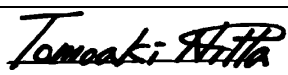




# SERVICE BULLETIN

QUALITY INFORMATION ANALYSIS  
OVERSEAS SERVICE DEPT. MITSUBISHI MOTORS CORPORATION

<b>SERVICE BULLETIN</b>		No.: MSB-99E42-003	
		Date: 1999-12-31	<b>&lt;Model&gt;</b> (EC,EXP) GALANT 96-10 (EA0A) 96-10 (EC,EXP) SPACE 97-10 RUNNER (N10,20,30,40) (EC,EXP) SPACE WAGON (N80)
<b>Subject:</b> CHANGE IN DOOR ADJUSTMENT PROCEDURES			
<b>Group:</b> BODY	<b>Draft No.:</b> 99AL040911		
<b>INFORMATION</b>	INTERNATIONAL CAR ADMINISTRATION OFFICE	 T.NITTA - PROJECT LEADER AFTER SALES SERVICE & CS PROMOTION	
<b>1. Description:</b> The front and rear door adjustment procedures for GALANT and the rear door adjustment procedures for SPACE RUNNER/SPACE WAGON have been changed.			
<b>2. Applicable Manuals:</b>			
<b>Manual</b>	<b>Pub. No.</b>	<b>Language</b>	<b>Page(s)</b>
'97 GALANT Workshop Manual chassis	PWDE9611	(English)	42-19, 42-28
	PWDS9612	(Spanish)	
	PWDF9613	(French)	
	PWDG9614	(German)	
	PWDD9615	(Dutch)	
	PWDW9616	(Swedish)	
'97 GALANT Body Repair Manual	PBDE9609	(English)	8-2
	PBDS9610	(Spanish)	
	PBDF9611	(French)	
	PBDG9612	(German)	
	PBDD9613	(Dutch)	
	PBDW9614	(Swedish)	
'99 SPACE RUNNER / SPACE WAGON Workshop Manual chassis	PWDE9803	(English)	42-24, 42-31
	PWDS9804	(Spanish)	
	PWDF9805	(French)	
	PWDG9806	(German)	
	PWDD9807	(Dutch)	
	PWDW9808	(Swedish)	
'99 SPACE RUNNER / SPACE WAGON Body Repair Manual	PBDE9802	(English)	8-2
	PBDS9803	(Spanish)	
	PBDF9804	(French)	
	PBDG9805	(German)	
	PBDD9806	(Dutch)	
	PBDW9807	(Swedish)	

### **3. Effective Date:**

GALANT:     Front door ..... From the end of June 1996  
              Rear door ..... From the end of November 1996

SPACE RUNNER / SPACE WAGON:   From the end of May 1998

### **4. Details:**

'97 GALANT Workshop Manual chassis, page 3, 4, 5

'97 GALANT Body Repair Manual, page 6, 7

'99 SPACE RUNNER / SPACE WAGON Workshop Manual chassis, page 8, 9, 10, 11

'99 SPACE RUNNER / SPACE WAGON Body Repair Manual, page 12, 13

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## DOOR SERVICE SPECIFICATIONS

Items		standard value
door outside handle play mm	Front	3.7 or more
	Rear	2.4 or more
Power window operating current A		5 ± 1 (for 14-15 V power supply at 25°C)
Door inside handle play mm		5.3 or more

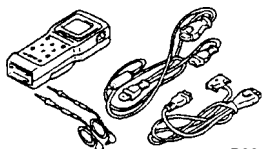
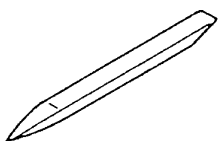
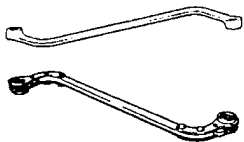
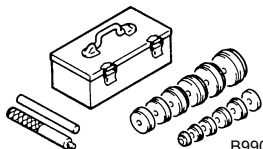
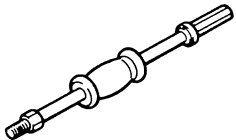
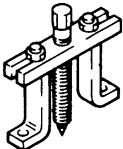
## SEALANT

