

FRICTION MATERIALS STANDARDS INSTITUTE
588 MONROE TURNPIKE, MONROE, CT 06468
AUTOMOTIVE DATA BOOK BULLETIN #2-001
October 20, 2000

	FRONT FMSI NO.	SYSTEM F/R	REAR FMSI NO.
<u>AUDI (See Comments)</u>			
2000, A8 Quattro	7725-D839** (Note #6)	D/D	7727-D851** (Notes #8 & #20)
<u>CADILLAC</u>			
2000-98, Seville	7726-D850** (Notes #7 & #19)	D/	
<u>CHEV TRUCK/GMC TRUCK (See Corrections)</u>			
Express Van G2500/ Savana G2500	2000 7721-D845** (Notes #2 & #14)	D/	
<u>DODGE TRUCK (See Comments & Corrections)</u>			
Ram 2500	1999 7260-D845**	D/	
<u>JAGUAR (See Comments)</u>			
2000, S-Type	7676-D849** (Note #18)	D/	
<u>MERCEDES</u>			
1998, E300	7730-D853** (Notes #11 & #22)	D/	
2000, S430	7723-D847** (Notes #4 & #16)	D/D	7724-D848** (Notes #5 & #17)
2000, S500	7723-D847**	D/D	7724-D848**
<u>PONTIAC</u>			
2001, Aztek	7720-D844** (Notes #1 & #13)	D/	
<u>TOYOTA</u>			
2001, Prius	7722-D846** (Notes #3 & #15)	D/N	8105-S753*
<u>VOLKSWAGEN (See Comments)</u>			
2000, Eurovan	7728-D705** (Note #9)	D/	
	OR 7729-D852** (Notes #10 & #21)	D/	
<u>EMERGENCY & PARKING BRAKE</u>			
<u>CHRYSLER</u>	DD	SIZE	PCS SIZE LOCATION
1999-97, Town & Country (DIH)	180.4 (7.10)	28.0 x 3.3 x 223.5 (1.10 x .130 x 8.80)	4 2187 Internal (S761) (Notes #12 & #23)

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EMERGENCY & PARKING BRAKE (continued)DODGE

1999-97, Caravan (DIH)	180.4	28.0 x 3.3 x 223.5	4	2187	Internal
	(7.10)	(1.10 x .130 x 8.80)		(S761)	

PLYMOUTH

1999-97, Voyager (DIH)	180.4	28.0 x 3.3 x 223.5	4	2187	Internal
	(7.10)	(1.10 x .130 x 8.80)		(S761)	

COMMENTSExisting lining with new shoe:

<u>Lining</u>	<u>Assembly</u>	<u>Application</u>
7260	7260-D845	1999 Dodge Truck Ram 2500 Front
7676	7676-D849	2000 Jaguar S-Type Front

Existing shoe with new lining:

<u>Shoe</u>	<u>Assembly</u>	<u>Application</u>
D705	7728-D705	2000 Volkswagen Eurovan Front
D839	7725-D839	2000 Audi A8 Front

CORRECTIONS

FMSI 7260-D370 was listed as the front brake on the Chev Truck 2000 Express Van G2500. The correct listing is FMSI 7721-D845.

FMSI 7260-D370 was listed as the front brake on the GMC Truck 2000 Savana G2500. The correct listing is FMSI 7721-D845.

FMSI 7260-D370 was listed as the front brake on the Dodge Truck 1999 Ram 2500. The correct listing is FMSI 7260-D845.

