MITSUBISHI MOTORS

SERVICE BULLETIN

GLOBAL AFTER SALES OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : INFORMATION	ISSUE NO. : MSB-11E27-001C	DATE : 2012-07-11
SUBJECT : REAR DIFFERENTIAL GEAR OIL QUANTITY		<MODEL> <M/Y>
GROUP : REAR AXLE		(EUR/RUSSIA) See following 2. Applicable Manuals table.

1. Description:

According to the change in the rear differential gear oil quantities, the service procedures have been changed in the applicable Workshop Manuals. This Service Bulletin contains the modified descriptions.

Rear differential gear oil quantity
New: 2.1 L Current: 2.6 L or 3.1 L

2. Applicable Manuals:

See Attached sheet 1.

There may be some attached sheets not included in this Service Bulletin because they are not applicable to your market. Their sheet numbers are not listed in the above table.

3. Effective Date:

From the middle of October 2010

4. Details:

See Attached sheets

MSB-11E27-001C(11RV014C) 1

<EUR/RUSSIA>

Applicable manual	Pub. No.	Applicable title (INFO ID)	Content	
2011 L200 Workshop Manual	CCRE11E2-CD (Eng) CCRF11E2-CD (Fre) CCRG11E2-CD (Ger) CCRS11E2-CD (Spa) CCRI11E2-CD (Ita) RUSSIA:N/A	LUBRICANT (M271-00-040-76900-01)	Attached sheet 3	
		GEAR OIL LEVEL CHECK (M272-00-120-49300-01)	Attached sheet 4	
		GEAR OIL REPLACEMENT (M272-00-460-60500-01)	Attached sheet 5	B
2012 L200 Workshop Manual	CCRE12E2-CD (Eng) CCRF12E2-CD (Fre) CCRG12E2-CD (Ger) CCRS12E2-CD (Spa) CCRI12E2-CD (Ita) RUSSIA:N/A	LUBRICANT (M271-00-040-90700-01)	Attached sheet 24	
		GEAR OIL LEVEL CHECK (M272-00-120-55600-01)	Attached sheet 25	
		GEAR OIL REPLACEMENT (M272-00-460-68300-01)	Attached sheet 26	
2013 L200 Workshop Manual	CCRE13E2-CD (Eng) CCRF13E2-CD (Fre) CCRG13E2-CD (Ger) CCRS13E2-CD (Spa) CCRI13E2-CD (Ita) RUSSIA:N/A	GEAR OIL LEVEL CHECK (M272-00-120-66400-01)	Attached sheet 27	
		GEAR OIL REPLACEMENT (M272-00-460-93900-01)	Attached sheet 28	
2014 L200 Workshop Manual	CCRE14E2-CD (Eng) CCRF14E2-CD (Fre) CCRG14E2-CD (Ger) CCRS14E2-CD (Spa) CCRI14E2-CD (Ita) RUSSIA:N/A	GEAR OIL REPLACEMENT (M272-00-460-93902-01)	Attached sheet 36	C
2011 L200 Pre-delivery inspection and Periodic maintenance manual	CCRE11E2-CD (Eng) CCRF11E2-CD (Fre) CCRG11E2-CD (Ger) CCRS11E2-CD (SPA) CCRI11E2-CD (Ita) RUSSIA:N/A	B10. CHECK FRONT AND REAR DIFFERENTIAL FOR OIL LEAKAGE B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL	Attached sheet 19	A
2012 L200 Pre-delivery inspection and Periodic maintenance manual	CCRE12E2-CD (Eng) CCRF12E2-CD (Fre) CCRG12E2-CD (Ger) CCRS12E2-CD (Spa) CCRI12E2-CD (Ita) RUSSIA:N/A	B10. CHECK FRONT AND REAR DIFFERENTIAL FOR OIL LEAKAGE B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL	Attached sheet 29	B

2013 L200 Pre-delivery inspection and Periodic maintenance manual	CCRE13E2-CD (Eng) CCRF13E2-CD (Fre) CCRG13E2-CD (Ger) CCRS13E2-CD (Spa) CCRI13E2-CD (Ita) RUSSIA:N/A	B10. CHECK FRONT AND REAR DIFFERENTIAL FOR OIL LEAKAGE B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL	Attached sheet 30
2014 L200 Pre-delivery inspection and Periodic maintenance manual	CCRE14E2-CD (Eng) CCRF14E2-CD (Fre) CCRG14E2-CD (Ger) CCRS14E2-CD (Spa) CCRI14E2-CD (Ita) RUSSIA:N/A	B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL	Attached sheet 37

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<G.EXP/GCC/MEXICO>

Applicable manual	Pub. No.	Applicable title (INFO ID)	Content
2011 L200/L200 SPORTERO/ TRITON/STRADA/ STRADA SPORTERO Workshop Manual	PWTE1002R (Eng) PWTS1003R (Spa) MEXICO:DR AFT	LUBRICANT (M271-00-040-85500-01)	Attached sheet 6
		GEAR OIL LEVEL CHECK (M272-00-120-52300-01)	Attached sheet 7
		GEAR OIL REPLACEMENT (M272-00-460-64900-01)	Attached sheet 8
2011 L200/L200 SPORTERO/ TRITON/STRADA/ STRADA SPORTERO Pre-delivery inspection and Periodic maintenance manual	PWTE1002R (Eng) PWTS1003R (Spa) MEXICO:DR AFT	B10. CHECK FRONT AND REAR DIFFERENTIAL FOR OIL LEAKAGE B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL	Attached sheet 20
2012 L200/L200 SPORTERO/ TRITON/STRADA/ STRADA SPORTERO Pre-delivery inspection and Periodic maintenance manual	PWTE1105R (Eng) PWTS1106R (Spa) MEXICO:DR AFT	B10. CHECK FRONT AND REAR DIFFERENTIAL FOR OIL LEAKAGE B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL	Attached sheet 31
2013 L200/L200 SPORTERO/ TRITON/STRADA/ STRADA SPORTERO Pre-delivery inspection and Periodic maintenance manual	PWTE1208R (Eng) PWTS1209R (Spa) MEXICO:DR AFT	B10. CHECK FRONT AND REAR DIFFERENTIAL FOR OIL LEAKAGE B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL	Attached sheet 32

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2014 L200/L200 SPORTERO/ TRITON/STRADA/ STRADA SPORTERO Pre-delivery inspection and Periodic maintenance manual	PWTE1308R (Eng) PWTS1309R (Spa) MEXICO:DRAFT	B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL	Attached sheet 38

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<MMAL/NZ >

Applicable manual	Pub. No.	Applicable title (INFO ID)	Content
2011 TRITON Workshop Manual	AU900055 NZ:DRAFT	LUBRICANTS (M271-00-040-79200-01)	Attached sheet 9
		GEAR OIL LEVEL CHECK (M272-00-120-54500-01)	Attached sheet 10
		GEAR OIL REPLACEMENT (M272-00-460-59700-01)	Attached sheet 11
2011 TRITON Pre-delivery inspection and Periodic maintenance manual	AU900055 NZ:DRAFT	B10. CHECK FRONT AND REAR DIFFERENTIAL FOR OIL LEAKAGE B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL	Attached sheet 21

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<THAILAND>

Applicable manual	Pub. No.	Applicable title (INFO ID)	Content
2011 TRITON Workshop Manual	DRAFT	LUBRICANTS (M271-00-040-75801-01)	Attached sheet 12
		GEAR OIL LEVEL CHECK (M272-00-120-48202-01)	Attached sheet 4
		GEAR OIL REPLACEMENT (M272-00-460-53101-01)	Attached sheet 13
2011 TRITON Pre-delivery inspection and Periodic maintenance manual	DRAFT	B10. CHECK FRONT AND REAR DIFFERENTIAL FOR OIL LEAKAGE B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL	Attached sheet 22

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CR45
<G.EXP/GCC/RUSSIA/MMAL/NZ/MEXICO/BRAZIL/SOUTH AFRICA/ARGENTINA>

Applicable manual	Pub. No.	Applicable title (INFO ID)	Content
2011 NATIVA/ PAJERO SPORT/ MONTERO SPORT Workshop Manual	PWJE1004R (Eng) PWJS1005R (Spa) RUSSIA:N/A MMAL/NA/ MEXICO/BRAZIL/SOUTH AFRICA/ARGENTINA:DRAFT	LUBRICANT (M271-00-040-84400-01)	Attached sheet 14
		GEAR OIL LEVEL CHECK (M272-00-120-47100-01)	Attached sheet 18
		GEAR OIL REPLACEMENT (M272-00-460-63800-01)	Attached sheet 15

2011 NATIVA/ PAJERO SPORT/ MONTERO SPORT Pre-delivery inspection and Periodic maintenance manual	PWJE1004R (Eng) PWJS1005R (Spa) RUSSIA:N/A MMAL/NA/ MEXICO/B RAZIL/SOU TH AFRICA/AR GENTINA:D RAFT	B10. CHECK FRONT AND REAR DIFFERENTIAL FOR OIL LEAKAGE B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL	Attached sheet 23
2012 NATIVA/ PAJERO SPORT/ MONTERO SPORT Pre-delivery inspection and Periodic maintenance manual	PWJE1109R (Eng) PWJS1110R (SPA) RUSSIA:N/A MMAL/NA/ MEXICO/B RAZIL/SOU TH AFRICA/AR GENTINA:D RAFT	B10. CHECK FRONT AND REAR DIFFERENTIAL FOR OIL LEAKAGE B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL	Attached sheet 33
2013 NATIVA/ PAJERO SPORT/ MONTERO SPORT Pre-delivery inspection and Periodic maintenance manual	PWJE1211R (Eng) PWJS1212R (SPA) RUSSIA:N/A MMAL/NA/ MEXICO/B RAZIL/SOU TH AFRICA/AR GENTINA:D RAFT	B10. CHECK FRONT AND REAR DIFFERENTIAL FOR OIL LEAKAGE B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL	Attached sheet 34
2014 NATIVA/ PAJERO SPORT/ MONTERO SPORT Pre-delivery inspection and Periodic maintenance manual	PWJE1310R (Eng) PWJS1311R (SPA) RUSSIA:N/A MMAL/NA/ MEXICO/B RAZIL/SOU TH AFRICA/AR GENTINA:D RAFT	B10. CHECK FRONT AND REAR DIFFERENTIAL FOR OIL LEAKAGE B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL	Attached sheet 39

<THAILAND>

Applicable manual	Pub. No.	Applicable title (INFO ID)	Content
2011 NATIVA/ PAJERO SPORT/ MONTERO SPORT Workshop Manual	DRAFT	LUBRICANT (M271-00-040-78100-01)	Attached sheet 16
		GEAR OIL LEVEL CHECK (M272-00-120-47100-01)	Attached sheet 18
		GEAR OIL REPLACEMENT (M272-00-460-58600-01)	Attached sheet 17

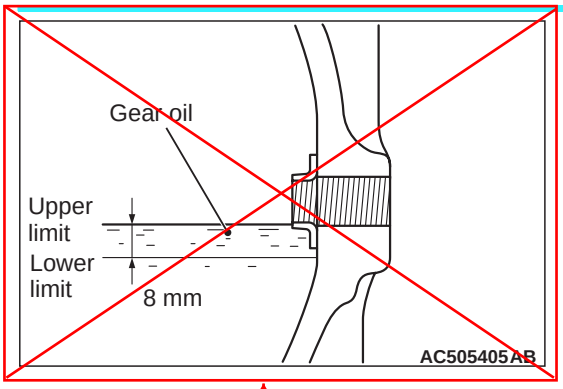
LUBRICANT

Item	Specified lubricant			Quantity
Rear differential gear oil	Gear oil API classification GL-5 or higher SAE 80W	2WD	except High rider	1.5 L
			High rider	~~2.6 L~~ <Old>
		4WD	5A/T or except vehicles with High power engine	~~2.6 L~~ <Old>
			Vehicles with High power engine except 5A/T	~~3.2 L~~ <Old>

<New>
2.1 L

TSB Revision

<Old>



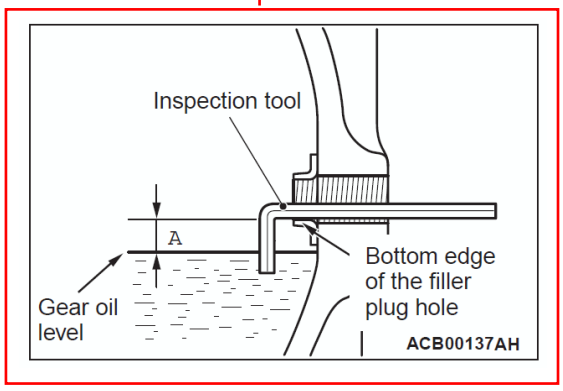
<Old> **GEAR OIL LEVEL CHECK**

1. Check that gear oil level is not 8 mm below the bottom of filler plug hole.
2. 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:
Gear oil API classification GL-5 or higher SAE 80W

3. Tighten the filler plug to the specified torque.

<New>



<New>

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.
   Inspection tool: 6 mm-diameter L shaped ber (e.g. 6 mm-diameter angled hexagon wrench)
2. Pull out the wrench, and then check that the dimension to the gear oil level is within 24 mm.

B <Old>

B <New>

Insert the attached sheet 35-A

TSB Revision

<New>
4. Refill the gear oil until the level satisfies the specification.

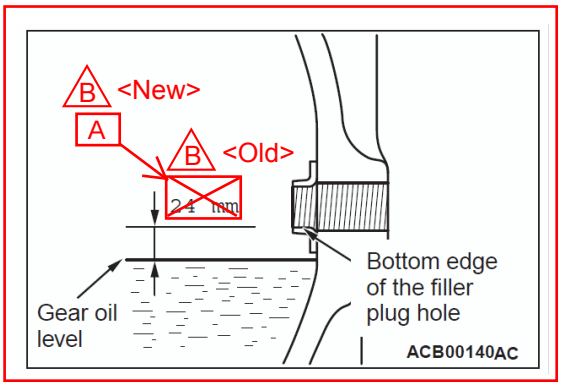
Attached sheet 5

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.

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

<Added>



Specified gear oil:
Gear oil API classification GL-5 or higher SAE 80W
Amount to use:
1.5L <2WD (except High rider)>

<Old> ~~**2.6L**~~ **<2WD (High rider), 4WD (5A/T or except vehicles with High power engine)>**

<Old> ~~**3.2L**~~ **<Vehicles with High power engine except 5A/T>**

5. Tighten the filler plug to the specified torque.

<New> 2.1 L

Insert the attached sheet 35-C

B <Added>

TSB Revision

LUBRICANTS

Item	Specified lubricant				Quantity
Rear differential gear oil	Gear oil API classification GL-5 or higher SAE 80W	Normal differential or Helical LSD	2WD	2400, 2500-SOHC, 2500-DOHC	1.5 L
		Normal differential or Helical LSD		2400 High rider	1.8 L
		Normal differential or Hybrid LSD		2500 High rider	~~2.6 L~~ <Old>
		Normal differential or Helical LSD	4WD	2400, 2500-SOHC, 2800	1.8 L
		Normal differential or Hybrid LSD		2500-DOHC (Except high power engine-M/T)	~~2.6 L~~ <Old>
				2500-DOHC (High power engine-M/T), 3200, 3500	~~3.2 L~~ <Old>
	DIA QUEEN LSD gear oil or CASTROL HYPOY LS (Gear oil API classification GL-5 SAE 90)	Mechanical LSD	2WD	2400, 2500-SOHC, 2500-DOHC	1.5 L
				2500 High rider	~~2.6 L~~ <Old>
			4WD	2400, 2500-SOHC, 2800	1.8 L
				2500-DOHC	~~2.6 L~~ <Old>
				3200, 3500	~~3.2 L~~ <Old>

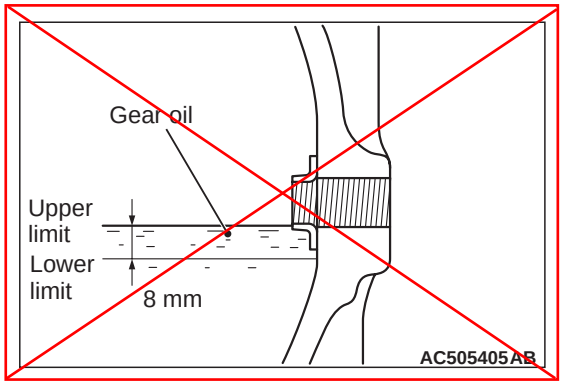
<New> 2.1 L

<New> 2.1 L

TSB Revision

GEAR OIL LEVEL CHECK

<Old>



<Old>

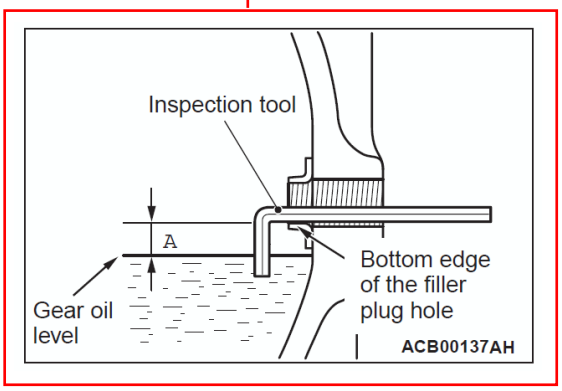
1. Remove the filler plug.
2. Check that gear oil level is not 8 mm below the bottom of filler plug hole.
3. If the gear oil level is lower than the lower limit, add the oil until the level comes to the lower portion of the filler plug hole.

