

FRICTION MATERIALS STANDARDS INSTITUTE
588 MONROE TURNPIKE, MONROE, CT 06468
AUTOMOTIVE DATA BOOK BULLETIN #6-001 April 24, 2001

This is the last Automotive Data Book Bulletin before copy was sent to the printer for the 2001 Automotive Data Book.

		FRONT FMSI NO.	SYSTEM F/R	REAR FMSI NO.
<u>CHEVROLET TRUCK</u>				
Trail Blazer	2002	7759-D882**	D/D	7760-D883**
		(Notes #15 & #36)		(Notes #16 & #37)

<u>CHRYSLER</u>				
2001, Sebring Convertible		7744-D869**	D/D	7438B-D641
2001, Sebring Coupe		7365-D484**	D/D	7272-D383**
	OR	7741-D866**	D/	

<u>DANA - SPICER AXLES</u>				
15 x 4 ES	2001-99	4729	A/	
		(Note #23)		

<u>DODGE</u>				
2001, Stratus Coupe		7365-D484**	D/D	7272-D383**
	OR	7741-D866**	D/	
2001, Viper		7471-D592**	D/D	7756-D878**
				(Notes #12 & #32)

<u>DODGE/PLYMOUTH</u>				
2001, Neon		7623-D730**	D/N	1473-S689*
	OR		/D	7438-D759**

<u>DODGE TRUCK (See Comments)</u>				
Dakota	2001	7616-D820**	D/BH	2176T-538
	OR		/BH	2182T-S734*
Ram 1500	2001	7718-D842**	D/BH	2182T-S734*
Ram 1500 4WD	2001	7694-D859**	D/BH	2182T-S734*
Ram 2500	2001	7694-D859**	D/BH	2171T-583
	OR		/D	7752-D702**
				(Note #8)
Ram 3500	2001	7694-D859**	D/BH	2171T-583
	OR		/D	7752-D702**
Ram Van B1500	2001	7627-D758**	D/BH	2182T-S734*
Ram Van B2500	2001	7677-D655**	D/BH	2182T-S734*
	OR		/BH	2171T-583*
Ram Van B3500	2001	7677-D655**	D/BH	2182T-S734*
	OR		/BH	2171T-583*

<u>FORD</u>				
2001, Focus		7690-D816**	D/N	1513-S747*

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April 24, 2001

FRONT

SYSTEM REAR

FMSI NO.

F/R

FMSI NO.

FORD TRUCK - continued (See Corrections)

Explorer Sport Trac	2001		/BH	2182T-S734*
Expedition	2001-99(late)		/D	7584-D879** (Note #33)
F150	2001-99(late)		/D	7584-D879**
F250	1999(late)		/D	7584-D879**
Explorer	2002	7706-D833**	D/D	7758-D881** (Notes #14 & #35)

GMC TRUCK

Envoy	2002	7759-D882**	D/D	7760-D883**
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JEEP

2001, Grand Cherokee		7660-D790**	D/D	7661-D791**
2001, Wrangler		7358-D712**	D/BH	2190T-S769* (Notes #18 & #39)
2001, Cherokee		7358-D712**	D/BH	2190T-S769* (Notes #19 & #39)
	OR		/BH	2174TT-S670*

LEXUS

2001, LS430		7745-D870**	D/D	7746-D871** (Notes #1 & #24) (Notes #2 & #25)
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LINCOLN (See Corrections)

2001, Town Car			/BH	2182T-S734*
2001-99(late), Navigator			/D	7584-D879**

MAZDA

2001, 626		7515-D637**	D/N	1407-S667*
	OR	7624-D755**	D/D	7464-D584**

MERCEDES

2000, CL500		7723-D847**	D/D	7724-D848**
2001, C320		7747-D872**	D/D	7748-D873** (Notes #3 & #26) (Notes #4 & #27)
2000-99, ML55		7723-D847**	D/D	7749-D874** (Notes #5 & #28)
2000-99, SL500		7723-D847**	D/	
2001-99(late), ML320			/D	7750-D875** (Notes #6 & #29)
1999, ML430			/D	7750-D875**
2000-98, CLK320			/D	7753-D876** (Notes #9 & #30)
2000-99, CLK430			/D	7753-D876**
2000, CLK430 Convert.			/D	7753-D876**
1997, E420			/D	7753-D876**
2000-98, E430			/D	7753-D876**
2000, E430 4-Matic			/D	7753-D876**
2000-98, E320			/D	7753-D876**
2000-98, E320 4-Matic			/D	7753-D876**

