8.19	9.84	11.43	13.14	
5	5.19	7.39	8.59	10.35	12.10	13.89	
5 $\frac{1}{4}$	5.82	7.74	9.09	10.83	12.69	14.46	
5 $\frac{1}{2}$	6.06	8.07	9.45	11.34	13.32	15.12	
5 $\frac{3}{4}$	6.31	8.45	9.99	11.94	13.95	15.84	
6	6.31	8.79	10.35	12.39	14.46	16.59	
6 $\frac{1}{4}$	6.75	9.39	11.16	13.42	15.69	17.85	
6 $\frac{1}{2}$	7.21	9.69	12.09	14.45	16.83	19.25	
6 $\frac{3}{4}$	7.74	10.35	12.99	15.45	17.99	20.61	
8	8.25	10.95	13.89	16.59	19.29	22.05	

Note: Thickness available up to 13 feet 6 in.



BEAR IN MIND... ask for

Special Trailer Tractor-Axle Applications

FRUEHAUF TRAILER CO.

Grizzly Part No	Western Fruehauf No	Size of Block	Drum Diameter	Pcs Per Axle	Price Per Set
GB-972D	28153	5 x 3 1/4 x 8 1/2"	17 1/4" Drilled	8	\$61.20
GB-973D	2482	5 x 3 1/4 x 18 1/2"	17 1/4"	4	63.75
GB-975D	2582	6 x 3 1/4 x 18 1/2"	17 1/4"	4	74.40

Note For All Standard Fruehauf Applications See B. L. M. A. Data Book

KAY-BRUNNER AXLES

Grizzly Part No	Mfg Part No	Size of Block	Drum Diameter	Pcs Per Axle	Price Per Set
4288D	GB-400D	6 x 3 1/4 x 7 1/4"	16"	8	\$ 63.30
4289D	GB-401D	5 x 3 1/4 x 7 1/4"	16"	8	52.80
4290D	GB-402D	4 x 3 1/4 x 7 1/4"	16"	8	42.15
4297D	GB-403D	3 1/2 x 3 1/4 x 7 1/4"	16"	8	37.20
4382D	GB-404D	6 x 3 1/4 x 8 3/8"	17 1/4"	8	70.95
4347D	GB-405D	5 x 3 1/4 x 8 3/8"	17 1/4"	8	58.95
4346D	GB-406D	4 x 3 1/4 x 8 3/8"	17 1/4"	8	47.55
4345D	GB-407D	3 x 3 1/4 x 8 3/8"	17 1/4"	8	35.55
4405D	GB-615D	8 x 3 1/4 x 7 1/4"	16"	8	88.10
4344D	GB-720D	6 x 3 1/4 x 12 1/2"	12"	8	51.90
GB-888D	GB-800D	4 x 3 1/4 x 10 1/2"	18"	8	57.80
GB-881D	GB-801D	4 x 3 1/4 x 15 1/2"	14"	4	41.25
GB-882D	GB-802D	8 x 3 1/4 x 12 1/2"	20"	8	130.20
GB-883D	GB-803D	6 x 3 1/4 x 12 1/2"	20"	8	102.30
GB-882	GB-832	3 1/2 x 3 1/4 x 16 3/8"	16"	Plain	4 22.20
GB-856	GB-856	4 x 3 1/4 x 15 1/2"	16"	4	22.95
GB-857	GB-857	5 x 3 1/4 x 15 1/2"	16"	4	29.10
GB-858	GB-858	6 x 3 1/4 x 15 1/2"	16"	4	35.40
GB-856A	GB-856A	4 x 3 1/4 x 17 1/2"	16"	4	23.85
GB-857A	GB-857A	5 x 3 1/4 x 17 1/2"	16"	4	30.15
GB-858A	GB-858A	6 x 3 1/4 x 17 1/2"	16"	4	36.60
GB-859	GB-859	3 x 3 1/4 x 17 1/2"	17 1/4"	4	19.95
GB-860	GB-860	4 x 3 1/4 x 17 1/2"	17 1/4"	4	26.25
GB-861	GB-861	5 x 3 1/4 x 17 1/2"	17 1/4"	4	31.65
GB-862	GB-862	6 x 3 1/4 x 17 1/2"	17 1/4"	4	38.90
4268AD	GB-900D	6 x 3 1/4 x 10 1/2"	20"	Drilled	8 85.20
4350D	GB-960D	8 x 3 1/4 x 10 1/2"	20"	8	118.55
4255D	GB-1072D	3 x 3 1/4 x 15 1/2"	16"	4	32.10
4385D	GB-1079D	6 x 3 1/4 x 11 1/2"	14"	4	48.80
4360D	GB-1140D	6 x 3 1/4 x 18 3/4"	16"	4	77.40
4359D	GB-1141D	5 x 3 1/4 x 18 3/4"	16"	4	64.50
4361D	GB-1142D	4 x 3 1/4 x 18 3/4"	16"	4	51.60
4372D	GB-8214D	4 x 3 1/4 x 20 1/2"	17 1/4"	4	55.80
4373D	GB-8215D	5 x 3 1/4 x 20 1/2"	17 1/4"	4	69.60
4374D	GB-8216D	6 x 3 1/4 x 20 1/2"	17 1/4"	4	83.40
4355AD		4 x 3 1/4 x 10 1/2"	17 1/4"	16	55.20
4488D		4 x 3 1/4 x 9 3/4"	15"	8	48.50
4489D		5 x 3 1/4 x 9 3/4"	15"	8	62.40
4289BD		6 x 3 1/4 x 9 3/4"	15"	8	74.70

* List Price Shown is for Standard Packaged 8 Piece Set.

POINTER-WILLIAMETTE AXLE

Grizzly Part No	Mfg Part No	Size of Block	Drum Diameter	Pcs Per Axle	Price Per Set
4354D	A52	6 x 3 1/4 x 11 1/2"	20"	Drilled	8 \$92.15
4351D	A48	4 x 3 1/4 x 8 1/4"	16"	8	45.30
4352D	A49	5 x 3 1/4 x 8 1/4"	16"	8	56.70
4353D	A50	6 x 3 1/4 x 8 1/4"	16"	8	67.95

UTILITY TRAILER CO. CALIFORNIA

Grizzly Part No	Mfg Part No	Size of Block	Drum Diameter	Pcs Per Axle	Price Per Set
4429D		6 x 3 1/4 x 15 1/2"	16"	Drilled	4 \$48.30
4432D		4 x 3 1/4 x 15 1/2"	16"	4	32.25
522		3 x 3 1/4 x 15 1/2"	16"	4	16.35
4298D		4 x 3 1/4 x 15 1/2"	16"	Drilled	8 52.10
4396D		6 x 3 1/4 x 15 1/2"	16"	8	72.10

SHULER AXLE CO.

Grizzly Part No	Shuler Part No	Size of Block	Drum Diameter	Pcs Per Axle	Price Per Set
GB-907	B-466	3 x 3 1/4 x 19 1/2"	17 1/4" Plain	4	\$21.90
4187	B-466-1	3 x 3 1/4 x 19 1/2"	17 1/4"	4	19.35
4426	B-466-2	2 1/2 x 3 1/4 x 19 1/2"	17 1/4"	4	18.15
4210	B-466-3	2 1/2 x 3 1/4 x 19 1/2"	17 1/4"	4	21.45
4251	B-613-1	3 x 3 1/4 x 16 1/2"	17 1/4"	4	24.15
4252	B-613-2	4 x 3 1/4 x 16 1/2"	17 1/4"	4	32.55
4253	B-613-3	5 x 3 1/4 x 16 1/2"	17 1/4"	4	40.95
4424	B-700-1	3 x 3 1/4 x 14 1/2"	17 1/4"	4	21.15
4056D	B-718	5 1/2 x 3 1/4 x 9 3/4"	17 1/4" Drilled	8	69.45
4338	B-742-1	3 1/2 x 3 1/4 x 17"	16" Plain	4	29.25
4319	B-742-2	4 x 3 1/4 x 17"	16"	4	33.45
4321D	B-779-1	5 x 3 1/4 x 8 3/8"	16" Drilled	8	57.60
4320D	B-779-2	4 x 3 1/4 x 8 3/8"	16"	8	45.90
4106D	B-779-3	6 x 3 1/4 x 8 3/8"	16"	8	66.90
4133AD	B-979	6 x 3 1/4 x 8 3/8"	17 1/4"	8	73.20
4249D	B-1025	7 x 3 1/4 x 9"	17 1/4"	8	87.30
4320AD	B-1062-1	4 x 3 1/4 x 8 3/8"	16"	8	45.90
4321AD	B-1062-2	5 x 3 1/4 x 8 3/8"	16"	8	57.60
4322AD	B-1062-3	6 x 3 1/4 x 8 3/8"	16"	8	66.90
4383	B-867	5 x 3 1/4 x 11 3/4"	12 1/4" Plain	4	28.80
4376D	B-1228-2	6 x 3 1/4 x 9 1/2"	16 1/2" Drilled	8	76.35
4453D	B-1325	7 x 3 1/4 x 9 1/2"	16 1/2"	8	88.50

TIMKEN "P" TYPE AXLE BLOCK

Grizzly Part No		Size of Block		Drum Diameter	Pcs Per Axle	Price Per Set
4326D	1/4	x Tapered	x 9 3/4"	16 1/2" Drilled	8	\$52.65
4327D	15	x "	x 9 3/4"	15 1/2" "	8	65.70
	5	x "	x 9 3/4"			
4328D	6	x "	x 9 3/4"	16 1/2" "	8	78.90
	6	x "	x 9 3/4"			
4358D	7	x "	x 9 3/4"	16 1/2" "	8	92.10
	7	x "	x 9 3/4"			
4451D	6	x "	x 7 3/4"	16 1/2" "	8	64.20
4452D	7	x "	x 7 3/4"	16 1/2" "	8	84.45
4458D	2 1/2	x "	x 9 3/4"	16 1/2" "	8	22.85
	2 1/2	x "	x 9 3/4"			
4460D	5	x "	x 7 3/4"	16 1/2" "	8	52.25
4461D	4	x "	x 7 3/4"	16 1/2" "	8	42.45
4477D	6 1/2	x "	x 9 3/4"	16 1/2" "	8	85.50
	6 1/2	x "	x 9 3/4"			

STANDARD FORGE AND AXLE

Grizzly Part No	Mfg Part No	Size of Block	Drum Diameter	Pcs Per Axle	Price Per Set
4379	UB-1022	4 x 3 1/4 x 12 1/2"	15 1/2" Plain	4	\$36.80
4380	UB-1023	5 x 3 1/4 x 12 1/2"	15 1/2"	4	45.80
4444	UB-3802	5 x 3 1/4 x 13 1/2"	12 1/4"	4	33.30
4385A	UB-2201	5 x 3 1/4 x 13 1/2"	12 1/4"	4	36.45
4468D	UB-1118	7 x 3 1/4 x 9 1/2"	16 1/2" Drilled	8	87.30
4376	UB-1046	6 x 3 1/4 x 9 1/2"	16 1/2" Plain	8	76.35
4376BD	UB-1046-2	5 x 3 1/4 x 9 1/2"	16 1/2" Drilled	8	76.35
4456D	UB-1055	5 x 3 1/4 x 9 1/2"	16 1/2"	8	69.45

WEBER TRAILER CO.

Grizzly Part No	Mfg Part No	Size of Block	Drum Diameter	Pcs Per Axle	Price Per Set
4349D		4 x 3 1/4 x 15 1/2"	16"	Drilled	4 \$49.50
4300D		4 x 3 1/4 x 15 1/2"	16"	4	63.30
4288D		4 x 3 1/4 x 15 1/2"	16"	4	42.15
4412D		5 x 3 1/4 x 15 1/2"	16"	4	78.10



GRIZZLY BRAKE LINING

Farm Tractor Brake Lining Sets

For Model Numbers	Mfgs. Part Number	Grizzly Part Number	No. of Pcs.	Size of Segment Wide Thick Long	Drum Dia.	Type of Brakes	List Price per Set
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ALLIS-CHALMERS

D		GB-40075D	4	2 1/2 x 1 1/4 x 8 1/2"	8 1/2"	Ext.	\$ 3.60
WC: RC	U-2538-9	GB-1162-2D	4	2 1/2 x 1 1/4 x 9"	7"	Ext.	4.20

CATERPILLAR

RD7: RD6		GB-8258	6	3 1/2 x 1 1/4 x 7 1/2"	16 3/4"	Ext.	7.55
RD7: RD6		GB-40010	6	3 1/2 x 5/8 x 7 1/2"	16 3/4"	Ext.	10.10
RD9		GB-969	11	4 x 3/8 x 7 1/2"	17 1/2"	Ext.	12.05
				4 x 3/8 x 15 1/8"	17 1/2"	Ext.	

Note: GB-969 Segments countersunk for bolt heads but not drilled for rivets

JOHN DEERE

A: AN: AW 410,000 UP AO: AR: AL 250,000 UP Q-1000 UP B: BN: BW 1000 & UP BR: BO: BL 325,000 UP H	A-441	GB-40046D	4	13 1/4 x 1 1/2 x 10 1/2"	9"	Int.	3.60
	B-223	GB-40045D	4	11 1/2 x 1 1/2 x 9 1/8"	8"	Int.	2.70
	H-679	GB-40063D	4	13 1/4 x 1 1/2 x 10"	10 1/8"	Int.	3.15

FORD

8-N	3N-2021	17625D	4	2 x 3/16 x 12 1/2"	11"	Int.	4.35
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FORD FERGUSON

1946-33	92 Y2021 A	1172D All Long	4	2 x 1/4 x 15 1/2"	14"	Int.	6.15
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INTERNATIONAL FARMALL

F12: I12: O12: W12 F14: I14: O14: W14 F20 F30	15101 DA 15102 DA	Q-511-ED	4	13 1/4 x 1 1/2 x 14 1/8"	9"	Int.	3.75
		Q-449-ED	4	13 1/4 x 1 1/4 x 14"	10 1/2"	Int.	5.80

MASSEY HARRIS

101 Jr. & Std.		GB-40064D	4	13 1/4 x 1 1/8 x 10 3/4"	9"	Int.	4.50
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MINNEAPOLIS MOLINE

JTU: JTS: UTU: UTS: ZTU: ZTS:	JT 5170	GB-40075D	4	13 1/4 x 1 1/8 x 10 3/4"	9"	Int.	3.45
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Above farm tractor sets are furnished properly drilled and countersunk for rivet heads and are of the correct curvature to fit bands and shoes





To provide immediate availability of the maximum range of sizes with the smallest possible inventory—that is the purpose of the Grizzly Multiple Coverage Brake Lining Segments.

In quality of manufacture, long-life and excellent performance, Multiple Coverage Segments are identical to other Grizzly Brake Linings. In finishing, they are provided with these features, which make each segment applicable to several different requirements.

1. Slight oversize for standard application.

Oversize of .0175 on segments less than $\frac{3}{8}$ " thickness and of .020 on segments of $\frac{3}{8}$ " or greater thickness, is provided to permit application to shoes and buffing after application, thus delivering full thickness.

2. Serve several drum diameters.

Each segment (except those thicker than $\frac{1}{2}$ ") is formed to the smallest drum diameter, and still is sufficiently flexible to

be applied to shoes of the largest drum diameter in the group.

3. Provide for 1/16" oversize.

Size and grouping of Multiple Coverage Segments also makes full provision for availability of $\frac{1}{16}$ " oversize application on drums that have been turned.

4. Undrilled. All Multiple Coverage Segments are furnished undrilled, to permit shop-drilling of any size segment to any required pattern or template.

REFER TO GRIZZLY TIME-SAVER—PAGES 27 TO 44

for complete list of B.L.M.A. Set Numbers and the exact requirements in quantity and Number of Multiple Coverage Segments for each application—in both standard and $\frac{1}{16}$ " oversize



PASSENGER CAR AND LIGHT TRUCK REQUIREMENTS

of Multiple Coverage Segments for both standard and $\frac{1}{16}$ " oversize applications are also listed by Make and Model of car on pages 7 to 19.