Specified gear oil <Vehicles without mechanical LSD>:
Gear oil API classification GL-5 or higher SAE 80W

Specified gear oil <Vehicles with mechanical LSD>:
DIA QUEEN LSD gear oil or CASTROL HYPOY LS (Gear oil API classification GL-5 SAE 90)

4. Tighten the filler plug to the specified torque.

<New>



<New>

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.
   Inspection tool: 6 mm-diameter L shaped bar (e.g. 6 mm-diameter angled hexagon wrench)
2. Pull out the wrench, and then check that the dimension to the gear oil level is within 24 mm.

B <Old>

B <New>

Insert the attached sheet 35-A

TSB Revision

<New>
4. Refill the gear oil until the level satisfies the specification.

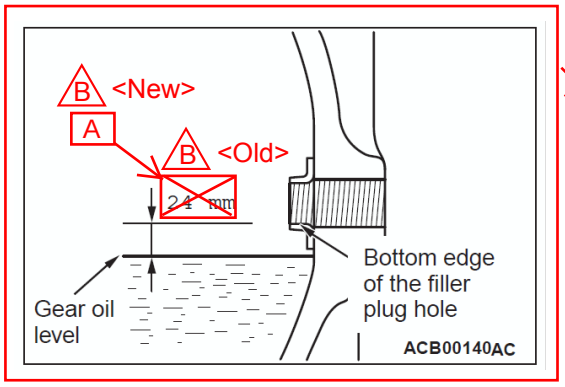
Attached sheet 8

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.

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

<Added>



Specified gear oil <Vehicles without Mechanical LSD>:
Gear oil API classification GL-5 or higher SAE 80W

Specified gear oil <Vehicles with Mechanical LSD>:
DIA QUEEN LSD gear oil or CASTROL HYPOY LS (Gear oil API classification GL-5 SAE 90)

Amount to use:

1.5L <2WD (except High rider)>

1.8L <2WD (High rider)-2400, 4WD-2400, 4WD-2500-SOHC, 4WD-2800>

<Old> **2.6L** <New> **2.1 L** **<2WD (High rider)-2500, 4WD-2500-DOHC (Except high power engine-M/T)>**

<Old> **3.2L** **<4WD-2500-DOHC (High power engine-M/T), 4WD-3200, 3500>**

5. Tighten the filler plug to the specified torque.

Insert the attached sheet 35-C

B <Added>

TSB Revision

LUBRICANTS

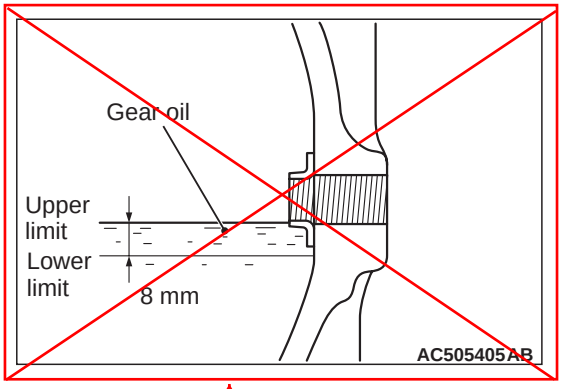
<New> 2.1 L

Item		Specified lubricant	Quantity <Old> ~~2.6L~~
Rear differential gear oil	Normal, Helical LSD, Hybrid LSD, Differential lock	Gear oil API classification GL-5 or higher SAE 80W	1.8 L <2400>, ~~2.6L~~ <2500 except 4WD M/T>, ~~3.2 L~~ <Old> <2500 4WD M/T>

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GEAR OIL LEVEL CHECK

<Old>



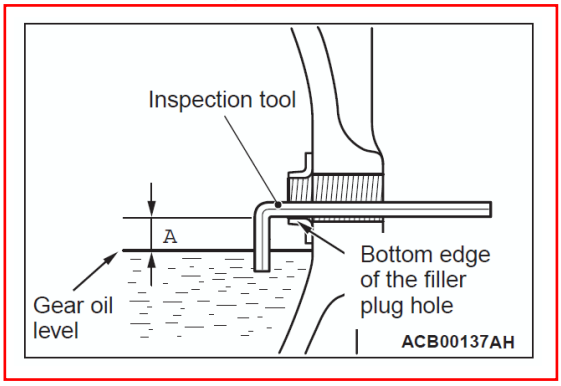
<Old>

1. Remove the 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 oil until the level comes to the lower portion of the filler plug hole.

Specified gear oil :
Gear oil API classification GL-5 or higher SAE 80W

4. Tighten the filler plug to the specified torque.

<New>



<New>

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.
   Inspection tool: 6 mm-diameter L shaped bar (e.g. 6 mm-diameter angled hexagon wrench)
2. Pull out the wrench, and then check that the dimension to the gear oil level is within 24 mm.

B <Old>

B <New>

Insert the attached sheet 35-A

TSB Revision

<New>
4. Refill the gear oil until the level satisfies the specification.

Attached sheet 11

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.

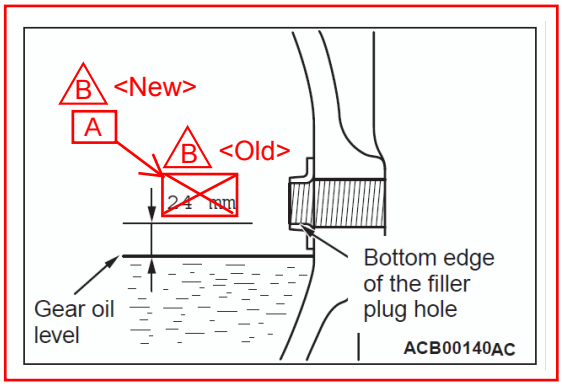
<Old>
4. Add the oil until the level comes to the lower portion of the filler plug hole.

Specified gear oil :
Gear oil API classification GL-5 or higher SAE 80W
Amount to use: 1.8L <2400>, 2.6L <2500 except 4WD M/T>, 3.2L <2500 4WD M/T>

<Old>
<Old>
<New> 2.1 L

5. Tighten the filler plug to the specified torque.

<Added>



Insert the attached sheet 35-C

B <Added>

TSB Revision

LUBRICANTS

Item	Specified lubricant		Quantity
Rear differential gear oil	Gear oil API classification GL-5 or higher SAE 80W	2WD (except High Rider)	1.5 L
		2WD (High Rider)-2400	1.8 L
		2WD (High Rider)-2500, 4WD-2500	~~2.6 L~~ <Old> <New> 2.1 L
		4WD-3200	~~3.2 L~~ <Old>

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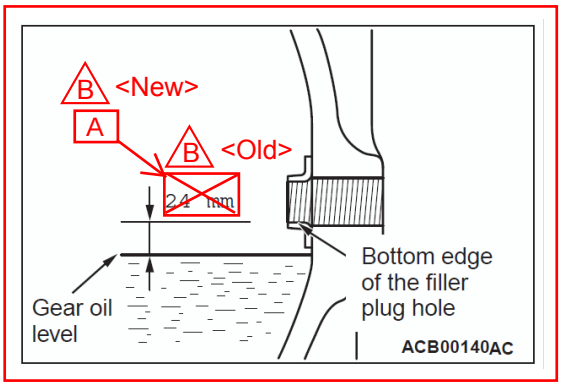
<New>
4. Refill the gear oil until the level satisfies the specification.

Attached sheet 13

GEAR OIL REPLACEMENT

1. Remove the filler plug.
2. Remove the drain plug and drain oil.

<Added>



<Old> 3. Tighten the drain plug to the specified torque.

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

Specified gear oil:
Gear oil API classification GL-5 or higher SAE 80W
Amount to use:
1.5L <2WD (except High Rider)>
1.8L <2WD (High Rider)-2400>
<Old> ~~**2.6L**~~ **<2WD (High Rider)-2500, 4WD-2500>**
<Old> ~~**3.2L**~~ **<4WD-3200>**

5. Tighten the filler plug to the specified torque.

<New> 2.1 L

Insert the attached sheet 35-C

B <Added>

TSB Revision

LUBRICANT

Item	Specified lubricant			Quantity
Rear differential gear oil	Gear oil API classification GL-5 or higher SAE 80W	2WD		~~2.6 L~~ <Old>
		4WD	2500-M/T (KH4WGNMZL/R), 2500-A/T, 3000, 3500-A/T	
			2500-M/T (Except KH4WGNMZL/R), 3500-M/T	~~3.2 L~~ <Old>

<New>
2.1 L

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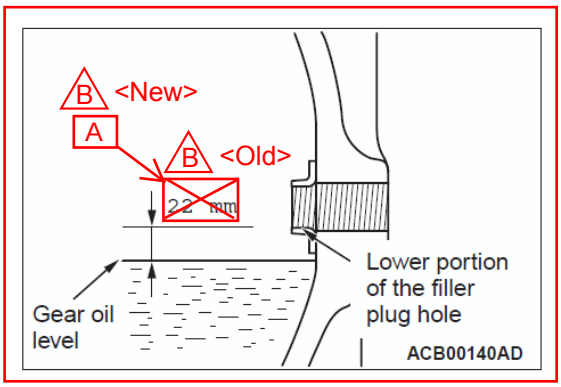
<New>
4. Refill the gear oil until the level satisfies the specification.

Attached sheet 15

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

<Added>



<Old>

Specified gear oil:
Gear oil API classification GL-5 or higher SAE 80W

Amount to use:

<Old> ~~2.8 L~~ **<2WD, 4WD {2500-M/T (KH4WGNMZL/R), 2500-A/T, 3000, 3500-A/T}>,**

<Old> ~~3.2 L~~ **<4WD {2500-M/T (Except KH4WGNMZL/R), 3500-M/T}>**

5. Tighten the filler plug to the specified torque.

<New>
2.1 L

Insert the attached sheet 35-D

B <Added>

TSB Revision

LUBRICANT

<New> 2.1 L

Item	Specified lubricant	Quantity
Rear differential gear oil	Gear oil API classification GL-5 or higher SAE 80W	2.6L <2500 except for Russia–M/T or Australia–M/T, 3000, 3200–A/T, 3500–A/T >, 3.2 L <2500 for Russia–M/T or Australia–M/T, 3200–M/T, 3500–M/T>

<Old>

<Old>

TSB Revision

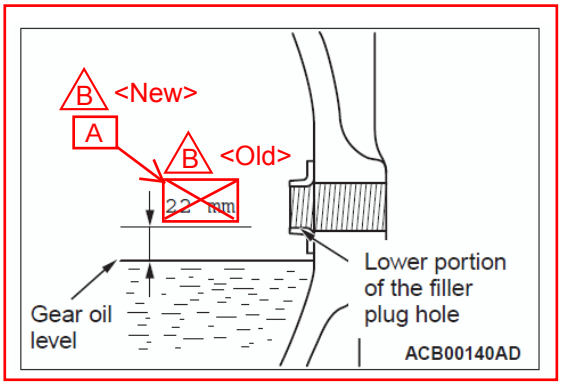
<New>
4. Refill the gear oil until the level satisfies the specification.

Attached sheet 17

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

<Added>



<Old>

Specified gear oil: <Old>
Gear oil API classification GL-5 or higher SAE 80W
Amount to use: ~~2.6L~~ <2500 except for Russia–M/T or Australia–M/T, 3000, 3200–A/T, 3500–A/T>, ~~3.2L~~ <Old>
<2500 for Russia–M/T or Australia–M/T, 3200–M/T, 3500–M/T>

5. Tighten the filler plug to the specified torque.

<New>
2.1 L

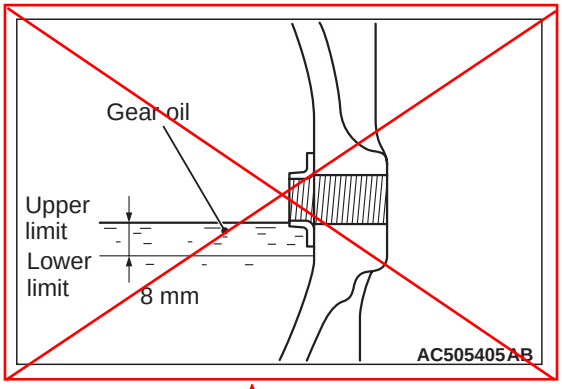
Insert the attached sheet 35-D

B <Added>

TSB Revision

GEAR OIL LEVEL CHECK

<Old>



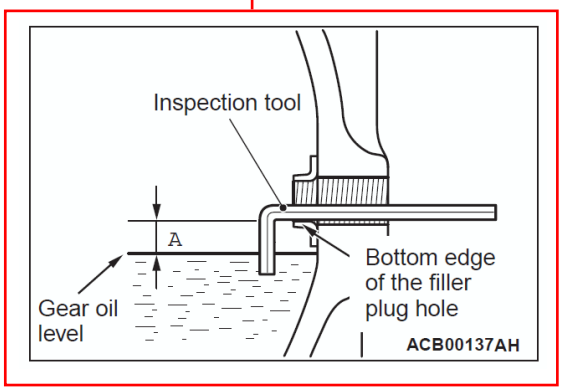
<Old>

1. Remove the 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 oil until the level comes to the lower portion of the filler plug hole.

Specified gear oil :
Gear oil API classification GL-5 or higher SAE 80W

4. Tighten the filler plug to the specified torque.

<New>



<New>

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.
   Inspection tool: 6 mm-diameter L shaped bar (e.g. 6 mm-diameter angled hexagon wrench)
2. Pull out the wrench, and then check that the dimension to the gear oil level is within 22 mm.

B <Old>

B <New>

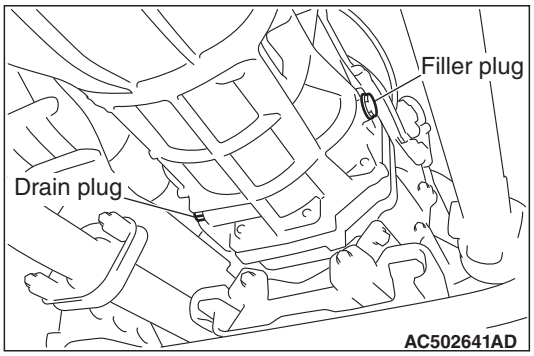
Insert the attached sheet 35-B

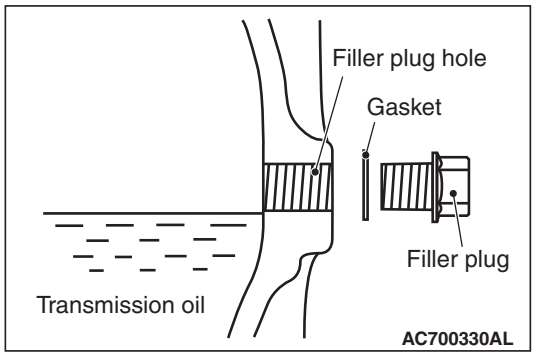
TSB Revision

Attached sheet 19(1/)

B8. CHANGE GEAR OIL IN MANUAL TRANSMISSION

M6020300800705

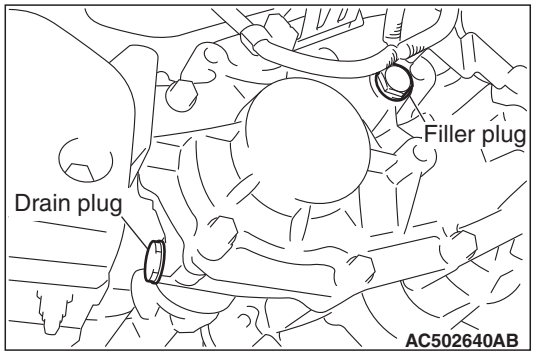


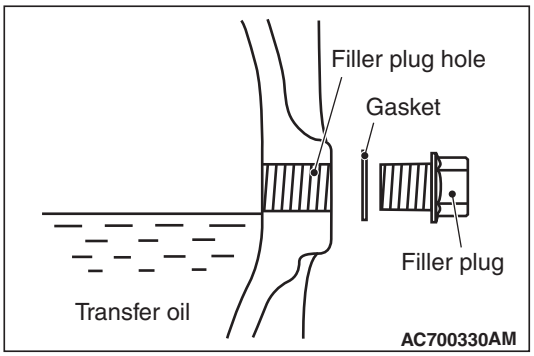


1. Remove the filler plug and gasket.
2. Remove the drain plug and gasket, and then drain the oil.
3. Install the drain plug and new gasket, then tighten them to the specified torque.
   Tightening torque: 37 ± 11 N·m
4. Fill with specified oil till the level comes to the lower portion of oil filler plug hole.
   Specified transmission oil: Gear oil API classification GL-3 SAE 75W–85
   Quantity: 2.3L <2WD>, 3.4L <4WD>
5. Install the filler plug and new gasket, then tighten them to the specified torque.
   Tightening torque: 37 ± 11 N·m

B9. CHANGE GEAR OIL IN TRANSFER

M6020300900467





1. Remove the filler plug and gasket.
2. Remove the drain plug and gasket, and then drain the oil.
3. Install the drain plug and new gasket, then tighten them to the specified torque.
   Tightening torque: 32 ± 2 N·m
4. Fill with specified oil till the level comes to the lower portion of oil filler plug hole.
   Specified transfer oil: Gear oil API classification GL-3 SAE 75W–85 or API classification GL-4 SAE 75W-85
   Quantity: 2.5 L
5. Install the filler plug and new gasket, then tighten them to the specified torque.
   Tightening torque: 32 ± 2 N·m

Insert the attached sheet 19(3/4-4/4)

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

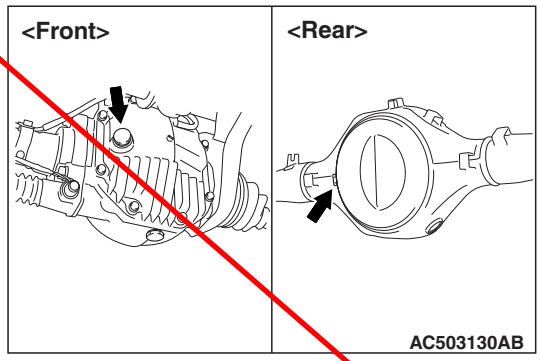
M6020301000412

CHECK OIL LEAKAGE

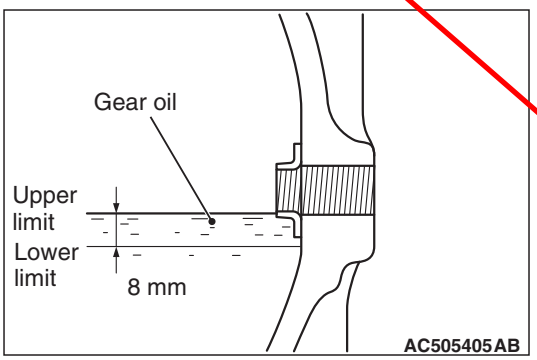
Check the area around the differential for oil leakage visually or by touching it with hand.

