MITSUBISHI MOTORS

SERVICE BULLETIN

GLOBAL AFTER SALES OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : INFORMATION	ISSUE NO. : MSB-10E12-001	DATE : 2010-12-05
SUBJECT : ENGINE OIL QUANTITY		<MODEL> (EUR/RUSSIA) LANCER (CY0A), LANCER SPORTBACK (CX0A) <M/Y> 11
GROUP : ENGINE LUBRICATION		

1. Description:

Vehicles without the engine oil cooler are now produced for the Russian market. Accordingly, descriptions are added to the applicable Workshop Manuals. This Service Bulletin contains the added descriptions.

2. Applicable Manuals:

<EUR>

Manual	Pub. No.	Title (Info-ID)	Attached Sheet
2011 LANCER/ LANCER SPORTBACK Workshop Manual CD-ROM	CG1E11E1-CD (English) CG1F11E1-CD (French) CG1G11E1-CD (German) CG1S11E1-CD (Spanish) CG1I11E1-CD (Italian)	Lubricants (M121-00-042-68800-01)	Attached sheet 1
		Engine Oil Replacement <4A9, 4B10, 4B11> (M121-00-103-31800-01)	Attached sheet 2
		Engine Oil Cooler Removal and Installation (M121-00-130-65500-01)	Attached sheet 3

<RUSSIA>

Underneath Manual	Underneath Pub. No.	Title (Info-ID)	Attached Sheet
2011 LANCER/ LANCER SPORTBACK Workshop Manual CD-ROM	N/A	Lubricants (M121-00-042-68800-01)	Attached sheet 1
		Engine Oil Replacement <4A9, 4B10, 4B11> (M121-00-103-31800-01)	Attached sheet 2
		Engine Oil Cooler Removal and Installation (M121-00-130-65500-01)	Attached sheet 3

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. Details:

See Attached sheets 1 to 3.

Attached sheet 1

LUBRICANTS

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<4A9>

Item		Specification
Engine oil ACEA classification		A1/B1, A3/B3, A3/B4 or A5/B5
Engine oil ILSAC classification		ILSAC certificated oil
Engine oil API classification		SM
Engine oil quantity L	Oil filter	0.2
	Total	4.2

<4B10, 4B11-NON-TURBO>

Item		Specification
Engine oil ACEA classification		A1/B1, A3/B3, A3/B4 or A5/B5
Engine oil ILSAC classification		ILSAC certificated oil
Engine oil API classification		SM
Engine oil quantity L	Oil filter	0.3
	Total	4.3

<4N1>

Item		Specification
Engine oil ACEA classification		C1, C2, C3 or C4
Engine oil JASO classification		DL-1
Engine oil quantity L	Oil filter	0.3
	Total	5.3

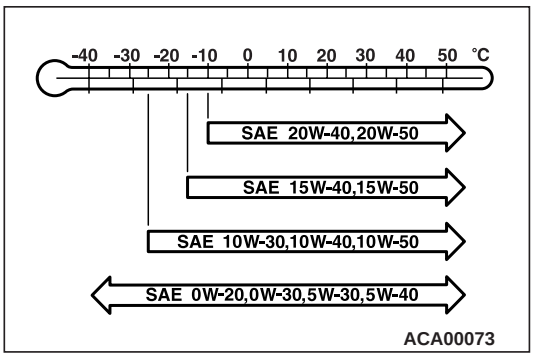
<4B11-TURBO>

Item		Specification
Engine oil ACEA classification		A1/B1, A3/B3, A3/B4 or A5/B5
Engine oil ILSAC classification		ILSAC certificated oil
Engine oil API classification		SM
Engine oil quantity L <Vehicles for Europe> **<Added>**	Oil filter	0.3
	Oil cooler	0.2
	Total	5.3
Engine oil quantity L <Vehicles for Russia>	Oil filter	0.3
	Total	5.1

<Added>

6. Install a new engine oil pan drain plug gasket so that it faces in the direction shown in the illustration, and then tighten the engine oil pan drain plug to the specified torque <4B10, 4B11-Non-turbo, 4B11-Turbo>.

