



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	<M/Y> 97-10 (K00)
Subject: OMISSION OF DISASSEMBLY / REASSEMBLY OF A/C COMPRESSOR ASSEMBLY			
Group: HEATER, A/C & VENTILATION	Draft No.: 99SY060115		

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:

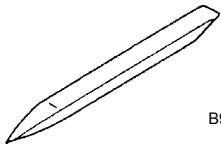
Manual	Pub. No.	Language	Page(s)
'97 L200	PWTE96E1	(English)	55-5, 32
Workshop Manual Chassis	PWTS96E1	(Spanish)	
	PWTF96E1	(French)	
	PWTG96E1	(German)	

3. Details:

'97 L200 Workshop Manual Chassis, page 2,3,4,5

SPECIAL TOOL

55100060017

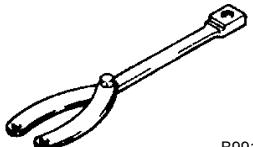
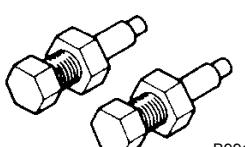
Tool	Number	Name	Use
 B990784	MB990784	Ornament remover	Meter bezel assembly removal

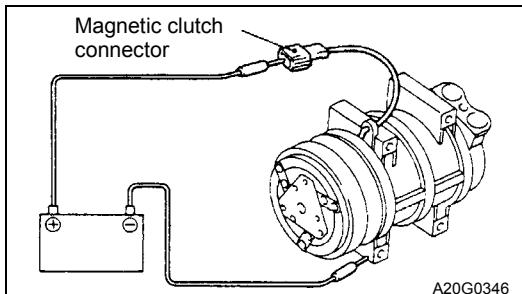
TROUBLESHOOTING

55200070150

Trouble symptom	Problem cause	Remedy	Reference page
When the ignition switch is "ON" the A/C does not operate.	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 cut-off) is defective <Diesel-powered vehicles>	Replace the engine coolant temperature switch	55-37, 38
When the A/C is operating, temperature inside the passenger compartment doesn't decrease (cool air is not emitted)	Engine-ECU is defective <Petrol-powered vehicles>	Replace the engine-ECU	–
	Refrigerant leak	Replenish the refrigerant and repair the leak	55-14
	Dual pressure switch is defective	Replace the dual pressure switch	55-7, 35
	Thermostat is defective	Replace the Thermostat	55-29

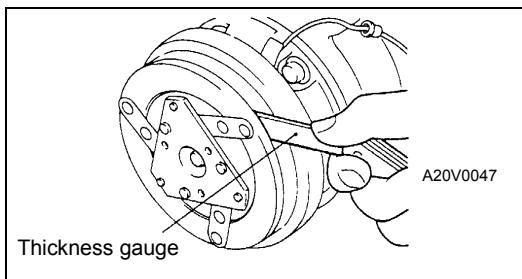
<Added>

 B991367	MB991367	Special spanner	Removal and installation of armature mounting nut of compressor.
 B991386	MB991386	Pin	

**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

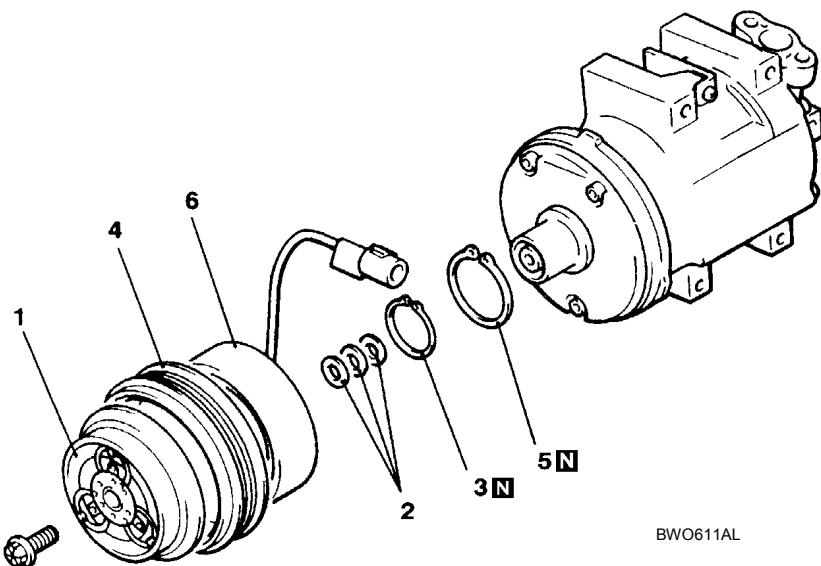
Check whether or not the air gap of the clutch is within the standard value.

Standard value: 0.3 – 0.6 mm

See the Following two pages.

MAGNETIC CLUTCH

DISASSEMBLY AND REASSEMBLY



◀A▶ Magnetic clutch disassembly steps

▶B◀ • Air gap adjustement

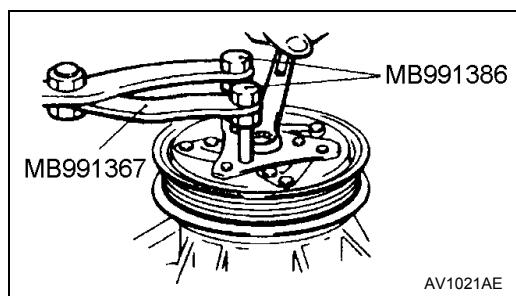
1. Armature plate
2. Shims

▶A◀ 3. Snap ring

4. Rotor

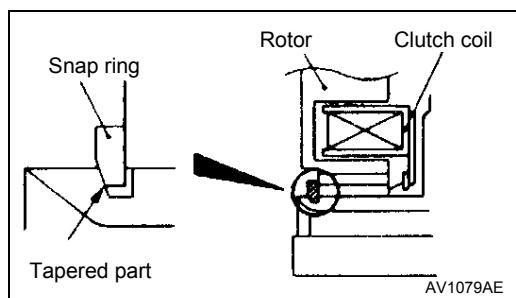
5. Snap ring

6. Clutch coil



DISASSEMBLY SERVICE POINTS

◀A▶ ARMATURE PLATE REMOVAL

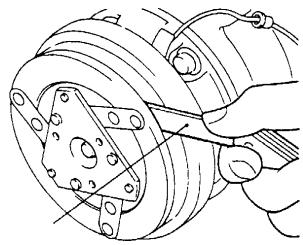


REASSEMBLY SERVICE POINTS

▶A◀ SNAP RING INSTALLATION

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

<Added>



Thickness gauge

A20V0047

►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>