NOTE: If an oil leakage is not detected, the oil level check is necessary.

CHECK OIL LEVEL



1. Remove the filler plug.

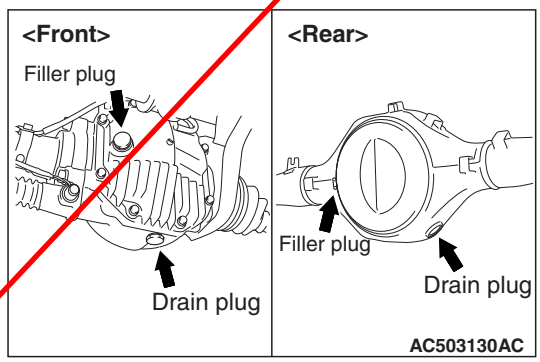


2. Check that the gear oil level is not 8mm below the bottom of the filler plug hole.
3. Fit the filler plug and tighten it to the specified torque.

Tightening torque: 50 ± 10 N·m

B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL

M6020301100613



FRONT DIFFERENTIAL

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

   Tightening torque: 65 ± 5 N·m
4. Add the oil until the level comes to the lower portion of the filter plug hole.

   Specified gear oil:
   Gear oil API classification GL-5 or higher
   Above 10°C SAE 90
   Below 10°C SAE 80W
   Quantity: 1.2L
5. Tighten the filler plug to the specified torque.

   Tightening torque: 50 ± 10 N·m

REAR DIFFERENTIAL

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

   Tightening torque: 60 ± 10 N·m
4. Add the oil until the level comes to the lower portion of the filler plug hole.

   Specified gear oil:
   Gear oil API classification GL-5 or higher
   Above 10°C SAE 90
   Below 10°C SAE 80W
   Quantity:
   <2WD (except high rider)> 1.5L
   <2WD (high rider), 4WD (5A/T or except vehicles with high power engine)> 2.6L
   <Vehicles with high power engine except 5A/T> 3.2L
5. Tighten the filler plug to the specified torque.

   Tightening torque: 50 ± 10 N·m

B12. CHECK EXHAUST PIPE CONNECTIONS FOR GAS LEAKAGE, AND CHECK PIPE INSTALLATION

M6020301200171

1. Confirm that the exhaust pipe does not interfere with any body components.
2. Check the exhaust pipe for damage by stones, etc.
3. Start the engine and check for gas leaks from the exhaust pipe connections.

Insert the attached sheet 19(3/4-4/4)

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

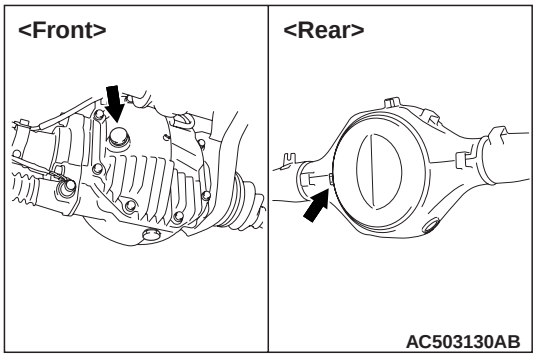
M6020301000489

CHECK OIL LEAKAGE

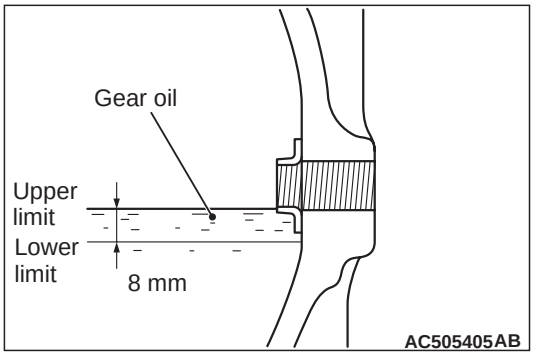
Check the area around the differential for oil leakage visually or by touching it with hand.

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.



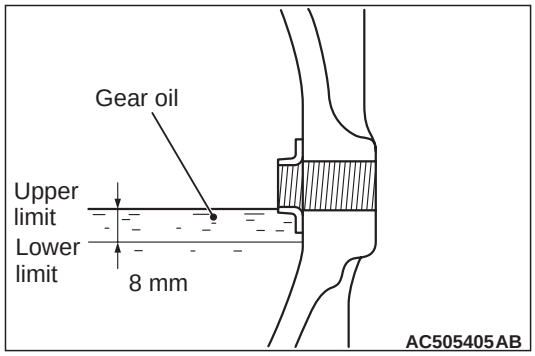
2. Check that gear oil level is not 8 mm below the bottom of filler plug hole.
3. If the gear oil level is lower than the lower limit, add the specified gear oil until the level comes to the lower portion of the filler plug hole.

   Specified gear oil:
   Gear oil API classification GL-5 or higher
   SAE 80W

4. Tighten the filler plug to the specified torque.

   Tightening torque: 50 ± 10 N·m

REAR DIFFERENTIAL
<Up to September>



1. Check that gear oil level is not 8 mm below the bottom of filler plug hole.
2. 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.

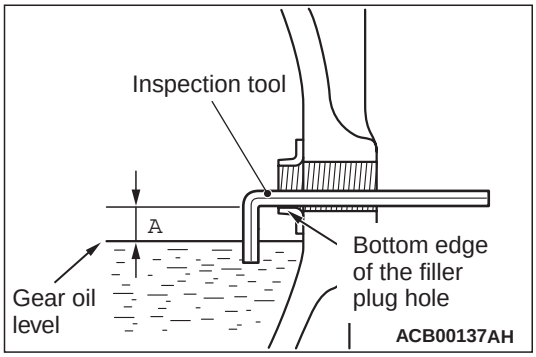
   Specified gear oil:
   Gear oil API classification GL-5 or higher
   SAE 80W

3. Tighten the filler plug to the specified torque.

   Tightening torque: 50 ± 10 N·m

<From October>

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



B <Old>

~~1. Insert an inspection tool as shown so that it touches the bottom of the filler plug. The inspection tool: 6 mm-diameter L shaped bar (e.g. 6 mm-diameter angled hexagon wrench).~~
~~2. Pull out the wrench, and then check that the dimension to the gear oil level is within 24 mm.~~

Specified gear oil:
Gear oil API classification GL-5 or higher
SAE 80W

3. Tighten the filler plug to the specified torque.

   Tightening torque: 50 ± 10 N·m

B <New>

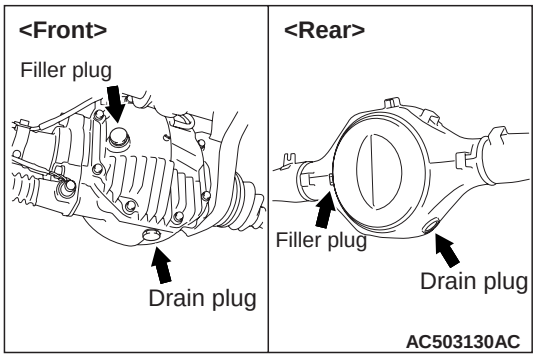
Insert the attached sheet 35-A

Attached sheet 19(4/4)

B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL

M6020301100679

FRONT DIFFERENTIAL



1. Remove the under cover and filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 65 ± 5 N·m
4. Add the oil until the level comes to the lower portion of the filter plug hole.
   Specified gear oil:
   Gear oil API classification GL-5 or higher
   SAE 80W
   Amount to use: 1.2L
5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

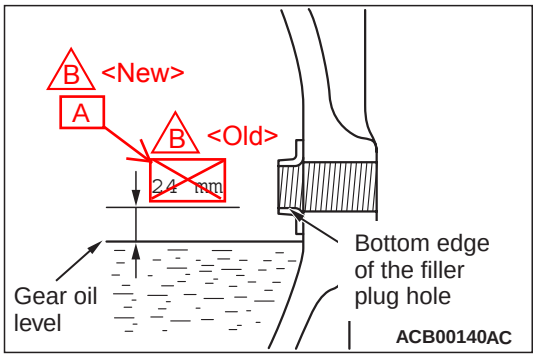
REAR DIFFERENTIAL

<Up to September>

1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 60 ± 10 N·m
4. Add the oil until the level comes to the lower portion of the filler plug hole.
   Specified gear oil:
   Gear oil API classification GL-5 or higher SAE 80W
   Amount to use:
   1.5 L <2WD (except High rider)>
   2.6 L <2WD (High rider), 4WD (5A/T or except vehicles with High power engine)>
   3.2 L <Vehicles with High power engine except 5A/T>
5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

<From October>

1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 60 ± 10 N·m



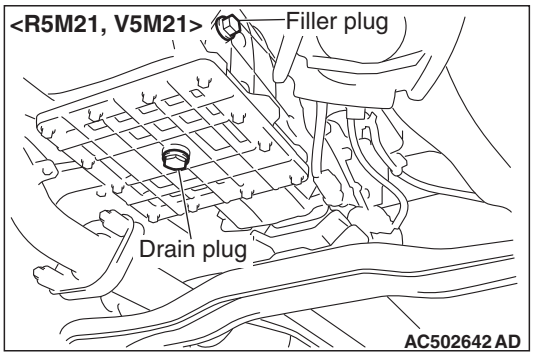
4. Refill the gear oil until the level satisfies the specification.
   Specified gear oil:
   Gear oil API classification GL-5 or higher SAE 80W
   Amount to use:
   1.5 L <2WD (except High rider)>
   2.1 L <2WD (High rider), 4WD (5A/T or except vehicles with High power engine)>
   2.1 L <Vehicles with High power engine except 5A/T>
5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

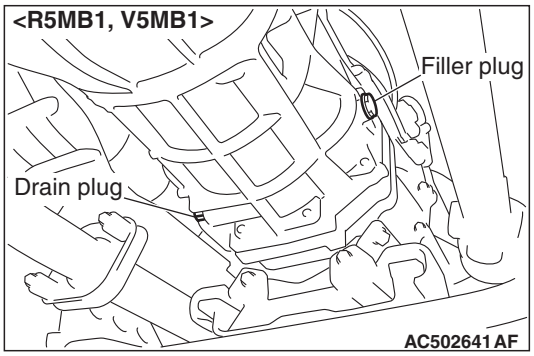
Insert the attached sheet 35-C

B <Added>

B8. CHANGE GEAR OIL IN MANUAL TRANSMISSION

M6020300800266

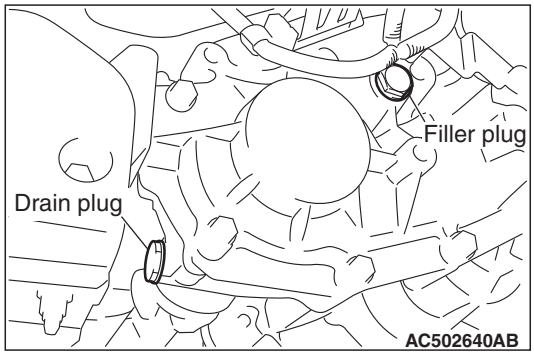




1. Remove the filler plug.
2. Remove the drain plug and drain the oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque:
   <R5M21, V5M21> 32 ± 2 N·m
   <R5MB1, V5MB1> 37 ± 11 N·m
4. Fill with specified oil till the level comes to the lower portion of oil filler plug hole.
   Specified transmission oil:
   Gear oil API classification GL-3 SAE 75W–85W
   Quantity:
   <R5M21, R5MB1> 2.3 L
   <V5M21> 2.2 L
   <V5MB1> 3.4 L
5. Tighten the filler plug to the specified torque.
   Tightening torque:
   <R5M21, V5M21> 32 ± 2 N·m
   <R5MB1, V5MB1> 37 ± 11 N·m

B9. CHANGE GEAR OIL IN TRANSFER

M6020302600020



1. Remove the filler plug.
2. Remove the drain plug and drain the oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 32 ± 2 N·m
4. Fill with specified oil till the level comes to the lower portion of oil filler plug hole.
   Specified transfer oil:
   Gear oil API classification GL-3 SAE 75W–85W
   Quantity:
   <V5M21> 2.3 L
   <V5MB1, V4A5A> 2.5 L
5. Tighten the oil filler plug to the specified torque.
   Tightening torque: 32 ± 2 N·m

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

M6020302700027

CHECK OIL LEAKAGE

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

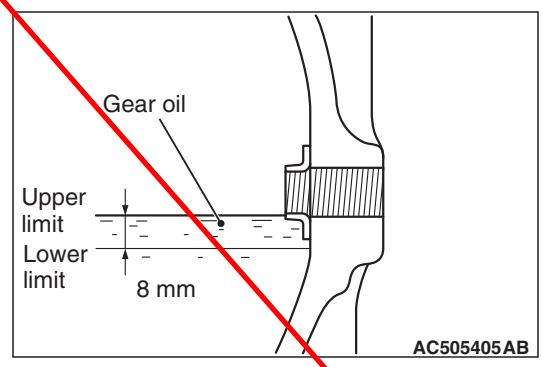
NOTE: If an oil leakage is not detected, the oil level check is necessary.

Insert the attached sheet 20(4/6-6/6)

Attached sheet 20(2/6)

CHECK OIL LEVEL <FRONT DIFFERENTIAL>

1. Remove the under cover and filler plug.

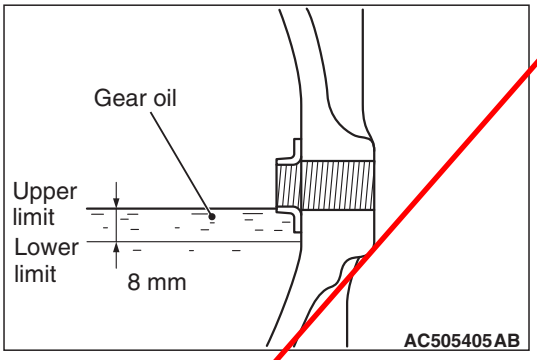


2. Check that the gear oil level is not 8mm below the bottom of the filler plug hole.
3. If the gear oil level is not between the upper and lower limit, add the specified gear oil below the bottom of filler plug hole.
4. Tighten the filler plug to the specified torque.

Tightening torque: 50 ± 10 N·m

<REAR DIFFERENTIAL>

1. Remove the filler plug.

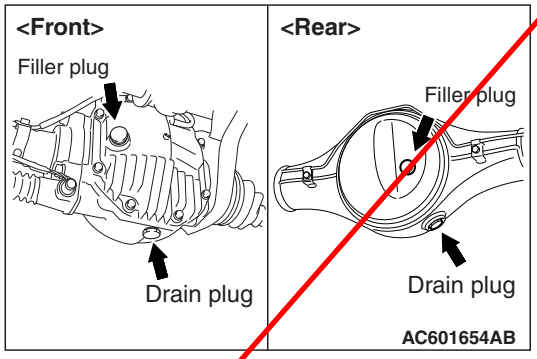


2. Check that the gear oil level is not 8mm below the bottom of the filler plug hole.
3. If the gear oil level is not between the upper and lower limit, add the specified gear oil below the bottom of filler plug hole.
4. Tighten the filler plug to the specified torque.

