SERVICE BULLETIN

MITSUBISHI MOTORS

GLOBAL AFTER SALES OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : CHANGE	ISSUE NO. : MSB-13EX1_2-001	DATE : 2013-12-19
SUBJECT : CHANGE OF THE INSPECTION PROCEDURE OF DIFFERENCIAL OIL		<DESTINATION/MODEL> (EUR/RUSSIA/G.EXP/NZ) <M/Y> ALL
GROUP : PERIODICAL INSPECTION & MAINTENANCE(Gr:1&2)		L200/L200 SPORTERO/STRADA/TRITON (KA0T/KB0T)

1. Description :

Please refer to the attached document for the information about the change of mention in the applicable service manual.

2. Affected service manuals :

Applicable manual	Applicable title	Contents
L200/L200 SPORTERO/TRITON/STRADA Pre-delivery inspection and Periodic maintenance manual	PRE-DELIVERY INSPECTION 40. FRONT AND REAR DIFFERENTIAL OIL LEVELS PERIODIC INSPECTION AND MAINTENANCE B10. CHECK FRONT AND REAR DIFFERENTIAL FOR OIL LEAKAGE B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL	Attached sheet 1 Attached sheet 2

3. About the details :

Please refer to the attached document

AFTER ROAD TEST

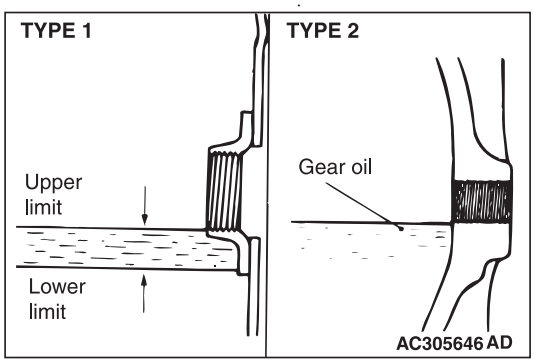
41. FRONT AND REAR DIFFERENTIAL OIL LEVELS

<Added>

M6010900800427

⚠ CAUTION
Gaskets (or packing) for the oil filler plug and the drain plug are non-reusable parts. Always replace them with new one, or oil leaks may be caused.

1. Remove the filler plug.
2. Check the oil level. If the oil level is at or slightly below the filler hole, it is in satisfactory condition.



Type 1 only: Remove the filler plug, and check the gear oil level.

NOTE: For oil level, refer to GROUP 2, Periodic Inspection and Maintenance.

3. If the level is low, replenish the front and/or rear differential with fresh oil by using a lubricator.

   NOTE: For the specified oil, refer to GROUP 2, Periodic Inspection and Maintenance.

<Added>

4. Renew a gasket, because it is a non-reusable part.
5. Tighten the filler plug to the specified torque.

   NOTE: For the specified oil, refer to GROUP 2, Periodic Inspection and Maintenance.

OPERATIONS UNDER THE VEHICLE

B10. CHECK FRONT AND REAR DIFFERENTIAL FOR OIL LEAKAGE (IN CASE OF LEAKAGE, CHECK THE OIL LEVEL)

<Added>

M6020301000638

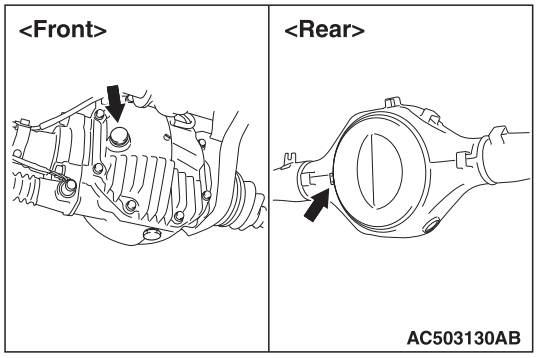
⚠ CAUTION
Gaskets (or packing) for the oil filler plug and the drain plug are non-reusable parts. Always replace them with new one, or oil leaks may be caused.

CHECK OIL LEAKAGE

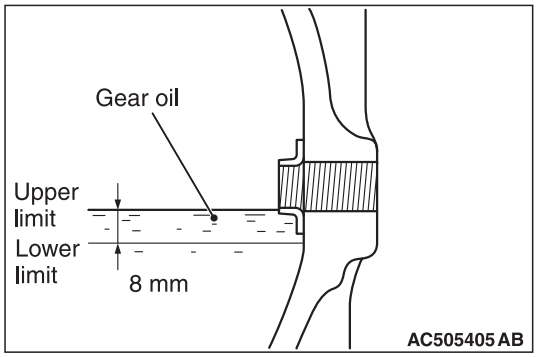
Check the area around the differential for oil leakage visually or by touching it with hand.

NOTE: If an oil leakage is detected, the oil level check is necessary.

CHECK OIL LEVEL
FRONT DIFFERENTIAL



1. Remove the under cover and filler plug.



2. Check that gear oil level is not 8 mm below the bottom of filler plug hole.
3. If the gear oil level is lower than the lower limit, add the specified gear oil until the level comes to the lower portion of the filler plug hole.