DISC BRAKE LINING ASSIGNMENTS

Note #1	<u>FMSI 7720</u>	<u>7720-D844</u>		
7720	47.8 19.1	109.5	4	Integrally
	(1.88 .752	4.31)		Molded

(D844)

Pontiac

Note #2	<u>FMSI 7721</u>	<u>7721-D845</u>		
7721	48.0 17.0	122.0	2	Integrally
	39.4 15.6	143.5	2	Molded
	(1.89 .670	4.80)		
	(1.55 .614	5.65)		

(D845)

Chev Truck GMC Truck

Note #3	<u>FMSI 7722</u>	<u>7722-D846</u>		
7722	45.3 16.5	91.9	4	Integrally
	(1.78 .650	3.62)		Molded

(D846)

Toyota

Note #4	<u>FMSI 7723</u>	<u>7723-D847</u>		
7723	55.6 16.0	115.8	4	Integrally
	(2.16 .630	4.56)		Molded

(D847)

Mercedes

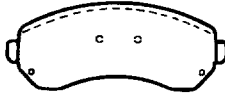
DISC BRAKE LINING ASSIGNMENTS (continued)

Note #5 7724 (D848) Mercedes	<u>FMSI 7724</u>	7724-D848		
	44.5 14.9	67.3	4	Integrally
	(1.75 .587	2.65)		Molded
Note #6 7725 (D839) Audi	<u>FMSI 7725</u>	7725-D839		
	61.7 17.5	59.4	8	Integrally
	(2.43 .689	2.34)		Molded
Note #7 7726 (D850) Cadillac	<u>FMSI 7726</u>	7726-D850		
	34.3 16.9	97.0	2	Integrally
	47.0 16.9	97.0	2	Molded
	(1.35 .665	3.82)		
	(1.85 .665	3.82)		
Note #8 7727 (D851) Audi	<u>FMSI 7727</u>	7727-D851		
	42.4 15.7	74.9	4	Integrally
	(1.67 .618	2.95)		Molded
Note #9 7728 (D705) Volkswagen	<u>FMSI 7728</u>	7728-D705		
	54.6 19.5	116.6	2	Integrally
	54.6 19.3	116.6	2	Molded
	(2.15 .768	4.59)		
	(2.15 .760	4.59)		
Note #10 7729 (D852) Volkswagen	<u>FMSI 7729</u>	7729-D852		
	47.2 18.2	121.4	4	Integrally
	(1.86 .717	4.78)		Molded
Note #11 7730 (D853) Mercedes	<u>FMSI 7730</u>	7730-D853		
	50.8 19.2	113.8	2	Integrally
	50.8 19.2	113.8	2	Molded
	(2.00 .756	4.48)		
	(2.00 .756	4.48)		

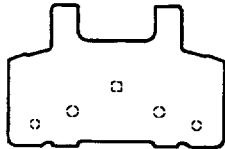
DRUM BRAKE LINING ASSIGNMENTS

Note #12		<u>FMSI 2187</u>		2187-S761		
2187	180.4	28.0	3.3	223.5	2	Bonded
	180.4	28.0	3.3	223.5	2	
	(7.10	1.10	.130	8.80)		
	(7.10	1.10	.130	8.80)		
(S761)						
See Parking Brake Section						
Chrysler	Dodge	Plymouth				

DISC BRAKE SHOE ASSIGNMENTS

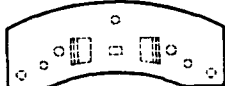
Note #13		<u>FMS D844</u>		
	146.8	Plate 6.1		
SHOE D844	(5.78)	(.240)		
7720				
Metal composite shims 0.9 (.035) thick				
Sensors staked-on two shoes (LH,RH)				
				
				Pontiac

Note #14	<u>FMS D845</u>		
	125.0	Plate 5.8	
SHOE D845-I	(4.92)	(.228)	
7260			
7721			
Metal composite shim 1.0 (.039) staked-on			
Piston clip staked-on 72.4 (2.85) free diameter			
	<u>FMS D845</u>		
	147.3	Plate 4.9	
SHOE D845-O	(5.80)	(.193)	
7260			
7721			
Anti-rattle clip staked-on			
Sensors (LH,RH) staked-on			
Metal composite shim 1.0 (.039) staked-on			



