



SERVICE BULLETIN

QUALITY INFORMATION ANALYSIS
OVERSEAS SERVICE DEPT. MITSUBISHI MOTORS CORPORATION

SERVICE BULLETIN		No.: MSB-97E55-001	
		Date: 1998-04-15	
Subject: CHANGE IN AIR GAP FOR A/C COMPRESSOR		<Model>	<M/Y>
		(EC,EXP) 3000GT	96-10
		(Z10	96-10
		(EX,EXP) L400	96-10
Group: HEATER, A/C & VENTILATION		(PA0V)	96-10
Draftno: 97-AL-021		(EC,EXP) COLT	
		(CJ0A)	
INFORMATION	OVERSEAS SERVICE DEPT	<i>R. Usami</i>	(EX,EXP) LANCER
		R. USAMI - MANAGER	(CK0A)
		QUALITY INFORMATION ANALYSIS	

1. Description:

This Service Bulletin informs you of change in air gap of the clutch for the A/C compressor.

2. Applicable Manuals:

Manual	Pub. No.	Language	Page(s)
COLT/LANCER Workshop Manual	PWME9117-D	(English)	55-2-1, 45-1
	PWMS9118-D	(Spanish)	
	PWMF9119-D	(French)	
	PWVG9120-D	(German)	
	PWMD9121-D	(Dutch)	
	PWMW9122-D	(Swedish)	
3000GT Workshop Manual	PWUE9119-D	(English)	55-2, 50
'95 L400 Workshop Manual	PWWE9410	(English)	55-5, 68
	PWWS9411	(Spanish)	
	PWWF9412	(French)	
	PWWG9413	(German)	
	PWWD9414	(Dutch)	
	PWWW9415	(Swedish)	
'96 COLT/LANCER Workshop Manual	PWME9511	(English)	55-4, 31
	PWMS9512	(Spanish)	
	PWMF9513	(French)	
	PWVG9514	(German)	
	PWMD9515	(Dutch)	
	PWMW9516	(Swedish)	
'97 GALANT Workshop Manual	PWDE9611	(English)	55-4, 66
	PWDS9612	(Spanish)	
	PWDF9613	(French)	
	PWDG9614	(German)	
	PWDD9615	(Dutch)	
	PWDW9616	(Swedish)	

3. Effective Date:

Applicable vehicle	Effective Date
LANCER WAGON	From May 28, 1997
3000 GT	From February 5, 1997
L400	From June 4, 1997
COLT/LANCER	From April 18, 1997
GALANT	From March 5, 1997

4. Details

COLT/LANCER Workshop Manual, page 3, 4

3000GT Workshop Manual, page 5, 6

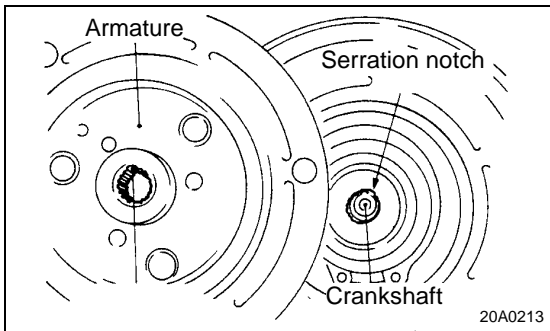
'95 L400 Workshop Manual, page 7, 8

'96 COLT/LANCER Workshop Manual, page 9, 10

'97 GALANT Workshop Manual, page 11, 12

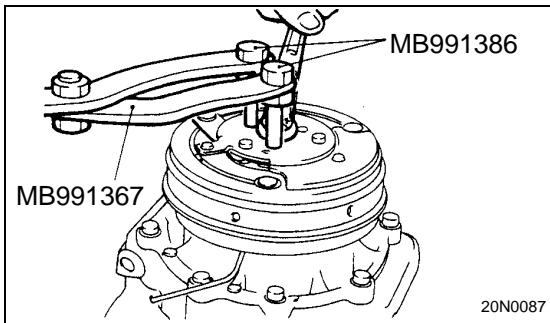
SERVICE SPECIFICATIONS

Items	Specifications
Standard value	
Idle speed r/min.	
4G13, 4G15	750 ± 100
4G92, 4G93	800 ± 100
4D68	750 ± 100
Idle up speed r/min	850 ± 50
Resistor (for blower motor) Ω	<L.H. drive vehicles> <R.H. drive vehicles>
	MH: 0.35 MH: 0.33
	ML: 0.97 ML: 1.28
	LO: 2.21 LO: 2.81
	<New>
	0.3 - 0.5 (0.01 - 0.02)
Air gap (Magnetic clutch) mm (in.)	0.4 - 0.65 (0.02 - 0.03)
Refrigerant temperature switch	
ON (continuity) temperature	Approx. 155°C (311°F) or less
OFF (no continuity) temperature	Approx. 155°C (311°F) or more [until the temperature drops to approx. 90°C (194°F) when OFF]
Resistor (for condenser fan motor) Ω	0.29
Engine coolant temperature switch	
Petrol powered vehicles	Continuity: Approx. 115°C (239°F) or less
	No continuity: Approx. 115°C (239°F) or more
	{until the temperature drops to 108°C (226°F) when engine coolant temperature switch is OFF]
Diesel powered vehicles	Continuity: Approx. 113°C (235°F) or less
	No continuity: Approx. 113°C (235°F) or more
	{until the temperature drops to 108°C (226°F) when engine coolant temperature switch is OFF]



4. INSTALLATION OF ARMATURE PLATE

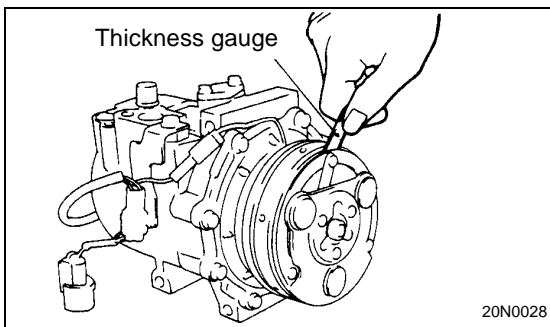
Align the mating mark of the crankshaft spline and the mating mark of the armature plate, and then fit them together.



3. INSTALLATION OF NUT

<New>

0.3 - 0.5 mm (0.01 - 0.02 in.)



• AIR GAP ADJUSTMENT

Check whether or not the air gap of the clutch is within the standard value.

Standard value:

0.4 - 0.65 mm (0.02 - 0.03 in.)

NOTE

<Old>

If there is a deviation of the air gap from the standard value, make the necessary adjustment by adjusting the number of shims.