

FRICTION MATERIALS STANDARDS INSTITUTE
588 MONROE TURNPIKE, MONROE, CT 06468
AUTOMOTIVE DATA BOOK BULLETIN #5-981 December 29, 1998

FRONT SYSTEM REAR
FMSI NO. F/R FMSI NO.

CHEV TRUCK/GMC TRUCK

Silverado 1500/Sierra1500 1999 /D 7662-D792**
(Notes #4 & #12)

DODGE TRUCK (See Comments)

1999, Ram 1500 7659-D789** D/BH 2134BTT-S652
(Notes #1 & #9)

1999, Ram 2500 OR 7260-D370** D/BH 2042BT-S655

1999, Ram 3500 OR 7339-D459** D/

1999, Ram 3500 OR 7339-D459** D/BH 2157AT-S656

HONDA

1999, Passport OR 7585-D579** D/N 1503-S735*

1999, Prelude OR /D 7586-D580**

1999, Odyssey 7382-D503** D/D 7418-D537**

1999, Odyssey 7663-D793** D/

(Notes #5 & #13)

INFINITI

1999, QX4 7566-D691** D/N 1433-S631*

JEEP

1999, Grand Cherokee 7660-D790** D/D 7661-D791**
(Notes #2 & #10) (Notes #3 & #11)

1999, Cherokee OR 7358-D712** D/BH 2176T-538

1998, Cherokee OR /BH 2174TT-S670*

1999, Wrangler OR /BH 2174TT-S670*

1999, Wrangler 7358-D712** D/BH 2176T-538

LEXUS

1999, RX300 7581-D707** D/D 7223-D325**

MAZDA

1999, Protege /N 1507-S739*
(Notes #8 & #16)

1999, Miata 7513-D635** D/D 7514-D636**

1999, Millenia 7520-D643** D/D 7521-D553**

1999, 626 7515-D637** D/N 1407-S667*

OR 7624-D755 D/D 7464-D584**

1999, B2500 OR 7532-D652** D/BH 2185T-S704

OR /BH 2184T-S705

1999, B3000 OR 7532-D652** D/BH 2185T-S704

OR /BH 2184T-S705

1999, B4000 OR 7532-D652** D/BH 2185T-S704

OR /BH 2184T-S705

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		FRONT SYSTEM		REAR SYSTEM	
		FMSI NO.	F/R	FMSI NO.	
<u>MERCURY (See Corrections)</u>					
1999, Cougar		7645-D762**	D/D	7541-D661**	
<u>OLDSMOBILE</u>					
1999, Alero		7620-D752**	D/D	7387-D698**	
1999, Cutlass		7620-D752**	D/N	1496-S720	
1999, Bravada		7593-D726**	D/D	7596-D729**	
<u>PLYMOUTH</u>					
1999, Breeze		7530A-D650	D/N	1481-S716*	
	OR		/D	7438B-D641	
1999, Neon		7597-D730**	D/N	1473-S689*	
	OR		/D	7438-D759**	
1999, Voyager		7470A-D642	D/N	1485ATT-S714	
	OR		/D	7424-D751**	
<u>PONTIAC</u>					
1999, Grand Am		7620-D752**	D/D	7387-D698**	
<u>TOYOTA</u>					
1999, Avalon		7581-D707**	D/D	7553-D672**	
1999, Camry		7441-D562**	D/N	1447-587*	
	OR	7581-D707**	D/D	7223-D325**	
1999, Camry Solara		7581-D707**	D/D	7223-D325**	
1999, Corolla		7611-D741**	D/N	8105-597*	
1999, Sienna		7615-D744**	D/N	1500-S729*	
1999, 4-Runner		7298-D611**	D/N	1397-589*	
1999, Land Cruiser		7639-D772**	D/D	7640-D773**	
1999, RAV 4		7441-D695**	D/N	1447-587*	
<u>VOLKSWAGEN</u>					
1999, Beetle		7635-D768**	D/D	7335-D340**	
<u>VOLVO</u>					
1999, S80		7664-D794**	D/D	7665-D795**	
		(Notes #6 & #14)		(Notes #7 & #15)	
1998, V70		7651-D783**	D/D	736-D31**	
1998, V70 XC		7651-D783**	D/D	736-D31**	
1999, C70		7494-D618**	D/D	736-D31**	
	OR	7651-D783**	D/		
1999, S70		7494-D618**	D/D	736-D31**	
	OR	7651-D783**	D/		
1999, V70		7494-D618**	D/D	736-D31**	
	OR	7651-D783**	D/		
1999, V70 XC		7494-D618**	D/D	736-D31**	
	OR	7651-D783**	D/		

COMMENTS

The piston clips used on FMSI 7260-D370 and 7339-D459 for 1999 Dodge Truck Ram 2500 & 3500, are different than the piston clips used on prior years of Dodge Truck and GM Truck applications.

COMMENTS (cont'd)

The piston clip used on FMSI 7659-D789 is different than the piston clip used on FMSI 7259-D369.

CORRECTIONS

In Bulletin #4-981 we noted that FMSI 7645-D778 assignment was canceled. After several comments from members and further review the shoe FMSI D778 remains canceled, however, lining assignment 7645 has been re-issued on shoe FMSI D762 FMSI 7630 and 7645 are dimensionally the same. The difference lies in the drilling for electric sensor. FMSI 7645 Ford p/n F8RZ-2001-DA has a drilled hole in the lining inside radius for an electric sensor. FMSI 7630 Ford p/n F8RZ-2001-BA is undrilled.

