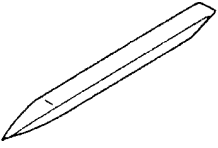


SERVICE BULLETIN

QUALITY INFORMATION ANALYSIS
OVERSEAS SERVICE DEPT. MITSUBISHI MOTORS CORPORATION

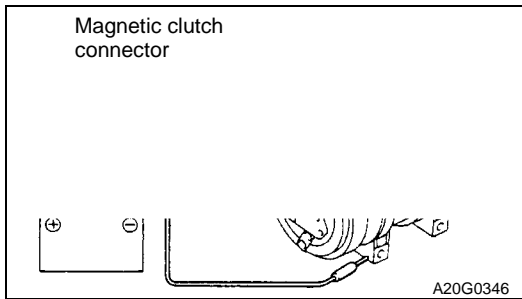
SERVICE BULLETIN		No.: MSB-99E55-503		
		Date: 1999-12-15	<Model> (EC,EXP) L200 (K00)	<M/Y> 97-10
Subject: OMISSION OF DISASSEMBLY / REASSEMBLY OF A/C COMPRESSOR ASSEMBLY				
Group: HEATER, A/C & VENTILATION		Draft No.: 99SY060115		
CORRECTION	INTERNATIONAL CAR ADMINISTRATION OFFICE	T.NITTA - PROJECT LEADER AFTER SALES SERVICE & CS PROMOTION		
1. Description: Omission has been rectified of a description of the disassembly / reassembly of the A/C compressor assembly under Compressor and Tension Pulley.				
2. Applicable Manuals:				
Manual		Pub. No.	Language	Page(s)
'97 L200 Workshop Manual Chassis		PWTE96E1	(English)	55-5, 32
		PWTS96E1	(Spanish)	
		PWTF96E1	(French)	
		PWTG96E1	(German)	
3. Details: '97 L200 Workshop Manual Chassis, page 2,3,4,5				

SPECIAL TOOL

Tool	Number	Name	Use
	MB990784	Ornament remover	Meter bezel assembly removal

TROUBLESHOOTING

Trouble symptom	Problem cause	Remedy	Reference page
	A/C compressor relay is defective	Replace A/C compressor relay	55-16
	Magnetic clutch is defective	Replace the A/C compressor	55-6, 30
	Refrigerant leak or overfilling of refrigerant	Replenish the refrigerant, repair the leak or take out some of the refrigerant	55-6, 14
	Dual pressure switch is defective	Replace the dual pressure switch	55-7, 35
	A/C switch is defective	Replace the A/C switch	55-21, 23
	Blower switch is defective	Replace the blower switch	55-21, 23
	Thermostat is defective	Replace the Thermostat	55-29
	Engine coolant temperature switch (for A/C		

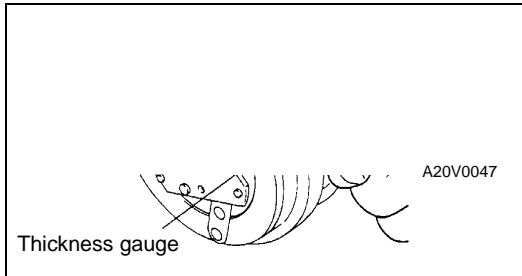


INSPECTION

COMPRESSOR MAGNETIC CLUTCH OPERATION CHECK

55200850105

Connect the battery (+) terminal to the compressor side terminal, and earth the battery (-) terminal to the body of the compressor. The condition is normal if the sound of the magnetic clutch (click) can be heard.



COMPRESSOR MAGNETIC CLUTCH AIR GAP CHECK

55201110011

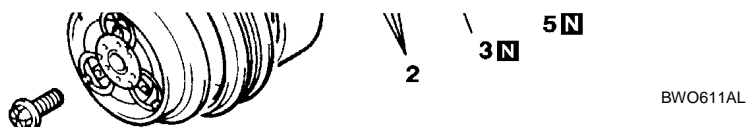
Check whether or not the air gap of the clutch is within the standard value.

Standard value: 0.3 – 0.6 mm

See the Following two pages.

MAGNETIC CLUTCH

DISASSEMBLY AND REASSEMBLY



Magnetic clutch disassembly steps

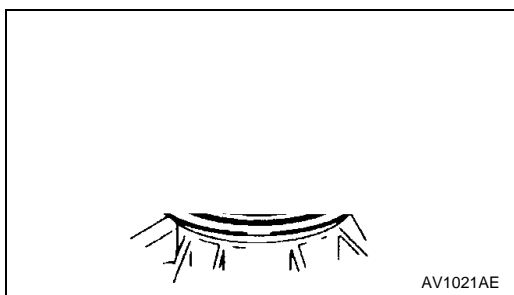
◀ A ▶

▶ B ▶

- Air gap adjustment
- 1. Armature plate
- 2. Shims

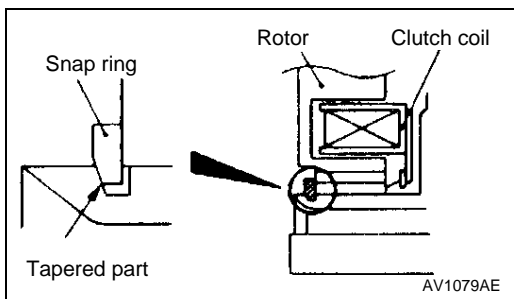
▶ A ▶

- 3. Snap ring
- 4. Rotor
- 5. Snap ring
- 6. Clutch coil



DISASSEMBLY SERVICE POINTS

◀ A ▶ ARMATURE PLATE REMOVAL



REASSEMBLY SERVICE POINTS

▶ A ▶ SNAP RING INSTALLATION

Install the snap ring so that the tapered surface is at the outer side.

<Added>

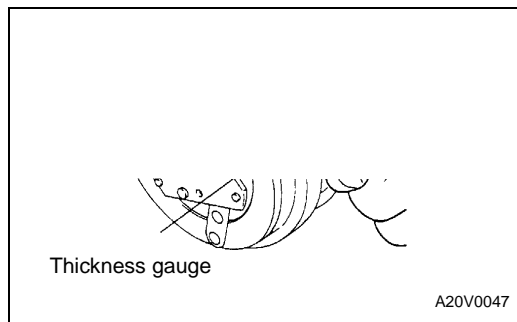
►B◄ AIR GAP ADJUSTMENT

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

Standard value: 0.3 – 0.6 mm

Note

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



<Added>