April 24, 2001

		FRONT	SYSTEM	REAR
		<u>FMSI NO.</u>	<u>F/R</u>	<u>FMSI NO.</u>
<u>MERCURY</u>				
2001, Cougar		7528-D745**	D/N	1510-S742*
	OR	7672-D801**	D/N	1504-S736*
	OR		/D	7541-D661**
2000, Cougar		7672-D801**	D/N	1510-S742*
	OR		/N	1504-S736*
2001, Villager		7456-D576**	D/N	1452-S665
2002, Mountainer		7706-D833**	D/D	7758-D881**

OLDSMOBILE

2002, Bravada		7759-D882**	D/D		7760-D883**
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PLYMOUTH

2001, Prowler		7597-D730**	D/D		7598-D730**
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TOYOTA

2001, Avalon		7581-D707**	D/D		7701-D828**
2001, Tacoma 2WD		7548-D433**	D/N		1358-505*
	OR	7671-D799**	D/N		1397-589*
2001, MR2 Spyder		7695-D822**	D/D		7751-D528**
					(Note #7)

VOLKSWAGEN

2001, Beetle		7710-D687**	D/D		7335-D340**
	OR	7709-D768**	D/		
2001, Golf	OR		/D		7335-D340**
2001, Golf GTI	OR		/D		7335-D340**
2001, Passat		7711-D836**	D/D		7335-D340**
2001, Eurovan		7729-D852**	D/D		7755-D877**
					(Notes #11 & #31)
	OR	7757-D880**	D/		
		(Notes #13 & #34)			
2000, Eurovan		7728-D705**	D/D		7755-D877**
	OR	7729-D852**	D/		
1999-98, Eurovan			/D		7681-D808**
			/D		7685-D808**
			/D		7754-D877**
					(Notes #10 & #31)

EMERGENCY & PARKING BRAKE

<u>DD</u>	<u>SIZE</u>			<u>PCS</u>	<u>SIZE</u>	<u>LOCATION</u>
<u>CHEVROLET</u>						
2001-00, Impala (DIH)						
175	22.6	x 3.2	x 196.9	4	2191	Internal
(6.89)	(.89	x .126	x 7.75)		(S770)	
					(Notes #20 & #40)	
<u>CHEVROLET TRUCK</u>						
2001-99, Silverado (DIH)						
205	41.9	x 3.8	x 244.3	4	2192	Internal
(8.07)	(1.65	x .150	x 9.62)		(S771)	
					(Notes #21 & #41)	

EMERGENCY & PARKING BRAKE (continued)

	<u>DD</u>	<u>SIZE</u>			<u>PCS</u>	<u>SIZE</u>	<u>LOCATION</u>
<u>FORD TRUCK</u>							
2000-99, F450 (DIH)							
242	62.0	x 4.5	x 285.7	4	2193	Internal	
(9.53)	(2.44	x .177	x 11.25)		(S772)		
					(Notes #22 & #42)		
2000-99, F53 (DIH)							
242	62.0	x 4.5	x 285.7	4	2193	Internal	
(9.53)	(2.44	x .177	x 11.25)		(S772)		
2000-99, F550 (DIH)							
242	62.0	x 4.5	x 285.7	4	2193	Internal	
(9.53)	(2.44	x .177	x 11.25)		(S772)		

GMC TRUCK

2001-99, Sierra (DIH)							
205	41.9	x 3.8	x 244.3	4	2192	Internal	
(8.07)	(1.65	x .150	x 9.62)		(S771)		

MITSUBISHI

2001, Montero Sport (DIH)							
200	38.1	x 6.4	x 190.5	4	2189	Internal	
(7.87)	(1.50	x .252	x 7.50)		(S768)		
					(Notes #17 & #38)		

COMMENTS

<u>Lining</u>	<u>Assembly</u>	<u>Application</u>
7584	7584-D879	2001-99(late) Ford Expedition Rear 2001-99(late) Ford Truck F150 Rear 1999(late) Ford Truck F250 Rear 2001-99(late) Lincoln Navigator Rear

Existing shoe with new lining:

<u>Shoe</u>	<u>Assembly</u>	<u>Application</u>
D528	7751-D528	2001 MR2 Spyder Rear
D702	7752-D702	2001 Dodge Ram 2500, 3500 Rear

CORRECTIONS

Bulletin #1-001 showed rear of 2001 Ford Explorer Sport Trac as 2182TT-S723. The correct listing is 2182T-S734.