GRIZZLY BRAKE LINING

Grizzly Prices for Passenger Cars and Light Trucks

Segment Number	Brake Lining Sizes			Drum Diam	List Price Set of 4
	Wide	Thick	Long		
14365	1 1/2"	3/4"	10 3/4"	10"	\$ 3.15
14366	1 1/2"	3/4"	12 1/2"	10	3.90
14367	1 1/2"	3/4"	15 1/2"	11	4.45
14468	1 1/2"	3/4"	14 1/2"	11	6.45
16369	1 3/4"	3/4"	10 3/8"	10	3.60
16370	1 3/4"	3/4"	11 3/8"	10	3.90
16371	1 3/4"	3/4"	13 3/8"	11	4.50
16372	1 3/4"	3/4"	15 3/8"	12	4.95
16373	1 3/4"	3/8"	17 1/4"	12	5.70
16474	1 3/4"	1/2"	12 1/2"	11	6.15
16475	1 3/4"	1/2"	15 1/2"	11	7.35
20376	2"	3/8"	10 1/2"	10	3.90
20377	2"	3/8"	12 1/2"	10	4.80

Segment Number	Brake Lining Sizes			Drum Diam	List Price Set of 4
	Wide	Thick	Long		
20378	2"	3/8"	15 1/2"	11"	\$ 6.00
20379	2"	3/8"	17 1/2"	12	7.65
20480	2 1/4"	3/4"	12 1/2"	11	6.45
20481	2 1/4"	3/4"	15 1/2"	12	7.80
20482	2 1/4"	3/4"	17 1/2"	12	8.65
22383	2 1/4"	3/4"	13"	11	5.70
22384	2 1/4"	3/4"	15 1/2"	12	7.20
22385	2 1/4"	3/4"	17 1/2"	12	7.80
22486	2 1/4"	3/4"	13 1/2"	12	8.10
22487	2 1/4"	3/4"	15 1/2"	12	9.45
22488	2 1/4"	3/4"	17 1/2"	12	10.65
24389	2 1/2"	3/8"	14 1/2"	12	7.20
24390	2 1/2"	3/8"	18 1/2"	14	9.45

For Truck, Tractor, Trailer, Bus and Axle Application

Segment Number	Brake Lining Sizes			Drum Diam	List Price Set of 4
	Wide	Thick	Long		
20501	2"	3/8"	17 1/2"	14"	\$11.25
22502	2 1/4"	3/8"	17 1/2"	15	13.65
22603	2 1/4"	3/8"	17 1/2"	15	15.30
22804	2 1/4"	1/2"	17 1/2"	15	18.45
24405	2 1/2"	1/4"	16 1/4"	15	11.10
24406	2 1/2"	1/4"	19 3/8"	15	13.05
24507	2 1/2"	3/8"	19 3/8"	15	16.85
30308	3"	3/4"	19 3/4"	15	11.40
30409	3"	1/4"	15"	16	11.10
30410	3"	1/4"	18 3/4"	16	13.80
30411	3"	1/4"	21 1/2"	16	15.90
30512	3"	3/8"	15"	16	14.55
30513	3"	3/8"	18 3/4"	16	17.85
30614	3"	3/8"	15"	16	16.05
30615	3"	3/8"	18 3/4"	16	20.25
30716	3"	1/2"	18 3/4"	16	22.20
30817	3"	1/2"	17 1/2"	16	24.30
30818	3"	1/2"	18 3/8"	16 1/2	20.85
34419	3 1/2"	1/4"	13 3/8"	16	11.55
34420	3 1/2"	1/4"	17 1/8"	16	14.70
34421	3 1/2"	1/4"	20 1/2"	16	17.55

Segment Number	Brake Lining Sizes			Drum Diam	List Price Set of 4
	Wide	Thick	Long		
34522	3 1/2"	3/8"	13 3/8"	16"	\$15.45
34523	3 1/2"	3/8"	17 1/2"	16	19.50
34624	3 1/2"	3/8"	17 1/2"	16	22.35
40426	4"	1/4"	15 1/4"	16	15.30
40427	4"	3/4"	18 1/2"	16	18.45
40528	4"	3/4"	15 1/2"	16	20.40
40529	4"	3/4"	18 1/2"	16	22.85
40630	4"	3/8"	15 3/4"	16	22.20
40631	4"	3/8"	18 3/8"	16 1/2	25.95
40732	4"	1/2"	15 1/4"	16	24.30
40733	4"	1/2"	18 3/8"	17	28.65
40834	4"	1/2"	15 1/2"	16	29.70
40835	4"	1/2"	17 1/2"	16 1/2	33.45
44838	4 1/2"	1/2"	19"	16	30.75
50539	5"	1/2"	19 1/2"	17	31.80
50640	5"	3/8"	19 1/2"	16 1/2	33.90
50741	5"	1/2"	19 1/2"	16 1/2	37.50
50842	5"	1/2"	17 3/8"	16	40.95
50845	5"	3/8"	16 1/2"	16	34.95
50846	5"	1/2"	17 3/8"	16 1/2	48.15

Grizzly Segments for Disc (Tru-Stop) Brakes

Full impregnated asbestos friction on non-scoring material. Greater resistance to heat and wear. Longer life.

Segment	Wide	Thick	Long	List Price Per Set	Segment	Wide	Thick	Long	List Price Per Set
MS 542D	4"	1/2"	15 1/2"	\$5.55	MS 559D	4"	1/2"	15 1/2"	18.00
MS 556D	4"	1/2"	15 1/2"	5.55	MS 563D	4"	1/2"	15 1/2"	6.45
MS 557D	4"	1/2"	15 1/2"	6.15	MS 576D	4"	1/2"	15 1/2"	6.45
MS 558D	4"	1/2"	15 1/2"	6.45	All sets for disc and counter-shaft				





THE GRIZZLY TIME-SAVER

Arranged By B.L.M.A. Numbers Tells Instantly . . .

- 1** Complete dimensional data, including drum diameter; width, thickness and length of lining and number of pieces required.
- 2** List prices of Grizzly Syncro Drilled Sets where available; Multiple Coverage Segments where drilled sets are not available.
- 3** Quantity and Numbers of Grizzly Multiple Coverage Segments, in both standard thickness and $\frac{1}{8}$ inch over-size, which are required to service each respective B.L.M.A. Number.
- 4** List prices for full quantity of Roll, External and Disc Segment Linings, where required.

How to Use the Grizzly Time-Saver: B.L.M.A. Set Numbers may be obtained for the more popular passenger cars and trucks by referring to the alphabetical listing on pages 7 to 19 of this catalog, and for those vehicles not listed therein, you may refer to the B.L.M.A. Data Book. After ascertaining the B.L.M.A. Set Numbers required, reference to the numerical listings on pages 27 to 42 of this catalog will determine the list price of the drilled and boxed sets, if such prices appear in the "Grizzly Syncro" column. If drilled and boxed sets are not available, the prices and specifications appearing in the "Multiple Coverage" columns apply. The following examples will demonstrate the manner of computing prices:

Example No. 1 Buick 1947, 70 Series. Page No. 7 of the alphabetical section shows the same set (No. 2005D) on both front and rear axle is required. Reference to Page No. 38 of the numerical listing indicates that 2005D is an eight-piece set to service both axles and is available in a boxed and drilled Grizzly Syncro set at \$10.65.

Example No. 2 Chevrolet Truck, 1946, Model SA. B.L.M.A. Data Book or alphabetical listing of this catalog calls for set No. 644D on front, 654D on rear. Page No. 33 of this catalog indicates both are available in Grizzly Syncro sets of 4 pieces, each for one axle only, at \$6.45 and \$11.85 respectively. Total list price of lining for both axles will be \$18.30.

Example No. 3 Graham 140, DeLuxe 6-108. You will note this vehicle requires the same set (No. 199) for both front and rear axle. Reference to Page 29 of this catalog indicates that No. 199 is not available in a Grizzly Syncro drilled set. The price shown \$6.15 in the "Multiple Coverage Segments Required" column is the cost of one set of 4 Multiple Coverage Segments No. 16474. Since one set of segments will be needed for each axle, the total list price of lining for both axles will be \$12.30.

(For complete description and specification data pertaining to Multiple Coverage Segments please refer to Page 26 of this catalog).



**The double asterisk denotes a 40" Series B.L.M.A. number which can be serviced with Roll Lining of the proper width and thickness.

"G" Indicates segment will require slight grinding to lower thickness.

"S" Indicates segment will require slight sanding or grinding.

"X" For prices of oversize sets see page No. 5.

GRIZZLY BRAKE LINING

B.L.M. 4. Set Number	Drum Diameter Inches	Size of Lining Inches Wide Thick Long	Pieces Required Per Set	List Price Per Set		Multiple Coverage Segments Required		Rivets Required	
				Multiple Coverage Segments Required	Drilled and Boxed Sets Available	Crizzly Synchro	Standard Thickness	1 1/8 Inch Oversize	Size No
101D	14	1 1/2 x 3/16 x 12 1/2	4		7.00	4-16369 4-16371	8-16474	4-5	72
102	14	1 1/2 x 3/16 x 15 1/2	2	4.45		2-16370 2-16372	2-16474 2-16476	4-5	36
104D	14	1 1/2 x 3/16 x 9 1/2	4		5.55	4-14365 4-14366	8-14468		
105D	14	1 1/2 x 3/16 x 13	2		4.95	2-16371 2-16372	4-16475	4-5	64
106	15	2 x 3/16 x 12 1/2	2	5.40		2-20377 2-20378	2-20480 2-20481	4-5	44
107D	16	2 1/4 x 3/16 x 13 1/2	2		6.90	2-22384 2-22385	2-22486 2-22488	4-4	52
109D	14	1 1/2 x 3/16 x 17	4		5.85	4-16373	4-20482-S	5-4	48
110	17 1/4	4 x 3/4 x 13 3/4	2	16.85		2-40426 2-40427	2-40528 2-40529	7-8	56
111D	16	2 1/4 x 3/16 x 17 1/4	4		7.95	4-22385	4-22488	7-4	56
112	16 1/2	3 x 3/4 x 17 1/4	4	12.00		4-30410	4-30513	7-8	56
113A	15	2 1/4 x 3/16 x 16 1/2	4	7.80		4-22385	4-22488	7-6	56
117	16	2 1/4 x 3/4 x 14	2	10.85		2-22487 2-22488	4-22502	7-8	
118D	16	3 1/2 x 3/4 x 12 1/2	2		12.00	2-34419 2-34420	2-34522 2-34523	8-8	56
120D	16	3 x 3/4 x 12 1/2	2		11.55	2-30409 2-30410	2-30512 2-30513	7-6	56
123	16	2 1/4 x 3/4 x 17 1/2	4	10.85		4-22488	4-22502	7-6	64
124	16	3 1/2 x 3/4 x 17	4	14.70		4-34420	4-34523	8-8	64
131	17 1/4	4 x 3/16 x 14 3/16	2	22.15		2-40528 2-40529	2-40630 2-40631	7-10	
132D	10	1 1/2 x 3/16 x 10 3/16	4		8.15	4-14365	4-14468	4-4	32
134D	16	2 1/4 x 3/4 x 13 3/4	2		9.30	2-22486 2-22488	4-22502	5-4	56
142	17 1/4	5 x 3/16 x 15 1/2	2	31.00		4-50539	4-50640		
145D	10	2 x 205 x 10 3/16	8		6.75	8-20376	8-20480	4-5	64
147	17 1/4	3 x 3/16 x 14	2	16.20		2-30512 2-30513	2-30614 2-30615	7-10	
151	16	1 1/2 x 3/16 x 17	4	5.70		4-16373	4-20482-S		
152	15	2 1/4 x 3/16 x 15 1/2	4	7.20		4-22384	4-22487	7-6	56
153D	16	2 1/4 x 3/4 x 12 1/2	2		9.15	2-22486 2-22488	4-22502	7-6	56
153AD	16	2 1/4 x 3/4 x 12 1/2	2		9.15	2-22486 2-22488	4-22502	7-6	56
154	17 1/4	3 x 3/16 x 14	4	14.55		4-30512	4-30614	7-8	48
159	15 1/4	2 1/4 x 3/4 x 14 1/2	2	15.30		4-22603	4-22804-G	7-10	
160	15	2 1/4 x 3/4 x 16	4	10.65		4-22488	4-22502		
162	16	2 x 3/4 x 17 1/2	4	25.95		4-40631	4-40733	7-10	
164	16 1/4	2 1/4 x 3/4 x 16 1/2	4	15.30		4-22603	4-22804-G	7-10	
165	16	5 x 3/4 x 17 1/2	4	31.50		8-50741		7-10	
169	16 1/4	2 1/4 x 3/4 x 14 1/2	2	15.30		4-22603	4-22804-G	7-10	52

BEAR IN MIND... ask for





B.L.M.A. Set Number	Drum Diameter Inches	Size of Lining Inches Wide Thick Long	Pieces Required Per Set	List Price Per Set		Multiple Coverage Segments Required	Multiple Coverage Segments Required		Returns Required	
				Drilled and Bored Sets Available	Grizzly Synchro		Standard Thickness	1 to 10 Oversize	Size	No.
178D	16 1/4 15 1/4	3 1/2 x 3/8 x 12 3/4 3 1/2 x 3/8 x 17 1/16	2 2		20.55	4-34624	2-40732 S 2-40733 S	4-5	56	
178AD	15 1/4 15 1/4	3 1/2 x 3/8 x 12 3/4 3 1/2 x 3/8 x 17 1/16	2 2		20.55	4-34624	2-40732 S 2-40733 S	4-5	56	
171	17 1/4	3 x 5/16 x 13 1/16	4	14.55		4-30512	4-30614			
172	13	2 x 3/16 x 14 1/2	4	6.00		4-20378	4-20481	4-5	55	
174D	13 13	2 x 3/16 x 11 1/4 2 x 3/16 x 12 1/2	4 4		9.30	8-20377	8-20480	4-5	72	
175	15 15	2 x 3/16 x 14 1/2 2 x 3/16 x 15 1/8	2 2	6.00		4-20378	4-20481	4-5	44	
177	15 15	1 3/4 x 3/16 x 11 1/4 1 3/4 x 3/16 x 15 1/8	2 2	4.45		2-16370 2-16372	2-16474 2-20481-S	4-5	40	
178D	16 16	2 1/2 x 1/4 x 12 3/4 2 1/2 x 1/4 x 17	2 2		10.20	2-24405 2-24406	4-24507	5-4	56	
178D		Use 179-187 D								
179-187D	10 10	1 1/2 x 3/16 x 8 3/4 1 1/2 x 3/16 x 10 1/8	4 4		4.95	8-14365	8-14468	4-4	54	
180	16 16	3 x 3/4 x 12 1/2 3 x 3/4 x 16 3/8	2 2	12.45		2-30409 2-30410	2-30512 2-30513			
182	13 13	2 x 3/16 x 11 1/4 2 x 3/16 x 14 1/16	2 2	5.40		2-20377 2-20378	2-20480 2-20481	4-5	55	
183	12	1 3/4 x 3/16 x 12 3/4	4	4.50		4-16371	4-16474			
184D	14	2 x 3/8 x 16 1/16	4		8.40	4-20482	4-20501	4-6	56	
185D	16 16	2 1/4 x 3/16 x 14 1/2 2 1/4 x 3/16 x 17 1/16	2 2		7.20	2-22384 2-22385	2-22487 2-22488	5-4	52	
186D	16 16	3 1/2 x 1/4 x 12 3/4 3 1/2 x 1/4 x 17 1/16	2 2		13.20	2-34419 2-34420	2-34522 2-34523	4-6	56	
187D		Use 179-187 D								
189D	16 1/4 16 1/4	2 1/4 x 3/8 x 12 3/4 2 1/4 x 3/8 x 17 1/4	2 2		13.05	4-22603	4-22804-G	7-6	56	
190	16 16	2 1/4 x 3/16 x 12 3/4 2 1/4 x 3/16 x 17	2 2	6.75		2-22383 2-22385	2-22486 2-22488			
191	17 1/4 17 1/4	4 x 1/4 x 13 1/4 4 x 1/4 x 17 1/8	2 2	16.85		2-40426 2-40427	2-40523 2-40429			
192D	11	2 x 205 x 11 1/2	8		7.20	8-20377	8-20480	4-5	64	
192AD	11	2 x 205 x 11 1/2	4		3.75	4-20377	4-20480	4-5	40	
192A-1161AD	11 11	2 x 205 x 8 3/4 2 x 205 x 11 1/2	2 6		6.90	8-20377	8-20480	4-5	76	
193	13	2 x 3/4 x 12 3/4	4	6.45		4-20480	4-20501	4-5	40	
194	15	2 1/2 x 1/4 x 15 1/8	4	11.10		4-24405	4-24507	4-5	48	
195D	10 10	2 x 205 x 6 1/4 2 x 205 x 10 1/8	4 4		5.35	4-20376 2-20377	5-20480	4-4	56	
196D	15 15	2 1/4 x 3/8 x 12 1/2 2 1/4 x 3/8 x 15 1/8	2 2		6.60	2-22383 2-22384	2-22486 2-22487	4-4	54	
197	17 1/4 17 1/4	5 x 3/16 x 14 1/4 5 x 3/16 x 18 1/8	2 2	26.00		8-20377	8-20480			
198	17 1/4 17 1/4	4 x 3/16 x 15 1/8 4 x 3/16 x 18 1/8	2 2	22.10		4-20377 4-20480	4-20480 4-20481			
199	13	2 x 3/4 x 12	4	6.15		4-20480	4-20501	4-5	40	
210D	14	2 x 3/8 x 15 1/8	4		6.00	4-20378	4-20481	4-4	48	
215D	14	2 x 3/8 x 15 1/8	4		7.00	4-20481	4-20501	4-5	48	
216D	15	2 1/2 x 1/4 x 15 1/8	4		14.85	4-24507	4-20501	4-5	56	

GRIZZLY BRAKE LINING

B.L.M.A. Set Number	Drum Diameter Inches	Size of Lining Inches Wide Thick Long			Pieces Required Per Set	List Price Per Set					Rivets Required	
						Multiple Coverage Segments Required	Drilled and Bored Sets Available	Multiple Coverage Segments Required				
								Grizzly Synaro	Standard Thickness	1 16 Inch Oversize	Size	No
217D	16	3	x 3/8	x 19 1/2	4		20.70	Set 217	Set 217X	7-10	68	
218D	15	2 1/4	x 1/4	x 16 1/2 2 1/4 x 1/4 x 18 1/2	2 2		10.50	2-22488 2-24406-S	2-22502 2-24507 S	4-8	58	
219D	16	2 1/2	x 1/4	x 17 3/8 2 1/2 x 1/4 x 19 3/8	2 2		12.75	4-24406	4-24507	7-5	68	
220D	12	2	x 3/16	x 11 1/2 2 x 3/16 x 12 1/2	4 4		9.45	8-20377	8-20480	4-5	80	
221D	12	2 1/4	x 3/16	x 11 1/2 2 1/4 x 3/16 x 12 1/2	2 2		5.40	4-22383	4-22486	4-5	80	
223	14	2 1/4	x 1/4	x 13 1/2 2 1/4 x 1/4 x 15 1/2	2 2	8.85		2-22486 2-22487	4-22502	4-5	68	
224	14	2 1/4	x 1/4	x 12 3/8 2 1/4 x 1/4 x 15 3/8	2 2	8.35		2-22486 2-22487	Roll Roll	4-5	68	
226	13	1 3/4	x 3/16	x 14 1/4	4	4.80		4-16372	4-16475	4-5	48	
227D	12	1 3/4	x 3/16	x 13 3/4	4		4.85	4-16371	4-16475	5-4	40	
231	15	2	x 3/16	x 16 3/4	4	7.85		4-20379	4-20482	5-4	48	
232D	16	2 1/2	x 1/4	x 17 3/8	4		12.80	4-24406	4-24507	4-5	64	
234	12	2 1/2	x 3/16	x 12 1/2	4	6.75		4-24389	4-24405	4-5	56	
235	14	2 3/4	x 1/4	x 15 1/2	4	11.25		4-30409-S	4-30512-S	4-5	68	
236D	16	2	x 1/4	x 17 3/8	4		9.15	4-20482	4-20501	5-4	64	
237D	10	2	x 3/16	x 11 1/2	8		8.55	8-20377	8-20480	4-4	80	
238D	17	3	x 3/16	x 18 3/8	4		10.45	4-30513	4-30615	7-8	64	
239D	15	2 1/4	x 3/16	x 16 3/4	4		7.80	4-22385	4-22488	4-4	48	
244D	17 1/4	4	x 3/8	x 18 1/2	4		27.45	4-40631	4-40733	7-6 7-10	64	
245D	17 1/4	5	x 3/8	x 18 1/2	4		24.35	4-50640	4-50741	7-8	128	
246D	17	3	x 3/8	x 18 1/2	4		20.85	4-30615	4-30716	7-6 7-10	64	
247D	17 1/4	3	x 1/4	x 18 1/4	4		13.80	4-30410	4-30513	7-6	64	
248D	17	4	x 1/4	x 18 1/4	4		18.80	4-40427	4-40529	7-6	64	
253D	12	1 3/4	x 3/16	x 12 1/2	8		8.85	8-16371	8-16475	4-4	80	
253AD	12	1 3/4	x 3/16	x 12 1/2	8		8.85	8-16371	8-16475	4-4	80	
254D	12	1 1/2	x 3/16	x 12 1/2	4		3.75	4-14366	4-14468	4-4	40	
255	12	1 1/2	x 1/4	x 13 3/8	4	6.30		4-14468	4-20501-S	4-5		
256	13	1 3/4	x 1/4	x 14 1/2	4	7.20		4-15475	4-20501-S	4-5		
257D	15	2 1/4	x 1/4	x 16 3/8	4		9.00	4-22488	4-22502	4-5	64	
259D	11	1 3/4	x 3/32	x 11 3/4	8		7.65	8-15371-G	8-16474-G	4-5	80	
260D	12	1 3/4	x 1/4	x 13 1/4	4		6.30	4-15475	4-20501-S	4-4	40	
261D	15	2 1/4	x 1/4	x 16 3/4	4		10.35	4-22488	4-22502	5-4	48	
264D		Use 246D										
266D	9	1 3/4	x 3/32	x 9 1/2	8		6.30	8-15359-G	8-16474-G	4-4	20	
277	14	1 3/4	x 1/4	x 15 1/4 1 3/4 x 1/4 x 15 1/8	2 2	8.55		2-15475 2-22487	2-20501-S 2-22502	4-5	48	
272	15	1 1/2	x 1/4	x 16 1/8 1 1/2 x 1/4 x 15 1/8	2 2	9.30		2-22482-S 2-24405	2-22501-S 2-24507	4-5	48	
273	14	1 3/4	x 1/4	x 15 1/8	4	9.30		4-22487	4-22502	4-5	48	
274	15	2 1/2	x 1/4	x 16 1/8	4	11.10		4-24405	4-24507	4-5	48	
276D	9	1 3/4	x 3/32	x 9 1/2	8		1.15	8-15359-G	8-16474-G	4-4	20	
277D	11	1 3/4	x 3/16	x 11 3/4	8		11.10	8-22383	8-22486	4-4	80	





