

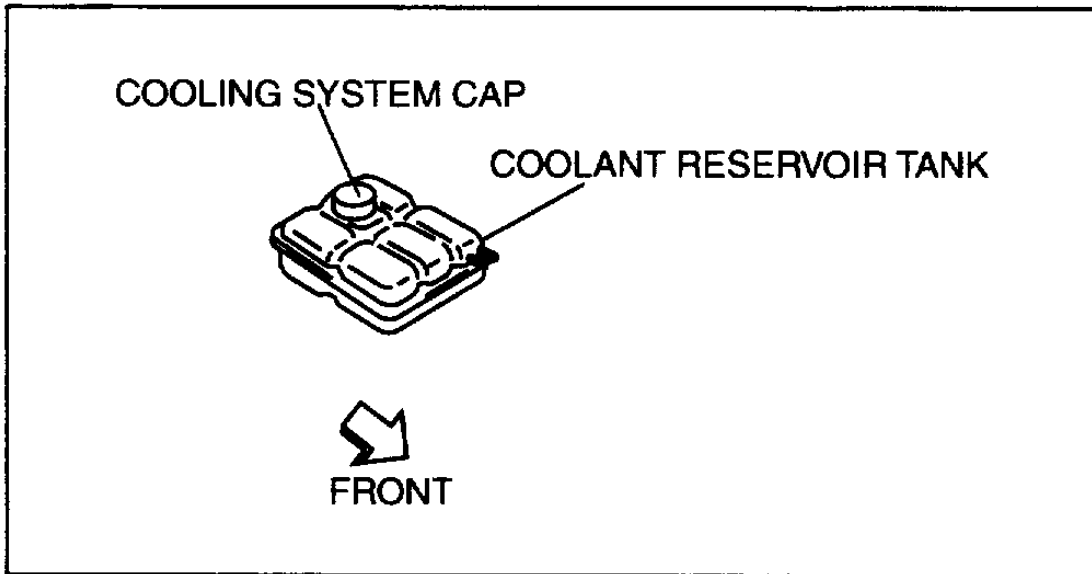
# **Component Procedures: Coolant**

## **Table of Contents**

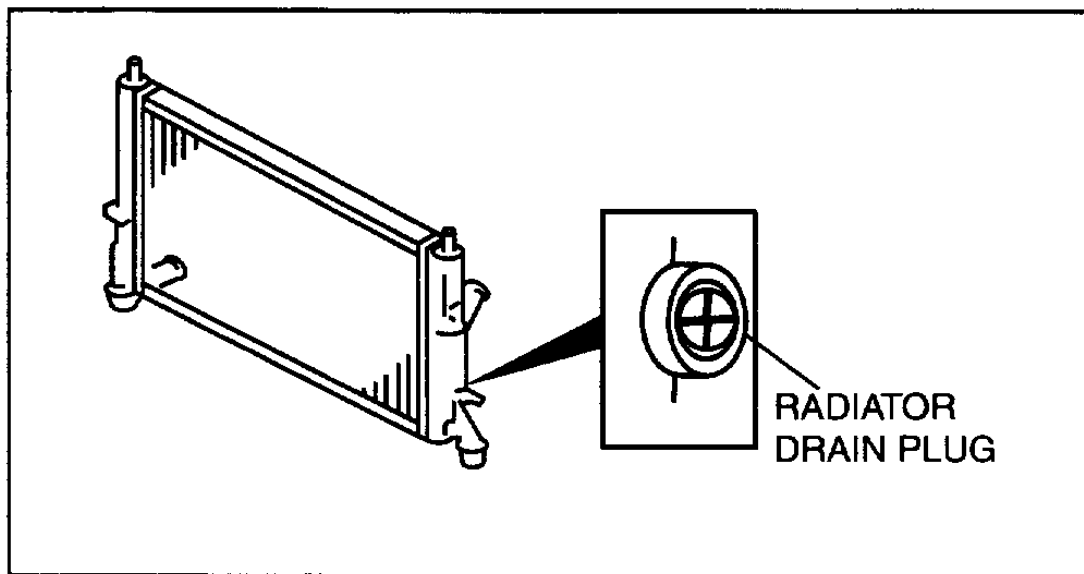
1. Engine Coolant Replacement (Article 1359088)
2. Capacities (itype\_30)
3. Fluid Types (itype\_31)
4. Fluid Types and Capacities (itype\_436)
5. All Technical Service Bulletins (itype\_100)
6. Engine Coolant Level Inspection (Article 1366786)
7. Engine Coolant Protection Inspection (Article 1366785)
8. Leaks (itype\_149)
9. Vehicle / Component Identification (itype\_118)

