SERVICE BULLETIN

MITSUBISHI MOTORS

GLOBAL AFTER SALES OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : CORRECTION	ISSUE NO. : MSB-15EXML33-501	DATE : 2015-09-16
SUBJECT : Error in writing of the rotation starting torque of the lower arm ball joint		<DESTINATION/MODEL> (Attached sheet 2) <M/Y> 06-15
GROUP : Gr:33(Front suspention)		

1. Description :

Please refer to the attached document for the correction of the error in writing existing in the applicable service manual.

2. Affected service manuals :

Please refer to the attached document (Attached sheet 2)

3. About the details :

Please refer to the attached document (Attached sheets 5-8)

For overseas market
<EUROPPE/RUSSIA>

Attached sheet 2

Applicable manual	Pub. No.	Applicable title (INFO ID)	Content
2007 OUTLANDER Workshop Manual	CGXE07E1-CD (ENG) CGXF07E1-CD (FRE) CGXG07E1-CD (GER) CGXS07E1-CD (SPA) RUSSIA:N/A	Service specifications (M332-00-030-95100-01)	Attached sheet 5
		Lower arm inspection (M332-00-170-59800-01)	
2008 OUTLANDER Workshop Manual	CGXE08E2-CD (ENG) CGXF08E2-CD (FRE) CGXG08E2-CD (GER) CGXS08E2-CD (SPA) RUSSIA:N/A	Service specifications (M332-00-030-95101-01)	
		Lower arm inspection (M332-00-170-59800-01)	
2009 OUTLANDER Workshop Manual	CGXE09E2-CD (ENG) CGXF09E2-CD (FRE) CGXG09E2-CD (GER) CGXS09E2-CD (SPA) RUSSIA:N/A	Service specifications (M332-00-031-67500-01)	
		Lower arm inspection (M332-00-170-59800-01)	
2010 OUTLANDER Workshop Manual	CGXE10E1-CD(ENG) CGXF10E1-CD(FRE) CGXG10E1-CD(GER) CGXS10E1-CD(SPA) RUSSIA:N/A	Service specifications (M332-00-031-67500-01)	
		Lower arm inspection (M332-00-171-03000-01)	
2011 OUTLANDER Workshop Manual	CGXE11E1-CD(ENG) CGXF11E1-CD(FRE) CGXG11E1-CD(GER) CGXS11E1-CD(SPA) RUSSIA:N/A	Service specifications (M332-00-032-11700-01)	
		Lower arm inspection (M332-00-171-03000-01)	
2012 OUTLANDER Workshop Manual	CGXE12E1-CD(ENG) CGXF12E1-CD(FRE) CGXG12E1-CD(GER) CGXS12E1-CD(SPA) RUSSIA:N/A	Service specifications (M332-00-032-11700-01)	
		Lower arm inspection (M332-00-171-03000-01)	
2008 4007/C-CROSSER Workshop Manual	N/A	Service specifications (M332-00-030-95100-01)	
		Lower arm inspection (M332-00-170-68400-01)	
2009 4007/C-CROSSER Workshop Manual	N/A	Service specifications (M332-00-031-49300-01)	
		Lower arm inspection (M332-00-170-95200-01)	
2010 4007/C-CROSSER Workshop Manual	N/A	Service specifications (M332-00-031-66400-01)	
		Lower arm inspection (4007:M332-00-120-44100-01) (C-CROSSER: M332-00-171-02900-01)	
2008 LANCER Workshop manual	CG1E08E2-CD (ENG) CG1F08E2-CD (FRE) CG1G08E2-CD (GER) CG1S08E2-CD (SPA) RUSSIA:N/A	Service specifications (M332-00-031-16900-01)	
		Lower arm inspection (M332-00-170-71400-01)	
2009 LANCER SPORTBACK Workshop manual	CG4E09E1-CD (ENG) CG4F09E1-CD (FRE) CG4G09E1-CD (GER) CG4S09E1-CD (SPA) CG4I09E1-CD (ITA) RUSSIA:N/A	Service specifications (M332-00-031-41500-01)	
		Lower arm inspection (M332-00-170-73600-01)	
2011 LANCER/ LANCER SPORTBACK Workshop manual	CG1E11E1-CD (ENG) CG1F11E1-CD (FRE) CG1G11E1-CD (GER) CG1S11E1-CD (SPA) CG1I11E1-CD (ITA) RUSSIA:N/A	Service specifications (M332-00-031-41502-01)	
		Lower arm inspection (M332-00-170-73601-01)	
2012 LANCER/ LANCER SPORTBACK Workshop manual	CG1E12E1-CD (ENG) CG1F12E1-CD (FRE) CG1G12E1-CD (GER) CG1S12E1-CD (SPA) CG1I12E1-CD (ITA) RUSSIA:N/A	Service specifications (M332-00-031-41502-01)	
		Lower arm inspection (M332-00-170-73601-01)	