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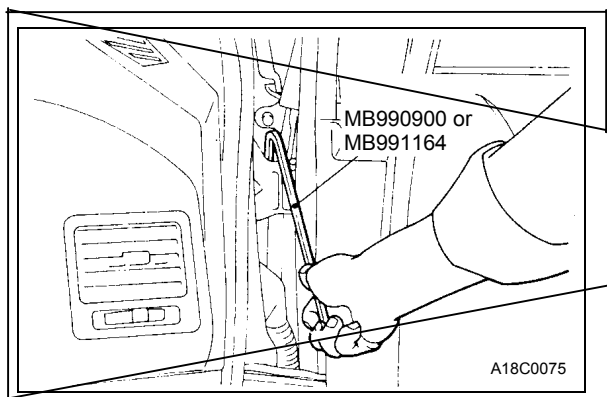
Item	Specified sealant	Remark
Waterproof film	3M ATD Part No. 8625 or equivalent	Ribbon sealer

## SPECIAL TOOLS

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Tool	Number	Name	Use
 B991113	MB991502	MUT-II sub assembly	ETACS-ECU input signal checking
 B991006	MB990784	Ornament remover	Removal of door trim
 B990326	MB990900 or MB991164	Door adjusting wrench	Adjustment of door fit
 B990993	MB990925 A: MB990939	Bearing & oil seal installer set A: Brass bar	Adjustment of door striker
 B990994	MB990211	Slide hammer	
 B990662	MB990241	Axle shaft puller	

&lt;Added&gt;

**ON-VEHICLE SERVICE****DOOR FIT ADJUSTMENT**

&lt;Old&gt;

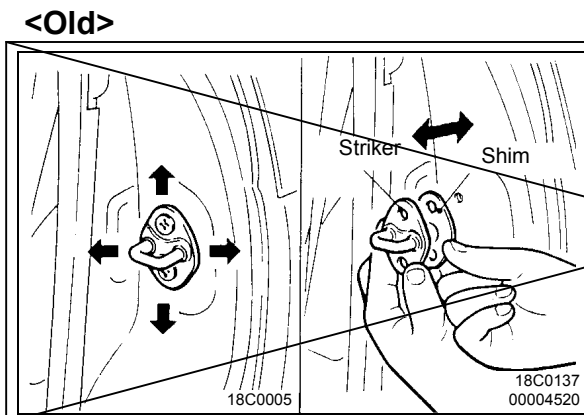
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the following page

1. If the clearance between the door and the vehicle body is uneven, affix protective tape to the fender around the hinge and to the edge of the door. Then use the special tool to loosen the door hinge mounting bolts on the body, and adjust the clearance around the door so that it becomes even.
2. If the door and the body are not flush with each other, use the special tool to loosen the door hinge mounting bolts. Then align the door.

**Caution**

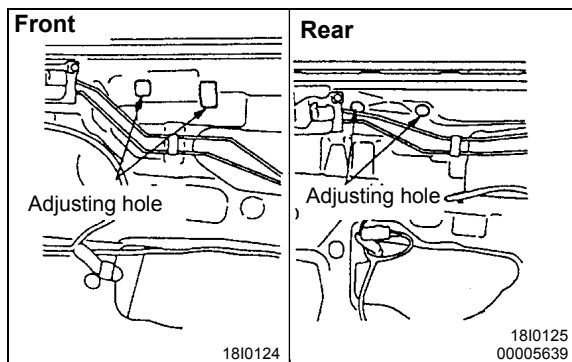
Do not load more than 98 Nm on the special tool  
(MB991164)

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the following page



&lt;Old&gt;

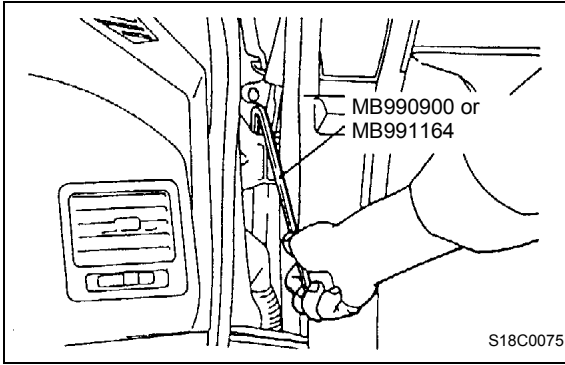
3. If the door opening and closing is heavy, adjust the meshing of the striker and the door latch (in the longitudinal direction) by adding shims to the striker and by moving the striker up and down or to the left and the right.

