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SERVICE BULLETIN

PUBLICATION GROUP, AFTER SALES SERVICE DEP.
MITSUBISHI MOTOR SALES EUROPE BV

SERVICE BULLETIN

No.: ESB-97E35-006

Date: 1998-03-15

<Model>
(EC,EXP)CARISMA

<M/Y>
96-10

Subject: CHANGE IN LIMIT VALUE FOR FRONT BRAKE
DISC RUN-OUT

Group: SERVICE BRAKE

INFORMATION

O. Kai - E.V.P. & G.M.
After Sales Service Dept.

1. Description:

The Service Bulletin informs you of change in the limit value for the front brake disc run-out.

2. Applicable Manuals:

Manual	Pub. No.	Language	Page(s)
'96 CARISMA Workshop Manual	PWDE9502	(English)	35A-4, 35A-12
	PWDS9503	(Spanish)	
	PWDF9504	(French)	
	PWDG9505	(German)	
	PWDD9506	(Dutch)	
	PWDW9507	(Swedish)	
	PWDI96E1	(Italian)	

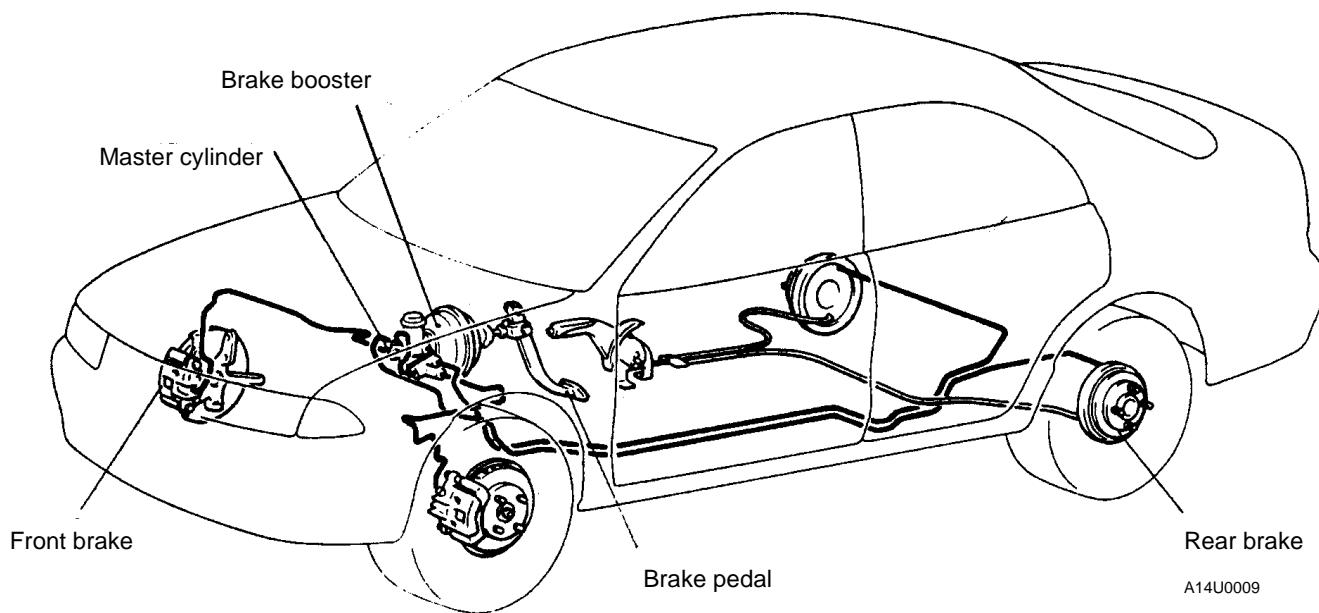
3. Effective Date:

Applicable vehicle	Limit value		Effective date
	New	Old	
CARISMA	0.06 mm or less	0.07 mm or less	From July 1997

4. Details:

'96 CARISMA Workshop Manual, page 2,3

Construction diagram

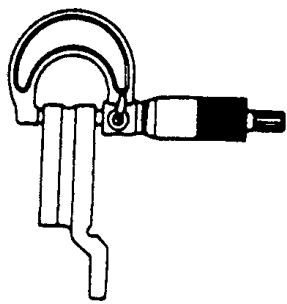


SERVICE SPECIFICATIONS

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Items		Standard value	Limit
Brake pedal height mm	L.H. drive vehicles	163.5-166.5	-
	R.H. drive vehicles	162.5-165.5	-
Brake pedal free play mm		3-8	-
Brake pedal to floor board clearance mm		80	-
Proportioning valve	Split point MPa	1600 1800	3.43 ± 0.25 3.92 ± 0.25
	Output fluid pressure (Input fluid pressure) MPa	1600 1800	5.03 ± 0.4 (9.81) 5.93 ± 0.4 (9.81)
	Output pressure difference between left and right MPa	-	0.8
	Brake booster push rod to master cylinder piston clearance mm	0.6-0.8	-
	Pad thickness mm	10.0	2.0
Front disc brake	Disc thickness mm	1600 1800	18.0 24.0
	Disc runout mm	-	0.07 <Old>
	Drag force (tangential force of wheel mounting bolts) N	40 or less	-
			<New>

0.07 or less <Up to June 1997>
0.06 or less <From July 1997>



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BRAKE DISC THICKNESS CHECK

35100160047

1. Using a micrometer, measure disc thickness at eight positions, approximately 45° apart and mm in from the outer edge of the disc.

Brake disc thickness

Standard value:

<1600> 18.0 mm
<1800> 24.0 mm

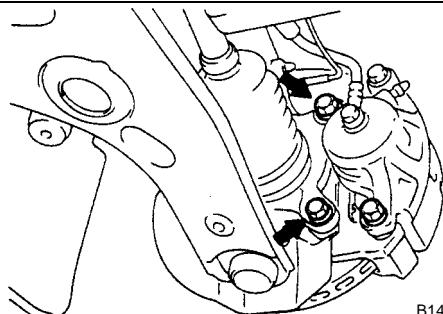
Limit:

<1600> 16.4 mm
<1800> 22.4 mm

Thickness variation (at least 8 positions)

The difference between any thickness measurements should not be more than 0.015 mm.

2. If the disc is beyond the limits for thickness, remove it and install a new one. If thickness variation exceeds the specification, replace the brake disc or turn rotor with on the car type brake lathe ("MAD, DL-8700PF" or equivalent).



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BRAKE DISC RUN-OUT CHECK

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1. Remove the calliper support; then raise the calliper assembly upward and secure by using wire.
2. Inspect the disc surface for grooves, cracks and rust. Clean the disc thoroughly and remove all rust.

3. Place a dial gauge approximately 5 mm from the outer circumference of the brake disc, and measure the run-out of the disc.

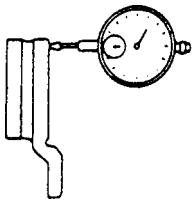
Limit: 0.07 mm or less <Old>

NOTE

Tighten the nuts in order the secure the disc to the hub.

<New>

**0.07 mm or less <Up to June 1997>
0.06 mm or less <From July 1997>**



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