2013 LANCER/ LANCER SPORTBACK Workshop manual	CCAE13E1-CD (ENG) CCAF13E1-CD (FRE) CCAG13E1-CD (GER) CCAS13E1-CD (SPA) CCAI13E1-CD (ITA) RUSSIA:N/A	Service specifications (M332-00-031-41502-01)	
		Lower arm inspection (M332-00-170-73601-01)	
2014 LANCER/ LANCER SPORTBACK Workshop manual	CCAE14E1-CD (ENG) CCAF14E1-CD (FRE) CCAG14E1-CD (GER) CCAS14E1-CD (SPA) CCAI14E1-CD (ITA) RUSSIA:N/A	Service specifications (M332-00-031-41502-01)	
		Lower arm inspection (M332-00-170-73601-01)	

Applicable manual	Pub. No.	Applicable title (INFO ID)	Contents
2015 LANCER/ LANCER SPORTBACK Workshop manual	CCAE15E1-CD (ENG) CCAF15E1-CD (FRE) CCAG15E1-CD (GER) CCAS15E1-CD (SPA) CCAI15E1-CD (ITA) RUSSIA:N/A	Service specifications (M332-00-031-41502-01)	Attached sheet 5
		Lower arm inspection (M332-00-170-73601-01)	
2011 ASX Workshop manual	CGWE11E2-CD (ENG) CGWF11E2-CD (FRE) CGWG11E2-CD (GER) CGWS11E2-CD (SPA) CGWI11E2-CD (ITA) RUSSIA:N/A	Service specifications (M332-00-032-03200-01)	Attached sheet 6
2012 ASX Workshop manual	CGWE12E1-CD (ENG) CGWF12E1-CD (FRE) CGWG12E1-CD (GER) CGWS12E1-CD (SPA) CGWI12E1-CD (ITA) RUSSIA:N/A	Service specifications (M332-00-032-03200-01)	
2013 ASX Workshop manual	CGAE13E2-CD (ENG) CGAF13E2-CD (FRE) CGAG13E2-CD (GER) CGAS13E2-CD (SPA) CGAI13E2-CD (ITA) RUSSIA:N/A	Service specifications (M332-00-032-03200-01)	
2014 ASX Workshop manual	CGAE14E1-CD (ENG) CGAF14E1-CD (FRE) CGAG14E1-CD (GER) CGAS14E1-CD (SPA) CGAI14E1-CD (ITA) RUSSIA:N/A	Service specifications (M332-00-032-03200-01)	
2015 ASX Workshop manual	CGAE15E1-CD (ENG) CGAF15E1-CD (FRE) CGAG15E1-CD (GER) CGAS15E1-CD (SPA) CGAI15E1-CD (ITA) RUSSIA:N/A	Service specifications (M332-00-032-03200-01)	
2015.5 ASX Workshop manual	CGAE15E2-CD (ENG) CGAF15E2-CD (FRE) CGAG15E2-CD (GER) CGAS15E2-CD (SPA) CGAI15E2-CD (ITA) RUSSIA:N/A	Service specifications (M332-00-032-03200-01)	

<GENERAL EXPORT/GCC>

Applicable manual	Pub. No.	Applicable title (INFO ID)	Content
2006 OUTLANDER Workshop manual	PWRE0503R	Service specifications (M332-00-030-75700-01)	Attached sheet 5
		Lower arm inspection (M332-00-170-51000-01)	
2007 OUTLANDER Workshop manual	PWRE0607R	Service specifications (M332-00-031-01700-01)	
		Lower arm inspection (M332-00-170-63900-01)	
2008 OUTLANDER Workshop manual	Except Japan spec: PWRE0707R Japan spec: PWRE0712R	Service specifications (M332-00-031-01700-01)	
		Lower arm inspection (M332-00-170-63900-01)	