Tightening torque: 50 ± 10 N·m

B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL

M6020301100486



<Front differential>

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

Tightening torque: 65 ± 5 N·m

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

Specified gear oil:
Gear oil API classification GL-5 or higher
Above 10°C SAE 90
Below 10°C SAE 80W
Quantity: 1.2L

5. Tighten the filler plug to the specified torque.

Tightening torque: 50 ± 10 N·m

<Rear differential>

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

Tightening torque: 60 ± 10 N·m

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

Specified gear oil <Vehicles without Mechanical LSD>:
Gear oil API classification GL-5 or higher
Above 10°C SAE 90
Below 10°C SAE 80W
Specified gear oil <Vehicles with Mechanical LSD>:
DIA QUEEN LSD gear oil or CASTROL HYPOY LS (Gear oil API classification GL-5)

Insert the attached sheet 20(4/6-6/6)

Quantity:
<4G64, 4D56-SOHC, 4M40>
- **2WD (except High Rider) - 1.5 L**
- **2WD (High Rider), 4WD - 1.8 L**

<6G74, 4M41> 3.2 L
<4D56-DOHC> 2.6 L

5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

Insert the attached sheet 20(4/6-6/6)

B12. CHECK EXHAUST PIPE CONNECTIONS FOR GAS LEAKAGE, AND CHECK PIPE INSTALLATION

M6020301200342

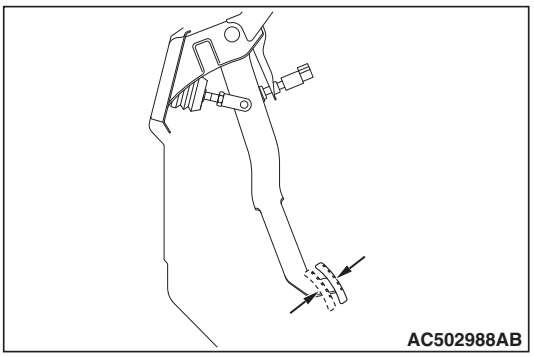
1. Confirm that the exhaust pipe does not interfere with any body components.
2. Check the exhaust pipe for damage by stones, etc.
3. Start the engine and check for gas leaks from the exhaust pipe connections.

OPERATIONS INSIDE THE VEHICLE

C1. CHECK BRAKE PEDAL AND CLUTCH PEDAL FOR FREE PLAY

M6020400100640

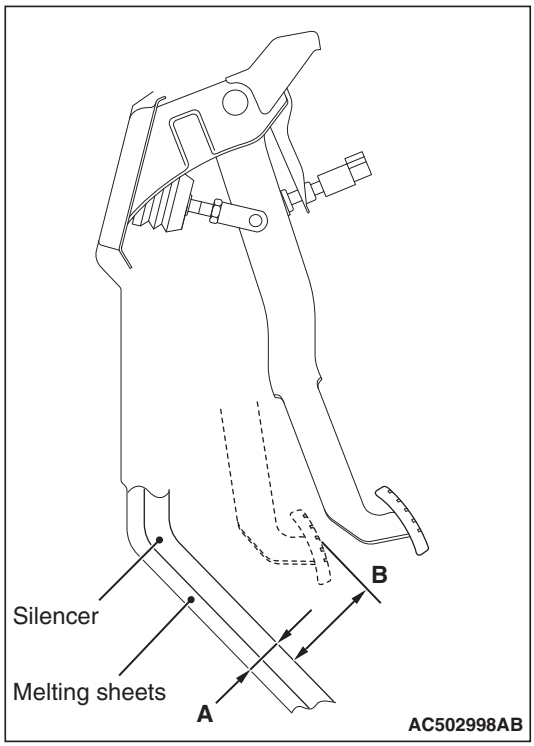
BRAKE PEDAL FREE PLAY



1. Turn the ignition switch to the "LOCK" (OFF) position, depress the brake pedal two or three times. After eliminating the vacuum in the brake booster, press the pedal down by hand, and confirm that the amount of movement before resistance is met (free play) is within the standard value range.
   Standard value: 3 – 8 mm
2. If the brake pedal play is not within the standard value, check the following, and adjust or replace if necessary:
   - Excessive play between the brake pedal and the clevis pin, or between the clevis pin and the brake booster operating rod
   - Brake pedal height
   - Installation position of the stop lamp switch, etc.

CLEARANCE BETWEEN BRAKE PEDAL AND DASH PANEL

1. Turn up the carpet, etc. under the brake pedal.



2. Pierce a needle or similar material to the silencer and melting sheets, and measure the thickness of "A" shown in the figure.
3. Start the engine, depress the brake pedal with approximately 490 N of force, and measure the distance "B" between the silencer and brake pedal shown in the figure.
4. Check that the total value of "A" and "B" measured in the previous items 2 and 3 is within the standard value.
   Standard value (A + B): 75 mm or more
   [From the surface of dash panel to the face of pedal pad]

Attached sheet 20(4/6)

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

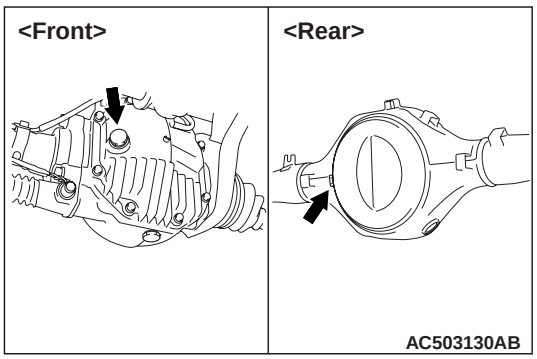
M6020301000490

CHECK OIL LEAKAGE

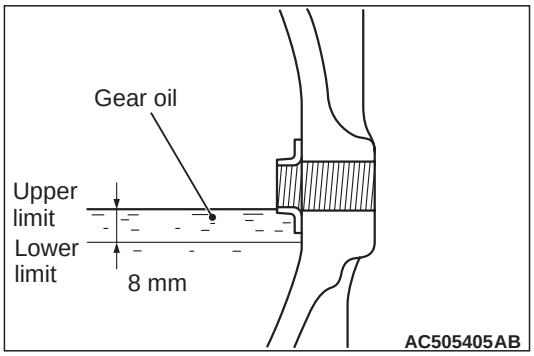
Check the area around the differential for oil leakage visually or by touching it with hand.

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:
   Gear oil API classification GL-5 or higher SAE 80W

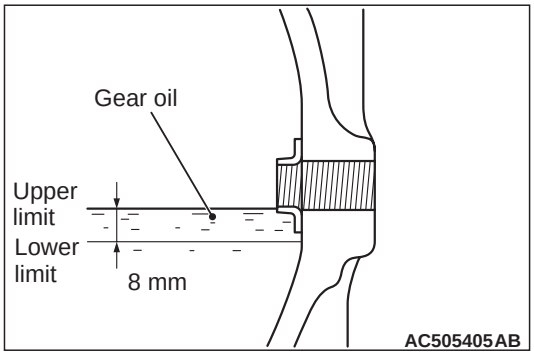
4. Tighten the filler plug to the specified torque.

   Tightening torque: 50 ± 10 N·m

B <New>

Insert the attached sheet 35-A

REAR DIFFERENTIAL
<Up to September>



1. Check that gear oil level is not 8 mm below the bottom of filler plug hole.
2. 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 <Vehicles without mechanical LSD>:
   Gear oil API classification GL-5 or higher SAE 80W

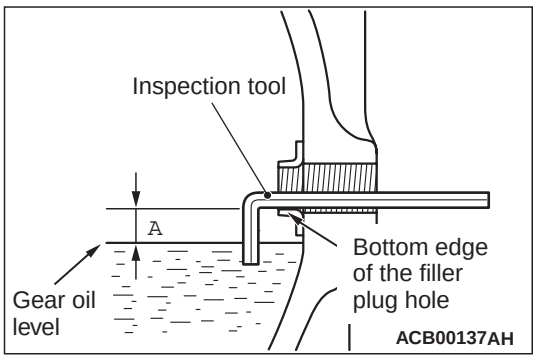
   Specified gear oil <Vehicles with mechanical LSD>:
   DIA QUEEN LSD gear oil or CASTROL HYPOY LS (Gear oil API classification GL-5 SAE 90)

3. Tighten the filler plug to the specified torque.

   Tightening torque: 50 ± 10 N·m

<From October>

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



B <Old>

~~1. Insert an inspection tool as shown so that it touches the bottom of the filler plug. The inspection tool: 6 mm-diameter L shaped bar (e.g. 6 mm-diameter angled hexagon wrench).~~
~~2. Pull out the wrench, and then check that the dimension to the gear oil level is within 24 mm.~~

Attached sheet 20(5/6)

Specified gear oil <Vehicles without mechanical LSD>:
Gear oil API classification GL-5 or higher SAE 80W

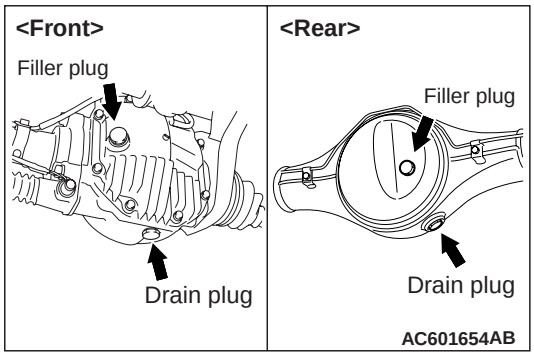
Specified gear oil <Vehicles with mechanical LSD>:
DIA QUEEN LSD gear oil or CASTROL HYPOY LS (Gear oil API classification GL-5 SAE 90)

3. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL

M6020301100680

Front differential



1. Remove the under cover and filler pug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 65 ± 5 N·m
4. Add the oil until the level comes to the lower portion of the filter plug hole.
   Specified gear oil:
   Gear oil API classification GL-5 or higher SAE 80W
   Amount to use: 1.2L
5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

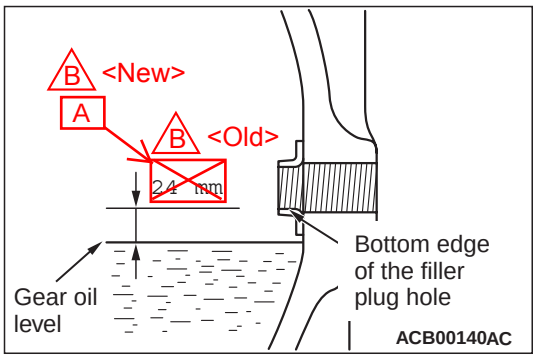
Rear differential
<Up to September>

1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 60 ± 10 N·m
4. Add the oil until the level comes to the lower portion of the filler plug hole.
   Specified gear oil <Vehicles without Mechanical LSD>:
   Gear oil API classification GL-5 or higher SAE 80W
   Specified gear oil <Vehicles with Mechanical LSD>:
   DIA QUEEN LSD gear oil or CASTROL HYPOY LS (Gear oil API classification GL-5 SAE 90)
   Amount to use:
   1.5 L <2WD (except High rider)>
   1.8 L <2WD (High rider)-2400, 4WD-2400, 4WD-2500-SOHC, 4WD-2800>
   2.6 L <2WD (High rider)-2500, 4WD-2500-DOHC (Except high power engine-M/T)>
   3.2 L <4WD-2500-DOHC (High power engine-M/T), 4WD-3200, 3500>
5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

B <Added>
Insert the attached sheet 35-C

<From October>

1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 60 ± 10 N·m



4. Refill the gear oil until the level satisfies the specification.
   Specified gear oil <Vehicles without Mechanical LSD>:
   Gear oil API classification GL-5 or higher SAE 80W
   Specified gear oil <Vehicles with Mechanical LSD>:
   DIA QUEEN LSD gear oil or CASTROL HYPOY LS (Gear oil API classification GL-5 SAE 90)
   Amount to use:
   1.5 L <2WD (except High rider)>
   1.8 L <2WD (High rider)-2400, 4WD-2400, 4WD-2500-SOHC, 4WD-2800>
   2.1 L <2WD (High rider)-2500, 4WD-2500-DOHC (Except high power engine-M/T)>

2.1 L <4WD-2500-DOHC (High power engine-M/T), 4WD-3200, 3500>

5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

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

M6020302700027

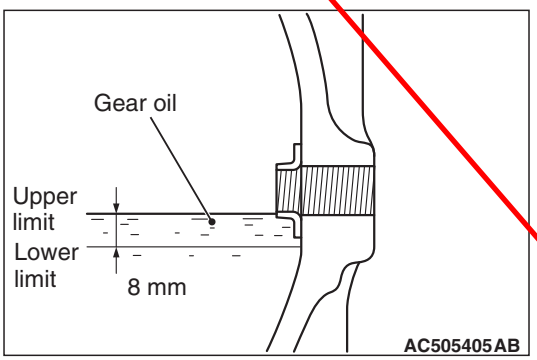
CHECK OIL LEAKAGE

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

NOTE: If an oil leakage is not detected, the oil level check is necessary.

CHECK OIL LEVEL <FRONT DIFFERENTIAL>

1. Remove the under cover and filler plug.

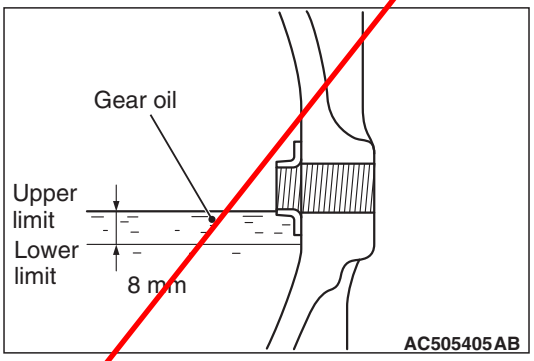


2. Check that the gear oil level is not 8mm below the bottom of the filler plug hole.
3. If the gear oil level is not between the upper and lower limit, add the specified gear oil below the bottom of filler plug hole.
4. Tighten the filler plug to the specified torque.

   Tightening torque: 50 ± 10 N·m

<REAR DIFFERENTIAL>

1. Remove the filler plug.

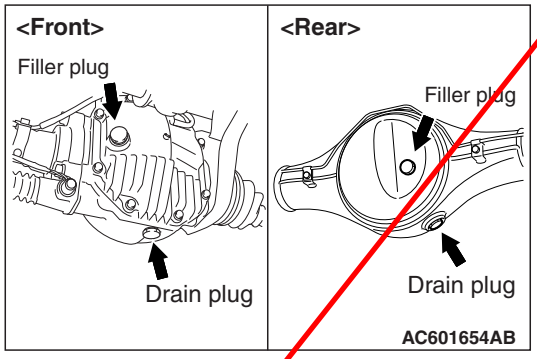


2. Check that the gear oil level is not 8mm below the bottom of the filler plug hole.
3. If the gear oil level is not between the upper and lower limit, add the specified gear oil below the bottom of filler plug hole.
4. Tighten the filler plug to the specified torque.

   Tightening torque: 50 ± 10 N·m

B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL

M6020301100624



<Front differential>

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

   Tightening torque: 65 ± 5 N·m

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

   Specified gear oil:
   Gear oil API classification GL-5 or higher
   SAE 80W
   Quantity: 1.2L

5. Tighten the filler plug to the specified torque.

   Tightening torque: 50 ± 10 N·m

<Rear differential>

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

   Tightening torque: 60 ± 10 N·m

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

   Specified gear oil :
   Gear oil API classification GL-5 or higher
   SAE 80W
   Quantity:
   <4G64> 1.8L
   <4D56-DOHC>
   - **2WD 2.6L**
   - **4WD A/T 2.6L**
   - **4WD M/T 3.2L**

5. Tighten the filler plug to the specified torque.

   Tightening torque: 50 ± 10 N·m

Insert the attached sheet 21(2/3-3/3)

Attached sheet 21(2/3)

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

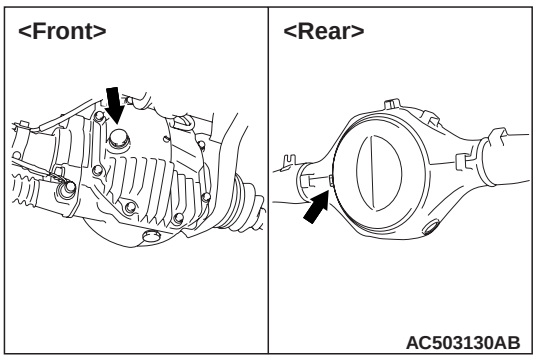
M6020301000489

CHECK OIL LEAKAGE

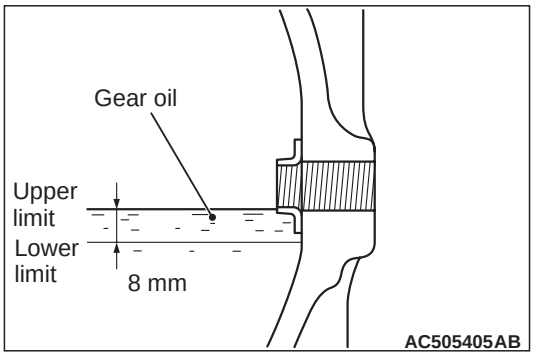
Check the area around the differential for oil leakage visually or by touching it with hand.

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:
   Gear oil API classification GL-5 or higher
   SAE 80W

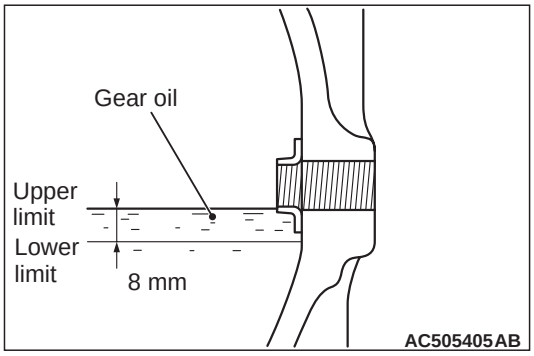
4. Tighten the filler plug to the specified torque.