Specified gear oil:
MITSUBISHI MOTORS GENUINE Super Hypoid Gear oil API classification GL-5 SAE 80 or 90

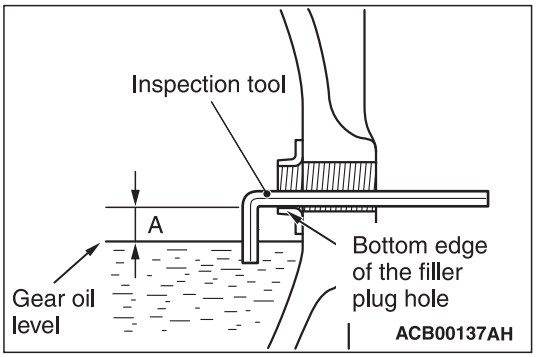
<Added>

4. Renew a gasket, because it is a non-reusable part.
5. Tighten the drain plug to the specified torque.

Tightening torque: 50 ± 10 N·m

REAR DIFFERENTIAL

⚠ CAUTION
Be careful not to drop the inspection tool into the differential.



1. Insert an inspection tool as shown so that it touches the bottom of the filler plug. The inspection tool: 10 mm-diameter L shaped bar (e.g. 10 mm-diameter angled hexagon wrench).
2. Remove the inspection tool, and then check that dimension A (between the bottom edge and the oil level) conforms to the table below.

Item				Dimension A
Number of the nuts securing the differential below the horizontal centre line of the rear axle housing	Five	Position of the filler hole	On flat surface	Within 8 mm
			On spherical surface	Within 28 mm
	Six			Within 38 mm

Specified gear oil:
MITSUBISHI MOTORS GENUINE Super Hypoid Gear Oil API classification GL-5 SAE 80 or SAE 90

<Added>

3. Renew a gasket, because it is a non-reusable part.
4. Tighten the filler plug to the specified torque.

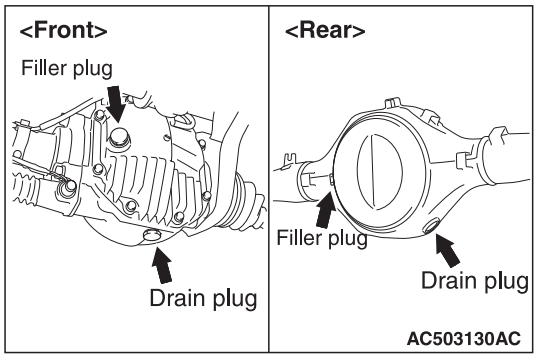
Tightening torque: 50 ± 10 N·m

B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL <Added>

M6020301100895

⚠ CAUTION
Gaskets (or packing) for the oil filler plug and the drain plug are non-reusable parts. Always replace them with new one, or oil leaks may be caused.

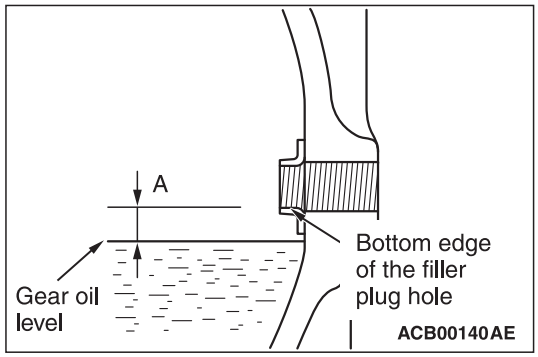
FRONT DIFFERENTIAL



1. Remove the under cover and filler plug.
2. Remove the drain plug and drain oil. <Added>
3. Renew a packing, because it is a non-reusable part.
4. Tighten the drain plug to the specified torque.
   Tightening torque: 65 ± 5 N·m
5. Add the oil until the level comes to the lower portion of the filter plug hole.
   Specified gear oil:
   MITSUBISHI MOTORS GENUINE Super Hypoid Gear oil API classification GL-5 SAE 80 or 90
   Amount to use: 1.2L <Added>
6. Renew a gasket, because it is a non-reusable part.
7. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 5 N·m

REAR DIFFERENTIAL

1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Renew a packing, because it is a non-reusable part. <Added>
4. Tighten the drain plug to the specified torque.
   Tightening torque: 60 ± 10 N·m



5. Refill the gear oil until the level satisfies the specification.

Item				Dimension A
Number of the nuts securing the differential below the horizontal centre line of the rear axle housing	Five	Position of the filler hole	On flat surface	8 mm
			On spherical surface	20 mm
	Six			30 mm

Specified gear oil:
MITSUBISHI MOTORS GENUINE Super Hypoid Gear Oil API classification GL-5 SAE 80 or SAE 90
Amount to use:
<Except high power engine (2WD with 15 inch tyres)> 1.5 L
<Except high power engine (2WD with 16 inch tyres, 4WD)> 2.1 L
<High power engine> 2.1 L <Added>

6. Renew a packing, because it is a non-reusable part.
7. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m