2009 OUTLANDER Workshop manual	Except Japan spec: PWRE0810R (ENG) PWRS0811R (SPA) Japan spec: MSB-08X00-015	Service specifications (M332-00-031-01702-01)	
		Lower arm inspection (M332-00-170-63900-01)	
2010 OUTLANDER Workshop manual	PWRE0906R (ENG) PWRS0907R (SPA)	Service specifications (M332-00-031-77200-01)	
		Lower arm inspection (M332-00-171-03000-01)	
2011 OUTLANDER Workshop manual	PWRE1012R (ENG) PWRS1013R (SPA)	Service specifications (M332-00-031-77200-01)	
		Lower arm inspection (M332-00-171-03000-01)	
2012 OUTLANDER Workshop manual	PWRE1103R (ENG) PWRS1104R (SPA)	Service specifications (M332-00-031-77200-01)	
		Lower arm inspection (M332-00-171-03000-01)	

Applicable manual	Pub. No.	Applicable title (INFO ID)	Content
2008 LANCER/LANCER EX Workshop manual	PWME0701R (ENG) PWMS0702R (SPA)	Service specifications (M332-00-031-12500-01)	Attached sheet 5
		Lower arm inspection (M332-00-170-69500-01)	
2009 LANCER/LANCER EX Workshop manual	PWME0802R (ENG) PWMS0803R (SPA)	Service specifications (M332-00-031-42600-01)	
		Lower arm inspection (M332-00-170-69500-01)	
2010 LANCER/LANCER EX Workshop manual	PWME0901R (ENG) PWMS0902R (SPA)	Service specifications (M332-00-031-42601-01)	
		Lower arm inspection (M332-00-170-99601-01)	
2011 LANCER/LANCER EX Workshop manual	PWME1010R (ENG) PWMS1011R (SPA)	Service specifications (M332-00-031-42601-01)	
		Lower arm inspection (M332-00-170-99601-01)	
2012 LANCER/LANCER EX Workshop manual	PWME1111R (ENG) PWMS1112R (SPA)	Service specifications (M332-00-031-42601-01)	
		Lower arm inspection (M332-00-170-99601-01)	
2013 LANCER/LANCER EX Workshop manual	PWME1202R (ENG) PWMS1203R (SPA)	Service specifications (M332-00-031-42601-01)	
		Lower arm inspection (M332-00-170-99601-01)	
2015 LANCER/LANCER EX Workshop manual	PWME1403R (ENG) PWMS1404R (SPA)	Service specifications (M332-00-031-42601-01)	
		Lower arm inspection (M332-00-170-99601-01)	

<CHINA>

Applicable manual	Pub. No.	Applicable title (INFO ID)	Content
2009 LANCER EX Workshop manual	DRAFT	Service specifications (M332-00-031-42600-01)	Attached sheet 5
		Lower arm inspection (M332-00-170-69500-01)	

<AUSTRALIA/NEW ZEALAND>

Applicable manual	Pub. No.	Applicable title (INFO ID)	Content
2007 OUTLANDER Workshop manual	MMAL:MR936083 NZ:DRAFT	Service specifications (M332-00-031-01700-01)	Attached sheet 5
		Lower arm inspection (M332-00-170-63900-01)	
2008 OUTLANDER Workshop manual	MMAL: MR936474 NZ:DRAFT	Service specifications (M332-00-031-01700-01)	
		Lower arm inspection (M332-00-170-63900-01)	
2009 OUTLANDER Workshop manual	MMAL: MR936477 NZ:DRAFT	Service specifications (M332-00-031-01702-01)	
		Lower arm inspection (M332-00-170-63900-01)	
2010 OUTLANDER Workshop manual	MMAL: MR936925 NZ:DRAFT	Service specifications (M332-00-031-77200-01)	
		Lower arm inspection (M332-00-171-03000-01)	
2011 OUTLANDER Workshop manual	MMAL: AU900052 NZ:DRAFT	Service specifications (M332-00-031-77200-01)	
		Lower arm inspection (M332-00-171-03000-01)	
2012 OUTLANDER Workshop manual	MMAL: AU900211 NZ:DRAFT	Service specifications (M332-00-031-77200-01)	
		Lower arm inspection (M332-00-171-03000-01)	
2008 LANCER Workshop manual	MMAL:MR936470 NZ:DRAFT	Service specifications (M332-00-031-24400-01)	
		Lower arm inspection (M332-00-170-76900-01)	
2009 LANCER Workshop manual	MMAL:MR936503 NZ:DRAFT	Service specifications (M332-00-031-24401-01)	
		Lower arm inspection (M332-00-170-76900-01)	