- Inner

Chev Truck, Dodge Truck,
GMC Truck

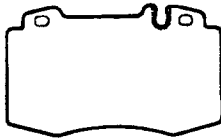


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Chev Truck, Dodge Truck,
GMC Truck

Note #15	<u>FMS D846</u>		
	116.5	Plate 5.7	
SHOE D846-I	(4.59)	(.224)	
7722			
Sensors staked-on (LH,RH)			
One piece as shown, one piece mirror image			
			
			- Inner
			Toyota
	<u>FMS D846</u>		
	116.5	Plate 5.7	
SHOE D846-O	(4.59)	(.224)	
7722			
			
			- Outer
			Toyota

Note #16 FMS D847
 117.8 Plate 4.6
 SHOE D847 (4.64) (.181)
 7723
 Lining drilled for electric sensor
 Shims: metal 0.4 (.016) (directional) and metal composite 0.7 (.028)
 Composite shim wraps around ends to give effective OA length of 119.4 (4.70)



Mercedes

Note #17 FMS D848
 69.1 Plate 4.5
 SHOE D848 (2.72) (.177)
 7724
 Lining drilled for electric sensors
 Shims: metal (coated) 0.4 (.016) thick and metal composite 0.7 (.028) thick
 Composite shim wraps around edges to give effective OA length of 71.1 (2.80)



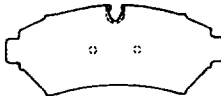
Mercedes

Note #18 FMS D849
 163.2 Plate 6.0
 SHOE D849 (6.43) (.236)
 7676
 Clip-on anti-rattle clips
 Metal composite shim 0.9 (.035) thick



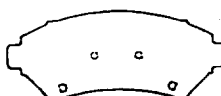
Jaguar

Note #19 FMS D850
 148.1 Plate 5.0
 SHOE D850-I (5.82) (.197)
 7726
 Metal composite shim staked-on 0.8 (.031) thick
 Cadillac



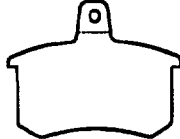
- Inner

FMS D850
 148.1 Plate 5.0
 SHOE D850-O (5.82) (.197)
 7726
 Sensors staked-on to make LH,RH
 Metal composite shim staked-on 0.8 (.031) thick
 Cadillac



- Outer

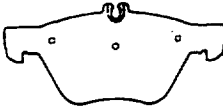
Note #20 FMS D851
 87.1 Plate 4.6
 SHOE D851 (3.43) (.181)
 7727
 Anti-rattle spring in hole with eyelet.
 Metal composite shim 0.7 (.028) thick.
 Shim wraps around edges to give functional width of 77.7 (3.06)



Audi

Note #21	<u>FMS D852</u>			
	128.3	Plate 5.6		
SHOE D852	(5.05)	(.220)		Volkswagen
7729				

Metal composite shim 0.8 (.032) thick wraps around end of shoe
 Overall length with shim 129.9 (5.11)
 Spring clip in top cut-out with eyelet & washer
 Electric sensor inserted in one assembly

Note #22	<u>FMS D853</u>			
	155.2	Plate 5.6		
SHOE D853-I	(6.11)	(.220)		- Inner Mercedes
7730				

Inner lining drilled for electric sensor.
 Metal composite shim 0.8 (.031) thick.
 Piston clip staked-on 46.2 (1.82) free dia.

	<u>FMS D853</u>			
	156.5	Plate 5.6		
SHOE D853-O	(6.16)	(.220)		- Outer Mercedes
7730				

Metal composite shim 0.8 (.031) thick.

DRUM BRAKE SHOE ASSIGNMENTS

Note #23	<u>FMS S761</u>			
	180.4 x 28.0	Web 4.4		
SHOE S761	(7.10 x 1.10)	(1.73)		Chrysler Dodge Plymouth
2187				

DIH Parking Brake
 Web is off-set from centerline at hold down hole 2LH, 2RH

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