B.L.M.A. Set Number	Drum Diameter Inches	Size of Lining Inches Wide Thick Long	Pieces Required Per Set	List Price Per Set				Multiple Coverage Segments Required		Rivets Required	
				Multiple Coverage Segments Required	Drilled and Bored Sets Available	Grizzly Synaro	Standard Thickness				
279	12	1 3/4 x 3/16 x 14 3/4	4	4.95			4-16372	4-16473	4.4	32	
280	11	2 1/4 x 3/16 x 11 3/4	4	5.55			4-22383-G	4-22485-G	4.4	32	
281D	12	2 x 3/16 x 12 3/4	8		9.90	8-20377	8-20480	4.4	4.4	32	
282D	9	1 3/4 x 3/16 x 9 1/4	3		6.75	8-16369	8-16474	4.4	4.4	32	
283D	9	2 1/4 x 3/16 x 9 1/4	8		8.85	8-22383	8-22486	4.4	4.4	32	
284D	11	1 3/4 x 3/16 x 11 3/4	8		8.25	8-16371	8-16474	4.4	4.4	32	
284-287D	10 10	1 3/4 x 3/16 x 12 2 x 3/16 x 12	4 4		7.85	{ 4-16371 4-20377 }	4-16474 4-20480				
285	16	2 1/2 x 3/4 x 16 1/4	4	11.10		4-24405	4-24507	5.5	5.5	56	
286D	12 12	1 3/4 x 3/16 x 10 3/4 1 3/4 x 3/16 x 12 3/4	4 4		7.35	{ 4-16369 4-16371 }	4-16474 4-16475	4.4	4.4	80	
286AD		Use 286D									
287D	11	2 x 3/16 x 11 3/4	8		8.85	8-20377	8-20480	4.4	4.4	32	
289	14	2 x 3/16 x 15 3/4	4	10.65		4-20501	4-22603-S	4.5	4.5	48	
290D	16	3 x 3/8 x 18 3/8	4		20.55	4-30615	4-30716	7.6 7-10	7.6 7-10	64	
291D	15	2 1/2 x 3/16 x 17 3/8	4		14.85	4-24507	4-30615-S	4.5	4.5	64	
292D	{ 11 11	1 3/4 x 3/16 x 9 1/4 1 3/4 x 3/16 x 11 3/4	4 4		6.90	{ 4-16369 4-16371 }	8-16474	4.4	4.4	80	
292AD	{ 11 11	1 3/4 x 3/16 x 9 1/4 1 3/4 x 3/16 x 11 3/4	2 2		3.60	{ 2-16369 2-16371 }	4-16474	4	4	36	
292-296D	{ 11 11 11 11	1 3/4 x 3/16 x 9 1/4 1 3/4 x 3/16 x 11 3/4 2 x 3/16 x 9 1/4 2 x 3/16 x 11 3/4	2 2 2 2		7.80	{ 2-16369 2-16371 2-20376 2-20377 }	4-16474 4-20480	4.4	4.4	80	
293D	10	2 x 3/16 x 11 3/4	8		6.10	8-20377-G	8-20480-G	4.4	4.4	32	
294D	10	1 3/4 x 3/16 x 11 3/4	8		7.65	8-16370	8-16474	4.4	4.4	32	
294A-2924D	{ 10 10	1 3/4 x 3/16 x 11 2 1/4 x 3/16 x 11	4 4		7.85	{ 4-16370 4-22383 }	4-16474 4-22486				
295D	{ 14 14	2 x 3/4 x 15 3/4 2 x 3/4 x 12 3/4	4 4		14.10	{ 4-20480 4-20481 }	8-20501	4.5	4.5	96	
296D	{ 12 12	2 x 3/16 x 10 3/4 2 x 3/16 x 12 3/4	4 4		8.40	{ 4-20376 4-20377 }	8-20480	4.5	4.5	32	
297D		Use 239D									
298D		Use 244D									
299D	12	2 1/4 x 3/16 x 12 3/4	8		11.85	8-22383	8-22486	4.5	4.5	32	
299AD		Use 299D									
299BD		Use 299D									
310D	11	1 1/2 x 3/16 x 14 3/8	8		5.70	8-14367	8-14468	5.4	5.4	32	
313D	10 1/2	1 1/2 x 3/16 x 8 3/8	4		2.40	4-14365-G	1-30410-S	5.4	5.4	32	
316	19	5 x 3/4 x 59 1/2	2	45.00		Roll	Roll				
Ext. 324	11	4 x 3/4 x 29 3/16	1	7.50		External	External				
331	14	2 x 3/16 x 15 1/2	4	6.90		4-20379	4-20480				
Ext. 336	{ 11 11	2 x 3/16 x 13 1/4 2 x 3/16 x 15 1/4	2 2	5.85		External	External	4.5	4.5		
337	18	4 x 3/4 x 18 1/2	4	18.50		4-20487	4-20509	7.8	7.8	32	
339D	18	3 1/2 x 3/4 x 18 1/2	4		16.35	4-30481	4-30509-S	7.8	7.8	32	
340D	20	3 1/2 x 3/4 x 21	4	17.85		Roll	Roll	5.8	5.8	32	
Ext. 341A	11	2 x 3/16 x 33 3/4	2	6.45		External	External	4.5	4.5		

GRIZZLY BRAKE LINING

B L M A Set Number	Drum Diameter Inches	Size of Liner Inches Wide Thick Long	Pieces Required Per Set	List Price Per Set		Multiple Coverage Segments Required		Rivets Required	
				Multiple Coverage Segments Required	Drilled and Bored Sets Available Grizzly Synchro	Standard Thickness	1 16 Inch Oversize	Size	No.
354	17	3 x 1/4 x 17 1/2	4	19.65		4-20410	4-20513	7-8	48
355	15	3 x 1/4 x 15 1/2	4	12.90		4-20410	4-20513		
377	16	2 1/2 x 1/4 x 15 1/2	4	9.45		4-24390	4-24406		
Ext. 380	21 1/2	3 3/4 x 1/16 x 13 1/16	2	8.35		External	External	7-8	32
410	14	2 x 3/16 x 13 1/16	4	7.20		4-20379	4-24406-S	7-8	
412D	11	1 3/4 x 1/16 x 14 1/16	4		5.10	4-16372	4-16475	7-5	44
414	12	2 x 3/16 x 15 1/16	4	6.00		4-20378	4-20481	7-5	
415	11	1 1/2 x 1/4 x 14 1/2	4	6.00		4-14468	4-20501-S	5-5	
416	11	1 3/4 x 1/4 x 14 1/2	4	7.35		4-16475	4-20501-S	7-5	
504	21	3 3/4 x 1/4 x 15 1/8	8	30.45		8-40426-S	8-40528-S	7-8	64
505	24	4 x 1/4 x 17 3/4	8	36.80		8-40427	8-40529		
507	17 1/4	5 x 3/16 x 12 3/8	8	40.75		Roll	Roll	7-10	
515D	12	1 1/2 x 3/16 x 15 1/8	8		7.85	8-14367	8-20481-S	5-4	80
516D		Use 515D							
520D	10 10	1 1/2 x 3/16 x 5 1/2 1 1/2 x 3/16 x 10 1/2	4 4		4.80	6-14365	6-14468	5-4	72
522	16	3 1/2 x 3/16 x 15	4	16.95		4-34523	4-34624		
Ext. 523	10	4 x 1/4 x 5 1/2	4	8.35		Roll	Roll	7-8	24
533D	14 14	1 3/4 x 3/16 x 7 3/4 1 3/4 x 3/16 x 14 1/2	4 4		7.45	6-16372	4-16474 4-16475	7-5	38
535D	15 15	2 x 3/16 x 8 1/2 2 x 3/16 x 15 1/2	4 4		9.15	4-20376 4-20378	6-20482	7-5	88
MS-542D		Disc Segment	4		5.55			7-8	32
548D	11 1/2 11 1/2	1 1/2 x 3/16 x 5 1/2 1 1/2 x 3/16 x 11 1/2	4 4		4.80	6-14366	6-14468	5-4	72
549D	11 1/2	1 3/4 x 3/16 x 4 1/4	4		1.50	1-16373	1 1/2-16474	5-4	24
Ext. 550	11	6 x 1/4 x 12	2	9.45		External	External	7-8	32
Ext. 551	10	4 x 1/4 x 11 1/2	2	6.15		External	External	7-8	20
Ext. 554D	15	3 x 1/4 x 16 1/4	4		12.45	External	External	7-8	48
555D	14	2 1/2 x 1/4 x 18 3/8	4		9.80	4-24406	4-24507	7-6	56
MS-556D		Disc Segment	4		5.55			7-8	32
MS-557D		Disc Segment	4		6.15			7-8	32
MS-558D		Disc Segment	4		6.45				
MS-559D		Disc Segment	4		6.80			7-8	32
MS-560D		Disc Segment	4		6.45			7-8	32
562D	16 16	2 1/2 x 1/4 x 9 1/2 2 1/2 x 1/4 x 16 1/2	2 2		6.75	2-24405 1-24455	3-24507	5-5	48
563D	16	2 1/2 x 1/4 x 6 1/2	4		4.65	1 1/2-24405	1 1/2-24507	5-5	32
567	16	3 1/2 x 1/4 x 11 1/2	3	25.95		Roll	Roll		
MS-576D		Disc Segment	4		6.45			7-8	32
Ext. 577		2 x 1/4 x 35 3/8	2	6.80		External	External		
580		4 x 1/4 x 17 1/2	4	24.75		4-40509	4-40601	7-8	64
581		2 x 1/4 x 13 1/2	4	31.80		4-50509	4-50640	7-8	
586	12	4 x 1/4 x 10 1/2	4	19.35		Set 586	Set 586		
587		2 x 1/4 x 13 1/2	4	11.70		4-30308	4-30411	7-7	48
590	17 1/4	5 x 1/4 x 12	4	34.35		Roll	Roll	7-10	80

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B.L.M.A Set Number	Drum Diameter Inches	Size of Lining Inches Wide Thick Long	Pieces Required Per Set	List Price Per Set		Multiple Coverage Segments Required	Drilled and Bored Sets Available		Multiple Coverage Segments Required		Rivets Required	
				Grizzly Synaro	Standard Thickness		1 to 10 Inch Oversize	Size	No			
592	17 1/4	3 x 3/8 x 17 1/2	4	18.15				4-20513	4-20513	7-6	64	
593	16 16	1 1/2 x 3/4 x 14 1/2 1 5/8 x 3/4 x 15 1/2	4 2	11.40				4-16475-S 2-20481-S	4-20501-S			
594	16 16	2 1/2 x 3/4 x 14 3/8 2 1/2 x 3/4 x 16 1/8	4 2	15.75				6-24405	6-24507			
Ext. 597	10	4 x 3/4 x 3 1/4	2	4.20				External	External	7-10	20	
Ext. 603	11 1/2 11 1/2 11 1/2	7 x 3/4 x 10 7 x 3/4 x 11 7 x 3/4 x 12	1 1 1	15.90				External	External			
604	18	3 1/2 x 1/4 x 9 3/8	8	17.55				4-34421	Set 504X			
606	18	3 x 3/4 x 15	6	16.85				6-30409	6-30512			
609	18	4 x 1/4 x 15	6	23.70				6-40426	6-40529			
612	17	2 1/2 x 1/4 x 13	4	10.85				4-24405	4-24507			
613	20	4 x 1/4 x 24	4	24.30				Roll	Roll			
614D	12 12	1 3/4 x 3/8 x 6 1/2 1 3/4 x 3/8 x 12 1/2	4 4		5.25			6-16371	2-16475 4-16474	5-4	72	
620	17 1/4	2 3/4 x 3/8 x 19 3/8	4	11.40				4-30308-S	4-30411-S			
621	17 1/4	4 x 3/8 x 20 3/8	4	26.85				Roll	Roll	7-10	78	
625	16	2 1/4 x 1/4 x 19	4	11.85				4-24406-S	4-24507-S			
627D	12	1 3/4 x 3/8 x 12 3/8	8		7.35			8-16371	8-16474	5-4	96	
629D	14	1 3/4 x 3/8 x 14 3/8	8		10.20			8-16372	8-16475	7-5	56	
630D	14	2 1/4 x 3/8 x 14 3/8	8		12.50			8-22384	8-22487	7-5	56	
631	15 15	2 x 3/8 x 14 1/4 2 x 3/4 x 15 1/2	2 2	6.85				2-20481 2-20378	2-20501 2-20481	7-5	52	
633D	10	1 1/2 x 3/8 x 10 1/2	8		5.70			8-14366	8-14468	5-4	96	
634	9	4 x 1/4 x 11	4	11.35				Set 634	Set 634 X			
635	9	5 x 1/4 x 11	4	14.55				Set 635	Set 635 X			
Ext. 636	8	4 x 1/4 x 8 3/4	2	4.85				External	External			
Ext. 637	13	4 x 1/4 x 39 1/2	1	9.90				External	External			
638	19	5 1/2 x 1/4 x 59 1/2	1	22.20				Roll	Roll			
639	19	6 x 1/4 x 55 3/8	2	43.20				Roll	Roll			
Ext. 640	13	4 x 1/4 x 32 3/8	1	8.10				External	External			
Ext. 641	9	6 x 1/4 x 25 1/4	1	9.90				External	External			
642D	12	1 3/4 x 3/8 x 13 1/4	8		6.90			8-16371	8-16475	4-5	80	
643D	10	1 3/4 x 3/8 x 10 1/4	8		6.15			8-16369	8-16474	5-4	96	
644D	14	2 x 3/4 x 14 3/4	4		6.45			4-20481	4-20501	5-6	48	
645D	16 16	3 x 3/4 x 9 1/2 3 x 3/4 x 18 3/8	2 2		9.45			2-30410 1-30411	2-30512 1-30513	5-6	56	
646D	16	3 x 1/4 x 6 1/2	4		5.10			2-30409	2-30511	5-6	32	
647D	14	2 1/2 x 1/4 x 17 3/4	4		9.30			4-24406	4-24507	7-6	56	
648	14	1 1/2 x 3/4 x 8 3/4	1	6.15				Roll	Roll	7-7	36	
649	17 1/4	5 x 3/8 x 17 3/8	4	30.90				4-30509	4-30640	7-8	64	
652	17 1/4	5 x 1/2 x 17 3/8	4	30.80				4-30509	4-30640			
653D	12	1 3/4 x 3/8 x 12 3/8	8		6.60			8-16371	8-16474	5-5	40	
654D	16	3 x 3/4 x 18 3/8	4		11.85			4-20481	4-20501	5-6	64	
655	16 16	1 3/4 x 3/4 x 14 1/2 1 3/4 x 3/4 x 17 1/2	2 2	9.25				2-20481 2-20489	4-20501			