2009 LANCER SPORTBACK Workshop manual	MMAL:MR936570 NZ:DRAFT	Service specifications (M332-00-031-60800-01)	
		Lower arm inspection (M332-00-170-76900-01)	
2010 LANCER Workshop manual	MMAL:MR936920 NZ:DRAFT	Service specifications (M332-00-031-86800-01)	
		Lower arm inspection (M332-00-170-76901-01)	
2010 LANCER SPORTBACK Workshop manual	MMAL:MR936922 NZ:DRAFT	Service specifications (M332-00-031-60801-01)	
		Lower arm inspection (M332-00-170-76901-01)	
2011 LANCER Workshop manual	MMAL:AU900048 NZ:DRAFT	Service specifications (M332-00-031-86800-01)	
		Lower arm inspection (M332-00-170-76901-01)	

Applicable manual	Pub. No.	Applicable title (INFO ID)	Content
2011 LANCER SPORTBACK Workshop manual	AUSTRALIA:AU900050 NEW ZEALAND:DRAFT	Service specifications (M332-00-031-86800-01)	Attached sheet 5
		Lower arm inspection (M332-00-170-76901-01)	
2012 LANCER Workshop manual	AUSTRALIA:AU900216 NEW ZEALAND:DRAFT	Service specifications (M332-00-031-86800-01)	
		Lower arm inspection (M332-00-170-76901-01)	
2012 LANCER SPORTBACK Workshop manual	AUSTRALIA:AU900217 NEW ZEALAND:DRAFT	Service specifications (M332-00-031-86800-01)	
		Lower arm inspection (M332-00-170-76901-01)	
2013 LANCER Workshop manual	AUSTRALIA:AU900298 NEW ZEALAND:DRAFT	Service specifications (M332-00-031-86800-01)	
		Lower arm inspection (M332-00-170-76901-01)	
2013 LANCER SPORTBACK Workshop manual	AUSTRALIA:AU900299 NEW ZEALAND:DRAFT	Service specifications (M332-00-031-86800-01)	
		Lower arm inspection (M332-00-170-76901-01)	
2015 LANCER Workshop manual	AUSTRALIA:AU900420 NEW ZEALAND:DRAFT	Service specifications (M332-00-031-86800-01)	
		Lower arm inspection (M332-00-170-76901-01)	
2015 LANCER SPORTBACK Workshop manual	AUSTRALIA:AU900421 NEW ZEALAND:DRAFT	Service specifications (M332-00-031-86800-01)	
		Lower arm inspection (M332-00-170-76901-01)	

<GENERAL EXPORT>

Applicable manual	Pub. No.	Applicable title (INFO ID)	Content
2007 DELICA D:5 Workshop manual	PWRE0711R	Service specifications (M332-00-031-17000-01)	Attached sheet 5
		Lower arm inspection (M332-00-170-72500-01)	
2009 DELICA D:5 Workshop manual	PWRE0804R	Service specifications (M332-00-031-17000-01)	
		Lower arm inspection (M332-00-170-91800-01)	
2010 DELICA D:5 Workshop manual	MSB-10X00-008	Service specifications (M332-00-031-17000-01)	
		Lower arm inspection (M332-00-170-91800-01)	
2011 DELICA D:5 Workshop manual	MSB-10X00-025	Service specifications (M332-00-031-17000-01)	
		Lower arm inspection (M332-00-170-91800-01)	

<GENERAL EXPORT (Indonesia/Brunei/Thailand)>

Applicable manual	Pub. No.	Applicable title (INFO ID)	Content
2015 DELICA D:5 Workshop manual	DRAFT	Service specifications (M332-00-031-17000-01)	Attached sheet 5
		Lower arm inspection (M332-00-170-91800-01)	

<GENERAL EXPORT /GCC/ AUSTRALIA/NEW ZEALAND >

Applicable manual	Pub. No.	Applicable title (INFO ID)	Content
2011 ASX Workshop manual	PWPE1006R (ENG) PWPS1007R (SPA)	Service specifications (M332-00-032-09800-01)	Attached sheet 6
		Lower arm inspection (M332-00-171-18200-01)	
2012 ASX Workshop manual	PWPE1107R (ENG) PWPS1108R (SPA)	Service specifications (M332-00-032-09800-01)	
		Lower arm inspection (M332-00-171-18200-01)	
2013 ASX Workshop manual	G.EXP/GCC: PWPE1204R (ENG) PWPS1205R (SPA) MMAL:AU900409 NZ:DRAFT	Service specifications (M332-00-032-09800-01)	
		Lower arm inspection (M332-00-171-18200-01)	