**DOOR WINDOW GLASS ADJUSTMENT**

Check that the door glass moves securely along the door glass runchannel when the window glass is fully raised and fully lowered. If the glass does not move correctly, adjust by the following procedure.

1. Remove the door trim and the waterproof film.  
(Refer to P.42-33.)
2. Loosen the mounting screw through the adjusting hole with the door window glass slightly.
3. Close the door window glass fully again, and tighten the door glass mounting screw securely through the adjusting hole.

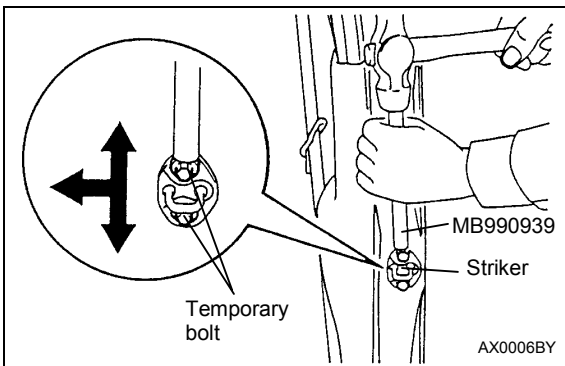
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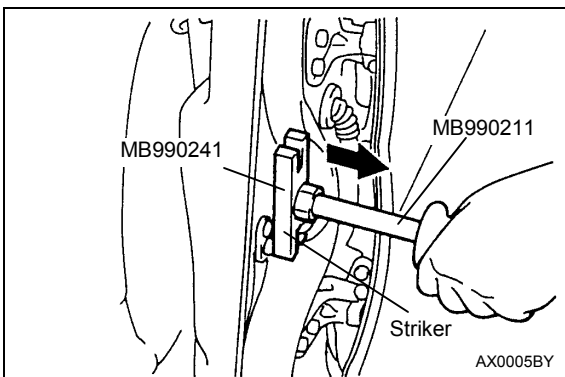
1. If there is an uneven clearance between the door and the body, attach protective tape to the door edge, fender, or center pillars around the hinge mounting area. Use the special tool to loosen the body side door hinge mounting bolts, and move the door so that clearance around the door will be uniform.

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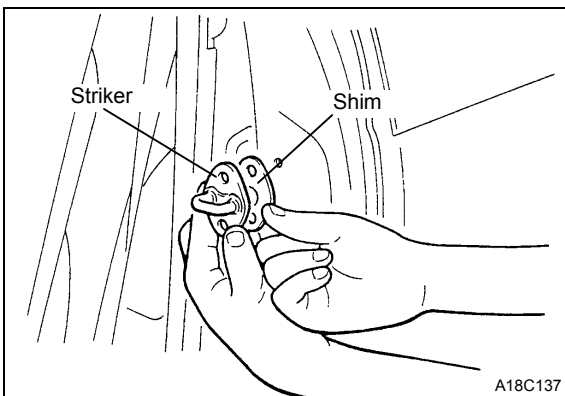
[B]



3. If the opening and closing of the door is stiff
  - 1) Striker adjustment (body inside and up and down)  
Replace the striker mounting bolts with the temporary bolts. With the temporary bolts loosened a small amount, use the special tool (MB990939) and the hammer to tap the heads of these bolts in the direction of adjustment.



- 2) Striker adjustment (body outside)  
With the striker mounting bolts loosened a small amount, use the special tools (MB990211 and MB990241) to pull the striker toward the outside of the body for adjustment.



- 3) Shim adjustment (fore and aft)  
Using the striker mounting shim, adjust engagement between the striker and the door latch.

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