

## Coolant Replacement

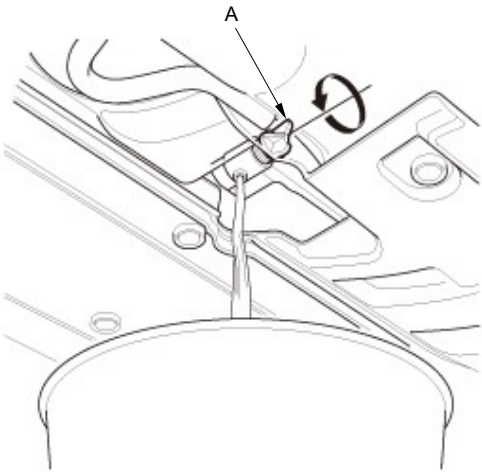
### Replacement

#### 1. Radiator Cap - Remove

Wait until the engine is cool, then carefully remove the radiator cap.

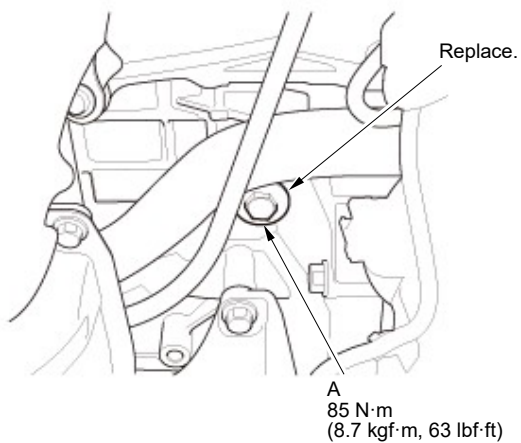
#### 2. Engine Coolant - Drain

Loosen the drain plug (A), and drain the coolant.



#### 3. Cylinder Block Coolant - Drain

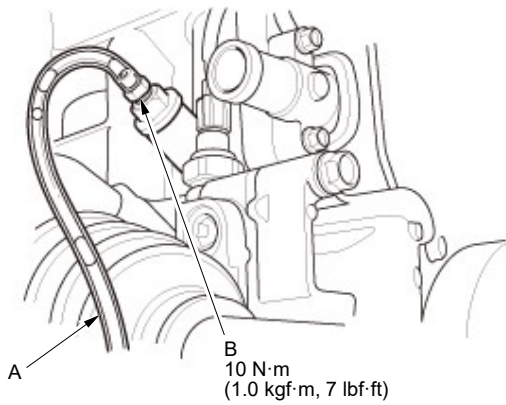
##### K24W1 engine



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1. Remove the drain bolt (A).
2. After the coolant has drained, reinstall the drain bolt with a new washer.
3. Tighten the radiator drain plug securely.

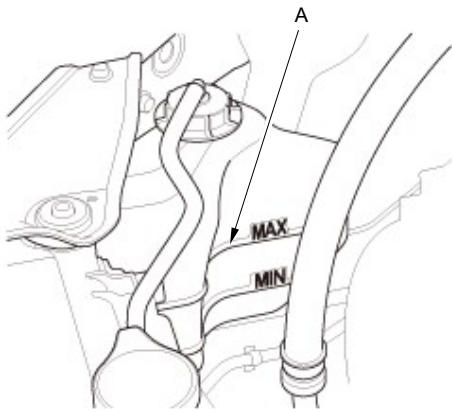
### J35Y1 engine



### J35Y1 engine

1. Install a rubber hose (A) on the drain bolt (B) located at the rear of the engine block, then loosen the drain bolt.
2. When the coolant stops draining, tighten the drain bolt. Remove the rubber hose.
3. Tighten the radiator drain plug securely.

### 4. Coolant Reservoir- Refill



1. Remove, drain and reinstall the coolant reservoir.
2. Fill the coolant reservoir to the MAX mark (A) with Honda Long Life Antifreeze/Coolant Type 2.

### 5. Engine Coolant - Refill

Pour Honda Long Life Antifreeze/Coolant Type 2 into the radiator up to the base of the filler neck.