2014 ASX Workshop manual	G.EXP/GCC: PWPE1312R (ENG) PWPS1313R (SPA) MMAL:AU900410 NZ:DRAFT	Service specifications (M332-00-032-09800-01)	
		Lower arm inspection (M332-00-171-18200-01)	
2015 ASX Workshop manual	G.EXP/GCC: PWPE1412R (ENG) PWPS1413R (SPA) MMAL:AU900418 NZ:DRAFT	Service specifications (M332-00-032-09800-01)	
		Lower arm inspection (M332-00-171-18200-01)	

<MMNA>

Applicable manual	Pub. No.	Applicable title (INFO ID)	Content
2007 OUTLANDER Service manual	MSCD-007B-2007	Service specifications (M332-00-031-47100-01)	Attached sheet 7
		Lower arm inspection (M332-00-170-93000-01)	
2008 OUTLANDER Service manual	MSCD-007B-2008	Service specifications (M332-00-031-47100-01)	
		Lower arm inspection (M332-00-170-93000-01)	
2009 OUTLANDER Service manual	MSCD-007B-2009	Service specifications (M332-00-031-82400-01)	
		Lower arm inspection (M332-00-170-93000-01)	
2010 OUTLANDER Service manual	MSCD-007B-2010	Service specifications (M332-00-031-82400-01)	
		Lower arm inspection (M332-00-170-93000-01)	
2011 OUTLANDER Service manual	MSCD-007B-2011	Service specifications (M332-00-031-82400-01)	
		Lower arm inspection (M332-00-170-93000-01)	
2012 OUTLANDER Service manual	MSCD-007B-2012	Service specifications (M332-00-031-82400-01)	
		Lower arm inspection (M332-00-170-93000-01)	
2008 LANCER Service manual	MSCD-106B-2008	Service specifications (M332-00-031-45900-01)	
		Lower arm inspection (M332-00-170-94100-01)	
2009 LANCER Service manual	MSCD-106B-2009	Service specifications (M332-00-031-45900-01)	
		Lower arm inspection (M332-00-170-94100-01)	
2009 LANCER SPORTBACK Service manual	MSCD-014B-2009	Service specifications (M332-00-031-70500-01)	
		Lower arm inspection (M332-00-170-94101-01)	
2010 LANCER Service manual	MSCD-106B-2010	Service specifications (M332-00-031-70500-01)	
		Lower arm inspection (M332-00-170-94101-01)	
2010 LANCER SPORTBACK Service manual	MSCD-014B-2010	Service specifications (M332-00-031-70500-01)	
		Lower arm inspection (M332-00-170-94101-01)	
2011 LANCER/ LANCER SPORTBACK Service manual	MSCD-106B-2011	Service specifications (M332-00-031-70501-01)	
		Lower arm inspection (M332-00-170-94101-01)	
2012 LANCER/ LANCER SPORTBACK Service manual	MSCD-106B-2012	Service specifications (M332-00-031-70501-01)	
		Lower arm inspection (M332-00-170-94101-01)	
2013 LANCER/ LANCER SPORTBACK Service manual	MSCD-106B-2013	Service specifications (M332-00-031-70501-01)	
		Lower arm inspection (M332-00-170-94101-01)	
2014 LANCER/ LANCER SPORTBACK Service manual	MSCD-106B-2014	Service specifications (M332-00-031-70501-01)	
		Lower arm inspection (M332-00-170-94101-01)	
2015 LANCER/ LANCER SPORTBACK Service manual	MSCD-106B-2015	Service specifications (M332-00-031-70501-01)	
		Lower arm inspection (M332-00-170-94101-01)	