Bulletin#5-001 listed FMSI 2182TT-S723 as an optional brake on the Lincoln Town car. The correct listing is FMSI 2182T-S734.

The rear brake for the 2001-99(late) Ford Expedition, Ford F150, 1999(late) F250 and the 2001-99(late) Lincoln Navigator Rear was listed as FMSI 7584-D711. The correct listing is 7584-D879.

DISC BRAKE LINING ASSIGNMENTS

Note #1 7745 (D870) Lexus	<u>FMSI 7745</u>	7745-D870		
	55.1 15.9	117.1	4	Integrally
	(2.17 .626	4.61)		Molded
Note #2 7746 (D871) Lexus	<u>FMSI 7746</u>	7746-D871		
	38.7 14.8	94.6	4	Integrally
	(1.52 .583	3.72)		Molded
Note #3 7747 (D872) Mercedes	<u>FMSI 7747</u>	7747-D872		
	48.9 18.8	112.3	2	Integrally
	44.5 18.6	112.3	2	Molded
	(1.93 .740	4.42)		
	(1.75 .732	4.42)		
Note #4 7748 (D873) Mercedes	<u>FMSI 7748</u>	7748-D873		
	50.2 14.2	60.2	4	Integrally
		Tapered		Molded
	(1.98 .558	2.37)		
Note #5 7749 (D874) Mercedes	<u>FMSI 7749</u>	7749-D874		
	45.5 14.6	72.5	4	Integrally
	(1.79 .575	2.85)		Molded
Note #6 7750 (D875) Mercedes	<u>FMSI 7750</u>	7750-D875		
	38.2 15.9	123.4	4	Integrally
	(1.52 .626	4.86)		Molded
Note #7 7751 (D528) Toyota	<u>FMSI 7751</u>	7751-D528		
	44.2 15.8	82.0	2	Integrally
	42.9 15.4	94.0	2	Molded
	(1.74 .622	3.23)		
	(1.69 .606	3.70)		

DISC BRAKE LINING ASSIGNMENTS (continued)

Note #8 7752	<u>FMSI 7752</u> 43.2 19.8 (1.70 .780)	7752-D702 154.3 6.07)	4	Integrally Molded
(D702) Dodge Truck				
Note #9 7753	<u>FMSI 7753</u> 49.5 14.3 (1.95 .563)	7753-D876 59.9 2.36)	4	Integrally Molded
(D876) Mercedes				
Note #10 7754	<u>FMSI 7754</u> 35.8 15.4 (1.41 .606)	7754-D877 89.9 3.54)	4	Integrally Molded
(D877) Volkswagen				
Note #11 7755	<u>FMSI 7755</u> 35.8 15.4 (1.41 .606)	7755-D877 89.9 3.54)	4	Integrally Molded
(D877) Volkswagen				
Note #12 7756	<u>FMSI 7756</u> 35.8 15.7 (1.41 .618)	7756-D878 112.1 4.41)	4	Integrally Molded
(D878) Dodge				
Note #13 7757	<u>FMSI 7757</u> 63.5 18.7 63.5 18.7 (2.50 .736 (2.50 .736	7757-D880 110.7 110.7 4.36) 4.36)	2 2	Integrally Molded
(D880) Volkswagen				
Note #14 7758	<u>FMSI 7758</u> 38.5 14.6 (1.52 .575)	7758-D881 116.6 4.59)	4	Integrally Molded
(D881) Ford Truck				
	Mercury			
Note #15 7759	<u>FMSI 7759</u> 42.4 16.7 (1.67 .657	7759-D882 153.2 6.03)	4	Integrally Molded
(D882)	Chev Truck	GMC T: Oldsmobile		

DISC BRAKE LINING ASSIGNMENTS (continued)

Note #16		<u>FMSI 7760</u>	7760-D883		
7760		39.8 17.4	113.3	4	Integrally
		(1.57 .685	4.46)		Molded
(D883)	Chev Truck	GMC T	Oldsmobile		

DRUM BRAKE LINING ASSIGNMENTS

Note #17		<u>FMSI 2189</u>	2189-S768		
2189	200	38.1 6.4	190.5	4	- 56
	(7.87	1.50 .252	7.50)		

