



# Technical Service Bulletin

SUBJECT:			No: <b>TSB-19-27-002</b>
<b>CORRECTION TO REAR DIFFERENTIAL GEAR OIL - SERVICE MANUAL REVISION</b>			DATE: <b>May 2019</b>
			MODEL: <b>See below</b>
<b>CIRCULATE TO:</b>	<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 Rear Axle section of the affected Service Manuals, to correct the quantity of rear differential gear oil used.

## AFFECTED VEHICLES

- 2013 - 2017 Lancer & Lancer Sportback with AWD
- 2013 Outlander with AWD
- 2013 - 2018 Outlander Sport with AWD

## AFFECTED SERVICE MANUAL

- 2013 - 2017 Lancer & Lancer Sportback Service Manual, Group 27-Rear Axle
- 2013 Outlander Service Manual, Group 27-Rear Axle
- 2013 - 2018 Outlander Sport Service Manual, Group 27-Rear Axle



Please make the indicated changes to the 2013 - 2015 Lancer/Lancer Sportback Service Manuals, Group 27-Rear Axle -> 27B-Rear Axle <AWD> -> Lubricants.

**REAR AXLE <AWD>  
LUBRICANTS**

<Type B>

Item	Specified lubricant	Quantity
Rear differential gear oil	Mitsubishi Motors Genuine hypoid gear oil API classification GL-5, SAE 80	Approx. <del>0.50 dm<sup>3</sup> (0.53 qt)</del> <span style="color: red;">0.40 dm<sup>3</sup> (0.42 qt) &lt;Correct&gt;</span>
ETJ joint	Repair kit grease	75 ± 10 g (2.6 ± 0.3 oz)

Please make the indicated changes to the 2013 - 2015 Lancer/Lancer Sportback Service Manuals, Group 27-Rear Axle -> 27B-Rear Axle <AWD> -> On-Vehicle Service -> Gear Oil Replacement.

**REAR AXLE <AWD>  
ON-VEHICLE SERVICE**

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**GEAR OIL REPLACEMENT**

1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.

**Tightening torque:**

**<Type A>**

**64 ± 4 N·m (47 ± 2 ft-lb)**

**<Type B>**

**32 ± 2 N·m (23 ± 2 ft-lb)**

4. Add the oil until the level comes to the lower portion of the filler plug hole.

**Specified gear oil:**

**<Type A>**

**Mitsubishi Motors Genuine LSD gear oil**

**Amount to use: Approx. 0.55 dm<sup>3</sup>(0.58 quart)**

**<Type B>**

**Mitsubishi Motors Genuine hypoid gear oil API classification GL-5, SAE 80**

**Amount to use: Approx. ~~0.50 dm<sup>3</sup>(0.53 quart)~~ ← **0.40 dm<sup>3</sup>(0.42 quart)****

5. Tighten the filler plug to the specified torque.

**Tightening torque:**

**<Type A>**

**49 ± 9 N·m (36 ± 6 ft-lb)**

**<Type B>**

**32 ± 2 N·m (23 ± 2 ft-lb)**

Please make the indicated changes to the 2016 - 2017 Lancer/Lancer Sportback Service Manuals, Group 27-Rear Axle -> 27B-Rear Axle <AWD> -> Lubricants.

**REAR AXLE <AWD>  
LUBRICANTS**

Item	Specified lubricant	Quantity <Incorrect>
Rear differential gear oil	Mitsubishi Motors Genuine hypoid gear oil API classification GL-5, SAE 80	Approx. <del>0.50 dm<sup>3</sup> (0.53 qt)</del>
Inboard joint	Repair kit grease	75 ± 10 g (2.6 ± 0.3 oz)

< Correct >  
0.40 dm<sup>3</sup> (0.42 qt)

Please make the indicated changes to the 2016 - 2017 Lancer/Lancer Sportback Service Manuals, Group 27-Rear Axle -> 27B-Rear Axle <AWD> -> On-Vehicle Service -> Gear Oil Change.

**REAR AXLE <AWD>  
ON-VEHICLE SERVICE**

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**GEAR OIL CHANGE**

1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.

**Tightening torque:  $32 \pm 2$  N·m ( $23 \pm 2$  ft-lb)**

4. Add the oil until the level comes to the lower portion of the filler plug hole.

**Specified gear oil: Mitsubishi Motors Genuine hypoid gear oil API classification GL-5, SAE 80** <Incorrect>

**Amount to use: Approx.  ~~$0.50$  dm<sup>3</sup> (0.53 quart)~~ <Correct>  $0.40$  dm<sup>3</sup> (0.42 quart)**

5. Tighten the filler plug to the specified torque.

**Tightening torque:  $32 \pm 2$  N·m ( $23 \pm 2$  ft-lb)**

Please make the indicated changes to the 2013 Outlander Service Manuals, Group 27-Rear Axle  
-> 27B-Rear Axle <AWD> -> Lubricants.

**REAR AXLE <AWD>  
LUBRICANTS**

Item	Specified lubricant	Quantity < Incorrect >
Rear differential gear oil	Hypoid gear oil API classification GL-5, SAE 80	Approx. <del>0.5 dm<sup>3</sup> (0.53 qt)</del>
ETJ joint	Repair kit grease	75 ± 10 g (2.6 ± 0.3 oz)

< Correct >  
0.4 dm<sup>3</sup>(0.42 qt)

Please make the indicated changes to the 2013 - 2018 Outlander Sport Service Manuals, Group 27-Rear Axle -> 27B-Rear Axle <AWD> -> Lubricants.

**REAR AXLE <AWD>  
 LUBRICANTS**

**LUBRICANTS**

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Item	Specified lubricant	Quantity <Incorrect>
Differential gear oil	Mitsubishi Motors Genuine super hypoid gear oil API classification GL-5, SAE 80	Approx. <del>0.5 dm<sup>3</sup> (0.53 qt)</del>
ETJ joint	Repair kit grease	75 ± 10 g (2.6 ± 0.3 oz)

<Correct>  
 0.40 dm<sup>3</sup> (0.42 qt)