Applicable manual	Pub. No.	Applicable title (INFO ID)	Content
2011 OUTLANDER SPORT/ ASX/RVR Service manual	MSCD-017B-2011	Service specifications (M332-00-032-13900-01)	Attached sheet 8
		Lower arm inspection (M332-00-171-19300-01)	
2012 OUTLANDER SPORT/ ASX/RVR Service manual	MSCD-017B-2012	Service specifications (M332-00-032-13900-01)	
		Lower arm inspection (M332-00-171-19300-01)	
2013 OUTLANDER SPORT/ ASX/RVR Service manual	MSCD-017B-2013	Service specifications (M332-00-032-13900-01)	
		Lower arm inspection (M332-00-171-19300-01)	
2014 OUTLANDER SPORT ASX/RVR Service manual	MSCD-017B-2014	Service specifications (M332-00-032-13900-01)	
		Lower arm inspection (M332-00-171-19300-01)	
2015 OUTLANDER SPORT ASX/RVR Service manual	MSCD-017B-2015	Service specifications (M332-00-032-13900-01)	
		Lower arm inspection (M332-00-171-19300-01)	

Attached sheet 5

Except ASX/OUTLANDER SPORT

SERVICE SPECIFICATIONS

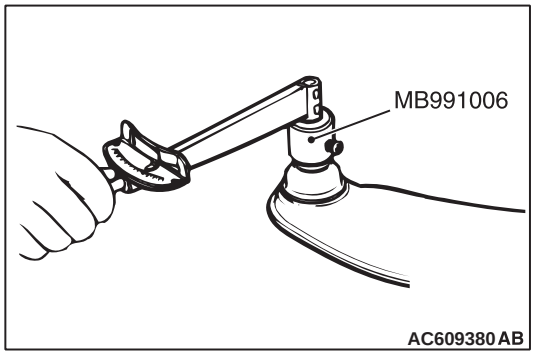
Item	Standard value
Lower arm ball joint breakaway torque N·m	~~2.2 – 4.1~~ <Incorrect>

0.3 - 9.0 <Correct>

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



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 the special tool preload socket (MB991006).

~~**Standard value: 2.2 – 4.1 N·m**~~ <Correct>

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.

Standard value: 0.3 - 9.0 N.m <Incorrect>

SERVICE SPECIFICATIONS

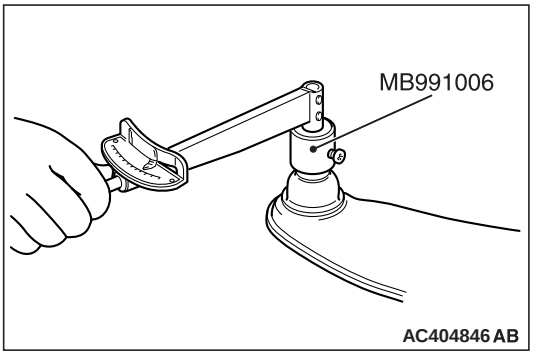
Item	Standard value
Lower arm ball joint breakaway torque N·m	~~7.0 – 9.0~~ <Incorrect>

0.3 - 9.0 <Correct>

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



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 preload socket (MB991006).

~~**Standard value: 7.0 – 9.0 N·m**~~ <Correct>

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.

Standard value: 0.3 - 9.0 N.m <Incorrect>

Attached sheet 7

Except ASX/OUTLANDER SPORT/RVR

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)

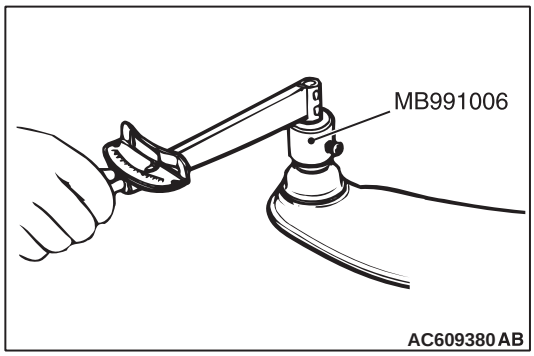
LOWER ARM INSPECTION

- 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)

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)

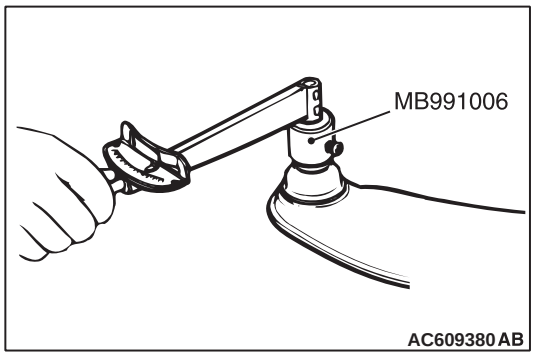
LOWER ARM INSPECTION

- 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)