



# Technical Service Bulletin

SUBJECT:		No: <b>TSB-13-35-001</b>	
<b>REAR BRAKE PAD REPLACEMENT – SERVICE MANUAL REVISION</b>		DATE: <b>January, 2013</b>	
		MODEL: <b>2013 Outlander Sport</b>	
CIRCULATE TO:	<input type="checkbox"/> GENERAL MANAGER	<input checked="" type="checkbox"/> PARTS MANAGER	<input checked="" type="checkbox"/> TECHNICIAN
<input checked="" type="checkbox"/> SERVICE ADVISOR	<input checked="" type="checkbox"/> SERVICE MANAGER	<input checked="" type="checkbox"/> WARRANTY PROCESSOR	<input type="checkbox"/> SALES MANAGER

## PURPOSE

This TSB updates the service manual procedure for rear brake pad replacement.

## AFFECTED VEHICLES

2013 Outlander Sport

## AFFECTED SERVICE MANUALS

2013 Outlander Sport – Group 35 > On Vehicle Service > Brake Pad Replacement

Continued

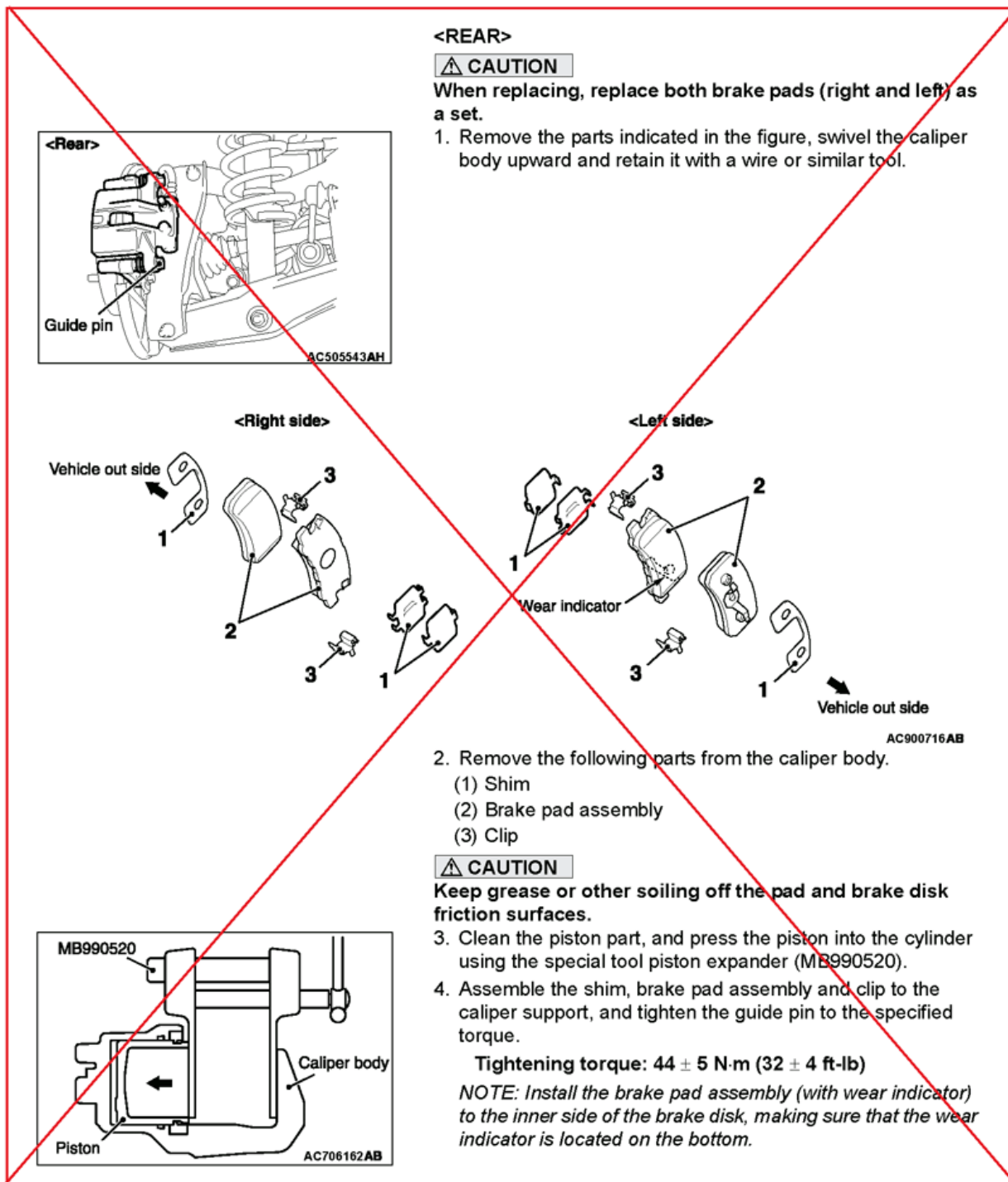
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Replace the following <Old> information with the new information on page 3.