GRIZZLY BRAKE LINING

B.L.M.A. Set Number	Drum Diameter Inches	Size of Lining Inches Wide Thick Long	Pieces Required Per Set	List Price Per Set		Multiple Coverage Segments Required		Multiple Coverage Segments Required		Rivets Required	
				Drilled and Boxed Sets Available	Crizzly Synchro			Standard Thickness	1 to Inch Oversize	Size	No.
Ext. 657	10	3 x 1/4 x 22	1	5.40			External	External			
658D	10	3 x 1/4 x 15 1/2	4		19.80		4-34523	4-34524	5-7	52	
659	10	2 1/4 x 1/4 x 15 1/4	4	13.65			4-22502	4-22603			
659AD	10	2 1/4 x 1/4 x 15 1/4	4		13.65		4-22502	4-22603	7-6	54	
662D	16 1/4	3 x 1/4 x 18 1/2	4		20.85		4-30615	4-33715	5-7	54	
Ext. 663	10	3 x 1/4 x 30 1 1/16	1	5.70			External	External			
664	17 1/4	5 x 1/16 x 12 1/2	4	20.85			Roll	Roll			
665D	15 1/4	2 1/2 x 1/4 x 19 1/4	4		9.90		4-24406	4-24507	7-6	68	
665AD	15 1/4	2 1/2 x 1/4 x 19 1/4	4		9.90		4-24406	4-24507	7-6	56	
Ext. 667	9 1/2	3 x 1/16 x 13 1 1/16	2	6.90			External	External			
670D	14	2 x 1 1/8 x 14 1/2	4		11.10		4-20501-G	4-22603-S	5-6	48	
Ext. 676	10	3 x 1/4 x 31 3/4	1	5.85			External	External	7-8	22	
Ext. 677	8	2 x 1/2 x 24 3/5	1	2.70			External	External			
Ext. 678	7 1/2	2 1/2 x 1/4 x 24 3/8	1	4.35			Set 678	Set 678 X	4-5	20	
Ext. 683	10	3 x 1/4 x 7 1/2	4	5.10			External	External	8-8	24	
Ext. 683AD	10	3 x 1/4 x 7 1/2	4		5.10		External	Roll	8-	24	
684D	12 1/4	4 x 1/16 x 12 3/8	16		64.65		16-40528	16-40630	8-8	144	
685	12	1 3/4 x 1/16 x 33 3/4	2	5.85			Roll	Roll	4-	38	
686	16	2 1/2 x 1/4 x 14 1/8	6	15.45			6-24405	Set 686 X	4-5	92	
687D	6 3/4	1 1/16 x 3/8 x 8 1/2	2	MC	1.50		Roll	Roll	4-5	14	
1002D	14 14	2 x 1/4 x 13 1/4 2 x 1/4 x 15 1/8	2 2		7.35		4-20481	4-20501	7-7	50	
1012D	12 12	2 x 1/4 x 9 5/8 2 x 1/4 x 12 5/8	4 4		11.55		8-20480	Roll	4-5	72	
1012-1014D	12 12	2 x 1/4 x 9 5/8 2 x 1/4 x 12 5/8	2 6		12.15		8-20480	Roll	4-5	76	
1014D	12	2 x 1/4 x 12 5/8	8		13.20		8-20480	Roll	4-5	80	
1014AD	12	2 x 1/4 x 12 5/8	4		6.60		4-20480	Set 1014AXD	5-5	48	
1101D	11	1 3/4 x 1/4 x 11 1/2	4		5.85		4-16474	2-34522-S	4-5	40	
1102D	12	1 3/4 x 1/4 x 12 1/2	4		6.45		4-16474	2-34522-S	4-5	40	
1103D	13	1 3/4 x 1/4 x 13 1/2	4		6.90		4-16475	4-20501-S	4-5	40	
1104D	16 15	3 1/2 x 1/4 x 12 3/8 3 1/2 x 1/4 x 17	2 2		13.05		2-34419 2-34420	2-34522 2-34523	8-6	56	
1105D	12	2 x 1/16 x 12 3/8	4		4.80		4-20377	4-20480	4-5	40	
1105AD	12	2 x 1/16 x 12 3/8	4		4.80		4-20377	4-20480	4-5	40	
1105A-1179D	12 12	2 x 1/16 x 9 5/8 2 x 1/16 x 12 3/8	2 6		8.85		8-20377	8-20480	4-4 4-5	76	
1106	10	2 x 1/16 x 10 1/2	4	3.75			4-20375	4-20480	7-5	30	
1106AD	10	2 x 1/16 x 10 1/2	4		3.75		4-20375	4-20480	4-5	40	
1106A-1213D	10 10	2 x 1/16 x 8 2 x 1/16 x 10 1/2	2 5		6.90		8-20375	8-20480	4-5	76	
1107D	10	4 x 1/4 x 13 1/8	2		10.85		4-40508 4-40509	4-40580 4-40581	4-	56	
1107AD	10	4 x 1/4 x 13 1/8	2		10.85		4-40508 4-40509	4-40580 4-40581	4-	56	
1107BD	10	4 x 1/4 x 13 1/8	2		10.85		4-40508 4-40509	4-40580 4-40581	4-5	56	



BEAR IN MIND... ask for



B.L.M.A. Set Number	Drum Diameter Inches	Size of Lining Inches Wide Thick Long			Pieces Required Per Set	List Price Per Set		Multiple Coverage Segments - Required		Rivets Required	
						Multiple Coverage Segments Required	Drilled and Bored Sets Available				
1108D	16 1/4 16 1/4	3 x 3/8 x 12 3/4 3 x 3/8 x 17 3/4	2 } 2 }		16.95						
1109D	17 3/8 17 3/8	4 x 3/8 x 13 1/4 4 x 3/8 x 17 3/4	2 } 2 }		24.60						
1109A	17 3/8 17 3/8	4 x 3/8 x 13 1/4 4 x 3/8 x 17 3/4	2 } 2 }	24.60							
1110	14	1 3/4 x 3/8 x 17 3/4	4	5.70				4-16373	4-20482 S		
1111	9	1 3/4 x 3/8 x 9 1/4	4	8.20				4-16369	4-16474	4-6	32
1118D	17 1/4 17 1/4	5 x 3/8 x 15 1/4 5 x 3/8 x 19 1/4	2 } 2 }		28.35			4-50539	4-50640	8-8	56
1114	15 1/4 15 1/4	3 x 3/8 x 14 3/4 3 x 3/8 x 17 3/4	2 } 2 }	18.45				2-30614 2-30615	4-30715	7-6	52
1115	14	1 3/4 x 3/8 x 15 3/8	4	5.40				4-16373	4-20481 S	7-3	48
1116	16	2 1/4 x 3/8 x 15 3/8	4	7.20				4-22384	4-22487		
1117	11	1 3/4 x 3/8 x 12 3/8	4	6.15				4-16474	4-20501 S	7-6	40
1118D	13	2 x 3/8 x 13 3/4	4		5.40			4-20378	4-20481	4-4	40
1119D	17 1/4 17 1/4	5 x 3/8 x 15 3/4 5 x 3/8 x 19 1/4	2 } 2 }		31.95			4-50640	4-50741	8-8	56
1120	11 11	2 1/4 x 3/8 x 6 3/4 2 1/4 x 3/8 x 13	2 } 2 }	4.80				1-22384 2-22383	3-22486		
1121	16 16	2 1/2 x 3/8 x 13 3/4 2 1/2 x 3/8 x 16 1/4	2 } 2 }	7.80				2-24389 2-24390	4-24405		
1122	13 3/8	2 x 3/8 x 14 1/4	4	11.10				Roll	Roll	4-6	40
1124	14 1/4	1 3/4 x 3/8 x 13 3/4	4	6.60				4-16475	4-20501 S	7-6	40
1125D	14 1/4	1 3/4 x 3/8 x 15 1/4	4		7.20			4-16475	4-20501 S	7-6	40
1126D	16	2 1/2 x 3/8 x 15 1/4	4		10.35			4-24405	4-24507	7-6	48
1127D	16	2 1/2 x 3/8 x 18	4		11.85			4-24406	4-24507	7-6	56
1128D	17 1/4	4 x 3/8 x 17 3/4	4		28.70			4-40529	4-40631	7-6	64
1129	16	3 x 3/8 x 17 3/8	4	11.40				4-30308	4-30410		
1130D	17 1/4	3 x 3/8 x 13 3/4	4		18.50			4-30512	4-30514		
1131	17 1/4	4 x 3/8 x 17 3/4	4	28.55				4-40631	4-40733		
1132	16 16	2 1/4 x 3/8 x 14 2 1/4 x 3/8 x 17 1/4	2 } 2 }	7.20				2-22384 2-22385	2-22487 2-22488		
1133D	15 1/4 15 1/4	3 x 3/8 x 14 3/4 3 x 3/8 x 17 3/4	2 } 2 }		16.35			2-30513	2-30515	7-8	52
1134	13 1/2 13 1/2	2 1/4 x 3/8 x 11 3/4 2 1/4 x 3/8 x 14 3/4	2 } 2 }	8.85				2-22486 2-22487	4-22502		
1135	14 1/2 14 1/2	2 1/4 x 3/8 x 12 1/4 2 1/4 x 3/8 x 16 1/4	2 } 2 }	9.40				2-22486 2-22488	4-22502		
1136D	16 1/4	2 1/4 x 3/8 x 17 3/4	4		16.50			4-20603	4-20604 S	7-6	64
1137D	10 10	2 x .205 x 7 1/8 2 x .205 x 10 3/8	4 } 4 }		5.73			4-20378 4-20379	4-20480 4-20481	4-5	56
1138	16	2 1/4 x 3/8 x 15 3/8	4	18.75				4-20304	Det 1138 x	7-8	56
1139D	16 1/4	3 1/2 x 3/8 x 17 1/4	4		24.38			4-34504	4-40733 C	7-8	64
1140	15	2 1/4 x 3/8 x 15 3/8	4	18.75				4-20304	Det 1140 x		
1141	17 1/4	4 x 3/8 x 15 3/8	4	29.85				4-40733	Det 1141 x	9-10	64
1142D	16 1/4 16 1/4	2 1/2 x 3/8 x 14 3/4 2 1/2 x 3/8 x 17 3/4	2 } 2 }		13.80			4-24507	4-24507 S	4-5	56
1143D	15 1/4 15 1/4	2 1/4 x 3/8 x 12 3/4 2 1/4 x 3/8 x 15 3/4	2 } 2 }		11.48			2-24507	2-24507 S	4-6	52

GRIZZLY BRAKE LINING

B. L. M. A. Set Number	Drum Diameter Inches	Size of Lining Inches Wide Thick Long	Pieces Required Per Set	Last Price Per Set		Multiple Coverage Segments Required		Rivets Required	
				Multiple Coverage Segments Required	Drilled and Bored Sets Available	Standard Thickness	1 in. Inch Oversize	Size	No.
1144D	14	1 1/4 x 1/4 x 11 1/2	2		6.90	2-20480 2-20481	1-20501	4-6	36
1145D	14	1 1/4 x 1/4 x 11 1/2	4		7.85	4-16369 4-15370	3-16474	5-5	72
1145D All Long	14	1 1/4 x 1/4 x 11 1/2	4		4.05	4-16370	4-16474	5-5	40
1146D	12	1 1/4 x 1/4 x 9 3/4	4		11.85	4-16474 4-16475	8-20501-S	4-5	72
1146D All Long	12	1 1/4 x 1/4 x 12 3/4	4		6.90	4-16475	4-20501-S	4-5	40
1147D	11	2 x 1/4 x 8 3/4	4		10.20	2-20482 4-20480	6-20501	4-5	56
1149	16 1/4	3 x 1/2 x 17 1/2	4	20.40		4-30615	4-30716		
1150	15	3 x 1/2 x 15 1/2	4	24.60		4-30817	Set 1150 X	7-10	56
1151	16 1/2	3 x 1/2 x 17 1/2	4	24.60		4-30817	Set 1151 X	7-10	56
1152	16 1/2	4 x 1/2 x 15 7/8	4	20.85		4-40834	Set 1152 X	7-10	56
1153	15	3 x 1/4 x 15 7/8	4	9.15		4-30410	4-30513	7-10	56
1154D	15	2 1/4 x 1/4 x 14 1/4	2		9.30	2-22487 2-22488	4-22502	7-6	52
1154AD	15	2 1/4 x 1/4 x 14 1/4	2		9.30	2-22487 2-22488	4-22502	7-6	52
1155D	11	2 x 1/4 x 11 1/2	8		11.85	8-20480	8-20501	4-5	64
1156	16	2 1/4 x 1/4 x 17 1/2	4	18.50		4-22502	4-22603		
1157	17 1/4	5 x 3/8 x 17 3/4	4	33.90		4-50640	4-50741	8-7	56
1158	17 1/4	4 x 1/2 x 14 3/4	2	31.65		2-40834 2-40835	Set 1158 X	7-8	56
1159	16	2 1/4 x 1/4 x 17 1/2	4	18.90		4-22804	Set 1159 X		
1160D	11	2 1/4 x 1/4 x 11 1/2	4		9.45	2-22385 4-22383	2-22488 4-22486	4-5	72
1160D All Long	11	2 1/4 x 1/4 x 11 1/2	4		5.55	4-22383	4-22486	4-5	40
1161D	11	2 x 1/4 x 11 1/2	4		7.80	4-20377 2-20379	4-20480 2-20482	4-5	72
1161D All Long	11	2 x 1/4 x 11 1/2	4		4.50	4-20377	4-20480	4-5	40
1162D	11	2 x .205 x 11 1/2	4		6.30	4-20376 4-20377	4-20480 2-20482	4-5	56
1163D	14	2 1/4 x 1/4 x 14 1/4	8		17.55	8-22487	8-22502	4-5	80
1164	13 1/8	2 x 1/4 x 13 1/2	4	7.85		4-20481	Roll	4-4	40
1165	14	2 x 1/4 x 13 1/2	2	7.85		2-20480 2-20482	4-20501		
1166D	10	2 x 1/4 x 10 1/2	8		9.90	8-20480-G	4-40528-S	5-5	80
1167D	12	1 3/4 x 1/4 x 13 1/2	4		6.15	4-16369 4-16372	4-16474 4-16475	5-5	72
1168D	9	1 3/4 x 1/4 x 10 1/2	4		6.60	4-16369 2-16373	8-16474	4-4	72
1168D All Long	9	1 3/4 x 1/4 x 10 1/2	4		3.90	4-16369	4-16474	4-4	40
1169D	12 1/4	4 x 1/4 x 14 1/2	2		21.45	2-40528 2-40529	2-40530 2-40531	7-7	56
1170D	12 1/4	4 x 1/4 x 14 1/2	2		16.85	2-40528 2-40529	2-40530 2-40531	7-7	56
1171	12 1/4	4 x 1/4 x 14 1/2	2	6.45		2-20480 2-20481	4-20501	4-5	40
1172D	14	2 x 1/4 x 14 1/2	2		5.25	2-20480 2-20481	4-20501	7-6	52
1172D All Long	14	2 x 1/4 x 14 1/2	2		6.15	4-20480	4-20501	7-6	52
1173	13	3 x 1/4 x 17 1/2	4	17.85		4-30513	4-30515	5-5	64



BEAR IN MIND... ask for



B.L.M.A. Set Number	Drum Diameter Inches	Size of Lining Inches Wide Thick Long	Pieces Required Per Set	List Price Per Set		Multiple Coverage Segments Required		Rivets Required	
				Multiple Coverage Segments Required	Drilled and Bores Sets Available	Grizzly Synchro	Standard Thickness	1 lb Inc Oversize	Size No
1174D	15- 15	3 1/2 x 1/16 x 11 1/2 3 1/2 x 1/16 x 15 1/2	2 2		12.90	2-34522 2-34523	4-34624	7-7	52
1174D All Long	15	3 1/2 x 1/16 x 16 1/2	4		15.45	4-34523	4-34624	7-7	52
1175D	9	1 3/4 x 1/16 x 8 1/2	4		2.85	2-16373	4-16474	4-4	32
1176D	14 14	2 x 1/4 x 13 1/2 2 x 1/4 x 16 1/4	2 2		7.00	2-20481 2-20482	4-20501	4-5	52
1177	16 1/4	2 1/2 x 1/16 x 17 1/2	4	15.60		4-24527	4-30615-S		
1178	12 12	1 3/4 x 1/16 x 10 1/2 1 3/4 x 1/16 x 14 1/2	2 2	4.85		2-16370 2-16372	2-16474 2-16475		
1179D	12 12	2 x 1/16 x 9 1/2 2 x 1/16 x 12 1/2	2 2		4.20	2-20376 2-20377	4-20480	4-4	36
1181	16	2 1/4 x 1/4 x 16 1/2	4	10.85		4-22488	4-22592		
1186	14 1/8 14 1/8	1 3/4 x 1/4 x 10 1/2 1 3/4 x 1/4 x 13 1/2	2 2	6.15		2-16474 2-16475	4-20501-S	7-6	36
1187D	16 16	2 1/2 x 1/4 x 12 1/2 2 1/2 x 1/4 x 15 1/2	2 2		9.60	4-24405	4-24507	7-6	44
1188D	13 1/8 13 1/8	2 x 1/4 x 12 1/2 2 x 1/4 x 14 1/2	2 2		6.00	2-20480 2-20481	4-20501	4-5	52
1189D	14 1/8	2 x 3/8 x 14 1/2	4	11.85		2-40630-S	2-40732-S	3-3	56
1190D	14 14	2 x 1/4 x 13 1/2 2 x 1/4 x 15 1/2	2 2	6.75		2-20480 2-20481	4-20501	3-3	52
1191D	14 1/8	3 x 3/8 x 14 1/2	4	16.95		4-30614	4-30715	3-3	
1192D	15	3 x 3/8 x 15 1/2	4	17.85		4-30615	4-30715	3-3	
1193D	15	4 x 3/8 x 15 1/2	4	23.40		4-40630	4-40732	8-8	56
1194D	14 1/8 14 1/8	2 1/2 x 5/16 x 13 1/2 2 1/2 x 5/16 x 16 1/2	2 2	12.15		4-22502	4-22603	7-8	52
1195D	16	4 x 3/8 x 16 1/2	4	24.90		4-40631	4-40733	8-8	64
1196D	16	5 x 3/8 x 16 1/2	4	31.35		4-50640	4-50741	8-8	64
1197D	15 1/8 15 1/8	2 1/2 x 5/16 x 14 1/2 2 1/2 x 5/16 x 17 1/2	2 2	12.75		4-22502	4-22603	7-8	52
1198D	15	4 1/2 x 3/8 x 15 1/2	4	27.90		Set 1198	Set 1198 X	8-8	56
1199D	16 1/8	6 x 3/8 x 16 1/2	4	38.25		Set 1199	Set 1199 X	8-8	64
1202	14 14	2 x 1/4 x 12 1/2 2 x 1/4 x 16 1/4	2 2	7.65		2-20489 2-20482	Roll		
1204	12	1 3/4 x 1/2 x 13 1/2	4	6.60		Roll	Roll		
1206	16 1/8	2 1/2 x 5/16 x 17 1/2	4	13.30		4-22502	4-22603		
1207	16 1/4	3 x 3/8 x 17 1/2	4	19.80		4-30615	4-30716		
1210D	14	2 1/2 x 1/4 x 14 1/2	4	10.20		4-24405	4-24507		
1212	16 1/8	3 1/2 x 5/16 x 17	4	20.10		4-34523	4-34624	8-8	54
*1215D	9 9	2 x 1/16 x 7 1/2 2 x 1/16 x 10 1/4	4 4	8.40		4-20376 2-20378	3-20480	4-4	72
*1216D	11 11	2 x 1/16 x 9 1/2 2 x 1/16 x 12 1/2	4 4	9.75		4-20376 4-20377	3-20480	4-4	72
1219D	11 11	2 x 1/16 x 10 2 x 1/16 x 12 1/2	4 4	8.55		4-20376 4-20377	3-20480		
1220D	10 10	1 3/4 x 1/16 x 8 1/2 1 3/4 x 1/16 x 10 1/2	4 4	6.45		3-16355	3-16474	4-4	72
1221D	9 9	1 3/4 x 1/16 x 7 1/2 1 3/4 x 1/16 x 9 1/2	4 4	6.60		3-16370 4-20376	3-16474 3-16475	4-4	72
1222	16	4 x 3/8 x 13 1/2	4	17.55		4-40523	4-40537		
1223D	16	3 x 3/8 x 13	4	13.80		4-30410	4-30513		
1224D	14	2 x 1/4 x 13	4	7.80		4-20481	Roll		
1225D	14 14	2 x 1/4 x 13 1/2 2 x 1/4 x 15 1/2	4 4	9.30		Roll	Roll		