   Tightening torque: 50 ± 10 N·m

B <New>

Insert the attached sheet 35-A

REAR DIFFERENTIAL
<Up to September>



1. Check that gear oil level is not 8 mm below the bottom of filler plug hole.
2. 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:
   Gear oil API classification GL-5 or higher
   SAE 80W

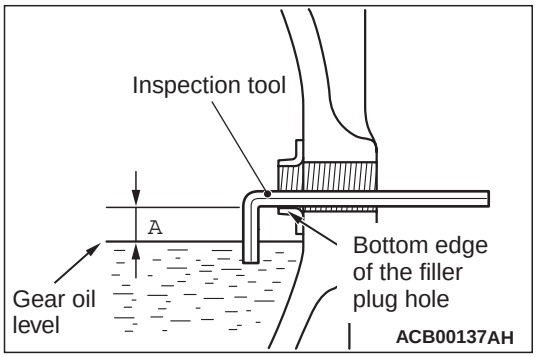
3. Tighten the filler plug to the specified torque.

   Tightening torque: 50 ± 10 N·m

<From October>

⚠ CAUTION

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



B <Old>

~~1. Insert an inspection tool as shown so that it touches the bottom of the filler plug. The inspection tool: 6 mm-diameter L shaped bar (e.g. 6 mm-diameter angled hexagon wrench).~~
~~2. Pull out the wrench, and then check that the dimension to the gear oil level is within 24 mm.~~

   Specified gear oil:
   Gear oil API classification GL-5 or higher
   SAE 80W

3. Tighten the filler plug to the specified torque.

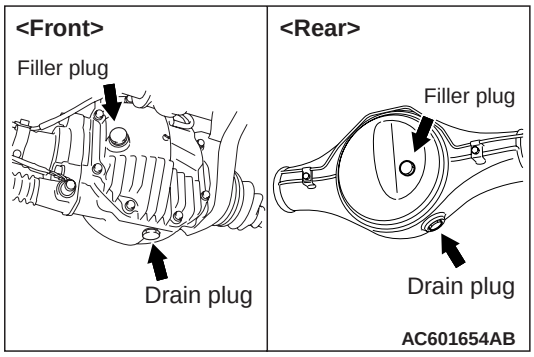
   Tightening torque: 50 ± 10 N·m

Attached sheet 21(3/3)

B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL

M6020301100691

Front differential



1. Remove the under cover and filler pug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 65 ± 5 N·m
4. Add the oil until the level comes to the lower portion of the filter plug hole.
   Specified gear oil:
   Gear oil API classification GL-5 or higher SAE 80W
   Amount to use: 1.2L
5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

Rear differential

<Up to September>

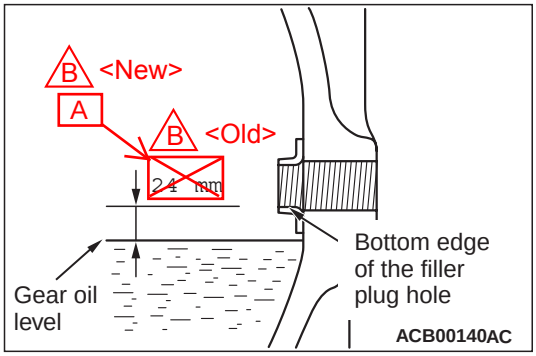
1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 60 ± 10 N·m
4. Add the oil until the level comes to the lower portion of the filler plug hole.
   Specified gear oil:
   Gear oil API classification GL-5 or higher SAE 80W
   Amount to use: 1.8 L <2400>, 2.6 L <2500 except 4WD M/T>, 3.2 L <2500 4WD M/T>
5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

B <Added>

Insert the attached sheet 35-C

<From October>

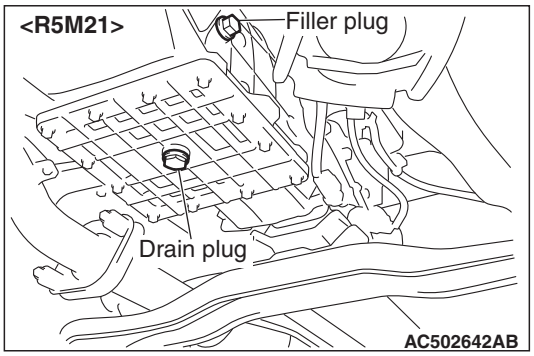
1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 60 ± 10 N·m

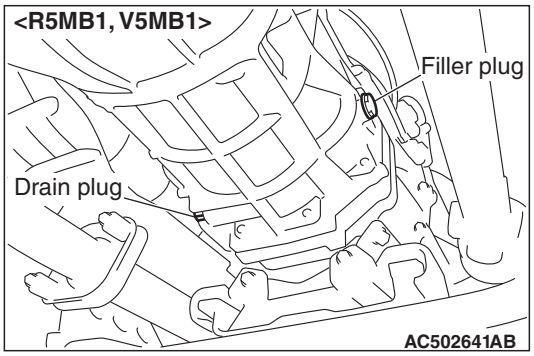


4. Refill the gear oil until the level satisfies the specification.
   Specified gear oil:
   Gear oil API classification GL-5 or higher SAE 80W
   Amount to use: 1.8 L <2400>, 2.1 L <2500 >
5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

B8. CHANGE GEAR OIL IN MANUAL TRANSMISSION

M6020300800567





1. Remove oil filler plug and oil drain plug.
2. Drain the gear oil.
3. Before installing the plug, remove iron powder attached to the magnet of the drain plug. Tighten the oil drain plug to the specified torque.

   Tightening torque:
   <R5M21> 32 ± 2 N·m
   <R5MB1, V5MB1> 37 ± 11 N·m
4. Fill the transmission fresh oil by using a lubricator.
5. Fill with specified oil till the level comes to the lower portion of oil filler plug hole.

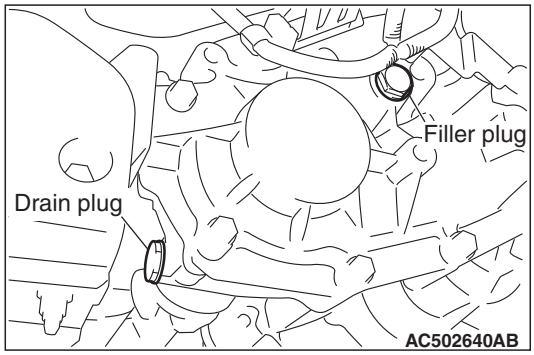
   Specified transmission oil: Gear oil API classification GL-3 SAE 75W–85 <R5M21, R5MB1, V5MB1> or API classification GL-4 SAE 75W-85< R5M21>
   Quantity:
   <R5M21, R5MB1>2.3L
   <V5MB1>3.4L
6. Tighten the oil filler plug to the specified torque.

   Tightening torque:
   <R5M21> 32 ± 2 N·m
   <R5MB1, V5MB1> 37 ± 11 N·m

Insert the attached sheet 22(3/4-4/4)

B9. CHANGE GEAR OIL IN TRANSFER

M6020300900445



1. Remove oil filler plug and oil drain plug.
2. Drain the gear oil.
3. Before installing the plug, remove iron powder attached to the magnet of the drain plug. Tighten the oil drain plug to the specified torque.

   Tightening torque: 32 ± 2 N·m
4. Fill the transfer case fresh oil by using a lubricator.
5. Fill with specified oil till the level comes to the lower portion of oil filler plug hole.

   Specified transfer oil: Gear oil API classification GL-3 SAE 75W-85 or API classification GL-4 SAE 75W-85
   Quantity: 2.5 L
6. Tighten the oil filler plug to the specified torque.

   Tightening torque: 32 ± 2 N·m

B10. CHECK FRONT AND REAR DIFFERENTIAL FOR OIL LEAKAGE (In case of leakage, check the oil level)

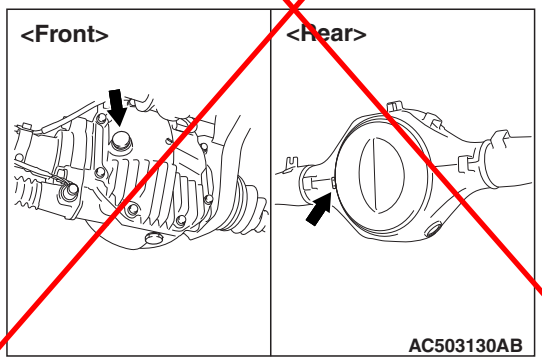
M6020301000445

Check oil leakage

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

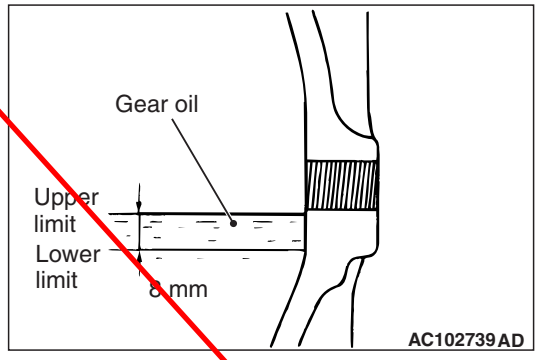
NOTE: If an oil leakage is not detected, the oil level check is necessary.

Check oil level



1. Remove the filler plug.

Attached sheet 22(2/4)

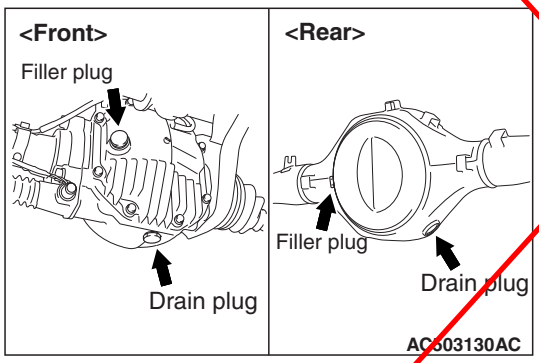


2. Check that the gear oil level is not 8mm below the bottom of the filler plug hole.
3. Fit the filler plug and tighten it to the specified torque.

Tightening torque: 50 ± 10 N·m

B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL

M6020301100668



FRONT DIFFERENTIAL

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

Tightening torque: 65 ± 5 N·m

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

Specified gear oil:
Hypoid gear oil API classification GL-5 or higher
SAE 80W
Quantity: 1.2L

5. Tighten the filler plug to the specified torque.

Tightening torque: 50 ± 10 N·m

REAR DIFFERENTIAL

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

Tightening torque: 60 ± 10 N·m

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

Specified gear oil:
Hypoid gear oil API classification GL-5 or higher
SAE 80W
Quantity:
<4G6 High Rider> 1.8L
<4G6 except High Rider> 1.5L
<4D5 Without intercooler> 1.5L
<4D5 With intercooler (except High Power, M/T)> 2.6L
<4D5 With intercooler (High Power, M/T)> 3.2L
<4M4, A/T> 2.6L
<4M4, M/T> 3.2L

5. Tighten the filler plug to the specified torque.

Tightening torque: 50 ± 10 N·m

B12. CHECK EXHAUST PIPE CONNECTIONS FOR GAS LEAKAGE, AND CHECK PIPE INSTALLATION

M6020301200096

1. Confirm that the exhaust pipe does not interfere with any body components.
2. Check the exhaust pipe for damage by stones, etc.
3. Start the engine and check for gas leaks from the exhaust pipe connections.

Insert the attached sheet 22(3/4-4/4)

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

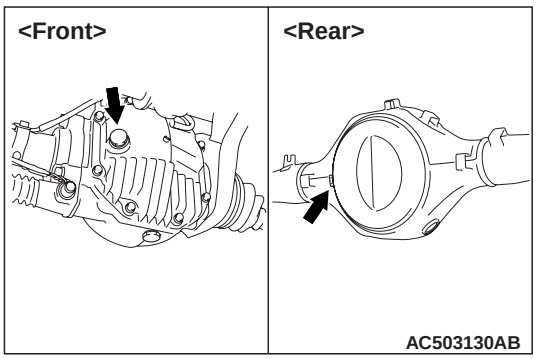
M6020301000489

CHECK OIL LEAKAGE

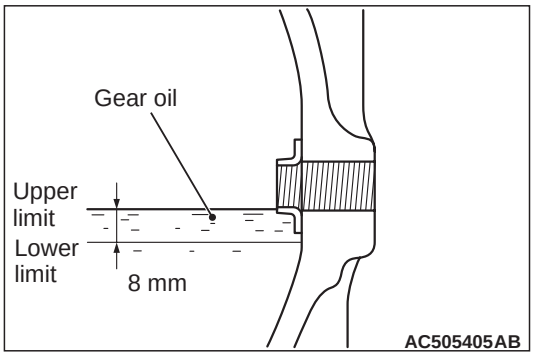
Check the area around the differential for oil leakage visually or by touching it with hand.

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:
   Gear oil API classification GL-5 or higher
   SAE 80W

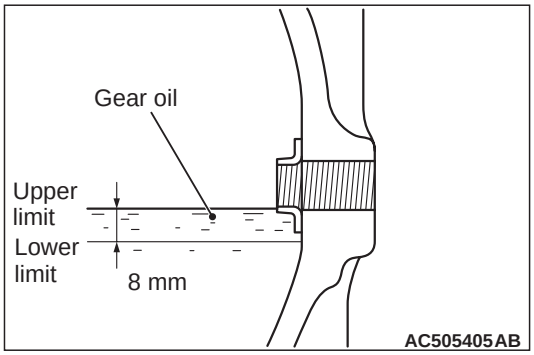
4. Tighten the filler plug to the specified torque.

   Tightening torque: 50 ± 10 N·m

B <New>

Insert the attached sheet 35-A

REAR DIFFERENTIAL
<Up to September>



1. Check that gear oil level is not 8 mm below the bottom of filler plug hole.
2. 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.

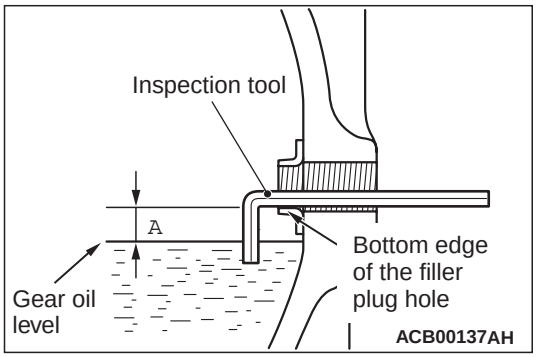
   Specified gear oil:
   Gear oil API classification GL-5 or higher
   SAE 80W

3. Tighten the filler plug to the specified torque.

   Tightening torque: 50 ± 10 N·m

<From October>

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



B <Old>

1. ~~Insert an inspection tool as shown so that it touches the bottom of the filler plug. The inspection tool: 6 mm-diameter L shaped bar (e.g. 6 mm-diameter angled hexagon wrench).~~
2. ~~Pull out the wrench, and then check that the dimension to the gear oil level is within 24 mm.~~

   Specified gear oil:
   Gear oil API classification GL-5 or higher
   SAE 80W

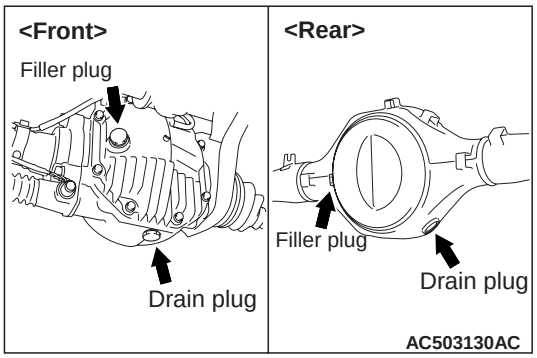
3. Tighten the filler plug to the specified torque.

