



Technical Service Bulletin

SUBJECT: SPECIAL TOOLS FOR DRIVE BELT REMOVAL – SERVICE MANUAL REVISION		No: TSB-24-11-002	
		DATE: June 2024	
		MODEL: Outlander	
CIRCULATE TO:	☐ GENERAL MANAGER	☒ PARTS MANAGER	☒ TECHNICIAN
☒ SERVICE ADVISOR	☒ SERVICE MANAGER	☒ WARRANTY PROCESSOR	☐ SALES MANAGER

PURPOSE

This TSB provides additions to the description of special tools used for removal of the drive belt within the Engine Mechanical (3.0L Engine) section of the applicable Service Manuals.

AFFECTED VEHICLES

2009-2012 Outlander

AFFECTED SERVICE MANUAL

2009-2012 Outlander Service Manual

PROCEDURE

Please use the chart below to replace the pages in the affected Service Manual, Engine Mechanical (3.0L Engine) sections.

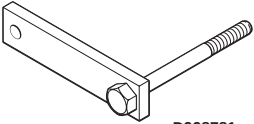
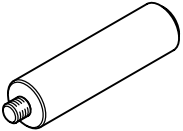
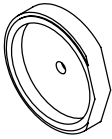
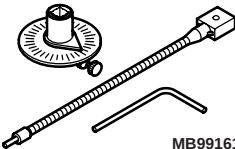
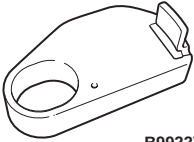
Applicable Manual	Pub. No.	Applicable Title	Contents
2009 OUTLANDER Service Manual	MSCD-007B-2009	ENGINE MECHANICAL <3.0L ENGINE> └ SPECIAL TOOLS	Attached sheet 2
2010 OUTLANDER Service Manual	MSCD-007B-2010	ENGINE MECHANICAL <3.0L ENGINE> └ CRANKSHAFT PULLEY └ REMOVAL AND INSTALLATION ENGINE	Attached sheet 3
2011 OUTLANDER Service Manual	MSCD-007B-2011	MECHANICAL <3.0L ENGINE> └ ENGINE ASSEMBLY └ REMOVAL AND INSTALLATION	Attached sheet 4
2012 OUTLANDER Service Manual	MSCD-007B-2012		



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**ENGINE MECHANICAL <3.0L ENGINE>
SPECIAL TOOLS**

Tool	Tool number and name	Supersession	Application
 D998781	MD998781 Flywheel stopper	General service tool	Securing the drive plate
	MB992075 Handle	—	Crankshaft rear oil seal installation
 MB992183	MB992183 Crankshaft rear oil seal installer	—	
 MB991614	MB991614 Angle gauge	—	Cylinder head bolt installation
	MD998716 Crankshaft wrench	MD998716-01	Rotating the crankshaft when installing the timing belt
 B992275	MB992275 Drive belt installer	—	Power steering oil pump drive belt installation
 B992276	MB992276 <Added> or MB993032 Drive belt remover	—	Power steering oil pump drive belt removal
 MB992208	MB992208 Engine hanger plate A	General Service Tool	Supporting the engine assembly during removal and installation of the transaxle assembly

ENGINE MECHANICAL <3.0L ENGINE> CRANKSHAFT PULLEY

Removal steps			Removal steps (Continued)		
<<A>>	1.	Generator drive belt	<<C>> >>A<<	4.	Crankshaft pulley washer
<> >>B<<	2.	Power steering oil pump drive belt	<<C>> >>A<<	5.	Crankshaft pulley
<<C>> >>A<<	3.	Crankshaft pulley center bolt			

Required Special Tools:

- MB990767: Front Hub and Flange Yoke Holder
- MD998719: Pin
- MB992275: Drive Belt Installer
- MB992276 or MB993032 Drive Belt Remover
<Added>

REMOVAL SERVICE POINTS

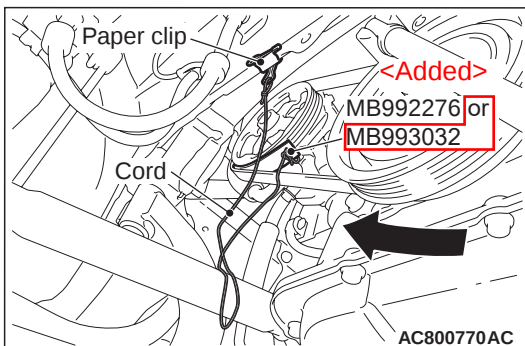
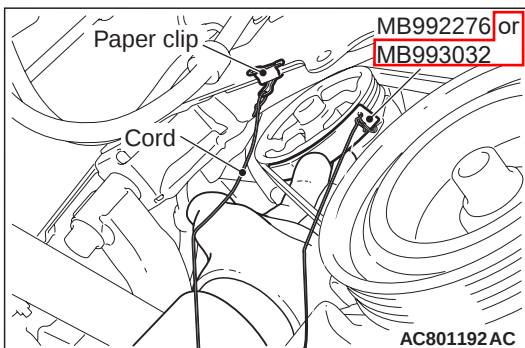
<> POWER STEERING OIL PUMP DRIVE BELT REMOVAL