DISC BRAKE LINING ASSIGNMENTS

Note #1	<u>FMSI 7659</u>	7659-D789		
7659	45.5 16.6	122.0	2	Integrally
	40.0 15.7	135.1	2	Molded
	(1.79 .654	4.80)		
	(1.57 .618	5.32)		
(D789)				
Dodge Truck				
 Note #2	<u>FMSI 7660</u>	7660-D790		
7660	52.5 17.8	140.2	4	Integrally
	(2.07 .700	5.52)		Molded
(D790)				
Jeep				
 Note #3	<u>FMSI 7661</u>	7661-D791		
7661	40.4 16.8	92.7	4	Integrally
	(1.59 .661	3.65)		Molded
(D791)				
Jeep				
 Note #4	<u>FMSI 7662</u>	7662-D792		
7662	39.1 17.1	105.2	4	Integrally
	(1.54 .673	4.14)		Molded
(D792)				
Chev Truck GMC Truck				
 Note #5	<u>FMSI 7663</u>	7663-D793		
7663	53.3 17.0	127.0	4	Integrally
	(2.10 .669	5.00)		Molded
(D793)				
Honda				

DISC BRAKE LINING ASSIGNMENTS (cont'd)

Note #6	<u>FMSI 7664</u>	7664-D794		
7664	57.8 17.6	111.8	2	Integrally
	57.8 17.8	111.8	2	Molded
	(2.28 .693	4.40)		
	(2.28 .701	4.40)		

(D794)

Volvo

Note #7	<u>FMSI 7665</u>	7665-D795		
7665	40.9 16.1	79.6	2	Integrally
	40.9 16.3	79.6	2	Molded
	(1.61 .634	3.13)		
	(1.61 .642	3.13)		

(D795)

Volvo

DRUM BRAKE LINING ASSIGNMENTS

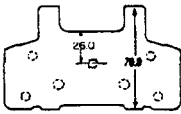
Note#8		<u>FMSI 1507</u>	1507-S739	
1507	200.0	33.5 3.7	191.5	4 Bonded
	(7.87	1.32 .146	7.54)	

(S739)

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DISC BRAKE SHOE ASSIGNMENTS

Note #9	<u>FMS D789</u>		
	125.0	Plate 4.9	
SHOE D789-I (4.92)	(.193)		
7659			
Piston clip free diameter 66.0 (2.60)			
Metal composite shims 0.9 (.035) thick			
Similar to FMSI D369-I except center lug location			
	<u>FMS D789</u>		
	125.0	Plate 4.9	
SHOE D789-O (4.92)	(.193)		
7659			
Same as FMSI D369-O			
Metal composite shims 0.9 (.035) thick			
Clips staked-on, sensors LH,RH and anti-rattle			



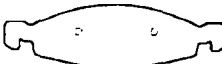
- Inner

Dodge Truck



- Outer

Dodge Truck

Note #10 FMS D790
 192.5 Plate 6.1
 SHOE D790-I (7.58) (.240) Jeep  - Inner
 7660
 Metal composite shim 0.7 (.028) thick
 Two piston clips staked on 28.0 (1.10) free diameter

FMS D790
 194.6 Plate 6.1
 SHOE D790-O (7.66) (.240) Jeep  - Outer
 7660
 Metal composite shim 0.7 (.028) thick
 Sensors staked-on to make LH,RH

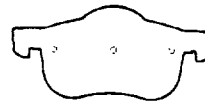
Note #11 FMS D791
 139.7 Plate 6.2
 SHOE D791-I (5.50) (.244) Jeep  - Inner
 7661
 Metal composite shim 0.7 (.028) thick
 Piston clip 26.4 (1.04) free diameter staked-on

FMS D791
 141.5 Plate 6.1
 SHOE D791-O (5.57) (.240) Jeep  - Outer
 7661
 Metal composite shim 0.7 (.028) thick

Note #12 FMS D792
 142.5 Plate 6.2
 SHOE D792 (5.61) (.244)  Chev Truck/GMC Truck
 7662
 Sensors staked-on 2LH,2RH

Note #13 FMS D793
 139.2 Plate 5.6
 SHOE D793 (5.48) (.220) Honda 
 7663

Note #14		<u>FMS D794</u>		
	155.2	Plate 5.5		
SHOE D794-I	(6.11)	(.217)		
7664				
Metal composite shim 0.9 (.035) thick				
Piston clip staked-on 54.9 (2.16) free diameter				
		<u>FMS D794</u>		
	156.5	Plate 5.5		
SHOE D794-O	(6.16)	(.217)		
7664				
Metal composite shim 0.9 (.035) thick				



- Inner

Volvo



- Outer

Volvo

Note #15		<u>FMS D795</u>		
	122.7	Plate 5.1		
SHOE D795-I	(4.83)	(.201)		
7665				
Metal composite shim 0.7 (.028) thick				
Piston clip staked-on 28.0 (1.10) free diameter				
		<u>FMS D795</u>		
	123.8	Plate 5.1		
SHOE D795-O	(4.87)	(.201)		
7665				
Metal composite shim 0.9 (.035) thick				



- Inner

Volvo



- Outer

Volvo

DRUM BRAKE SHOE ASSIGNMENTS

Note #16		<u>FMS S739</u>		
	200 x 35	Web 3.0		
SHOE S739	(7.87 x 1.32)	(.118)		
1507				



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