<Old>



**<REAR>**

**CAUTION**  
When replacing, replace both brake pads (right and left) as a set.

1. Remove the parts indicated in the figure, swivel the caliper body upward and retain it with a wire or similar tool.

**<Rear>**  
Guide pin  
AC505543AH

**<Right side>**  
Vehicle out side  
1  
2  
3

**<Left side>**  
Wear indicator  
1  
2  
3  
Vehicle out side  
AC900716AB

2. Remove the following parts from the caliper body.  
(1) Shim  
(2) Brake pad assembly  
(3) Clip

**CAUTION**  
Keep grease or other soiling off the pad and brake disk friction surfaces.

3. Clean the piston part, and press the piston into the cylinder using the special tool piston expander (MB990520).

4. Assemble the shim, brake pad assembly and clip to the caliper support, and tighten the guide pin to the specified torque.

**Tightening torque: 44 ± 5 N·m (32 ± 4 ft·lb)**

**NOTE:** Install the brake pad assembly (with wear indicator) to the inner side of the brake disk, making sure that the wear indicator is located on the bottom.

MB990520  
Piston  
Caliper body  
AC706162AB

Replace with page 3

<New>

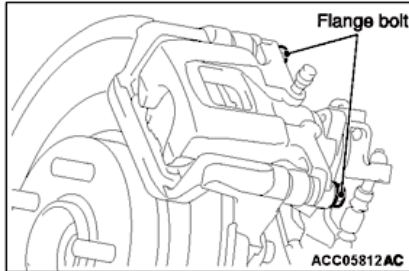
The following <New> information replaces the <Old> information shown on page 2.

<New>

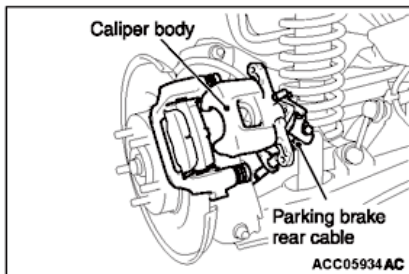
<REAR>

**CAUTION**

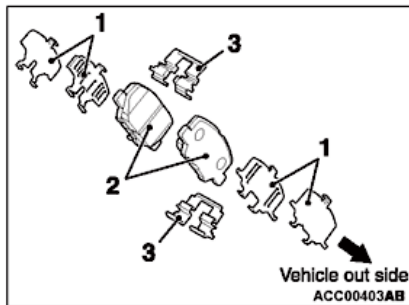
When replacing, replace both brake pads (right and left) as a set.



1. Remove the two flange bolts to loosen the caliper body.



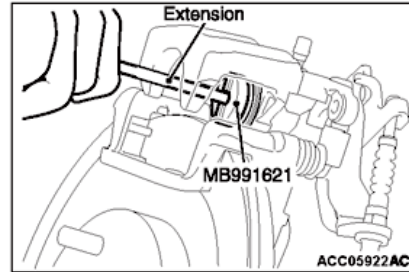
2. Lift the caliper body and the parking brake rear cable to put them aside. Support them with a wire to prevent damage to the brake hose or parking brake cable.



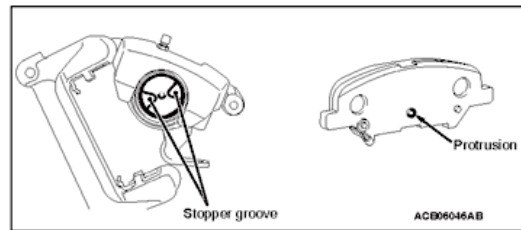
3. Remove the following parts from the caliper support.  
 (1) Shim  
 (2) Brake pad assembly (brake pad and wear indicator assembly)  
 (3) Clip

**CAUTION**

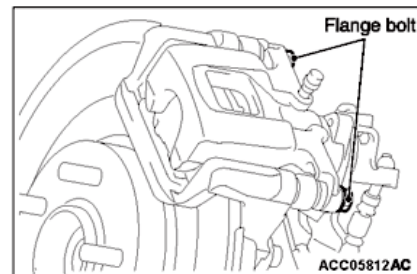
Keep grease or other soiling off the pad and brake disc friction surfaces.



4. Clean the piston part and rotate the piston clockwise while pressing it into the cylinder using the special tool piston expander (MB991621).



5. Set the piston as shown so that the protrusion on the pad assembly rear face is engaged in the piston stopper groove.



6. Assemble the shim, brake pad assembly and clip to the caliper support and tighten the two bolts to the specified torque as shown.

**Tightening torque: 35 ± 4 N·m (26 ± 3 ft. lb.)**

*NOTE: Observe the following when you install the brake pad assembly.*

- Mount the Brake pad with the wear indicator to the inside of the vehicle.
- Projection behind the brake pad assembly should be seated in the groove of the piston.