GRIZZLY BRAKE LINING

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B.L.M.A. Set Number	Drum Diameter Inches	Size of Lining Inches Wide Thick Long	Pieces Required Per Set	List Price Per Set		Multiple Coverage Segments Required		Rivets Required	
				Multiple Coverage Segments Required	Drilled and Bored Sets Available	Grizzly Syndro	Standard Thickness	1 to 10 in Overage	Size No
2000D	12	1 3/4 x 3/8 x 8 3/4	2			3.75	{ 2-16369 2-16371		38
2002D	11	1 3/4 x 3/8 x 10 1/4	4			7.00	{ 4-16369 4-16371		38
2003D	12	1 3/4 x 3/8 x 11 1/4	4			7.05	{ 4-16370 4-16371		38
2004D	12	2 1/4 x 3/8 x 11 1/4	2			6.45	{ 4-24389		112
2005D	12	2 1/4 x 3/8 x 10 3/4	4			10.65	{ 8-22383	8-22486	35
2006D	11	2 x 3/8 x 9 3/4	4			8.25	{ 4-20376 4-20377	8-20480	80
2006-2015D	11	2 x 3/8 x 9 1/4	2			8.85	{ 2-20376 2-20377	4-20480	90
	11	2 1/4 x 3/8 x 9 3/4	2				4-22383	4-22486	
	11	2 1/4 x 3/8 x 12	2						
2007D	9	1 3/4 x 3/8 x 8 1/4	4			6.00	{ 2-16373 4-16369	8-16474	98
2008D	17	3 1/2 x 3/8 x 18 3/4	4			24.00	Roll	Set 2009 X	92
2010D	17	5 x 3/8 x 18 3/4	4			33.75	4-50640	4-50741	
2011D	9	1 3/4 x 3/8 x 6 3/4	4			5.85	{ 2-16371 4-16369	8-16474	80
2012D	10	1 3/4 x 3/8 x 8 3/4	4			8.00	{ 4-16369 4-16370	8-16474	72
2015D	11	2 1/4 x 3/8 x 9 1/4	2			4.00	4-22383	4-22486	40
2016D	17 1/4	4 x 3/8 x 18 1/4	4			36.00	Set 2016	Set 2016 X	120
5001 To 5027		Use Roll Lining							
5004	14	2 x 3/8 x 13 1/2	6			10.50	6-20481	6-20501	96
5006	17 1/4	3 x 3/8 x 17 1/2	4			17.25	4-30513	4-30615	
5007D	17 1/4	3 1/2 x 3/8 x 17 1/2	4			19.00	4-34523	4-34624	
Ext. 5012	8 1/8	2 1/2 x 3/8 x 11 1/4	2			2.85	Roll	Roll	
Ext. 5013	9 1/8	4 x 3/8 x 13 1/4	2			6.75	Roll	Roll	
Ext. 5014	9 1/8	3 x 3/8 x 12	2			6.15	Roll	Roll	
5019	6	1 x 1 1/4 x 8	8			3.00	Use Woven	Use Woven	22
5020	12	1 3/4 x 3/8 x 11 3/8	6			5.85	6-16370	6-16474	

GRIZZLY Brake Lining Segments For External Transmission Brakes

STOCK NO.	SPECIFICATIONS	LIST PRICE PER ROLL
ETB 1	10 Segments Size 2 x 5/32 x 17-1/16" to fit 6" Drum (in roll)	\$15.60
ETB 2	10 Segments Size 2 x 5/32 x 21-3/8" to fit 6" Drum (in roll)	18.90
ETB 3	10 Segments Size 2 1/2 x 5/32 x 24-7/8" to fit 7" Drum (in roll)	31.05

APPLICATION

Chrysler		DeSoto		ETB 1		Dodge		Plymouth	
1942 S10		1942 S10		1942-41 D22: D19		1946 P15			
1941-40 S8, S7		1941-40 S8, S7		1940-39 D17: D14 D:11		1941 P14			
1939-38 S5, S6		1939-38 S5, S6		1938-37 D3 D5		1941 P13 P12 P11 P10 P9 P8 P7 P6 P5 P4 P3 P2 P1			
1937 S3		1937 S3		Also some Trucks		1936-35 P1 P2 P3 P4 P5 P6 P7 P8 P9 P10 P11 P12 P13 P14 P15			
Chrysler		DeSoto		ETB 2		Dodge		Plymouth	
1937-36 S1		1937-36 S1		1936-35 D2 D2		1936-35 P1 P2 P3 P4 P5 P6 P7 P8 P9 P10 P11 P12 P13 P14 P15			
1937 S1		1937 S1		1934-33 DR, DS DP5 DC3		1934-33 P1 P2 P3 P4 P5 P6 P7 P8 P9 P10 P11 P12 P13 P14 P15			
1934-32 SD SC		1934-32 SD SC		1932-31 DR3 6 cyl. DG DH		1932-31 P1 P2 P3 P4 P5 P6 P7 P8 P9 P10 P11 P12 P13 P14 P15			
				Also some Trucks					
Chrysler		DeSoto		ETB 3		International Harvester T-Trucks			
1946 S11		1946 S11		1940-41 K2M K1 K5 K6		1940-41 T1 T2 T3 T4 T5 T6 T7 T8 T9 T10 T11 T12 T13 T14 T15 T16 T17 T18 T19 T20 T21 T22 T23 T24 T25 T26 T27 T28 T29 T30 T31 T32 T33 T34 T35 T36 T37 T38 T39 T40 T41 T42 T43 T44 T45 T46 T47 T48 T49 T50 T51 T52 T53 T54 T55 T56 T57 T58 T59 T60 T61 T62 T63 T64 T65 T66 T67 T68 T69 T70 T71 T72 T73 T74 T75 T76 T77 T78 T79 T80 T81 T82 T83 T84 T85 T86 T87 T88 T89 T90 T91 T92 T93 T94 T95 T96 T97 T98 T99 T100			
1940-39 D15M D16 F		1940-39 D15M D16 F		1940-39 D15M D16 F		1940-39 T1 T2 T3 T4 T5 T6 T7 T8 T9 T10 T11 T12 T13 T14 T15 T16 T17 T18 T19 T20 T21 T22 T23 T24 T25 T26 T27 T28 T29 T30 T31 T32 T33 T34 T35 T36 T37 T38 T39 T40 T41 T42 T43 T44 T45 T46 T47 T48 T49 T50 T51 T52 T53 T54 T55 T56 T57 T58 T59 T60 T61 T62 T63 T64 T65 T66 T67 T68 T69 T70 T71 T72 T73 T74 T75 T76 T77 T78 T79 T80 T81 T82 T83 T84 T85 T86 T87 T88 T89 T90 T91 T92 T93 T94 T95 T96 T97 T98 T99 T100			
1940-38 D30 D34 D35B D36B D37B D38B D39B D40B D41B D42B D43B D44B D45B D46B D47B D48B D49B D50B D51B D52B D53B D54B D55B D56B D57B D58B D59B D60B D61B D62B D63B D64B D65B D66B D67B D68B D69B D70B D71B D72B D73B D74B D75B D76B D77B D78B D79B D80B D81B D82B D83B D84B D85B D86B D87B D88B D89B D90B D91B D92B D93B D94B D95B D96B D97B D98B D99B D100		1940-38 D30 D34 D35B D36B D37B D38B D39B D40B D41B D42B D43B D44B D45B D46B D47B D48B D49B D50B D51B D52B D53B D54B D55B D56B D57B D58B D59B D60B D61B D62B D63B D64B D65B D66B D67B D68B D69B D70B D71B D72B D73B D74B D75B D76B D77B D78B D79B D80B D81B D82B D83B D84B D85B D86B D87B D88B D89B D90B D91B D92B D93B D94B D95B D96B D97B D98B D99B D100		1940-38 D30 D34 D35B D36B D37B D38B D39B D40B D41B D42B D43B D44B D45B D46B D47B D48B D49B D50B D51B D52B D53B D54B D55B D56B D57B D58B D59B D60B D61B D62B D63B D64B D65B D66B D67B D68B D69B D70B D71B D72B D73B D74B D75B D76B D77B D78B D79B D80B D81B D82B D83B D84B D85B D86B D87B D88B D89B D90B D91B D92B D93B D94B D95B D96B D97B D98B D99B D100		1940-38 T1 T2 T3 T4 T5 T6 T7 T8 T9 T10 T11 T12 T13 T14 T15 T16 T17 T18 T19 T20 T21 T22 T23 T24 T25 T26 T27 T28 T29 T30 T31 T32 T33 T34 T35 T36 T37 T38 T39 T40 T41 T42 T43 T44 T45 T46 T47 T48 T49 T50 T51 T52 T53 T54 T55 T56 T57 T58 T59 T60 T61 T62 T63 T64 T65 T66 T67 T68 T69 T70 T71 T72 T73 T74 T75 T76 T77 T78 T79 T80 T81 T82 T83 T84 T85 T86 T87 T88 T89 T90 T91 T92 T93 T94 T95 T96 T97 T98 T99 T100			
Dives Some Models		Dives Some Models		1937-35 D15B D					

B.L.M.A. Number	Drum Diameter Inches	Size of Lining Inches Wide Thick Long	Blocks Required Per Set	List Price Per Set		Multiple Coverage Segments Required	
				Undrilled	Drilled or Undrilled	Standard Thickness	1/2 Inch Overseer
4151AD	17 1/4	5 x 3/4 x 9 3/4	3		\$62.40	Set 4151AD	Set 4151AXD
4152D	17 1/4	5 x 3/4 x 8 1/2	3		61.05	Set 4152D	Set 4152XD
4152AD	17 1/4	5 x 3/4 x 8 1/2	3		61.05	Set 4152AD	Set 4152AXD
4153D	17 1/4	6 x 3/4 x 8 1/2	3		73.20	Set 4153D	Set 4153XD
4153AD	17 1/4	6 x 3/4 x 8 1/2	3		73.20	Set 4153AD	Set 4153AXD
**4155	17	3 x 3/4 x 16 1/2	4	\$12.90		4-22523-S	2-40733-S
4157D	17	3 x 3/4 x 8	8		33.00	Set 4157D	Set 4157XD
4157AD	17	3 x 3/4 x 8	8		33.00	Set 4157AD	Set 4157AXD
Ext. 4158D	12	5 x 3/4 x 10 1/2	2		18.30	Set 4158D	Set 4158XD
4159D	20	4 x 3/4 x 12 1/2	8		69.15	Set 4159D	Set 4159XD
**4164	17 1/2	5 x 3/4 x 21	4	38.40		Set 4164	Set 4164X
4168D	11	3 1/2 x 19 1/4 x 10 3/4	2		10.50	Set 4168D	Set 4168XD
4170D	11 3/4	4 x 3/4 x 12 1/2	4		24.00	Set 4170D	Set 4170XD
4173D	16 3/4	6 x 3/4 x 17 1/2	4		73.20	Set 4173D	Set 4173XD
**4176D	17 1/2	4 1/4 x 3/4 x 9 3/4	8		31.05	4-50460-S	4-50741-S
4177D	17	5 x 3/4 x 8 1/2	8		56.25	Set 4177D	Set 4177XD
4178D	19 3/4	8 x 3/4 x 9 3/4	8		107.25	Set 4178D	Set 4178XD
Ext. 4179D	13	3 1/4 x 3/4 x 8 1/2	4		13.50	Set 4179D	Set 4179XD
4180	20	5 x 3/4 x 20 1/2	4	71.30		Set 4180	Set 4180X
4181D	20	3 1/2 x 3/4 x 20 1/2	4		50.85	Set 4181D	Set 4181XD
4182D	16	4 1/2 x 3/4 x 8 1/4	8		51.15	Set 4182D	Set 4182XD
Ext. 4183D	11	3 1/4 x 3/4 x 6 3/4	4		11.10	Set 4183D	Set 4183XD
4185D	17 1/4	4 x 3/4 x 8 1/2	8		48.90	Set 4185D	Set 4185XD
**4186D	17	5 x 3/8 x 15 1/4	4		27.30	4-50640	4-50741
**4187	17 1/2	2 1/2 x 3/4 x 19 3/8	4		19.35	2-50640-S	2-50741-S
4188D	17 1/4	3 x 3/4 x 9 3/4	8		37.95	Set 4188D	Set 4188XD
4188BD	17 1/4	3 x 3/4 x 9 3/4	8		37.95	Set 4188BD	Set 4188BXD
4189D	16 1/2	4 x 3/4 x 8 3/4	8		48.15	Set 4189D	Set 4189XD
4189AD	16 1/2	4 x 3/4 x 8 3/4	8		48.15	Set 4189AD	Set 4189AXD
4189BD	16 1/2	4 x 3/4 x 8 3/4	8		48.15	Set 4189BD	Set 4189BXD
4190D	16 1/2	5 x 3/4 x 8 3/4	8		60.15	Set 4190D	Set 4190XD
4190AD	16 1/2	5 x 3/4 x 8 3/4	8		60.15	Set 4190AD	Set 4190AXD
4190BSLD	16 1/2	5 x 3/4 x 8 3/4	8		60.15	Set 4190BD	Set 4190BXD
4192D	16 1/2	4 x 3/4 x 15 3/4	4		30.00	4-40834	Set 4192XD
**4193D	16	4 x 3/4 x 15 3/4	4		22.65	4-40630	4-40732
**4194D	16	5 x 3/8 x 15 3/4	4		22.20	4-50640	4-50741
4195D	16 1/2	5 1/2 x 3/4 x 8 1/2	8		64.35	4-60247-S	Set 4195XD
4195AD	16 1/2	5 1/2 x 3/4 x 8 1/2	8		64.35	Set 4195AD	Set 4195AXD
4196D	16 1/2	5 x 3/4 x 15 3/4	4		38.25	4-50842	Set 4196XD
4197D	17 1/4	4 x 3/4 x 8 1/2	8		48.15	Set 4197D	Set 4197XD
4198D	17 1/4	5 1/2 x 3/4 x 8 1/2	8		66.15	Set 4198D	Set 4198XD
4199D	17 1/4	4 x 3/4 x 8 1/2	8		45.00	Set 4199D	Set 4199XD
**4201	17 1/4	4 x 3/4 x 15 3/4	4	22.10		4-40630	4-40732
**4202	17 1/4	5 x 3/8 x 18 3/4	4	34.50		4-50640	4-50741
4203D	18 3/8	3 1/4 x 3/8 x 6 1/2	16		48.75	Set 4203D	Set 4203XD
4204D	16 1/4	3 x 1/2 x 15 3/4	4		22.95	4-30817	Set 4204XD
4205	16 1/2	4 x 1/2 x 17 1/2	4	33.75		4-40835	Set 4205X
4206D	16 1/2	4 1/2 x 1/2 x 17 1/2	4		38.25	4-44838	Set 4206XD
4207	17	6 x 1/2 x 16 1/2	4	47.70		4-60846	Set 4207X
**4208D	15 1/4	3 x 3/8 x 14 3/8	4		16.20	4-30614	4-30715
**4209	17 1/2	3 x 3/8 x 19 3/8	4	21.90		Set 4209	Set 4209X
**4210	17 1/2	2 3/4 x 3/8 x 19 3/8	4	21.45		Set 4210	Set 4210X
**4211D	17 1/4	4 x 3/4 x 17 3/4	4		25.95	4-40631	4-40733
4214D	17 1/4	3 1/4 x 3/4 x 12 1/2	2		56.85	Set 4214D	Set 4214XD
4216	9 3/4	4 x 1/2 x 10 1/2	4	20.55		Set 4216	Set 4216X
4218D	16 1/2	4 1/2 x 3/4 x 8 1/2	8		54.15	Set 4218D	Set 4218XD
4219D	16 1/2	4 x 3/4 x 12	4		52.80	Set 4219D	Set 4219XD
4220D	16 1/2	4 x 3/4 x 12	4		79.35	Set 4220D	Set 4220XD
**4222D	16 1/2	4 x 3/4 x 15 3/4	4		26.70	4-40631	4-40733
4223D	16 1/2	5 x 3/4 x 8 1/2	8		59.25	Set 4223D	Set 4223XD
4224D	16 1/2	5 x 3/4 x 8 1/2	8		82.95	Set 4224D	Set 4224XD
4226D	16 1/2	5 x 3/4 x 8 1/2	8		72.00	Set 4226D	Set 4226XD
4226SLD	16 1/2	5 x 3/4 x 8 1/2	8		72.00	Set 4226SD	Set 4226BXD
4227D	16 1/2	5 x 3/4 x 8 1/2	8		49.50	Set 4227D	Set 4227XD