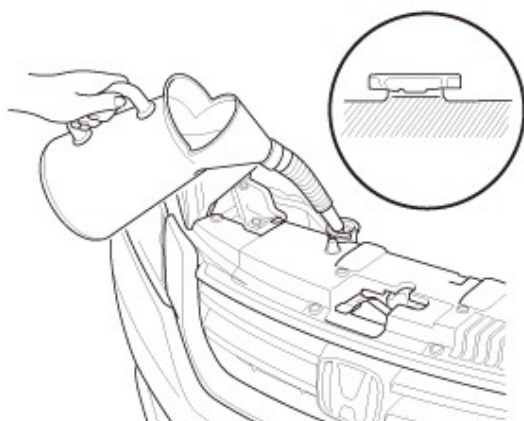
#### NOTE:

- Always use Honda Long Life Antifreeze/Coolant Type 2 or Honda Extreme Cold Weather Antifreeze/Coolant Type 2. Using a non-Honda coolant can result in corrosion, causing the cooling system to malfunction or fail.
- Honda Long Life Antifreeze/Coolant Type 2 is a mixture of 50 % antifreeze and 50 % water. Honda Extreme Cold Weather Antifreeze/Coolant Type 2 is a 100% concentration coolant. Do not add water to either coolant.
- If the vehicle is regularly used in very low temperatures (under -22 °F (-30 °C)), a 60% concentration of coolant should be used.

Operation	Vehicle Usage (Desired Mixture)	Current Mixture	Coolant Drain	Add Amount of Honda Extreme Cold Weather Antifreeze/Coolant Type 2 (100% concentrate)	Then add Honda Long Life Antifreeze/Coolant Type 2 (50/50)
Coolant Change	Normal Area (50/50)	50/50 60/40 unknown	Drain radiator and reservoir	None	Top off the cooling system
	Very Cold Area (60/40)	50/50 unknown	Drain radiator and reservoir	K24W1: About 1.5 L (51 fl oz) J35Y1: About 1.6 L (54 fl oz)	
		60/40		K24W1: About 1.3 L (44 fl oz) J35Y1: About 1.3 L (4.4 fl oz)	
Engine Overhaul	Normal Area (50/50)	-	-	None	
	Very Cold Area (60/40)	-	-	K24W1: About 1.5 L (51 fl oz) J35Y1: About 1.6 L (54 fl oz)	
Coolant Winterizing	Very Cold Area (60/40)	50/50	Drain about 2.0 L (68 fl oz) from radiator	K24W1: About 1.5 L (51 fl oz)	
		unknown*	Drain radiator and reservoir	J35Y1: About 1.6 L (54 fl oz)	

\*: When you want to winterize the coolant with the minimum amount of coolant change but the current coolant concentration in the vehicle is unknown, you must drain all coolant from the cooling system.

Engine Coolant Refill Capacities (Including the coolant reservoir capacity of 0.64 L (0.169 US gal))		
K24W1 engine	At Coolant Change (DENSO)	6.3 L (1.66 US gal)
	At Coolant Change (TRAD)	6.2 L (1.64 US gal)
	After Engine Overhaul (MT: DENSO)	7.6 L (2.01 US gal)
	After Engine Overhaul (MT: TRAD)	7.5 L (1.98 US gal)
	After Engine Overhaul (CVT: DENSO)	7.7 L (2.03 US gal)
	After Engine Overhaul (CVT: TRAD)	7.6 L (2.01 US gal)
J35Y1 engine	At Coolant Change	6.5 L (1.72 US gal)
	After Engine Overhaul	7.9 L (2.09 US gal)
J35Y2 engine	At Coolant Change	6.3 L (1.66 US gal)
	After Engine Overhaul	7.7 L (2.03 US gal)



## 6. Engine Coolant - Air Bleed

1. Loosely install the radiator cap.
2. Start the engine, and let it run until it warms up (the radiator fan comes on at least twice).
3. Turn off the engine. Check the level in the radiator, and add Honda Long Life Antifreeze/Coolant Type 2, if needed.

## 7. Engine Coolant Leak - Check

1. Put the radiator cap securely, then start the engine again, and check for leaks.
2. Clean up any spilled engine coolant.

## 8. Maintenance Minder - Reset (With Maintenance Minder System)

If the Maintenance Minder required to replace the engine coolant, [reset the Maintenance Minder with the gauge](#) (see "Resetting the Maintenance Minder"). If the Maintenance Minder did not require to replace the engine coolant, [reset the Maintenance Minder with the HDS](#) (see "Resetting the Individual Maintenance Items").