(S768)

See Parking Brake Section
Mitsubishi

Note #18		<u>FMSI 2190T</u>			
2190T	228.6	63.5 4.7	188.5	2	Bonded
	228.6	63.5 6.2	222.3	2	
	(9.00	2.50 .185	7.42)		
	(9.00	2.50 .245	8.75)		

(S769)

Jeep

Note #19		<u>FMSI 2190T</u>			
2190T	228.6	63.5 4.7	188.5	2	- 40
	228.6	63.5 6.2	222.3	2	
	(9.00	2.50 .185	7.42)		
	(9.00	2.50 .245	8.75)		

(S769)

Jeep

Note #20		<u>FMSI 2191</u>	2191-S770		
2191	175	22.6 3.2	196.9	4	Bonded
	(6.89	.89 .126	7.75)		

(S770)

See Parking Brake Section
Chevrolet

Note #21		<u>FMSI 2192</u>	2192-S771		
2192	205	41.9 3.8	244.3	4	Bonded
	(8.07	1.65 .150	9.62)		

(S771)

See Parking Brake Section
Chev Truck GMC Truck

Note #22		<u>FMSI 2193</u>	2193-S772		
2193	242	62.0 4.5	285.7	4	Bonded
	(9.53	2.44 .177	11.25)		

(S772)

See Parking Brake Section
Ford Truck

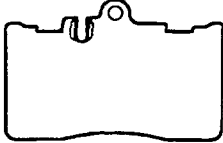
BRAKE BLOCK LINING ASSIGNMENTS

Note #23		<u>FMSI 4729</u>					
4729	15.0	4.0	.800	6.83	8	10-	64
			Tapered				

Dana

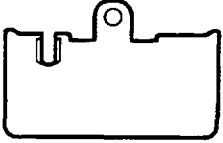
DISC BRAKE SHOE ASSIGNMENTS

Note #24	<u>FMS D870</u>				
	118.5	Plate 5.1			
SHOE D870	(4.67)	(.201)			
7745					



Lexus

Note #25	<u>FMS D871</u>				
	96.1	Plate 5.1			
SHOE D871	(3.78)	(.201)			
7746					



Lexus

Note #26	<u>FMS D872</u>				
	131.1	Plate 5.1			
SHOE D872-1	(5.16)	(.201)			
7747					

Metal composite shim 0.8 (.031) thick staked-on
Linings are drilled for electric sensors



Mercedes

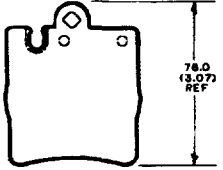
	131.1	Plate 5.1			
SHOE D872-O	(5.16)	(.201)			
7747					



Mercedes

Metal composite shim 0.8 (.031) thick staked-on

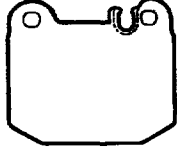
Note #27	<u>FMS D873</u>				
	63.8	Plate 4.1			
SHOE D873	(2.51)	(.161)			
7748					



Mercedes

One shoe as shown with notch for electric sensor
Three shoes without notch for electric sensor
Metal shim 0.4 (.016) thick and metal composite shim 0.7 (.028) thick

Note #28	<u>FMS D874</u>				
	74.8	Plate 4.6			
SHOE D874	(2.94)	(.181)			
7749					



Mercedes

Linings drilled for electric sensor
Metal shim 0.4 (.016) thick and metal composite shim 0.7 (.028) thick
Composite shim wraps around shoe to give effective length of 76.5 (3.01)

DISC BRAKE SHOE ASSIGNMENTS (continued)**Note #29** FMS D875

140.2 Plate 6.1

SHOE D875-I (5.52) (.240)



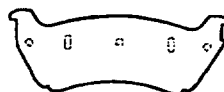
Mercedes

7750
One inner as shown with piston clip 38.9 (1.53) free diameter and metal composite shim 0.7 (.028) thick, lining drilled for electric sensor

FMS D875

140.2 Plate 6.1

SHOE D875-O (5.52) (.240)



Mercedes

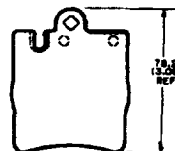
7750
One inner as shown with clip & shim as above

One outer as shown & one mirror image with bowtie on center lug,
anti-rattle (LH,RH) on end without notch and shim 0.7 (.028) thick

