



Technical Service Bulletin

SUBJECT:		No: TSB-19-33-002	
CORRECTION TO LOWER ARM BALL JOINT ROTATION STARTING TORQUE - SMR		DATE: January 2019	
		MODEL: See below	
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 type="checkbox"/> WARRANTY PROCESSOR	<input type="checkbox"/> SALES MANAGER

PURPOSE

This TSB updates the Front Suspension section of the affected Service Manuals to correct the starting torque of the Lower Arm Ball Joint rotation.

AFFECTED VEHICLES

- 2008 - 2015 Lancer
- 2009 - 2015 Lancer Sportback
- 2007 - 2013 Outlander
- 2011 - 2015 Outlander Sport/RVR

AFFECTED SERVICE MANUALS

- 2008 - 2015 Lancer Service Manual, Group 33-Front Suspension
- 2009 - 2015 Lancer Sportback Service Manual, Group 33-Front Suspension
- 2007 - 2013 Outlander Service Manual, Group 33-Front Suspension
- 2011 - 2015 Outlander Sport/RVR Service Manual, Group 33-Front Suspension



Please make the indicated changes below to Group 33-Front Suspension -> Service Specifications, in the following Service Manuals:

- 2008 - 2015 Lancer
- 2009 - 2015 Lancer Sportback
- 2007 - 2013 Outlander

SERVICE SPECIFICATIONS

Item	Standard value
Lower arm ball joint rotation starting torque N·m (in·lb)	2.2 - 4.1 (19 - 36) <Incorrect>
	<Correct> 0.3 - 9.0 N·m (3 - 80 in·lb)

Please make the indicated changes below to Group 33-Front Suspension -> Lower Arm -> Lower Arm Check (or Inspection), in the following Service Manuals:

- 2008 - 2015 Lancer
- 2009 - 2015 Lancer Sportback
- 2007 - 2013 Outlander

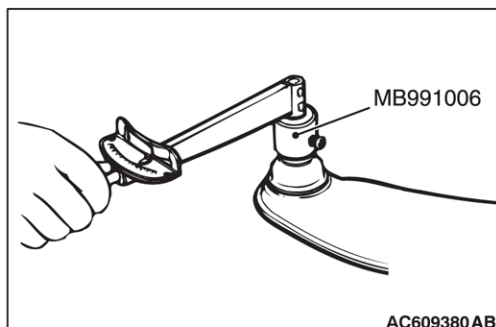
LOWER ARM INSPECTION

- Check the bushing for wear and deterioration.
- Check the lower arm for bend or breakage.
- Check all bolts for condition and straightness.

LOWER ARM BALL JOINT ROTATION STARTING TORQUE

Required Special Tool:

- MB991006: Preload socket



1. Move the lower arm ball joint stud back and forth for several times, and measure the lower arm ball joint rotation starting torque using special tool MB991006. <Incorrect>

~~Standard value: 2.2 - 4.1 N·m (19 - 36 in·lb)~~

2. If the measured value exceeds the standard range, replace the lower arm assembly.
3. Even if the measured value is within the standard range, check the lower arm ball joint that there is no looseness or gritty feeling. If there is no looseness or gritty feeling, it is judged as usable.

<Correct>

Standard value: 0.3 - 9.0 N·m (3 - 80 in·lb)

Please make the indicated changes below to the 2011 - 2015 Outlander Sport/RVR Service Manual, Group 33-Front Suspension -> Service Specifications:

SERVICE SPECIFICATIONS

Item	Standard value
Lower arm ball joint rotation starting torque N·m (in-lb)	7.0 - 9.0 (62 - 79) <Incorrect> <Correct> 0.3 - 9.0 N.m (3 - 80 in-lb)

Please make the indicated changes below to the 2011 - 2015 Outlander Sport/RVR Service Manual, Group 33-Front Suspension -> Lower Arm -> Lower Arm Inspection:

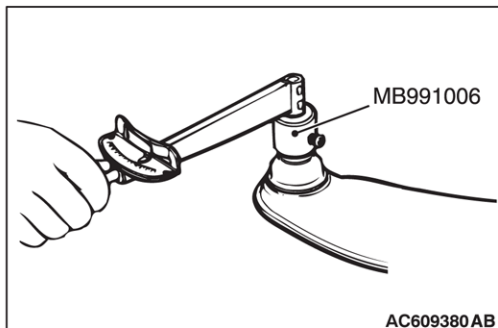
LOWER ARM INSPECTION

- Check the bushing for wear and deterioration.
- Check the lower arm for bend or breakage.
- Check all bolts for condition and straightness.

LOWER ARM BALL JOINT ROTATION STARTING TORQUE

Required Special Tool:

- MB991006: Preload socket



1. Move the lower arm ball joint stud back and forth for several times, and measure the lower arm ball joint rotation starting torque using special tool MB991006. <Incorrect>

~~Standard value: 7.0 - 9.0 N·m (62 - 79 in-lb)~~

2. If the measured value exceeds the standard range, replace the lower arm assembly.
3. Even if the measured value is within the standard range, check the lower arm ball joint that there is no looseness or gritty feeling. If there is no looseness or gritty feeling, it is judged as usable.

<Correct>

Standard value: 0.3 - 9.0 N.m (3 - 80 in-lb)