CAUTION

- To reuse the power steering oil pump drive belt, draw an arrow indicating the rotating direction on the back of the power steering oil pump drive belt using chalk to install the same direction. <Added>
 - Hang the special tool MB992276 or MB993032 on the vehicle components (including front side members) using a cord and paper clip to prevent from falling.
1. Set the special tool MB992276 or MB993032 as shown and hold it by a finger. <Added>

CAUTION

Be careful that the finger holding the special tool MB992276 or MB993032 is not pinched.
<Added>



- <Added>
2. Slightly turn the crankshaft pulley clockwise until the special tool MB992276 or MB993032 is pinched and held between the oil pump assembly pulley and the power steering oil pump drive belt as shown.
 3. If the special tool MB992276 or MB993032 is held, move the finger off. <Added>

CAUTION

If the power steering oil pump drive belt is detached, be careful that the special tool MB992276 or MB993032 is also detached and fallen. <Added>

4. Slowly turn the crankshaft pulley clockwise until the power steering oil pump drive belt goes aground on the special tool <Added> MB992276 or MB993032 and is detached.
5. Remove the special tool MB992276 or MB993032.
<Added>

ENGINE MECHANICAL <3.0L ENGINE> ENGINE ASSEMBLY

Removal steps (Continued)

- <<G>> >>A<< 13. Engine assembly
14. Control wiring harness

Required Special Tools:

- MB992275: Drive Belt Installer
 - MB992276 or MB993032 Drive Belt Remover
 - MB991454: Engine Hanger Balancer
 - MB991895: Engine Hanger
 - MB991928: Engine Hanger
 - MB992208: Engine Hanger Plate A
- <Added>

REMOVAL SERVICE POINTS

<> POWER STEERING OIL PUMP DRIVE BELT REMOVAL

⚠ CAUTION

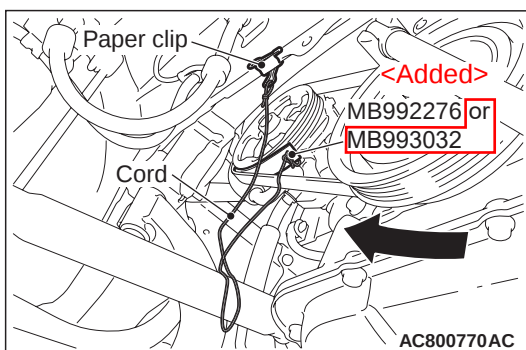
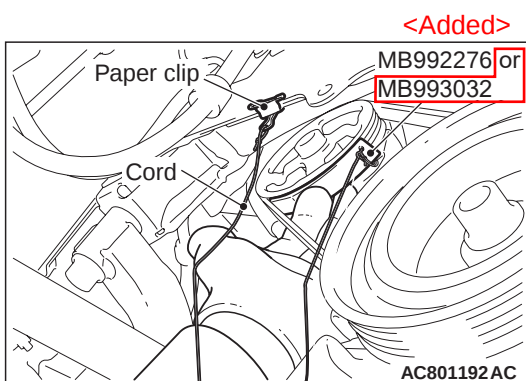
- To reuse the power steering oil pump drive belt, draw an arrow indicating the rotating direction on the back of the power steering oil pump drive belt using chalk to install the same direction. <Added>
- Hang the special tool MB992276 or MB993032 on the vehicle components (including front side members) using a cord and paper clip to prevent from falling.

1. Set the special tool MB992276 or MB993032 as shown and hold it by a finger. <Added>

⚠ CAUTION

Be careful that the finger holding the special tool MB992276 or MB993032 is not pinched.

<Added>



<Added>

2. Slightly turn the crankshaft pulley clockwise until the special tool MB992276 or MB993032 is pinched and held between the oil pump assembly pulley and the power steering oil pump drive belt as shown.
3. If the special tool MB992276 or MB993032 is held, move the finger off. <Added>

⚠ CAUTION

If the power steering oil pump drive belt is detached, be careful that the special tool MB992276 or MB993032 is also detached and fallen. <Added>

4. Slowly turn the crankshaft pulley clockwise until the power steering oil pump drive belt goes around on the special tool <Added> MB992276 or MB993032 and is detached.

5. Remove the special tool MB992276 or MB993032. <Added>