   Tightening torque: 50 ± 10 N·m

B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL

M6020301100709

FRONT DIFFERENTIAL



1. Remove the under cover and filler pug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 65 ± 5 N·m
4. Add the oil until the level comes to the lower portion of the filter plug hole.
   Specified gear oil:
   Gear oil API classification GL-5 or higher SAE 80W
   Amount to use: 1.2L
5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

REAR DIFFERENTIAL

<Up to September>

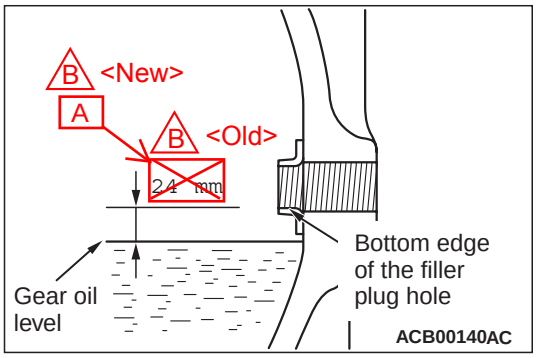
1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 60 ± 10 N·m
4. Add the oil until the level comes to the lower portion of the filler plug hole.
   Specified gear oil:
   Gear oil API classification GL-5 or higher SAE 80W
   Amount to use:
   1.5 L <2WD (except High Rider)>
   1.8 L <2WD (High Rider)-2400>
   2.6 L <2WD (High Rider)-2500, 4WD-2500>
   3.2 L <4WD-3200>
5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

B <Added>

Insert the attached sheet 35-C

<From October>

1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 60 ± 10 N·m

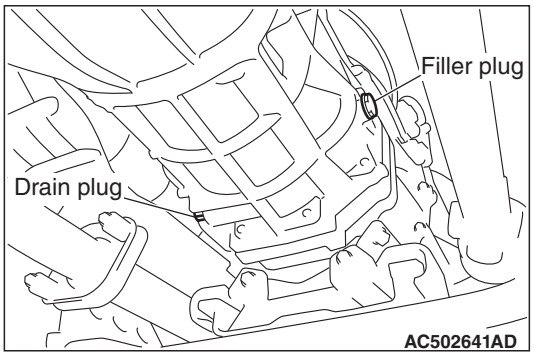


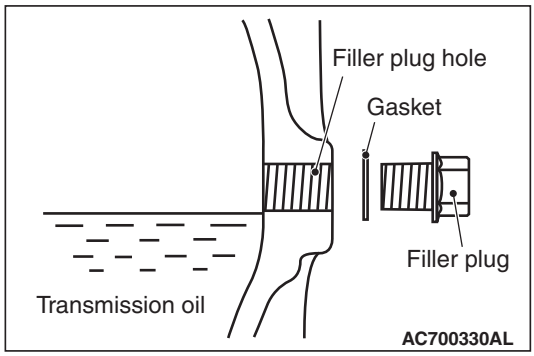
4. Refill the gear oil until the level satisfies the specification.
   Specified gear oil:
   Gear oil API classification GL-5 or higher SAE 80W
   Amount to use:
   1.5 L <2WD (except High Rider)>
   1.8 L <2WD (High Rider)-2400>
   2.1 L <2WD (High Rider)-2500, 4WD-2500>
   2.1 L <4WD-3200>
5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

Attached sheet 23(1/4)

B8. CHANGE GEAR OIL IN MANUAL TRANSMISSION

M6020300800835

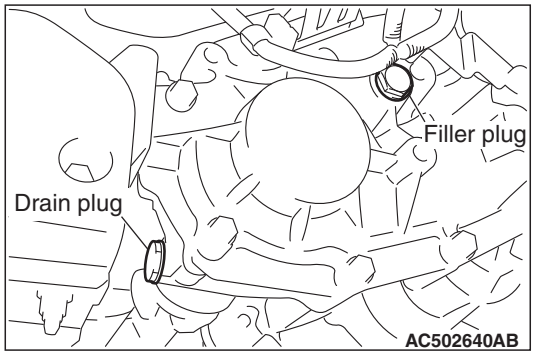


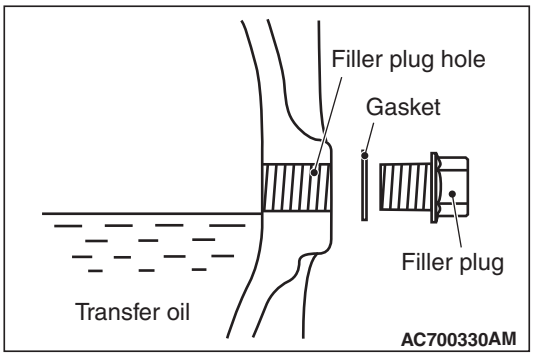


1. Remove the filler plug and gasket.
2. Remove the drain plug and gasket, and then drain the oil.
3. Install the drain plug and new gasket, then tighten them to the specified torque.
   Tightening torque: 37 ± 11 N·m
4. Fill with specified oil till the level comes to the lower portion of oil filler plug hole.
   Specified transmission oil:
   Gear oil API classification GL-3 SAE 75W–85
   Quantity: 3.4 L <V5MB1>, 2.3L <R5MB1>
5. Install the filler plug and new gasket, then tighten them to the specified torque.
   Tightening torque: 37 ± 11 N·m

B9. CHANGE GEAR OIL IN TRANSFER

M6020302600161





1. Remove the filler plug and gasket.
2. Remove the drain plug and gasket, and then drain the oil.
3. Install the drain plug and new gasket, then tighten them to the specified torque.
   Tightening torque: 32 ± 2 N·m
4. Fill with specified oil till the level comes to the lower portion of oil filler plug hole.
   Specified transfer oil:
   Gear oil API classification GL-3/GL-4 SAE 75W–85
   Quantity: 2.5 L
5. Install the filler plug and new gasket, then tighten them to the specified torque.
   Tightening torque: 32 ± 2 N·m

B10. CHECK FRONT AND REAR DIFFERENTIAL FOR OIL LEAKAGE (In case of leakage, check the oil level)

M6020302700102

Check oil leakage

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

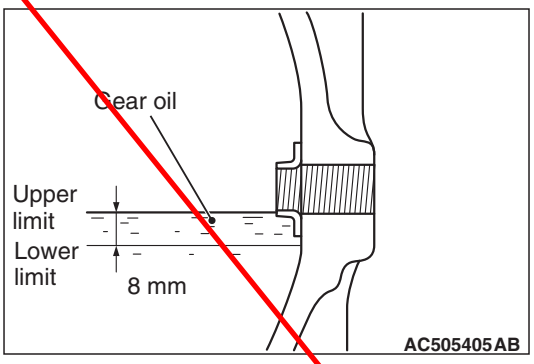
NOTE: If an oil leakage is not detected, the oil level check is necessary.

Insert the attached sheet 23(3/4-4/4)

Check oil level

<Front differential>

1. Remove the filler plug.

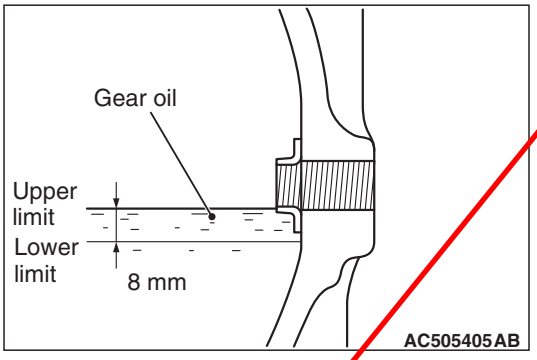


2. Check that the gear oil level is not 8mm below the bottom of the filler plug hole.
3. If the gear oil level is not between the upper and lower limit, add the specified gear oil below the bottom of filler plug hole.
4. Tighten the filler plug to the specified torque.

Tightening torque: 50 ± 10 N·m

<Rear differential>

1. Remove the filler plug.

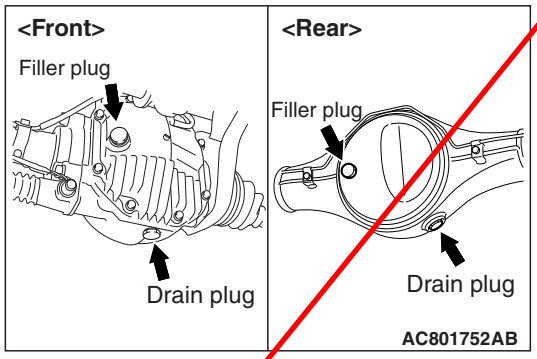


2. Check that the gear oil level is not 8mm below the bottom of the filler plug hole.
3. If the gear oil level is not between the upper and lower limit, add the specified gear oil below the bottom of filler plug hole.
4. Tighten the filler plug to the specified torque.

Tightening torque: 50 ± 10 N·m

B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL

M6020301100602



<Front differential>

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

Tightening torque: 65 ± 5 N·m

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

Specified gear oil:
Gear oil API classification GL-5 or higher
Above 10°C SAE 90
Below 10°C SAE 80W
Quantity: 1.2 L

5. Tighten the filler plug to the specified torque.

Tightening torque: 50 ± 10 N·m

<Rear differential>

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

Tightening torque: 60 ± 10 N·m

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

Specified gear oil:
Gear oil API classification GL-5 or higher
Above 10°C SAE 90
Below 10°C SAE 80W
Quantity:
<2500-M/T (except vehicles with high power engine), 2500-A/T, 3000, 3200-A/T, 3500-A/T > 2.6 L
<2500-M/T (vehicles with high power engine), 3200-M/T, 3500-M/T> 3.2 L

5. Tighten the filler plug to the specified torque.

Tightening torque: 50 ± 10 N·m

Insert the attached sheet 23(3/4-4/4)

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

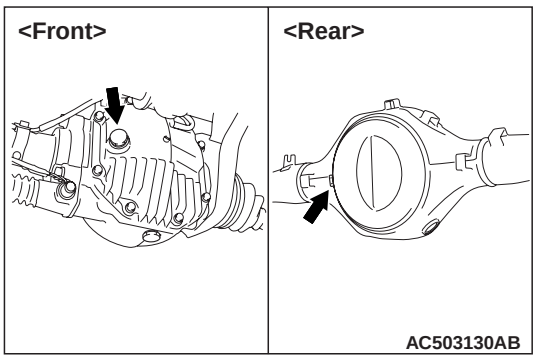
M6020301000489

CHECK OIL LEAKAGE

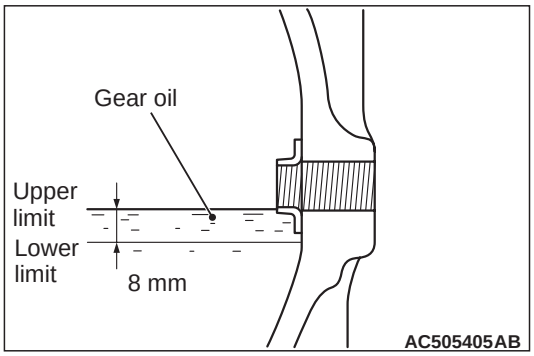
Check the area around the differential for oil leakage visually or by touching it with hand.

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:
   Gear oil API classification GL-5 or higher
   SAE 80W

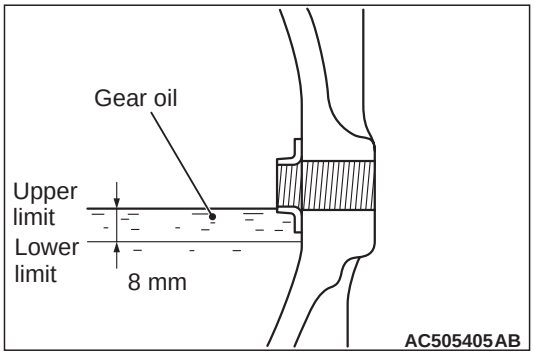
4. Tighten the filler plug to the specified torque.

   Tightening torque: 50 ± 10 N·m

B <New>

Insert the attached sheet 35-B

REAR DIFFERENTIAL
<Up to September>



1. Check that gear oil level is not 8 mm below the bottom of filler plug hole.
2. 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.

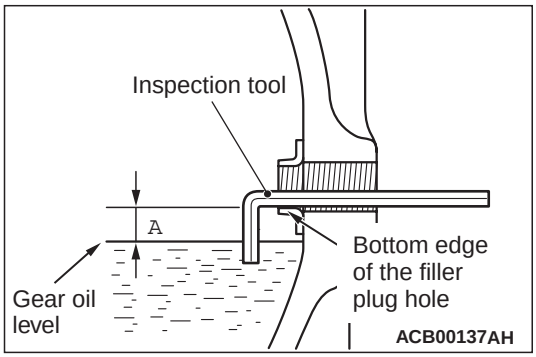
   Specified gear oil:
   Gear oil API classification GL-5 or higher
   SAE 80W

3. Tighten the filler plug to the specified torque.

   Tightening torque: 50 ± 10 N·m

<From October>

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



B <Old>

~~1. Insert an inspection tool as shown so that it touches the bottom of the filler plug. The inspection tool: 6 mm-diameter L shaped bar (e.g. 6 mm-diameter angled hexagon wrench).~~
~~2. Pull out the wrench, and then check that the dimension to the gear oil level is within 24 mm.~~

Specified gear oil:
Gear oil API classification GL-5 or higher
SAE 80W

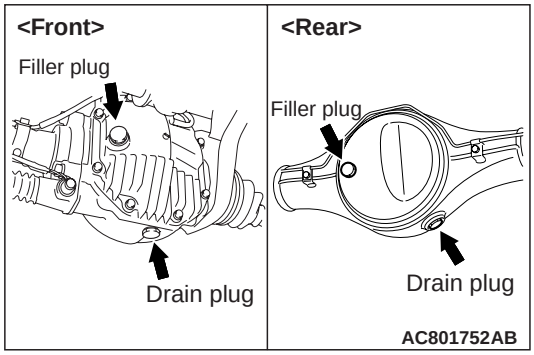
3. Tighten the filler plug to the specified torque.

   Tightening torque: 50 ± 10 N·m

B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL

M6020301100710

Front differential



1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 65 ± 5 N·m
4. Add the oil until the level comes to the lower portion of the filter plug hole.
   Specified gear oil:
   Gear oil API classification GL-5 or higher
   SAE 80W
   Amount to use: 1.2 L
5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

Rear differential

<Up to September>

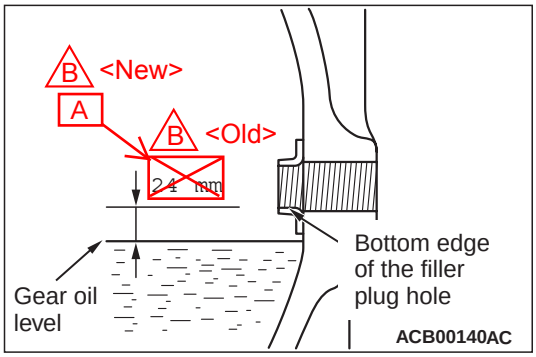
1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 60 ± 10 N·m
4. Add the oil until the level comes to the lower portion of the filler plug hole.
   Specified gear oil:
   Gear oil API classification GL-5 or higher
   SAE 80W
   Amount to use:
   2.6 L <2WD, 4WD {2500-M/T (KH4WGNMZL/R), 2500-A/T, 3000, 3500-A/T}>,
   3.2 L <4WD {2500-M/T (Except KH4WGNMZL/R), 3500-M/T}>
5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

B <Added>

<From October>

Insert the attached sheet 35-D

1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 60 ± 10 N·m



4. Refill the gear oil until the level satisfies the specification.
   Specified gear oil:
   Gear oil API classification GL-5 or higher
   SAE 80W
   Amount to use: 2.1 L
5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

B <Added>

Attached sheet 24

LUBRICANT

Item	Specified lubricant			Quantity
Rear differential gear oil	Gear oil API classification GL-5 or higher SAE 80W	2WD	except High rider	1.5 L
			High rider	2.6 L <Up to September> 2.1 L <From October>
		4WD	5A/T or except vehicles with High power engine	2.6 L <Up to September> 2.1 L <From October>
			Vehicles with High power engine except 5A/T	3.2 L <Up to September> 2.1 L <From October>

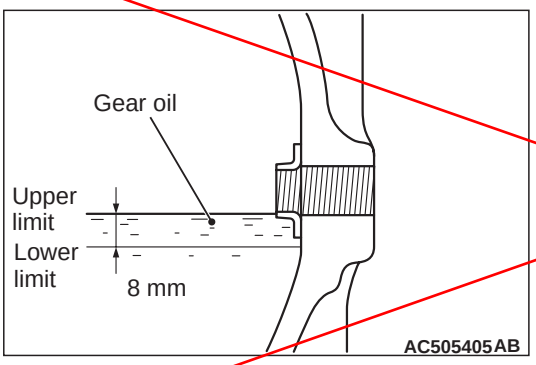
<Incorrect>

2.1 L
<Correct>

<Deleted>

GEAR OIL LEVEL CHECK

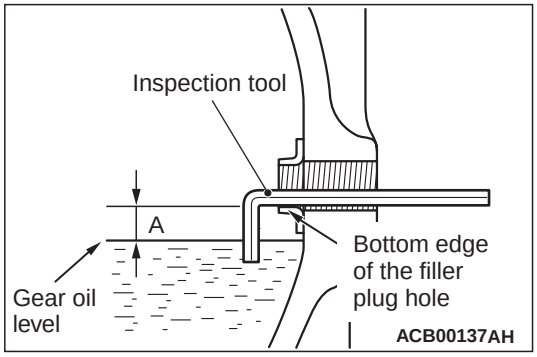
<Up to September>



1. Check that gear oil level is not 8 mm below the bottom of filler plug hole.
2. 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:
   Gear oil API classification GL-5 or higher SAE 80W
3. Tighten the filler plug to the specified torque (Refer to).

<From October>

⚠ 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: 6 mm-diameter L shaped bar (e.g. 6 mm-diameter angled hexagon wrench).
2. Pull out the wrench, and then check that the dimension to the gear oil level is within 24 mm.

<Old>
Specified gear oil:
Gear oil API classification GL-5 or higher SAE 80W

3. Tighten the filler plug to the specified torque (Refer to).

Insert the attached sheet 35-A

<New>

GEAR OIL REPLACEMENT

<Up to September>

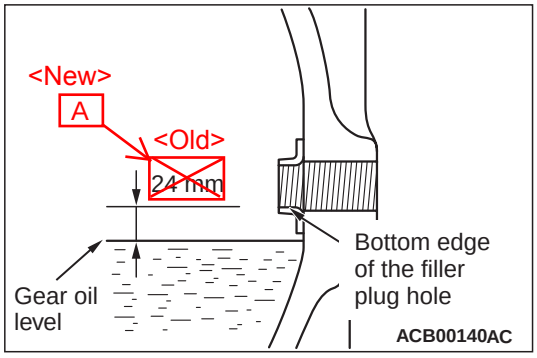
1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque (Refer to).
4. Add the oil until the level comes to the lower portion of the filler plug hole.

