



# MEDIC UPDATE

## TECHNICAL SERVICE BULLETIN

SUBJECT:		No: <b>TSB-08-23-006</b>	
<b>INSTALLATION INSTRUCTIONS FOR TRANSFER OIL SEAL - SERVICE MANUAL REVISION</b>		DATE: <b>June, 2008</b>	
		MODEL: <b>2007 - 08 Outlander</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
<b>TSB Revision: TSB-08-23-006</b>			

### PURPOSE

The transfer input oil seal is available as a spare part, and the special tool for its installation has been established. This Technical Service Bulletin supplies the part number for a new special tool and provides descriptions relating to the transfer oil seal's installation.

### AFFECTED VEHICLE(S)

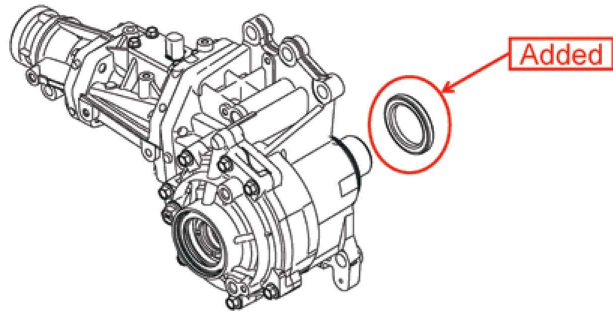
2007 Outlander 4WD

### APPLICABLE MANUAL(S)


Manual	Pub. No.	Description (Page/Info ID)	Attachment
2007 OUTLANDER Service Manual	MSSP-007B-2007	Service Pg. 23B-9 Pgs. 23B-79, 23B-80	Attachment 1
2007 OUTLANDER Service Manual CD-ROM	MMCD-007B-2007	Pg. 23B-9 Pgs. 23B-79, 23B-80	
2008 OUTLANDER Service Manual	MSSP-007B-2008	Pg. 23B-83 — W1CJA Pgs. 23D-91 — W6AJA	Attachment 2
2008 OUTLANDER Service Manual CD-ROM	MSCD-007B-2008M	Pg. 23B-83 — W1CJA Pgs. 23D-91 — W6AJA	

## Attachment 1 (1/2)

## Reference illustration



## Special tool

	MB992154 Oil seal installer	MB992154 or General Service Tool	Installation of transfer oil seal
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### Assembly service point

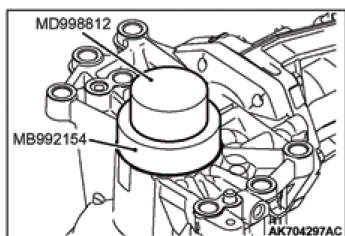
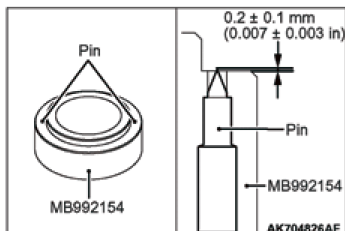
#### OIL SEAL INSTALLATION

##### ⚠ CAUTION

Pay attention to the transfer case that can possibly twist when the pin projection is too large.

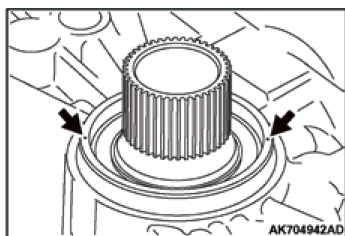
1. Adjust the projection allowances of the two pins of the special tool, Oil Seal Installer (MB992154) to be  $0.2 \pm 0.1$  mm ( $0.007 \pm 0.003$  in).

*NOTE: The two pins are inserted into the special tool, Oil Seal Installer (MB992154). When the oil seal is replaced, the traces are found on the transfer case so that the replacement using the specified special tool can be recognized.*



2. Using the special tool MD998812 and MB992154, install the oil seal.

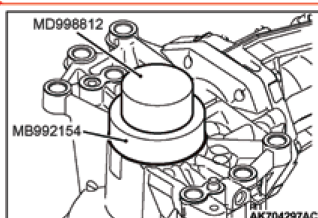
*NOTE: Apply grease to the lip of oil seal.*



3. Check whether the two traces are found on the transfer case.

## Attachment 2

## &gt;&gt;B&lt;&lt; OIL SEAL INSTALLATION

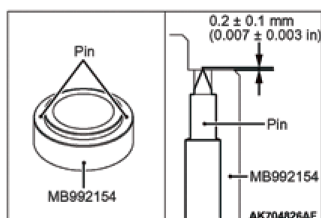


2. Using the special tool MD998812 and MB992154, install the oil seal.

NOTE: Apply grease to the lip of oil seal.

<Added>

<Added>



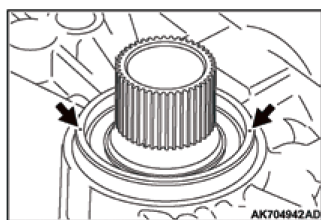
**CAUTION**

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NOTE: The two pins are inserted into the special tool, Oil Seal Installer (MB992154). When the oil seal is replaced, the traces are found on the transfer case so that the replacement using the specified special tool can be recognized.

<Added>



3. Check whether the two traces are found on the transfer case.

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