   Tightening torque: 39 ± 5 N·m



7. Refill with specified quantity of engine oil <4A9, 4B10, 4B11-Non-turbo>.

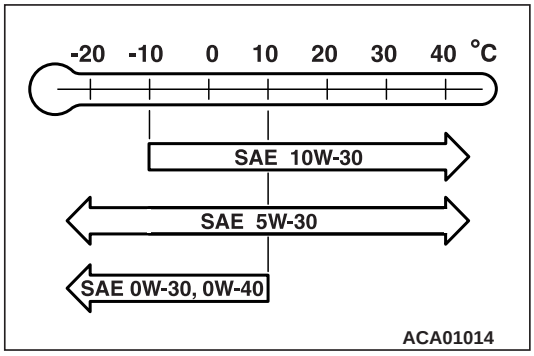
   Specified Engine Oil
   - **ACEA classification: A1/B1, A3/B3, A3/B4 or A5/B5**
   - **ILSAC classification: ILSAC certificated oil**
   - **API classification: SM**

   Total quantity (Includes volume inside engine oil filter):

   4.2 L <4A9>

   4.3 L <4B10, 4B11-Non-turbo>

   NOTE: SAE 0W-20, 0W-30, 5W-30, and 5W-40 engine oils can only be used if they meet ACEA A3/B3, A3/B4 or A5/B5 and API SM specifications.



8. Refill with specified quantity of engine oil <4B11-Turbo>.

   Specified Engine Oil
   - **ACEA classification: A1/B1, A3/B3, A3/B4 or A5/B5**
   - **ILSAC classification: ILSAC certificated oil**
   - **API classification: SM**

   Total quantity (Includes volume inside engine oil filter and engine oil cooler)

<Added> **<Vehicles for Europe>: 5.3 L**

<Added> **Total quantity (Includes volume inside engine oil filter) <Vehicles for Russia>: 5.1 L**

   NOTE: SAE 5W-30, 0W-30, and 0W-40 engine oil can only be used if meets ACEA A3/B3, A3/B4 or A5/B5 and API SM specifications.

   NOTE: SAE 0W-30 and 0W-40 engine oil are recommended to use to improve engine startability on a very cold weather condition.

9. Install the engine oil filler cap.
10. Let the engine run for a few minutes.
11. Stop the engine, and then check the engine oil level using the engine oil level gauge after a few minutes.
12. Install the engine room under cover extension (Refer to GROUP 51 – Under Cover).

ENGINE OIL REPLACEMENT <4N1>

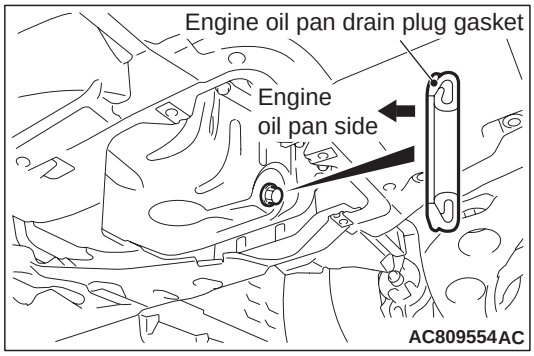
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Start the engine and allow it to warm up until the temperature of the engine coolant reaches 80°C to 90°C.

⚠ *WARNING*

Use care as engine oil could be hot.

1. Remove the engine oil filler cap.
2. Remove the engine room under cover extension (Refer to GROUP 51 – Under Cover).
3. Remove the engine oil pan drain plug to drain engine oil.

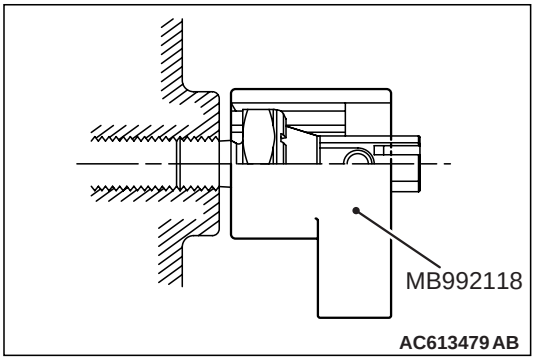


4. Install a new engine oil pan drain plug gasket so that it faces in the direction shown in the illustration, and then tighten the engine oil pan drain plug to the specified torque.

   Tightening torque: 39 ± 5 N·m

Attached sheet 3

⚠ CAUTION
After the installation, until a sufficient period of time (one hour or more) elapses, do not apply the engine oil or water to the sealant application area or start the engine.



2. In the same manner as removal, use special tool oil pressure switch wrench (MB992118) to tighten the engine oil pressure switch to the specified torque.

Tightening torque: 10 ± 2 N·m

ENGINE OIL COOLER <4B11-TURBO (Vehicles for Europe)>

REMOVAL AND INSTALLATION <Added>

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Post-installation operation
- Engine Oil Refilling (Refer to).