   Specified gear oil:
   Gear oil API classification GL-5 or higher SAE 80W
   Amount to use:
   1.5 L <2WD (except High rider)>
   2.6 L <2WD (High rider), 4WD (5A/T or except vehicles with High power engine)>
   3.2 L <Vehicles with High power engine except 5A/T>
5. Tighten the filler plug to the specified torque (Refer to).

<From October>

1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque (Refer to).
4. Refill the gear oil until the level satisfies the specification.

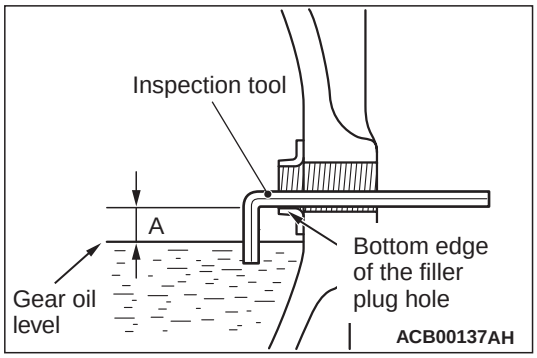
   Specified gear oil:
   Gear oil API classification GL-5 or higher SAE 80W
   Amount to use:
   1.5 L <2WD (except High rider)>
   2.1 L <2WD (High rider), 4WD (5A/T or except vehicles with High power engine)>
   2.1 L <Vehicles with High power engine except 5A/T>
5. Tighten the filler plug to the specified torque (Refer to).



Insert the attached sheet 35-C

<Added>

GEAR OIL LEVEL CHECK



CAUTION

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

<Old>

1. Insert an inspection tool as shown so that it touches the bottom of the filler plug. The inspection tool: 6 mm-diameter L shaped bar (e.g. 6 mm-diameter angled hexagon wrench).
2. Pull out the wrench, and then check that the dimension to the gear oil level is within 24 mm.

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

3. Tighten the filler plug to the specified torque.

   Tightening torque: 50 ± 10 N·m

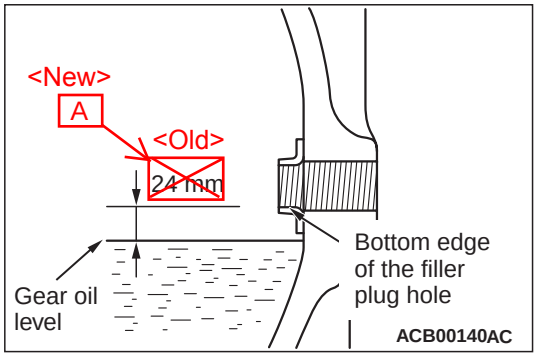
Insert the attached sheet 35-A

<New>

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: 60 ± 10 N·m



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

   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

5. Tighten the filler plug to the specified torque.

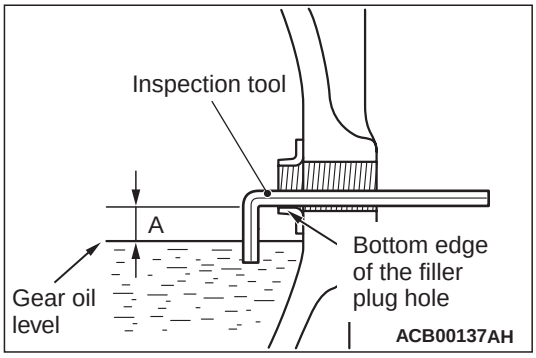
   Tightening torque: 50 ± 10 N·m

Insert the attached sheet 35-C
<Added>

<New>
Insert the attached sheet 35-A

REAR DIFFERENTIAL

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



<Old>
~~1. Insert an inspection tool as shown so that it touches the bottom of the filler plug. The inspection tool: 6 mm-diameter L shaped bar (e.g. 6 mm-diameter angled hexagon wrench).~~
~~2. Pull out the wrench, and then check that the dimension to the gear oil level is within 24 mm.~~

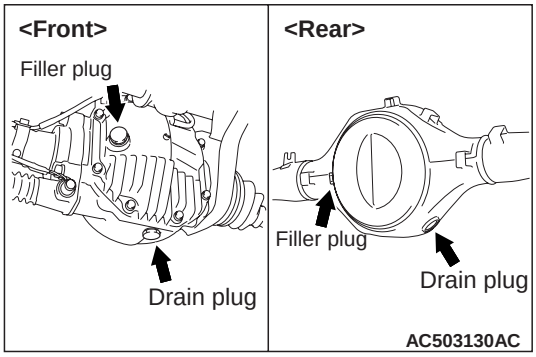
Specified gear oil:
Gear oil API classification GL-5 or higher
SAE 80W

3. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL

M6020301100721

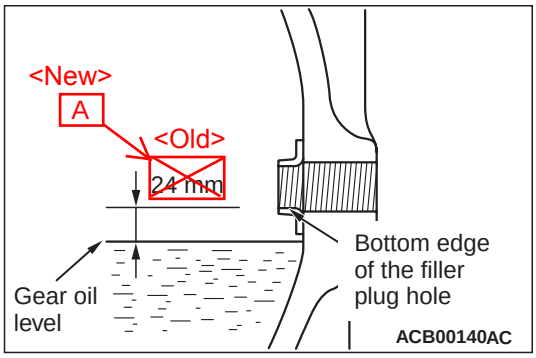
FRONT DIFFERENTIAL



1. Remove the under cover and filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 65 ± 5 N·m
4. Add the oil until the level comes to the lower portion of the filter plug hole.
   Specified gear oil:
   Gear oil API classification GL-5 or higher
   SAE 80W
   Amount to use: 1.2L
5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

REAR DIFFERENTIAL

1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 60 ± 10 N·m



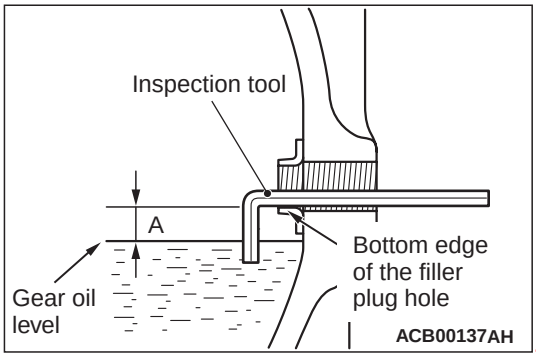
4. Refill the gear oil until the level satisfies the specification.
   Specified gear oil:
   Gear oil API classification GL-5 or higher SAE 80W
   Amount to use:
   1.5 L <2WD (except High rider)>
   2.1 L <2WD (High rider), 4WD (5A/T or except vehicles with High power engine)>
   2.1 L <Vehicles with High power engine except 5A/T>
5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

Insert the attached sheet 35-C
<Added>

<New>
Insert the attached sheet 35-A

REAR DIFFERENTIAL

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



<Old>
1. Insert an inspection tool as shown so that it touches the bottom of the filler plug. The inspection tool: 6 mm-diameter L shaped bar (e.g. 6 mm-diameter angled hexagon wrench).
2. Pull out the wrench, and then check that the dimension to the gear oil level is within 24 mm.

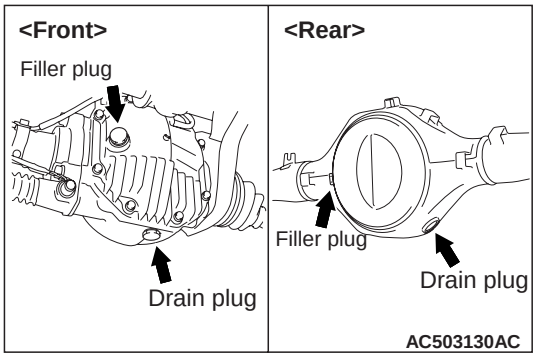
Specified gear oil:
MITSUBISHI MOTORS GENUINE Super Hypoid Gear oil API classification GL-5 SAE 80 or 90

3. Tighten the filler plug to the specified torque.
Tightening torque: 50 ± 10 N·m

B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL

M6020301100765

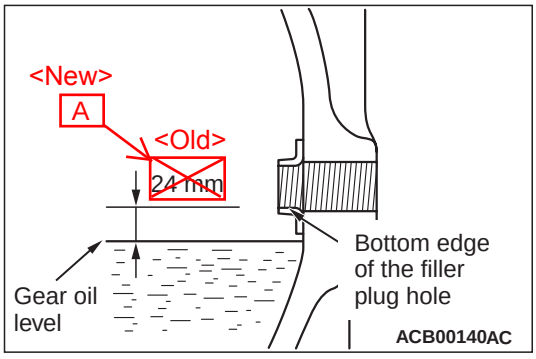
FRONT DIFFERENTIAL



1. Remove the under cover and filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
Tightening torque: 65 ± 5 N·m
4. 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
5. Tighten the filler plug to the specified torque.
Tightening torque: 50 ± 10 N·m

REAR DIFFERENTIAL

1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
Tightening torque: 60 ± 10 N·m



4. Refill the gear oil until the level satisfies the specification.
Specified gear oil:
MITSUBISHI MOTORS GENUINE Super Hypoid Gear oil API classification GL-5 SAE 80 or SAE 90
Amount to use:
1.5 L <Except high power engine (2WD with 15 inch tyres)>
2.1 L <Except high power engine (2WD with 16 inch tyres, 4WD)>
2.1 L <High power engine>
5. Tighten the filler plug to the specified torque.
Tightening torque: 50 ± 10 N·m

Insert the attached sheet 35-C
<Added>

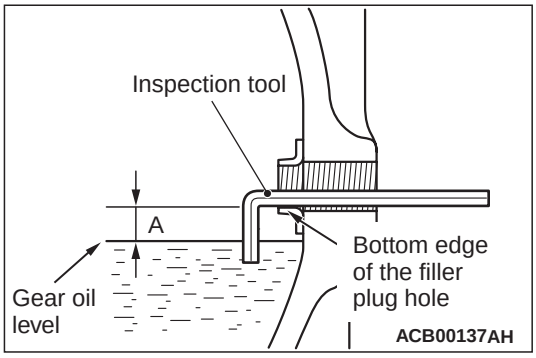
<New>

Insert the attached sheet 35-A

REAR DIFFERENTIAL

⚠ CAUTION

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



<Old>

1. Insert an inspection tool as shown so that it touches the bottom of the filler plug. The inspection tool: 6 mm-diameter L shaped bar (e.g. 6 mm-diameter angled hexagon wrench).
2. Pull out the wrench, and then check that the dimension to the gear oil level is within 24 mm.

Specified gear oil <Vehicles without mechanical LSD>:
Gear oil API classification GL-5 or higher SAE 80W

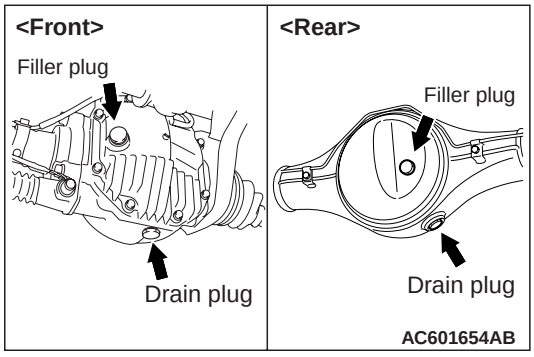
Specified gear oil <Vehicles with mechanical LSD>:
DIA QUEEN LSD gear oil or CASTROL HYPOY LS (Gear oil API classification GL-5 SAE 90)

3. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL

M6020301100680

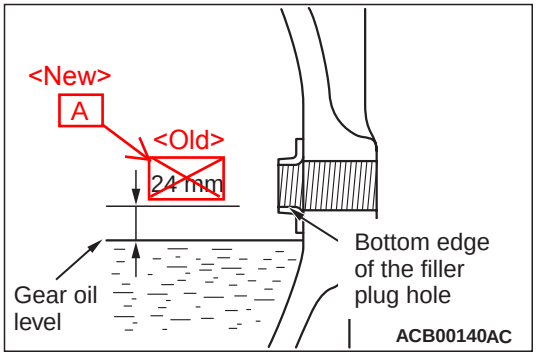
Front differential



1. Remove the under cover and filler pug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 65 ± 5 N·m
4. Add the oil until the level comes to the lower portion of the filter plug hole.
   Specified gear oil:
   Gear oil API classification GL-5 or higher SAE 80W
   Amount to use: 1.2L
5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

Rear differential

1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 60 ± 10 N·m



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

Specified gear oil <Vehicles without Mechanical LSD>:
Gear oil API classification GL-5 or higher SAE 80W

Specified gear oil <Vehicles with Mechanical LSD>:
DIA QUEEN LSD gear oil or CASTROL HYPOY LS (Gear oil API classification GL-5 SAE 90)
Amount to use:
1.5 L <2WD (except High rider)>
1.8 L <2WD (High rider)-2400, 4WD-2400, 4WD-2500-SOHC, 4WD-2800>
2.1 L <2WD (High rider)-2500, 4WD-2500-DOHC (Except high power engine-M/T)>
2.1 L <4WD-2500-DOHC (High power engine-M/T), 4WD-3200, 3500>

5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

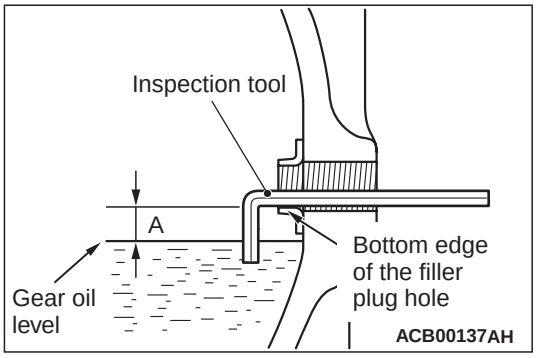
Insert the attached sheet 35-C

<Added>

<New>
Insert the attached sheet 35-A

REAR DIFFERENTIAL

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



<Old>
~~1. Insert an inspection tool as shown so that it touches the bottom of the filler plug. The inspection tool: 6 mm-diameter L shaped bar (e.g. 6 mm-diameter angled hexagon wrench).~~
~~2. Pull out the wrench, and then check that the dimension to the gear oil level is within 24 mm.~~

Specified gear oil <Vehicles without mechanical LSD>:
MITSUBISHI MOTORS GENUINE Super Hypoid Gear Oil API classification GL-5 SAE 80 or SAE 90

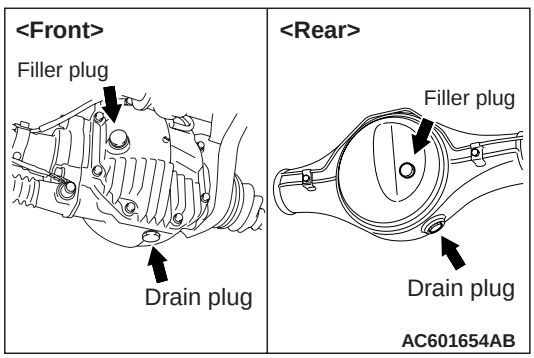
Specified gear oil <Vehicles with mechanical LSD>:
MITSUBISHI MOTORS GENUINE LSD gear oil CASTROL HYPOY LS (MITSUBISHI MOTORS GENUINE Super Gear Oil API classification GL-5 SAE 90

3. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL

M6020301100754

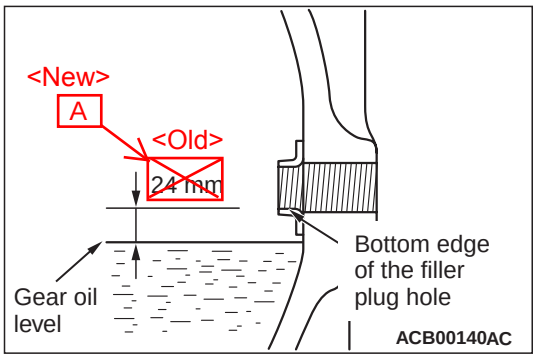
Front differential



1. Remove the under cover and filler pug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 65 ± 5 N·m
4. 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 SAE 90
   Amount to use: 1.2L
5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

Rear differential

1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 60 ± 10 N·m



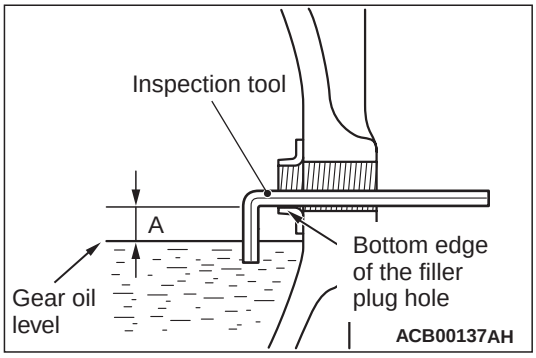
4. Refill the gear oil until the level satisfies the specification.
   Specified gear oil <Vehicles without mechanical LSD>: MITSUBISHI MOTORS GENUINE Super Hypoid Gear Oil API classification GL-5 SAE 80 or SAE 90
   Specified gear oil <Vehicles with mechanical LSD>: MITSUBISHI MOTORS GENUINE LSD gear oil CASTROL HYPOY LS (MITSUBISHI MOTORS GENUINE Super Gear Oil API classification GL-5 SAE 90
   Amount to use:
   - **1.5 L <2WD (except High rider)>**
   - **1.8 L <2WD (High rider)-2400, 4WD-2400, 4WD-2500-SOHC, 4WD-2800>**
   - **2.1 L <2WD (High rider)-2500, 4WD-2500-DOHC (Except high power engine-M/T)>**
   - **2.1 L <4WD-2500-DOHC (High power engine-M/T), 4WD-3200, 3500>**
5. Tighten the filler plug to the specified torque.