B. L. M. A. Number	Drum Diameter Inches	Size of Lining Inches Wide Thick Long	Bricks Required Per Set	List Price Per Set				Multiple Coverage Segments Required	
				Undrilled	Drilled or Undrilled	Standard Thickness			1/2 Inch Oversize
4227AD	14 1/2	4 x 3/4 x 7 3/8	3		\$40.50	Set 4227AD		Set 4227AXD	
4227FD	14 1/2	4 x 3/4 x 7 3/8	3		40.50	Set 4227FD		Set 4227FXD	
4228D	14 1/2	6 x 3/4 x 7 3/8	3		60.45	Set 4228D		Set 4228XD	
4228AD	14 1/2	6 x 3/4 x 7 3/8	3		60.45	Set 4228AD		Set 4228AXD	
4228BD	14 1/2	6 x 3/4 x 7 3/8	3		60.45	Set 4228BD		Set 4228BXD	
Ext. 4236D	11 1/2	3 1/4 x 3/8 x 6 1/2	4		8.70	Set 4236D		Set 4236XD	
Ext. 4236AD	11 1/2	3 1/4 x 3/8 x 6 1/2	4		8.70	Set 4236AD		Set 4236AXD	
4237D	16 1/2	3 x 3/4 x 17 3/8	4		35.55	Set 4237D		Set 4237XD	
4237D	16 1/2	5 x 3/4 x 17 3/8	4		59.10	Set 4237D		Set 4237XD	
4237BD	16 1/2	5 x 3/4 x 17 3/8	4		59.10	Set 4237BD		Set 4237BXD	
4237CD	16 1/2	5 x 3/4 x 17 3/8	4		59.10	Set 4237CD		Set 4237CXD	
4237D	17 1/4	4 x 3/8 x 8 3/8	8		26.40	Roll		4-40733	
4234D	20	3 1/2 x 3/4 x 10 1/4	8		50.85	Set 4234D		Set 4234XD	
4235D	20	5 x 3/4 x 10 1/4	8		72.15	Set 4235D		Set 4235XD	
4236D	16 1/2	4 x 3/4 x 17 1/8	4		47.55	Set 4236D		Set 4236XD	
4237D	16 1/2	4 x 3/4 x 17 1/8	4		48.60	Set 4237D		Set 4237XD	
4239D	17 1/2	4 1/2 x 1/2 x 9 5/8	8		38.15	4-44838-S		Set 4239XD	
4240D	17 1/2	5 1/2 x 1/2 x 9 5/8	8		52.05	Set 4240D		Set 4240XD	
4241D	17 1/2	5 x 3/8 x 17 3/4	4	\$32.55		4-50640		4-50741	
4242D	16 3/8	6 x 3/4 x 16 3/4	4		66.90	Set 4242D		Set 4242XD	
Ext. 4244D	11	6 x 5/8 x 19 1/2	1		19.95	Set 4244D		Set 4244XD	
Ext. 4245D	11	6 x 5/8 x 13 3/4	1		15.75	Set 4245D		Set 4245XD	
Ext. 4247D	12	5 x 1/2 x 10 3/4	2		12.05	Set 4247D		Set 4247XD	
4249D	17 1/4	7 x 3/4 x 9 1/2	8		87.30	Set 4249D		Set 4249XD	
4250D	18	7 x 3/4 x 11 1/8	8		100.90	Set 4250D		Set 4250XD	
4251D	17 1/4	3 x 1/2 x 16 3/8	4	24.15		4-30818		Set 4251X	
4252D	17 1/4	4 x 1/2 x 16 3/8	4	32.55		4-40835		Set 4252X	
4253D	17 1/4	5 x 1/2 x 16 3/8	4	49.35		4-50842		Set 4253X	
Ext. 4255D	11	5 x 1/2 x 6 3/4	4		16.90	Set 4255D		Set 4255XD	
4258D	16 1/2	6 x 3/4 x 17 1/4	4		71.55	Set 4258D		Set 4258XD	
4258A	16 1/2	6 x 3/4 x 17 1/4	4	71.55		Set 4258A		Set 4258AX	
4258D	16 1/4	3 x 3/8 x 15 3/4	4		17.40	4-30615		4-30716	
4260D	16 1/4	4 1/2 x 1/2 x 15 3/4	4		34.65	4-44838		Set 4260XD	
4266D	17 1/4	Use 4251							
4267D	17 1/4	5 x 3/4 x 18 3/4	4	64.50		Set 4267D		Set 4267X	
4268AD	20	6 x 3/4 x 10 1/4	8		85.20	Set 4268AD		Set 4268AXD	
4268BD	20	6 x 3/4 x 10 1/4	8		85.20	Set 4268BD		Set 4268BXD	
4269D	15	4 1/2 x 3/4 x 15 3/4	4		44.70	Set 4269D		Set 4269XD	
4270D	15	6 1/2 x 3/4 x 15 3/4	4		70.35	Set 4270D		Set 4270XD	
4273D	21	4 x 3/4 x 9 5/8	8		50.10	Set 4273D		Set 4273XD	
4274D	11 1/2	5 x 1/2 x 14 1/8	4		35.40	Set 4274D		Set 4274XD	
4277D	17 1/4	6 x 3/4 x 9 5/8	8		74.70	Set 4277D		Set 4277XD	
4278D	19	6 x 3/4 x 10 5/8	8		84.45	Set 4278D		Set 4278XD	
4279D	16 3/4	6 x 1/2 x 8 3/8	3		50.55	4-60846		Set 4279XD	
4280D	16	3 1/2 x 3/8 x 16 3/8	4	22.05		4-34624		4-40732-S	
4281D	15 3/4	6 x 1/2 x 10 1/2	8		61.50	Set 4281D		Set 4281XD	
4283D	17 1/4	4 x 3/8 x 9 3/8	8		61.65	Set 4283D		Set 4283XD	
4284D	18	7 x 7/8 x 10 1/4	8		122.70	Set 4284D		Set 4284XD	
4285D	16 1/2	6 x 3/4 x 8 3/8	8		72.15	Set 4285D		Set 4285XD	
4286D	17 1/4	3 x 3/8 x 17 1/4	4		20.10	4-30615		4-30716	
4286A	17 1/4	3 x 3/8 x 17 1/4	4	20.10		4-30615		4-30716	
4287D	16	4 1/2 x 1/2 x 18 3/4	4		40.05	4-44938		Set 4287XD	
4288D	16	5 1/2 x 3/4 x 9 1/2	2		68.40	4-60240-S		Set 4288XD	
4289D	16	6 x 3/4 x 9 1/2	3		74.70	Set 4289D		Set 4289XD	
4289DFC	16	6 x 3/4 x 18 1/4	4		74.70	Set 4289DFC		Set 4289FXD	
4289AD	16	6 x 3/4 x 9 1/2	3		74.70	Set 4289AD		Set 4289AXD	
4289BD	16	6 x 3/4 x 9 1/2	3		74.70	Set 4289BD		Set 4289BXD	
4290D	17 1/4	4 1/2 x 3/8 x 9 1/2	2		54.15	Set 4290D		Set 4290XD	
4291D	17 1/4	5 x 3/8 x 8 1/4	2	60.15		4-50244-C		Set 4291X	
4295D	16 1/4	4 x 3/8 x 15 3/4	4		32.10	4-40530		4-40732	
4296D	20	5 x 3/4 x 12 1/8	8		16.25	Set 4296D		Set 4296XD	
4297D	16	3 1/2 x 3/4 x 10 1/2	8		37.20	Set 4297D		Set 4297XD	
4298D	16	4 x 3/4 x 10 1/2	8		42.15	Set 4298D		Set 4298XD	

*NOTE 4227FD is Drilled With 180° Countersink.



GRIZZLY BRAKE LINING

B L N A Number	Drum Diameter Inches	Size of Lining Inches Wide Thick Long	Blocks Required Per Set	List Price Per Set		Multiple Coverage Segments Required	
				Undrilled	Drilled or Undrilled	Standard Thickness	1/2 Inch Overlap
4299D	16	5 x 3/4 x 71 1/16	3		\$52.80	Set 4299D	Set 4299XD
4300D	16	5 x 3/4 x 71 1/16	3		63.30	4-60248	Set 4300XD
4301D	16	5 x 3/4 x 71 1/16	3		66.30	Set 4301D	Set 4301XD
4302D	17 1/4	6 x 3/4 x 73 5/8	3		70.95	4-60249	Set 4302XD
4303D	15 1/4	3 x 3/4 x 151 1/32	4		32.10	Set 4303D	Set 4303XD
4304D	15 1/4	3 x 3/4 x 151 1/32	4		48.30	Set 4304D	Set 4304X
4305	15 1/4	3 x 3/4 x 151 1/32	4	\$36.45		Set 4305	Set 4305X
4305A	15 1/4	3 x 3/4 x 151 1/32	4	36.45		Set 4305A	Set 4305AX
4307D	16 1/4	3 x 1 1/2 x 17 1/4	4		25.20	4-30817	Set 4307XD
4307AD	16 1/4	3 x 1 1/2 x 17 1/4	4		25.20	4-30817	Set 4307AXD
4308D	17 1/4	4 x 1 1/2 x 17 5/8	4		25.80	4-40631	4-40733
4309D	17 1/4	5 x 1 1/2 x 17 5/8	4		43.20	4-50842	Set 4309XD
4311D	16 1/2	7 x 3/4 x 81 1/2	8		81.75	Set 4311D	Set 4311XD
4311AD	16 1/2	7 x 3/4 x 81 1/2	8		81.75	Set 4311AD	Set 4311AXD
4312D	16 1/2	5 x 3/4 x 81 1/2	8		58.35	Set 4312D	Set 4312XD
4312AD	16 1/2	5 x 3/4 x 81 1/2	8		58.35	Set 4312AD	Set 4312AXD
4313D	17 1/4	3 1/2 x 3/4 x 141 1/2	4		35.10	Set 4313D	Set 4313XD
4314D	16	3 x 3/4 x 163 1/4	4		12.00	4-30615	4-30716
4315D	16 1/4	3 1/2 x 1 1/2 x 17 1/4	4		29.25	4-40835	Set 4315XD
4316D	16 1/2	4 x 3/4 x 81 1/2	8		47.10	Set 4316D	Set 4316XD
4317AD	16 1/2	6 x 3/4 x 81 1/2	8		69.75	Set 4317AD	Set 4317AXD
4317BD	16 1/2	6 x 3/4 x 81 1/2	8		69.75	Set 4317BD	Set 4317BXD
4317CD	16 1/2	6 x 3/4 x 81 1/2	8		69.75	Set 4317CD	Set 4317CXD
4319	16	4 x 1 1/2 x 17	4	\$3.45		4-40835	Set 4319X
4320D	16	4 x 3/4 x 83 3/8	8		45.90	Set 4320D	Set 4320XD
4320AD	16	4 x 3/4 x 83 3/8	8		45.90	Set 4320AD	Set 4320AXD
4321D	16	5 x 3/4 x 83 3/8	8		57.60	Set 4321D	Set 4321XD
4321AD	16	5 x 3/4 x 83 3/8	8		57.60	Set 4321AD	Set 4321AXD
4322D	16	Use 4106D	8		66.90	Set 4322AD	Set 4322AXD
4322AD	16 1/2	6 x 3/4 x 179 1/2	4		59.25	Set 4323D	Set 4323XD
4323D	16 1/2	5 x 3/4 x 179 1/2	4		59.25	Set 4323AD	Set 4323AXD
4324D	16 1/2	7 x 3/4 x 179 1/2	4		82.95	Set 4324D	Set 4324XD
4325D	17 1/4	8 x 3/4 x 87 3/8	8		97.65	Set 4325D	Set 4325XD
4326D	16 1/2	4" Tapered 99 1/2	4		52.65	Set 4326D	Set 4326XD
4327D	16 1/2	5" Tapered 99 1/2	4		65.70	Set 4327D	Set 4327XD
4328D	16 1/2	6" Tapered 99 1/2	4		78.90	Set 4328D	Set 4328XD
4329D	14 1/2	4 x 1 1/2 x 151 1/2	4		30.45	Set 4329D	Set 4329XD
4330D	15	5 1/2 x 3/4 x 154 3/4	4		59.55	Set 4330D	Set 4330XD
4331D	15	7 1/2 x 3/4 x 154 3/4	4		81.15	Set 4331D	Set 4331XD
4333D	14 1/2	6 x 1 1/2 x 151 1/2	4		45.45	Set 4333D	Set 4333XD
4334D	16	4 x 3/4 x 92 1/4	8		51.15	Set 4334D	Set 4334XD
4335D	17 1/4	4 x 3/4 x 101 1/8	8		55.20	Set 4335D	Set 4335XD
4335A	17 1/4	4 x 3/4 x 101 1/8	8		68.85	Set 4335A	Set 4335AX
4336D	17 1/4	5 x 3/4 x 101 1/8	8		68.85	Set 4336D	Set 4336XD
4337D	17 1/4	6 x 3/4 x 101 1/8	8		82.95	Set 4337D	Set 4337XD
4338	16	3 1/2 x 1 1/2 x 17	4	29.25		4-40835-S	Set 4338X
4339D	17 1/4	5 x 3/4 x 181 1/8	4		62.25	Set 4339D	Set 4339XD
4340D	17 1/4	8 x 3/4 x 181 1/8	4		99.60	Set 4340D	Set 4340XD
4343D	14 1/2	7 x 3/4 x 73 3/8	8		70.35	Set 4343D	Set 4343XD
4344D	12	5 x 3/4 x 129 1/8	4		51.90	Set 4344D	Set 4344XD
4345D	12 1/4	3 x 3/4 x 83 3/8	2		35.55	Set 4345D	Set 4345XD
4346D	12 1/4	4 x 3/4 x 83 3/8	3		47.55	Set 4346D	Set 4346XD
4347D	17 1/4	5 x 3/4 x 83 3/8	3		58.95	Set 4347D	Set 4347XD
4348D	12	Use 4322D	8		69.50	Set 4349D	Set 4349XD
4350D	12	2 x 3/4 x 129 1/8	2		113.55	Set 4350D	Set 4350XD
4351D	12	4 x 3/4 x 83 3/8	2		45.30	Set 4351D	Set 4351XD
4352D	12	5 x 3/4 x 83 3/8	2		56.70	Set 4352D	Set 4352XD
4353D	12	6 x 3/4 x 83 3/8	2		67.95	Set 4353D	Set 4353XD
4354D	12	8 x 3/4 x 129 1/8	2		93.15	Set 4354D	Set 4354XD



BEAR IN MIND... ask for

B.L.M.A. Number	Drum Diameter Inches	Size of Lining Inches Wide Thick Long	Blocks Required Per Set	Unit Price Unfilled	Drum Use Unfilled	Multiple Coverage Segments Required	
						Standard Thickness	Int. Diameter
4354AD	20	6 x 3/4 x 11 1/2	2		593.15	Set 4354AD	Set 4354AD
4355	12	3 x 1/2 x 11 1/2	1	\$ 8.55		Set 4355	Set 4355
4356	12	4 1/2 x 1/2 x 11 1/2	1	12.75		Set 4356	Set 4356
4357	16 1/2	2 1/2 x 1/2 x 17 3/4	1	18.90		Set 4357	Set 4357
4358D	16 1/2	7" Tapered 9 3/4	1		92.10	Set 4358D	Set 4358XD
4359D	16 1/2	7" Tapered 9 3/4	1		64.50	Set 4359D	Set 4359XD
4360D	16	5 x 3/4 x 18 3/4	1		77.40	Set 4360D	Set 4360XD
4361D	16	4 x 3/4 x 18 3/4	1		51.60	Set 4361D	Set 4361XD
4362D		Use 4410D					
4363D		Use 4411D					
4364D	16 1/2	6 x 3/4 x 9 3/4	2		74.70	Set 4364D	Set 4364XD
4364AD	16 1/2	6 x 3/4 x 9 3/4	2		74.70	Set 4364AD	Set 4364AXD
4364BD	16 1/2	6 x 3/4 x 9 3/4	2		74.70	Set 4364BD	Set 4364BXD
4365AD	16 1/2	7 x 3/4 x 8 3/4	2		84.15	Set 4365AD	Set 4365AXD
4365ASD	16 1/2	7 x 3/4 x 8 3/4	2		84.15	Set 4365ASD	Set 4365ASXD
4366D	16 1/2	3 1/2 x 3/4 x 8 1/2	3		41.10	Set 4366D	Set 4366XD
4366AD	16 1/2	3 1/2 x 3/4 x 8 1/2	3		41.10	Set 4366AD	Set 4366AXD
4367D	26	6 1/2 x 3/4 x 15 1/4	3		137.85	Set 4367D	Set 4367XD
4368D		Use 4195AD					
4370	17 1/4	3 x 3/8 x 15 3/4	6	26.55		3-60645-S	Set 4370X
4372D	17 1/4	4 x 3/4 x 20 3/16	1		55.80	Set 4372D	Set 4372XD
4373D	17 1/4	5 x 3/4 x 20 3/16	1		69.60	Set 4373D	Set 4373XD
4374D	17 1/4	6 x 3/4 x 20 3/16	1		82.40	Set 4374D	Set 4374XD
4375		Use 4252					
4376D	16 1/2	6 x 3/4 x 9 3/4	2		76.35	Set 4376D	Set 4376XD
4376AD	16 1/2	6 x 3/4 x 9 3/4	2		76.35	Set 4376AD	Set 4376AXD
4376BD	16 1/2	6 x 3/4 x 9 3/4	2		76.35	Set 4376BD	Set 4376BXD
4379	16 1/2	4 x 1/2 x 18 1/2	4	36.60		Set 4379	Set 4379X
4380	16 1/2	5 x 1/2 x 18 1/2	4	45.60		Set 4380	Set 4380X
4382	21	5 x 3/4 x 9 3/4	2	62.70		Set 4382	Set 4382X
4383	12 1/4	5 x 1/2 x 11 3/4	4	28.80		Set 4383	Set 4383X
4385D	14	6 x 3/4 x 11 1/2	4		48.80	Set 4385D	Set 4385XD
4388D	17 1/4	6 x 3/4 x 8 7/8	2		73.05	Set 4388D	Set 4388XD
4389D	16	5 x 1/2 x 18 3/4	1		44.40	Set 4389D	Set 4389XD
4389AD	16	5 x 1/2 x 18 3/4	1		44.40	Set 4389AD	Set 4389AXD
4390D	17 3/8	4 x 1/2 x 17 7/8	1		34.35	4-40733	Set 4390XD
4394D	17	6 x 1/2 x 8 3/4	3		72.30	Set 4394D	Set 4394XD
4397D	12	5 x 1/2 x 6 3/4	4		16.80	Set 4397D	Set 4397XD
4398D	14 1/2	5 x 3/4 x 7 1/2	3		50.25	Set 4398D	Set 4398XD
4401D	12 3/4	5 x 1/2 x 12 1/4	4		30.80	Set 4401D	Set 4401XD
4404D	17	6 x 3/4 x 9	2		74.25	Set 4404D	Set 4404XD
4405D	16	8 x 3/4 x 7 1/2	2		82.10	Set 4405D	Set 4405XD
4407D	16 3/4	5 x 1/2 x 8 3/8	2		42.30	Set 4407D	Set 4407XD
4410D	16 1/2	4 x 1/2 x 17 1/2	1		34.35	4-40835	Set 4410XD
4411D	16 1/2	5 x 1/2 x 17 1/2	1		42.90	4-50342	Set 4411XD
4412D	16	6 x 3/4 x 19 1/2	1		74.30	Set 4412D	Set 4412XD
4416	12 1/4	4 x 3/8 x 11	4	16.20		Set 4416	Set 4416X
4417	12 1/4	5 x 3/8 x 11	4	20.25		Set 4417	Set 4417X
4418	17 1/4	3 x 3/4 x 17 1/4	1	21.60		4-30615	4-30716
4419	17 1/4	6 x 3/4 x 17 1/4	1	42.90		Set 4419	Set 4419X
4420	16	3 1/2 x 3/8 x 16 3/8	1	22.35		4-34874	Set 4420X
4424	17 1/4	3 x 1/2 x 14 3/8	1	21.15		4-30211	Set 4424X
4425D	16	3 x 3/4 x 15 1/4	1		32.10	Set 4425D	Set 4425XD
4426	17 1/2	2 1/4 x 3/8 x 20 3/8	1	14.15		Set 4426	Set 4426X
4427D	20	7 x 3/4 x 10 1/2	1		39.30	Set 4427D	Set 4427XD
4428	17	6 x 1/2 x 16 1/2	1	48.30		Set 4428	Set 4428X
4429D	17	6 x 1/2 x 16 1/2	1		48.30	Set 4429D	Set 4429XD
4430D	15	7 x 3/4 x 13 1/2	1		39.10	Set 4430D	Set 4430XD
4431D	15	8 x 3/4 x 13 1/2	1		101.55	Set 4431D	Set 4431XD
4432D	17	4 x 1/2 x 16 1/2	1		32.25	Set 4432D	Set 4432XD
4439D	17 1/4	5 x 3/4 x 17 1/4	1		22.40	Set 4439D	Set 4439XD
4440D	18 1/4	5 1/2 x 3/4 x 9 3/8	1		84.75	Set 4440D	Set 4440XD
4441	17 3/4	5 x 3/4 x 7 3/8	2	22.50		Set 4441	Set 4441X
4442	12	6 x 1/2 x 11	4	32.40		Set 4442	Set 4442X