# Component Procedures: Coolant

## Engine Coolant Replacement (Article 1359088)



am3uuw0000059



am3uuw0000059

### Antifreeze solution mixture percentage

Coolant protection	Volume percentage		Gravity at 20 °C {68 °F}
	Water	Coolant	
Above -16 °C {3 °F}	65	35	1.057
Above -26 °C {-15 °F}	55	45	1.072
Above -40 °C {-40 °F}	45	55	1.086

### Capacities (itype\_30)

Engine Coolant Capacity  
Capacity ..... 7.5 L (7.9 US qt, 6.6 Imp qt)

### Fluid Types (itype\_31)

Engine Coolant Type

Type ..... FL22

## Fluid Types and Capacities (itype\_436)

Fluid Types  
Capacities

## All Technical Service Bulletins (itype\_100)

Tsbs  
- WATER PUMP COOLANT LEAK (01-022/19, 2019/12/13)  
- Cooling Sys - FL22 Engine Coolant Info (0100216, 2016/02/05)

## Engine Coolant Level Inspection (Article 1366786)

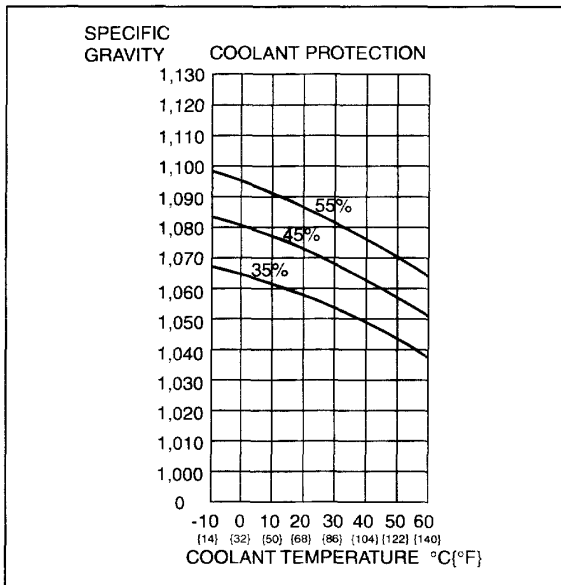
ENGINE COOLANT LEVEL INSPECTION [LF, L3]

Warning:

- Remove and install all parts when the engine is cold, otherwise they can cause severe burns or serious injury.
- Turn off the engine and wait until it is cool. Even then, be very careful when removing the cap. Wrap a thick cloth around it and slowly turn it counterclockwise 2.5 turns. Step back while the pressure escapes.
- When you are sure all the pressure is gone, turn the cap using the cloth, and remove it.

1. Verify that the engine coolant level in the coolant reserve tank is between the MIN and MAX marks.
2. If the engine coolant level is below MIN mark, add engine coolant.

## Engine Coolant Protection Inspection (Article 1366785)



C3U0112W016

## Leaks (itype\_149)

Tsbs  
- WATER PUMP COOLANT LEAK (01-022/19, 2019/12/13)

## Vehicle / Component Identification (itype\_118)

Tsbs  
- Cooling Sys - FL22 Engine Coolant Info (0100216, 2016/02/05)