Insert the attached sheet 35-C
<Added>

<New>
Insert the attached sheet 35-B

REAR DIFFERENTIAL

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



<Old>
1. Insert an inspection tool as shown so that it touches the bottom of the filler plug. The inspection tool: 6 mm-diameter L shaped bar (e.g. 6 mm-diameter angled hexagon wrench).
2. Pull out the wrench, and then check that the dimension to the gear oil level is within 24 mm.

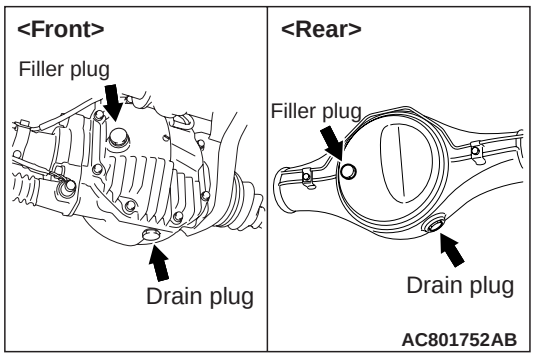
Specified gear oil:
Gear oil API classification GL-5 or higher
SAE 80W

3. Tighten the filler plug to the specified torque.
Tightening torque: 50 ± 10 N·m

B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL

M6020301100732

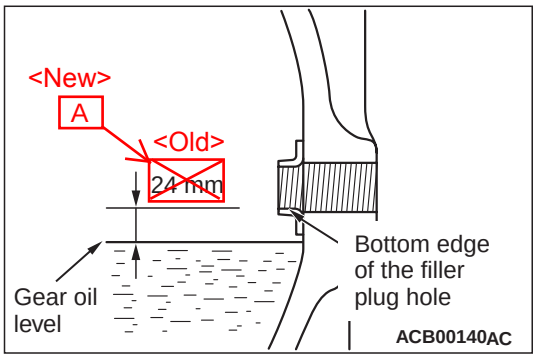
Front differential



1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
Tightening torque: 65 ± 5 N·m
4. Add the oil until the level comes to the lower portion of the filter plug hole.
Specified gear oil:
Gear oil API classification GL-5 or higher
SAE 80W
Amount to use: 1.2 L
5. Tighten the filler plug to the specified torque.
Tightening torque: 50 ± 10 N·m

Rear differential

1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
Tightening torque: 60 ± 10 N·m



4. Refill the gear oil until the level satisfies the specification.
Specified gear oil:
Gear oil API classification GL-5 or higher
SAE 80W
Amount to use: 2.1 L
5. Tighten the filler plug to the specified torque.
Tightening torque: 50 ± 10 N·m

B12. CHECK EXHAUST PIPE CONNECTIONS FOR GAS LEAKAGE, AND CHECK PIPE INSTALLATION

M6020301200535

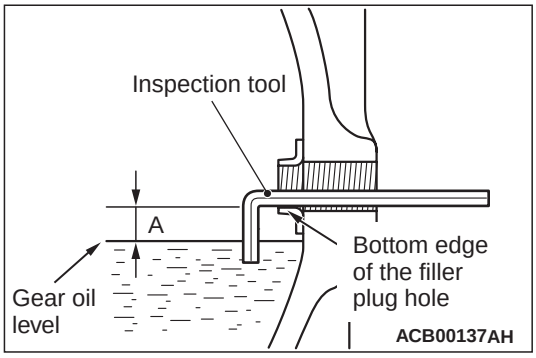
1. Confirm that the exhaust pipe does not interfere with any body components.
2. Check the exhaust pipe for damage by stones, etc.
3. Start the engine and check for gas leaks from the exhaust pipe connections.

Insert the attached sheet 35-D
<Added>

<New>
Insert the attached sheet 35-B

REAR DIFFERENTIAL

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



<Old>
~~1. Insert an inspection tool as shown so that it touches the bottom of the filler plug. The inspection tool: 6 mm-diameter L shaped bar (e.g. 6 mm-diameter angled hexagon wrench).~~
~~2. Pull out the wrench, and then check that the dimension to the gear oil level is within 24 mm.~~

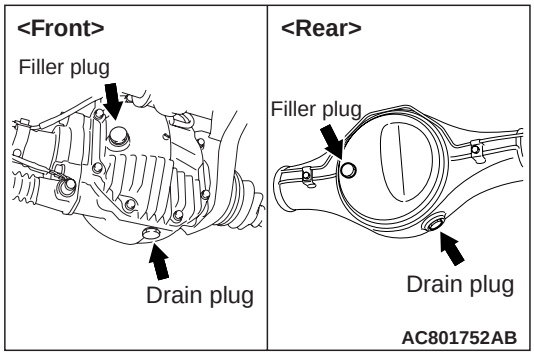
Specified gear oil:
MITSUBISHI MOTORS GENUINE Super Hypoid Gear Oil API classification GL-5 SAE 80

3. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL

M6020301100798

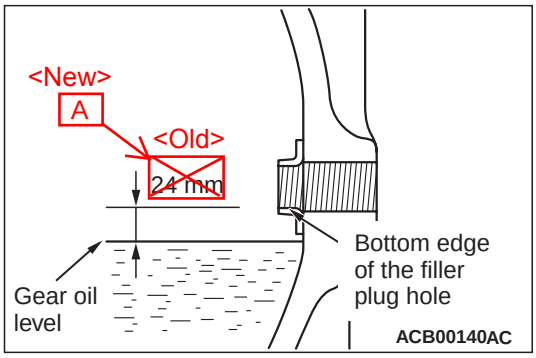
Front differential



1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 65 ± 5 N·m
4. 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
   Amount to use: 1.2 L
5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

Rear differential

1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 60 ± 10 N·m



4. Refill the gear oil until the level satisfies the specification.
   Specified gear oil:
   MITSUBISHI MOTORS GENUINE Super Hypoid Gear Oil API classification GL-5 SAE 80
   Amount to use: 2.1 L
5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

Insert the attached sheet 35-D
<Added>

A

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

B

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.

C <New>
Within 26 mm

Item	<Old>	**Dimension A**
Number of the nuts securing the differential below the horizontal centre line of the rear axle housing	Five	~~Within 18 mm~~
	Six	Within 36 mm

C

C <New>

20 mm

30 mm

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	~~28 mm~~
	Six		<Old>	~~38 mm~~

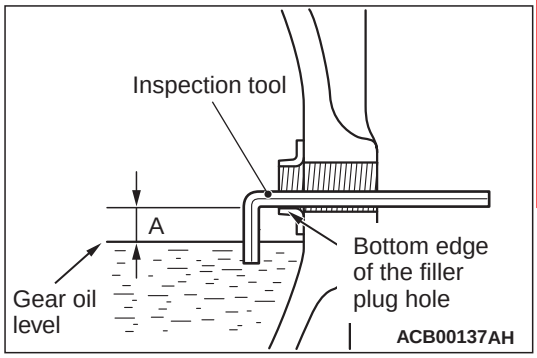
D

Item		**Dimension A**
Number of the nuts securing the differential below the horizontal centre line of the rear axle housing	Five	18 mm
	Six <Old>	~~36 mm~~

C <New>
28 mm

GEAR OIL LEVEL CHECK

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



<New>
20 mm
30 mm

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

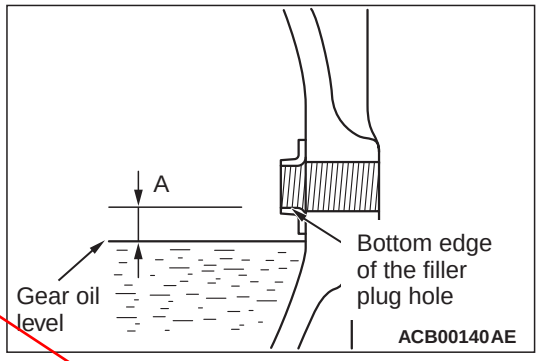
Specified gear oil:
MITSUBISHI MOTORS GENUINE Super Hypoid Gear Oil API classification GL-5 SAE 80 or SAE 90

3. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

GEAR OIL REPLACEMENT

M1272004600939

1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 60 ± 10 N·m



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

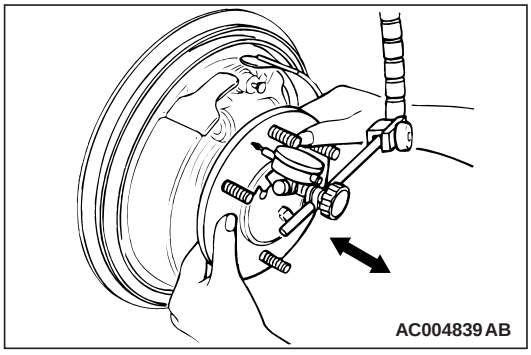
Item				Dimension A
Number of the nuts securing the differential below the horizontal centre line of the rear axle housing	Five	Position of the filler hole	On flat surface	8 mm <Old>
			On spherical surface	28 mm
	Six			38 mm

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

5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

AXLE SHAFT AXIAL PLAY CHECK

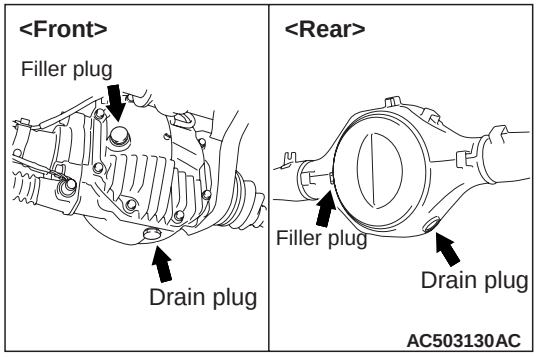
M1271001300107



1. Measure the axle shaft axial play by using a dial indicator.
   Standard value: 0 – 0.25 mm

B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL

FRONT DIFFERENTIAL

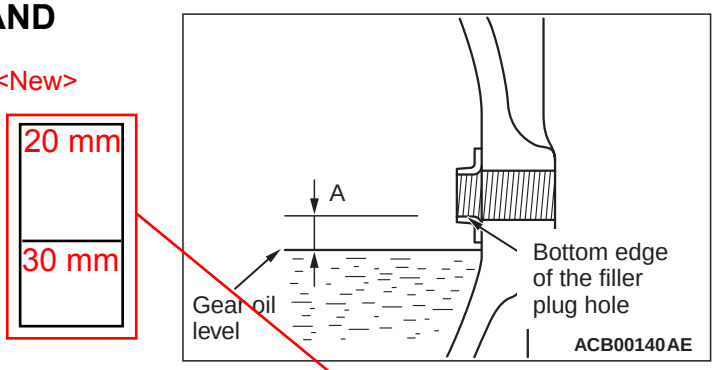


1. Remove the under cover and filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 65 ± 5 N·m
4. Add the oil until the level comes to the lower portion of the filter plug hole.
   Specified gear oil:
   MITSUBISHI MOTORS GENUINE Super Hypoid Gear oil API classification GL-5 SAE 80 or 90
   Amount to use: 1.2L
5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

REAR DIFFERENTIAL

1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 60 ± 10 N·m

<New>



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

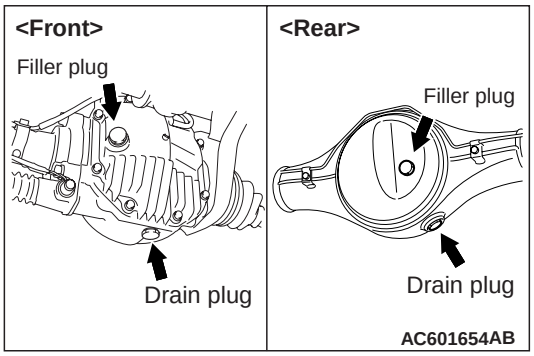
Item				Dimension A
Number of the nuts securing the differential below the horizontal centre line of the rear axle housing	Five	Position of the filler hole	On flat surface	8 mm <Old>
			On spherical surface	28 mm
	Six			38 mm

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

5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL

Front differential



1. Remove the under cover and filler pug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 65 ± 5 N·m
4. 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
   Amount to use: 1.2L
5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

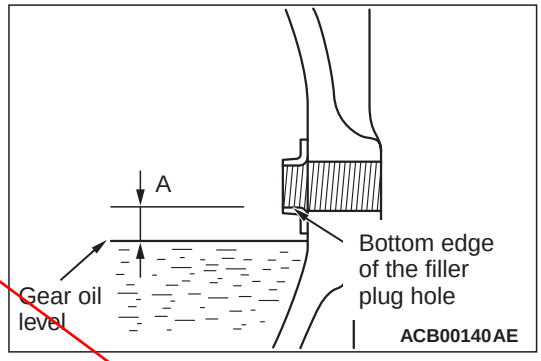
Rear differential

1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 60 ± 10 N·m

<New>

20 mm

30 mm



4. 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 <Old>
			On spherical surface	28 mm
	Six			38 mm

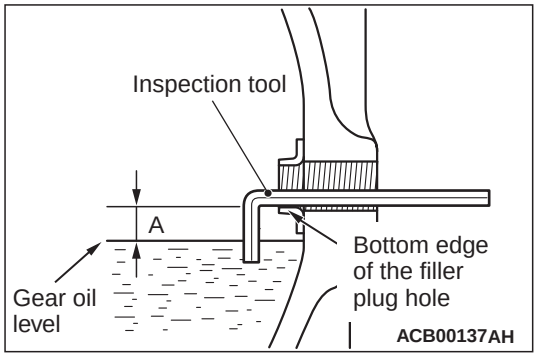
Specified gear oil <Vehicles without mechanical LSD>: MITSUBISHI MOTORS GENUINE Super Hypoid Gear Oil API classification GL-5 SAE 80
Specified gear oil <Vehicles with mechanical LSD>: MITSUBISHI MOTORS GENUINE LSD gear oil or CASTROL HYPOY LS API classification GL-5 SAE 90
Amount to use:
- **1.5 L <2WD (except High rider)>**
- **1.8 L <2WD (High rider)-2400, 4WD-2400, 4WD-2500-SOHC, 4WD-2800>**
- **2.1 L <2WD (High rider)-2500, 4WD-2500-DOHC (Except high power engine-M/T)>**
- **2.1 L <4WD-2500-DOHC (High power engine-M/T), 4WD-3200, 3500>**

5. Tighten the filler 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		<Old> Dimension A
Number of the nuts securing the differential below the horizontal centre line of the rear axle housing	Five	~~Within 18 mm~~
	Six	Within 36 mm

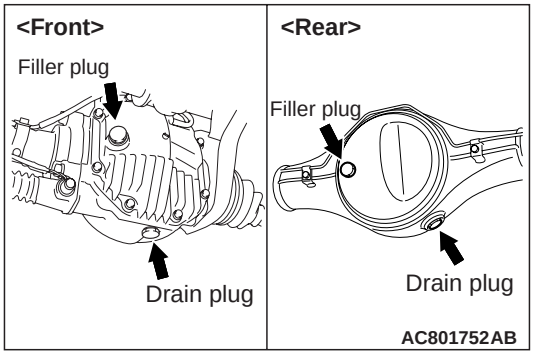
Specified gear oil:
MITSUBISHI MOTORS GENUINE Super Hypoid Gear Oil API classification GL-5 SAE 80

3. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

B11. CHANGE GEAR OIL IN FRONT AND REAR DIFFERENTIAL

M6020301100798

Front differential

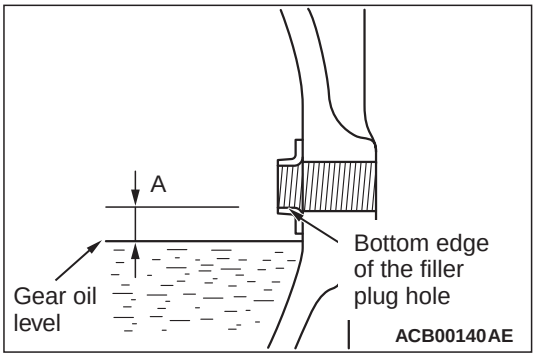


1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 65 ± 5 N·m
4. Add the oil until the level comes to the lower portion of the filter plug hole.
   Specified gear oil:
   MITSUBISHI MOTORS GENUINE Super Hypoid Gear Oil API classification GL-5 SAE 80
   Amount to use: 1.2 L
5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

Rear differential

<New> Within 26 mm

1. Remove the filler plug.
2. Remove the drain plug and drain oil.
3. Tighten the drain plug to the specified torque.
   Tightening torque: 60 ± 10 N·m



4. 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	Within 18 mm
	Six <Old>	~~Within 36 mm~~

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

Amount to use: 2.1 L

5. Tighten the filler plug to the specified torque.
   Tightening torque: 50 ± 10 N·m

<New> Within 28 mm