GRIZZLY BRAKE LETTERS

B.L.M.A. Number	Drum Diameter Inches	Size of Liner Inches Wide Thick Long	Blocks Required Per Set	List Price Per Set		Multiple Coverage Segments Required	
				Undrilled	Drilled or Undrilled	Standard Thickness	1/2 Inch Oversize
4444	12 1/4	5 x 3/4 x 13 1/2	4	\$33.30		Set 4444D	Set 4444XC
4446D	16 1/4	3 1/2 x 3/4 x 15 1/2	4		\$21.00	4-34524	Set 4446XD
4447	20	4 x 3/4 x 11 1/2	4	\$1.50		Set 4447	Set 4447X
4448D	16 1/2	6 x 3/4 x 10	3		\$2.65	Set 4448D	Set 4448XD
4449D	15 1/2	5 x 3/4 x 10	3		\$9.00	Set 4449D	Set 4449XD
4450D	17 1/4	6 x 3/4 x 9 1/2	3		\$6.00	4-50245	Set 4450XD
4451D	16 1/2	6 x Tapered x 7 3/4	3		\$4.20	Set 4451D	Set 4451XC
4452D	16 1/2	7 x Tapered x 7 3/4	3		\$4.45	Set 4452D	Set 4452XD
4453D	16 1/2	7 x 3/4 x 9 1/2	3		\$8.50	Set 4453D	Set 4453XD
4453AD	16 1/2	7 x 3/4 x 9 1/2	3		\$8.50	Set 4453AD	Set 4453AXD
4455D	18 1/2	7 1/4 x 3/4 x 10 1/4	3		\$87.40		
4456D	16 1/2	5 1/2 x Tapered x 19	4		\$71.70	Set 4456D	Set 4456XD
4457D	16 1/2	7 x Tapered x 13	4		\$1.35	Set 4457D	Set 4457XD
4458D	16 1/2	2 1/2 x Tapered x 9 1/2	8		\$2.85	Set 4458D	Set 4458XD
4460D	16 1/2	2 1/2 x Tapered x 9 1/2	8		\$3.25	Set 4460D	Set 4460XD
4461D	16 1/2	4 x Tapered x 7 3/4	8		\$2.45	Set 4461D	Set 4461XD
4465D	16 1/4	3 x 3/8 x 15 1/2	4		\$8.00	4-30614	Set 4465XD
4466	16	4 x 3/8 x 7 3/8	8	22.35		4-40631	Set 4466X
4467D	16	6 x 3/4 x 9 3/8	8		\$77.40	Set 4467D	Set 4467XD
4468D	16 1/2	7 x 3/4 x 9 1/2	8		\$7.30	Set 4468D	Set 4468XD
4468AD	16 1/2	7 x 3/4 x 9 1/2	8		\$7.30	Set 4468AD	Set 4468AXD
4468B	16 1/2	7 x 3/4 x 9 1/2	8			Set 4468B	Set 4468BX
4469D	16	7 x 3/4 x 8 3/5	8		\$76.85	Set 4469D	Set 4469XD
4470	20 1/4	5 x Tapered x 11 1/2	8	\$1.75		Set 4470	Set 4470X
4471D	18	7 x Tapered x 8 1/2	8		\$1.00	Set 4471D	Set 4471XD
4474D	16 1/2	5 1/2 x 2 1/2 x 19	4		\$4.15	Set 4474D	Set 4474XD
4475D	16 1/2	7 x 2 1/2 x 19	4		\$86.50	Set 4475D	Set 4475XD
4476D	16 1/2	8 x 3/4 x 8 3/4	8		\$85.00	Set 4476D	Set 4476XD
4481	16 1/2	4 x 3/8 x 15 3/8	4	24.45		4-40630	4-40732
4484AD	20	8 x 3/4 x 12 3/8	8		\$148.50	Set 4484AD	Set 4484AXD
4485D	16 3/4	5 x 3/4 x 8 3/8	8		\$9.70	Set 4485D	Set 4485XD
4488	16 1/2	5 x 3/8 x 7 1/2	12	\$2.00		Roll	Set 4488X
4489	17 1/4	4 x 3/8 x 7 3/8	12	\$6.15		Roll	Set 4489X
4490D	16 1/2	5 x 3/4 x 9 1/2	8		\$2.55	Set 4490D	Set 4490XD
4501	12 1/4	6 x 3/4 x 12 7/8	4	\$3.40		Set 4501	Set 4501X
4507	17 3/4	4 x 3/8 x 17 7/8	4	\$8.35		4-40631	4-40733
4509D	16 1/4	3 1/2 x 3/2 x 17 3/8	4		\$3.00	Set 4509D	Set 4509XD
4511	16 1/2	6 x 3/8 x 15 3/8	4	\$7.05		4-60645	4-60846

Memoranda

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Segments will be packed 8 of a single GSB No. in a lithographed box

When $\frac{1}{8}$ " thickness is standard, .205 thickness will be supplied at no extra charge; $\frac{1}{4}$ " thickness, add 10% to list.
When $\frac{1}{4}$ " thickness is standard, $\frac{1}{8}$ " thickness, add 10% to list

"S" following BLMA No. indicates short segment; "L" indicates long segment.

45

GSB 27	GSB 29	GSB 32	GSB 34—Cont	GSB 37	GSB 41
199 1:01 1:01-L 1:02-S 1:07-S 259 284 292-L 294 653 1145-L 2002-L 2003-S 2012-L	271-S 1125 102-L 105-L 109 151 177-L 279 629 1110 1115 1178-L	1165-S 1172-S 145 195-L 296-S 1106 1106-S 1106A-1213-L 1137-L 1166 1213-L 1215-L 1219-S	220-L 281 287 296-L 1105 1105A 1105A-1179-L 1179-L 1216-L 1219-L 2006-L	184 272-S 1165-L 1176-L 1202-L	178-S 563 612 1187-S 1210
	GSB 30	GSB 33	GSB 35	GSB 38	GSB 42
GSB 28	1147-S 1/4" Thickness (O'size) 195-S 1137-S 1162-S 1213-S 1215-S	1144-S 1147-L 1155 1/4" Thickness (O'size) 174-S 182-S 192 192A-1161A-L 220-S 237 293 1161-L 1161A-L 1162-L	644 1002-S 1164 1171-L 1176-S 1188-L 1190-S 1/4" Thickness (O'size) 106-L 172 175 182-L 210 231 535-L 631-S 1118	153-S 224-S 1134-S 1135-S	1126 1187-L
256 260 1102 1103 1117 1124 1146-L 1186-L 1/4" Thickness (O'size) 105-S 183 226 227 253 253A 286-L 286A-L 533-L 614 627 642 1167-L 2000-L 2003-L	GSB 31	GSB 34	GSB 36	GSB 39	GSB 43
	1012-S 1012-1014-S 1171-S 1/4" Thickness (O'size) 192A-1161A-S 535-S 1105A-1179-S 1161-S 1161A-S 1179-S 1216-S 2006-S	193 295-S 1012-L 1012-1014-L 1014 1188-S 1202-S 1/4" Thickness (O'size) 106-S 174-L	215 295-L 631-L 1002-L 1144-L 1172-L 1190-L	117-S 134-S 223 224-L 271-L 273 655-S 1134-S 1154-S 1154A-S 1163	178-L 272-L 274 285 562
				GSB 40	GSB 44
				117-L 123 134-L 153-L 160 194 257 261 655-L 1135-L 1154-L 1154A-L 1181	219-S 232 647 1127
					GSB 45
					219-L 555 625 665 665A

GRIZZLY SAFTIBOND

Segments will be packed 8 of a single GSB No. in a lithographed box. Bulk packing will be 200 segments per carton. The following listings by BLMA numbers do not indicate manner of packing but is provided only to assist in ascertaining price factors.

Axle Set No.	No. Pcs. Required	Segment Number Short Shoe	No. Pcs. Required	Segment Number Long Shoe	No. Pcs. Per Set	Axle Set No.	No. Pcs. Required	Segment Number Short Shoe	No. Pcs. Required	Segment Number Long Shoe	No. Pcs. Per Set
*101	4	GSB 6	4	GSB 7	8	*179-187	4	GSB 1	4	GSB 1	8
102	2	GSB 7	2	GSB 9	4	182	2	GSB 13	2	GSB 15	4
*104	4	GSB 1	4	GSB 2	8	183			4	GSB 8	4
105	2	GSB 8	2	GSB 9	4	184			4	GSB 37	4
106	2	GSB 14	2	GSB 15	4	185	2	GSB 17	2	GSB 18	4
107	2	GSB 17	2	GSB 18	4	190	2	GSB 17	2	GSB 18	4
109			4	GSB 9	4	*192			8	GSB 13	8
111			4	GSB 18	4	*192A-1161A	2	GSB 11	6	GSB 13	8
113A			4	GSB 18	4	193			4	GSB 34	4
114		GSB 31	2	GSB 40	4	194			4	GSB 40	4
115			4	GSB 40	4	*195	4	GSB 16	4	GSB 12	8
*120			4	GSB 1	4	196	2	GSB 17	2	GSB 18	4
124	2	GSB 31	2	GSB 40	4	*198			4	GSB 27	4
*145			8	GSB 12	8	210			4	GSB 15	4
150			4	GSB 9	4	215			4	GSB 36	4
151			4	GSB 18	4	219		GSB 44		GSB 45	4
152			4	GSB 40	4	*220	4	GSB 13	4	GSB 14	8
153		GSB 31	2	GSB 40	4	*221		GSB 17		GSB 17	4
154			4	GSB 15	4	*222				GSB 39	4
155			4	GSB 14	8	*223		GSB 31		GSB 39	4
156			4	GSB 15	4	*224		GSB 32		GSB 39	4
157			4	GSB 9	4	*225			4	GSB 8	4
158			4	GSB 15	4	*226			4	GSB 8	4
159			4	GSB 9	4	*227			4	GSB 15	4

* and cases sets that may be applied with the Hot Shot.

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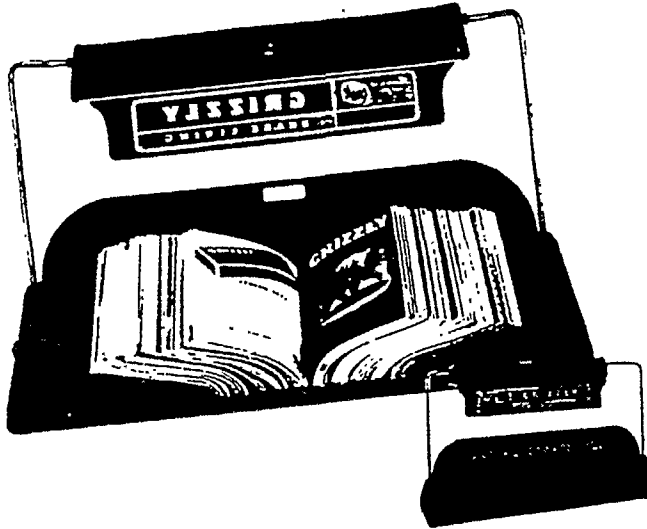


Asle Set No.	No. Pcs. Re- quired	Segment Number Short Shoe	No. Pcs. Re- quired	Segment Number Long Shoe	No. Pcs. Per Set	Asle Set No.	No. Pcs. Re- quired	Segment Number Short Shoe	No. Pcs. Re- quired	Segment Number Long Shoe	No. Pcs. Per Set
232			4	QSB 44	4	1103			4	QSB 11	4
*234			4	QSB 17	4	*1105			4	QSB 14	4
*237			8	QSB 12	3	*1105A			4	QSB 14	4
239			4	QSB 18	4	*1105A-1179	2	QSB 11	5	QSB 14	3
*253			8	QSB 8	3	*1106			4	QSB 12	4
*253A			8	QSB 1	3	*1106A			4	QSB 12	4
*254			4	QSB 2	4	*1106A-1213	2	QSB 10	6	QSB 12	3
*255			4	QSB 23	4	1110			4	QSB 9	4
256			4	QSB 21	4	*1111			4	QSB 5	4
257			4	QSB 40	4	1115			4	QSB 9	4
*259			8	QSB 7	8	1116			4	QSB 18	4
*260			4	QSB 23	4	1117			4	QSB 23	4
261			4	QSB 40	4	1118			4	QSB 15	4
*266			8	QSB 5	8	*1120	1	QSB 17	2	QSB 17	4
271	2	QSB 29	2	QSB 30	4	1121	2	QSB 19	2	QSB 20	4
272	2	QSB 37	2	QSB 43	4	1124			4	QSB 28	4
273			4	QSB 39	4	1125			4	QSB 23	4
274			4	QSB 43	4	1126			4	QSB 42	4
*276			8	QSB 16	8	1127			4	QSB 44	4
*277			8	QSB 17	8	1132	2	QSB 17	2	QSB 17	4
279			4	QSB 9	4	1134	2	QSB 38	2	QSB 39	4
*280			4	QSB 17	4	1135	2	QSB 38	2	QSB 40	4
*281			8	QSB 14	8	*1137	4	QSB 10	4	QSB 12	3
*282			8	QSB 5	8	1144	2	QSB 33	2	QSB 36	4
*283			8	QSB 16	8	*1145	4	QSB 5	4	QSB 7	8
*284			8	QSB 7	8	*1145 All Long			4	QSB 7	4
285			4	QSB 43	4	1146	4	QSB 25	4	QSB 28	4
*286	4	QSB 6	4	QSB 8	8	*1146 All Long			4	QSB 28	4
*286A	4	QSB 6	4	QSB 8	8	*1147	4	QSB 39	4	QSB 33	3
*287			8	QSB 14	8	1154	2	QSB 39	2	QSB 40	4
*292	4	QSB 5	4	QSB 7	8	*1154A	2	QSB 39	2	QSB 40	4
*293			8	QSB 13	8	*1155			8	QSB 33	8
*294			8	QSB 7	8	*1160	4	QSB 16	4	QSB 17	8
295	4	QSB 34	4	QSB 36	8	*1160 All Long			4	QSB 17	4
*296	4	QSB 12	4	QSB 14	8	*1161	4	QSB 11	4	QSB 13	8
*299			8	QSB 17	8	*1161 All Long			4	QSB 13	4
*299A			8	QSB 17	8	*1161A	2	QSB 11	2	QSB 13	4
*299B			8	QSB 17	8	*1162	4	QSB 10	4	QSB 13	8
*310			8	QSB 3	8	1163			4	QSB 39	4
313			4	QSB 1	4	1164			4	QSB 35	4
*515			8	QSB 4	8	1165	2	QSB 32	2	QSB 37	4
*516			8	QSB 4	8	1166			8	QSB 12	3
518			2	QSB 1	2	*1167	4	QSB 6	4	QSB 8	3
520	2	QSB 1	4	QSB 1	8	*1168	4	QSB 5	4	QSB 6	8
533	4	QSB 5	4	QSB 9	8	*1168 All Long			4	QSB 6	4
535	4	QSB 11	4	QSB 15	8	1171	2	QSB 31	2	QSB 35	4
548	2	QSB 2	4	QSB 2	8	1172	2	QSB 32	2	QSB 36	4
549			2	QSB 6	4	1172 All Long			4	QSB 36	4
555			4	QSB 45	4	*1175			4	QSB 5	4
562	1	QSB 43	2	QSB 43	4	1176	2	QSB 35	2	QSB 37	4
563			2	QSB 41	4	1178	2	QSB 6	2	QSB 9	4
612			4	QSB 41	4	*1179	2	QSB 11	2	QSB 14	4
614	2	QSB 8	4	QSB 8	8	1181			4	QSB 40	4
625			4	QSB 45	4	1186	2	QSB 26	2	QSB 28	4
*627			8	QSB 8	8	1187	2	QSB 41	2	QSB 42	4
629			8	QSB 9	8	1188	2	QSB 34	2	QSB 35	4
630			8	QSB 18	3	1190	2	QSB 35	2	QSB 36	4
631	2	QSB 15	2	QSB 36	4	1202	2	QSB 34	2	QSB 37	4
*633			8	QSB 1	8	1210			4	QSB 41	4
*642			8	QSB 8	8	*1213	2	QSB 10	2	QSB 12	4
*643			8	QSB 6	3	1215	4	QSB 10	4	QSB 12	2
644			4	QSB 35	4	1216	4	QSB 11	4	QSB 14	8
647			4	QSB 44	4	1219	4	QSB 12	4	QSB 14	3
*653			8	QSB 7	3	1220	4	QSB 5	4	QSB 6	3
655	2	QSB 31	2	QSB 40	4	*2900	2	QSB 5	2	QSB 8	4
656			4	QSB 45	4	*2902	4	QSB 6	4	QSB 7	3
655A			4	QSB 45	4	*2903	4	QSB 7	4	QSB 8	3
690			4	QSB 1	2	*2904	2	QSB 18	2	QSB 19	4
1002		QSB 35		QSB 16	4	*2905	4	QSB 16	4	QSB 17	3
*1012	4	QSB 11	4	QSB 14	3	*2906	4	QSB 11	4	QSB 14	13
*1012-1014		QSB 11	3	QSB 14	3	*2911	4	QSB 5	4	QSB 6	3
1014			4	QSB 14	3	*2912	4	QSB 5	4	QSB 7	3
1014			4	QSB 27	4	*2915	2	QSB 16	2	QSB 17	4
1015			4	QSB 11	4						