Note #30 FMS D876

63.8 Plate 4.2

SHOE D876 (2.51) (.165)



Mercedes

7753
All linings drilled for electric sensors
Metal composite shim 0.7 (.028) thick
Metal shim 0.4 (.016) thick

Note #31 FMS D877

94.7 Plate 5.6

SHOE D877 (3.73) (.220)



Volkswagen

7754
7755
Retainer spring in cut-out with eyelet and washer

Metal composite insulator 1.0 (.039) thick on all

FMSI 7755-D877 has electric sensor in one assembly

Note #32 FMS D878

114.3 Plate 5.5

SHOE D878 (4.50) (.217)



Dodge

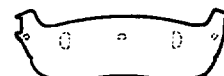
7756
Retainer spring in cut-out with eyelet and washer

Metal composite shim 1.0 (.039) thick

Note #33 FMS D879

142.5 Plate 5.1

SHOE D879 (5.61) (.201)

Ford Truck
Lincoln

7584
Two pieces as shown, two pieces mirror image

Inners have rose clip 26.4 (1.04) free diameter

Outers have anti-rattle clip

Molded material insulator 1.0 (.039) thick

DISC BRAKE SHOE ASSIGNMENTS (continued)

Note #34 FMS D880

161.4 Plate 6.8

SHOE D880-I (6.35) (.268)

7757

Electric sensor in lining

Metal composite shim 0.8 (.031) thick

Piston clip 53.3 (2.10) free diameter staked-on



Volkswagen

FMS D880

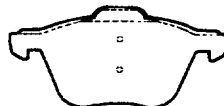
161.4 Plate 6.8

SHOE D880-O (6.35) (.268)

7757

Clip staked-on upper lug

Metal composite shim 0.8 (.031) thick



Volkswagen

Note #35 FMS D881

140.3 Plate 5.0

SHOE D881 (5.52) (.197)

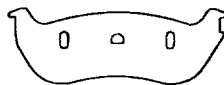
7758

Two shoes as shown, two shoes mirror image

Metal composite shim 0.6 (.024) thick on all

Inners have piston clip (LH,RH) 27.0 (1.06) free diameter

Outers have bow-tie clip



Ford Truck
Mercury

Note #36 FMS D882

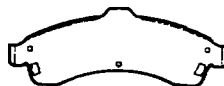
176.8 Plate 6.1

SHOE D882 (6.96) (.240)

7759

Metal composite shim 0.6 (.024) thick

Eight clip-on sensors (two per assembly)



Chev Truck
GMC Truck
Oldsmobile

Note #37 FMS D883

137.7 Plate 6.4

SHOE D883 (5.42) (.252)

7760

Metal composite shim 0.8 (.031) thick

Two sensors staked-on each assembly



Chev Truck
GMC Truck
Oldsmobile

DRUM BRAKE SHOE ASSIGNMENTS

Note #38 FMS S768

200.0 x 38.1 Web 5.9

SHOE S768 (7.87 x 1.50) (.232)

2189

DIH Parking Brake

Two shoes have pin in first hole at toe to make LH,RH



Mitsubishi

DRUM BRAKE SHOE ASSIGNMENTS (continued)**Note #39** FMS S769

228.6 x 63.5

Web 4.2

SHOE S769 (9.00 x 2.50)

(.165)



Jeep

2190T

Two secondary shoes have pin in hole at heel to make LH,RH

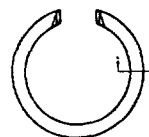
Note #40 FMS S770

175.0 x 22.6

SHOE S770 (6.89 x .890)

2191

DIH Parking Brake



Chevrolet

Note #41 FMS S771

205.0 x 42.0

Web 6.35

SHOE S771 (8.07 x 1.65)

(.250)



Chev Truck

2192

GMC Truck

DIH Parking Brake

Note #42 FMS S772

242.0 x 62.0

Web 6.2

SHOE S772 (9.53 x 2.44)

(.244)



Ford Truck

2193

DIH Parking Brake

NOTICE

At the current rate of disc plate part number additions, we will be at Part Number D1000 in less than three years. Therefore, if anyone interfaces with their IS, Cataloging and Collateral Material Departments, it would be wise to suggest they plan for a larger part number in the near future. It is better to plan now than to have to scramble when Part Number D1000 is issued.

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