SERVICE BULLETIN

MITSUBISHI MOTORS

GLOBAL AFTER SALES OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : CORRECTION	ISSUE NO. : MSB-15EXL14-502	DATE : 2015-11-03
SUBJECT : Error in writing of the exchange procedure of the coolant of 4N15 engine		<DESTINATION/MODEL> (EU/RUSSIA/THAILAND/ MMAL/NZ) <M/Y> 15-16
GROUP : Gr:14(Cooling)		TRITON(KJ0T/KK0T/KL0T)/ PAJERO SPORT(KR0W/KS0W)

1. Description :

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

2. Affected service manuals :

Applicable manual	Pub. No.	Applicable title (INFO ID)	Content
2015-2016 TRITON Workshop Manual	<THAI> DRAFT <MMAL/> AU900436 <NZ> DRAFT	ENGINE COOLANT CHANGE (M141-00-123-35801-01)	Attached sheet
2016 TRITON Workshop Manual	<EU> CKTE16E1-CD(ENG) CKTF16E1-CD(FRE) CKTG16E1-CD(GER) CKTS16E1-CD(SPA) CKTI16E1-CD(ITA) <RUSSIA> N/A	ENGINE COOLANT CHANGE (M141-00-100-51500-01)	
2016 PAJERO SPORT Workshop Manual	<THAI> DRAFT	ENGINE COOLANT CHANGE (M141-00-123-41100-01)	

3. About the details :

Please refer to the attached document (Attached sheet)

Attached sheet

ENGINE COOLANT CHANGE

1. Remove the under skid plate (Refer to GROUP 51 – Under Cover).

⚠ WARNING

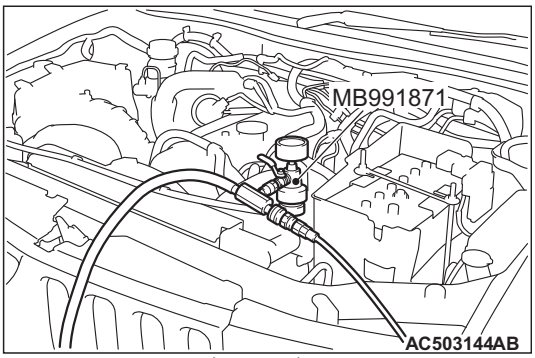
When removing the radiator cap, use care to avoid contact with hot coolant or steam. Place a shop towel over the radiator cap and turn the radiator cap anti-clockwise a little to let the pressure escape through the vinyl tube. After relieving the steam pressure, remove the radiator cap by slowly turning it anti-clockwise.

2. Drain the engine coolant from the radiator, heater core and engine after unplugging the radiator drain plug and removing the radiator cap.
3. Securely tighten the drain plug of the radiator.
4. Disconnect water hose I from the engine oil cooler, and then drain the engine coolant from the engine (Refer to GROUP 12 – Engine Oil Cooler).
5. Remove the thermostat, and then drain the engine coolant from the engine (Refer to GROUP 14 – Thermostat).
6. Remove the headlamp assembly RH (Refer to GROUP 54A – Headlamp).
7. Remove the condenser tank assembly and drain the coolant.
8. Reinstall the condenser tank assembly.
9. Install the headlamp assembly RH (Refer to GROUP 54A – Headlamp).

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⚠ CAUTION

- **Do not use alcohol or methanol anti-freeze or any engine coolants mixed with alcohol or methanol anti-freeze. The use of an improper anti-freeze can cause corrosion of the aluminium components.**
- **Use the MITSUBISHI MOTORS GENUINE SUPER LONG LIFE COOLANT PREMIUM without adding water because the concentration is preadjusted to 50%.**



10. Use special tool LLC changer (MB991871) to refill the engine coolant up to the top of the radiator port.

    Recommended antifreeze: MITSUBISHI MOTORS GENUINE SUPER LONG LIFE COOLANT PREMIUM or equivalent*

    NOTE: *similar high quality ethylene glycol based non-silicate, non-amine, non-nitrate and non-borate coolant with long life hybrid organic acid technology

    Quantity (Includes volume inside condense tank): 7.7 L

    NOTE: For how to use special tool MB991871, refer to its manufacturer's instructions.
11. Reinstall the radiator cap.
12. Start the engine and let it warm up until the thermostat opens.
13. After repeatedly revving the engine up to 3,000 r/min several times, then stop the engine.
14. Remove the radiator cap after the engine has become cold, and pour in coolant up to the brim. Reinstall the cap.

⚠ CAUTION

Do not overfill the condenser tank.

15. Add engine coolant to the condenser tank between the "F" and "L" mark if necessary.
16. Install the under skid plate (Refer to GROUP 51 – Under Cover).

<New>

2. Remove the radiator drain plug to drain the engine coolant.
3. Securely tighten the drain plug of the radiator.
4. Disconnect water hose I from the engine oil cooler. (Refer to GROUP 12 – Engine Oil Cooler).
5. Air-blow the system to drain the engine coolant through the radiator cap.
6. Connect water hose I from the engine oil cooler.
7. Remove the thermostat. (Refer to GROUP 14 – Thermostat).
8. Air-blow the system to drain the engine coolant through the radiator cap.

9-1. Install the thermostat.

9-2. Disconnect the radiator condenser tank hose the radiator.

9-3. Suspend the radiator condenser tank hose downwards to drain the tank.

9-4. Connect the radiator condenser tank hose.