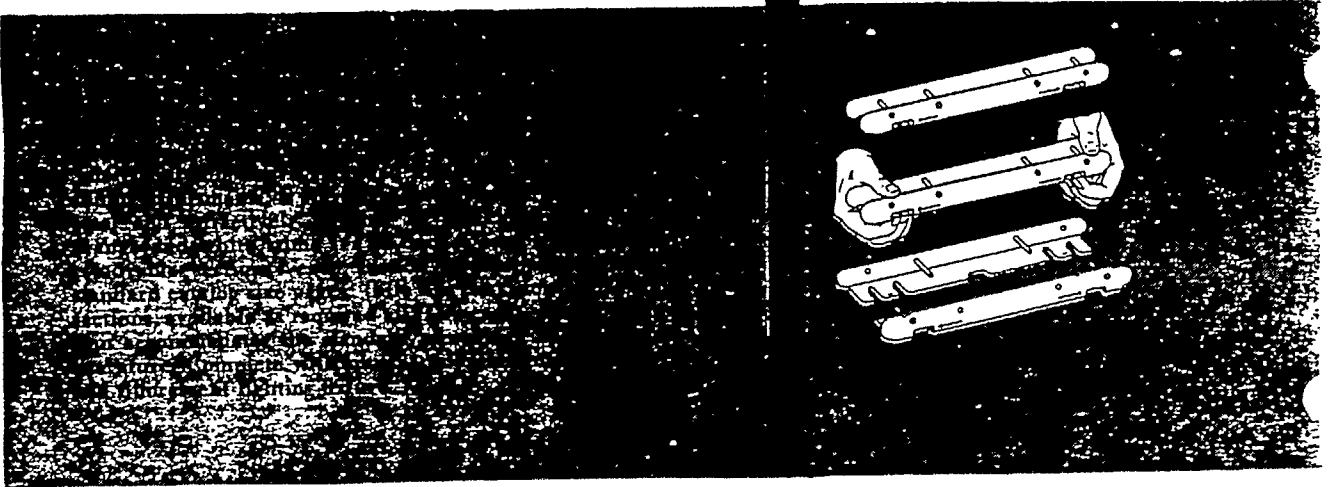
Indicates sets that may be applied with the Speed-Border

GRIZZLY BRAKE LINING

USE A GRIZZLY SECTIONAL FILE FOR QUICKER, EASIER REFERENCE TO PARTS DATA, PRICE LISTS AND CATALOGS

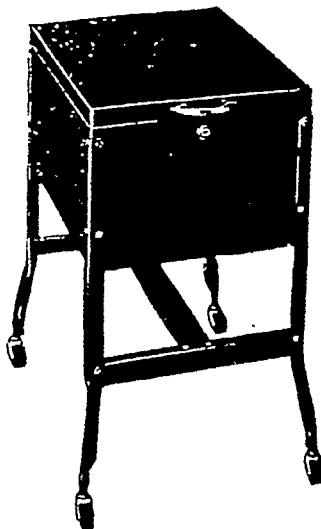


Removable patented sections permit easy grouping of related literature and insertion of new material into one section without disturbing others. Sections have self-locking trigger trips that open by finger pressure on release tabs. Insert material, slip two pieces together and section automatically locks securely.



YOUR CHOICE OF THESE 6 GRIZZLY ASSORTMENTS

ASSORTMENT 40A	ASSORTMENT 40B	ASSORTMENT 40C	ASSORTMENT 40D	ASSORTMENT 40E	ASSORTMENT 40F
For Variety of Popular Cars	For Ford-Mercury Dealer	For Chevrolet Dealer	For Chrysler-Plymouth-Dodge-DeSoto Dealer	For Buick Dealer	For Chrysler Dealer
1 Sectional File with light	1 Sectional File with light	1 Sectional File with light	1 Sectional File with light	1 Sectional File with light	1 Sectional File with light
5 sets 145D 5 sets 653D	10 sets No. 642D	40 sets No. 653D	10 sets No. 145D	10 sets No. 136D	10 sets 145D
2 sets 192D 5 sets 1127D	20 sets No. 1167D		10 sets No. 136D	10 sets No. 136D	10 sets 1127D
2 sets 253D 5 sets 1162D			10 sets No. 1137D	5 sets No. 136D	10 sets 1152D
2 sets 286D 5 sets 1167D			10 sets No. 1162D	5 sets No. 2063D	10 sets 1152D
2 sets 292D 1 set 2063D					10 sets 1152D
5 sets 642D 1 set 2063D					10 sets 1152D
LIST PRICE \$311.25	LIST PRICE \$300.75	LIST PRICE \$303.75	LIST PRICE \$299.25	LIST PRICE \$310.20	LIST PRICE \$312.50



GRIZZLY *Rollaway* FILE

- Beautiful design
- All-steel construction
- Sturdy steel braces
- Top slides to rear
- Furnished with lock
- Complete with 1 set A-Z Hang files
- Gray, Hammerloid, baked enamel

Place this convenient rollaway file at the side of your desk. Then observe how much faster you can find current records and correspondence. The easy roll-back top eliminates drawer-pulling and stooping. Merely roll to one side when not in use. This Grizzly rollaway is precision built of quality materials . . . will last a lifetime with ordinary use.

It's a combination offer of real help to you. Sold with 12 individually boxed Grizzly-Syncro Sets. See the listing below, then mail your order today.

CONTAINS 12 INDIVIDUALLY BOXED GRIZZLY SYNCRO SETS

CHRYSLER ASSORTMENT No. F-1	FORD ASSORTMENT No. F-2	G. M. ASSORTMENT No. F-3	POPULAR MAKE ASSORTMENT No. F-4
2 Sets No. 145D Grizzly 2 Sets No. 1137D Grizzly 2 Sets No. 1162D Grizzly 3 Sets No. 192A-1161AD Grizzly 3 Sets No. 1106A-1213D Grizzly 1 ONLY ROLLAWAY FILE WITH ALPHABETICAL INDEX	6 Sets No. 642D Grizzly 6 Sets No. 1167D Grizzly 1 ONLY ROLLAWAY FILE WITH ALPHABETICAL INDEX	1 Set No. 286D Grizzly 1 Set No. 292D Grizzly 8 Sets No. 653D Grizzly 1 Set No. 2005D Grizzly 1 Set No. 2006D Grizzly 1 Only Rollaway File With Alphabetical Index	1 Set No. 145D Grizzly 1 Set No. 192A-1161AD Grizzly 1 Set No. 286D Grizzly 1 Set No. 292D Grizzly 2 Sets No. 642D Grizzly 2 Sets No. 653D Grizzly 1 Set No. 1106A-1213D Grizzly 1 Set No. 1162D Grizzly 2 Sets No. 1167D Grizzly 1 ONLY ROLLAWAY FILE WITH ALPHABETICAL INDEX
LIST PRICE \$103.65	LIST PRICE \$103.05	LIST PRICE \$110.70	LIST PRICE \$105.15

EIGHT CARTON DEAL

STOP...AT LIGHTEST PRESSURE

"Bear in Mind" ask for **GRIZZLY BRAKE LINING**

We recommend



**GRIZZLY NATIONAL
ADVERTISING TO
CAR OWNERS BUILDS
GREATER PROFITS FOR
GRIZZLY DEALERS**

Now — six leading mass circulation magazines are carrying Grizzly advertisements pointing out the superior features of Grizzly Brake Lining to over 35 million readers! Millions of vehicle owners are regularly learning that both "Big Foot" and "Little Foot" get smooth, sure, "soft" pedal stops with Grizzly, and every day more and more brake reline customers are specifying Grizzly.

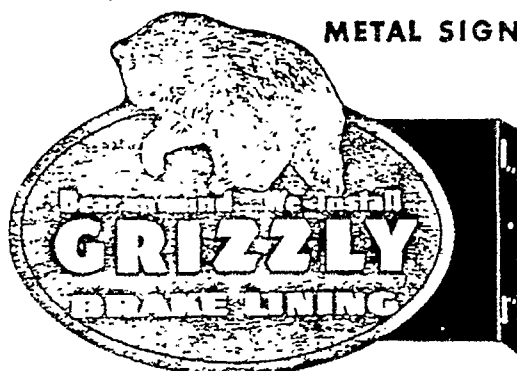
In addition to helping Grizzly dealers sell more reline jobs through consistent advertising support to vehicle owners, Grizzly advertisements also appear regularly in the leading publications reaching all branches of the automotive service trade. Thus Grizzly Dealers and Distributors enjoy the advantage of a more ready market and the opportunities for expanded business which this aggressive and constant advertising program assures.

**TIE-IN WITH GRIZZLY'S
IMPORTANT NATIONAL
ADVERTISING BY USING THESE
GRIZZLY MERCHANDISING HELPS**



COUNTER DISPLAY

Exhibits a Grizzly set, showing how sets are individually boxed and marked for make and model of car. Printed in yellow, orange and black. Approximate size 14" x 21".



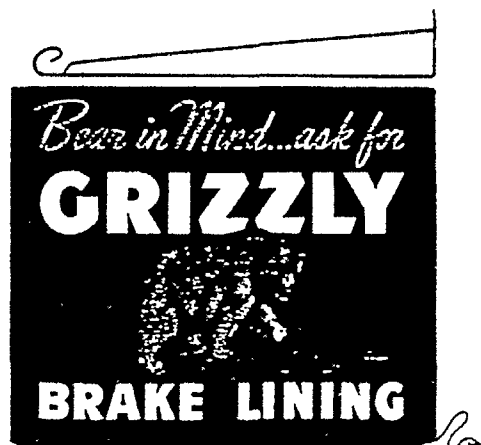
METAL SIGN

Attractive, durable sign designed for either exterior or interior shop use. Finished in orange and black. Approximate size 20" x 14".

Store signs, counter displays, mailing folders, advertising mats and many other valuable selling aids are included in Grizzly's all-inclusive merchandising program illustrated on this page and the two following pages. These merchandising items are designed to help increase your brake lining sales and thus build important profits for your shop.

When you use these important selling helps you also automatically take advantage of Grizzly's powerful national advertising that reaches millions of car owners every month. Grizzly merchandising items displayed in your place of business, used in your local advertising and sent to your customers will tie your shop in with Grizzly and also serve as constant reminders for need of brake service.

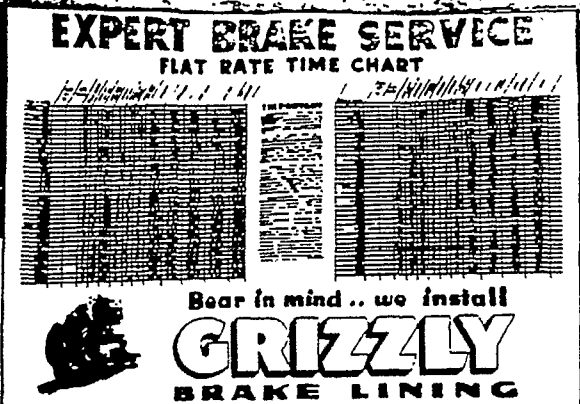
Grizzly's merchandising program is available to all Grizzly dealers. For details on obtaining particular items see your Grizzly Distributor or write Grizzly Manufacturing Company, Paulding, Ohio.



ELECTRIC SIGN

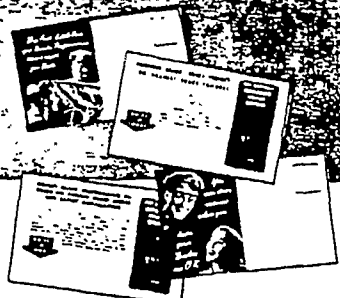
Unusually colorful electric sign designed for interior shop use. Complete with extension cord and hanger. Finished in green, orange, black and white. Approximate size 24" x 16".

BEAR IN MIND...ask for



EXPERT BRAKE SERVICE
FLAT RATE TIME CHART

Bear in mind .. we install
GRIZZLY
BRAKE LINING



FLAT RATE WALL CHART

Provides a handy reference source for determining costs on brake service work. Printed in yellow, orange and black. Approximate size 40" x 28".

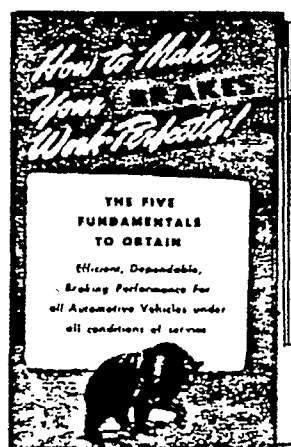
MAILING CARDS

Use this series of four mailing cards to bring profitable brake service jobs into your shop. Printed in orange and black with your name imprinted.



SHIPPING TAGS AND LABELS

Save time, improve the appearance of your parcels with your own individualized shipping tags and labels.

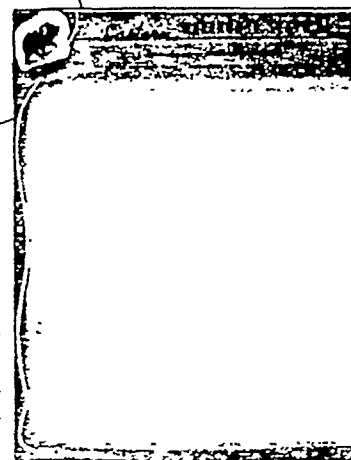


MAILING FOLDER

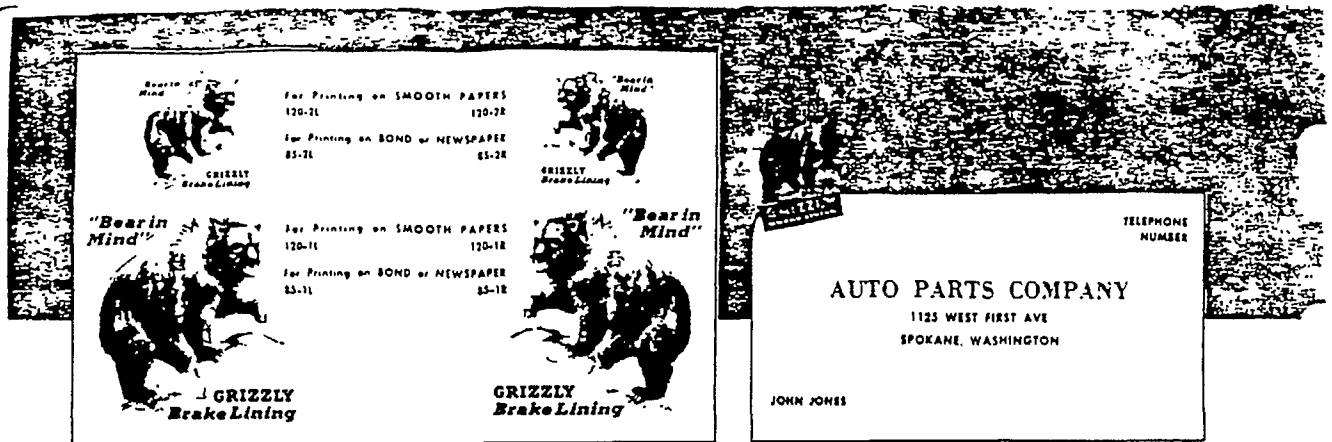
Envelope size folder for mailing or counter pick-up gives car owners advice on brake performance. Imprinted for you. Available in French and Spanish also.

LETTERHEADS AND ENVELOPES

Your letter gets more attention when you use these attractive, two-color letterheads with matching envelopes. Imprinted for you.



GRIZZLY BRAKE LINING

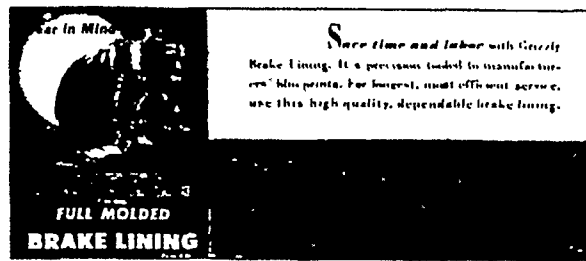


ELECTROTYPES

For use on stationery and for advertising. Supplied mounted, ready to go to press.

BUSINESS CARD

Designed with the die-cut Grizzly Bear for special interest.



BLOTTERS

An excellent means of conveying your name and advertising message. Note the prominent place for your imprint on this large size Grizzly blotter.

DECALCOMANIAS

Attractive decals for windows, doors, shelves, trucks and many other places. Approximate size 7" x 8".



MATCH BOOKS

Your name and advertising message printed on the front of these always welcome match books. Printed in yellow, orange and black.

ADVERTISING MATS

Professionally prepared newspaper advertisements designed with plenty of room for your name, address, prices and other personal advertising messages. Available in various one and two column sizes.



BEAR IN MIND... ask for

Shop Notes



GRIZZLY DRAKE LINING

MAR

005181



L I S T P R I C E C A T A L O G

GRIZZLY

BRAKE LINING

ROLLS, SEGMENTS, SETS & BLOCKS

MANUFACTURED BY

GRIZZLY MANUFACTURING COMPANY

PAULDING, OHIO

ST. LOUIS WAREHOUSE SERVICE
2225 Central Ave., St. Louis, Mo.
FRANK J. MEYERMAN CO.
(Box) 424 Peachtree St. N.E., Atlanta, Ga.
Import Department GRIZZLY MANUFACTURING CO., 300 Broadway, New York 7, N.Y. U.S. Cable Address: LINZCO

EASTERN WAREHOUSE SERVICE
305 W. 59th St., New York 20, N.Y.
AUTOMOTIVE WAREHOUSE CO., Inc.
500 S. Grand Ave., Los Angeles 45, Calif.

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