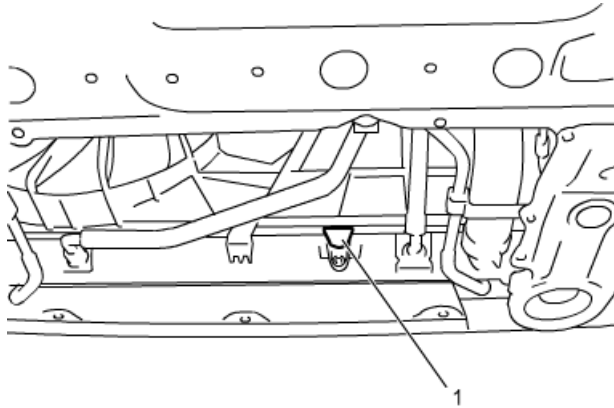


Cooling System Draining

WARNING:

To avoid danger of being burned, do not remove radiator cap while engine and radiator are still hot. Scalding fluid and steam can gush out under pressure if cap is taken off too soon.

- 1) Remove engine front under cover.
- 2) Remove radiator cap.
- 3) Drain coolant from radiator drain plug (1).
- 4) After draining coolant, be sure to tighten drain plug (1) securely.



Cooling System Flushing

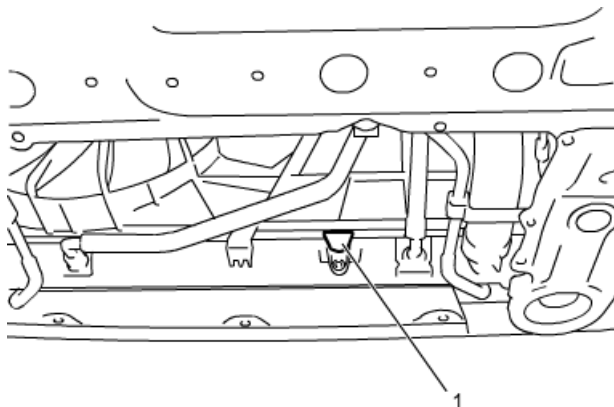
WARNING:

To avoid danger of being burned, do not remove radiator cap while engine and radiator are still hot. Scalding fluid and steam can gush out under pressure if cap is taken off too soon.

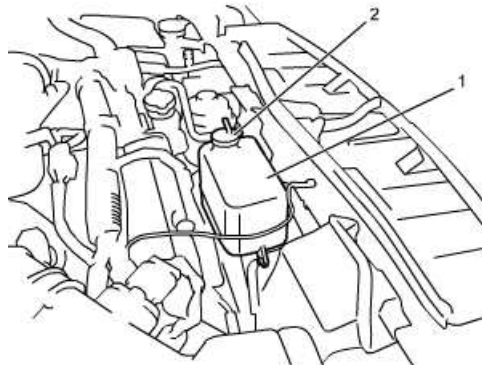
NOTE:

For detail of coolant specification, refer to [Coolant Description:N32A](#).

- 1) Remove radiator cap when engine is cool as follows.
 - a) Turn cap counterclockwise slowly until it comes to a stop. (Do not press down while turning it.)
 - b) Wait until pressure is relieved (indicated by hissing sound), then press down on cap and continue to turn it counterclockwise.
- 2) With radiator cap removed, run engine until upper radiator hose is hot (this shows that thermostat is open and coolant is flowing through system).
- 3) Stop engine and drain coolant from radiator drain plug (1).
- 4) Close radiator drain plug. Fill system with water and run engine until upper radiator hose becomes hot again.
- 5) Repeat Steps 3) and 4) several times until drained liquid is nearly colorless.
- 6) Close radiator drain plug (1) tightly.



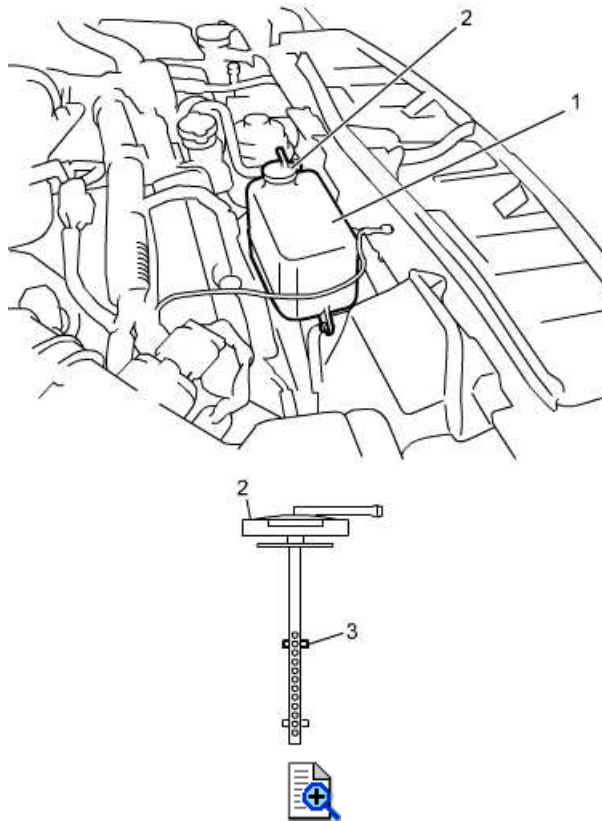
- 7) Remove reservoir cap (2) and reservoir (1).



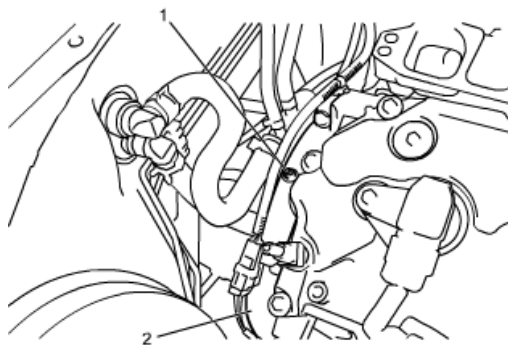
- 8)** Empty reservoir of fluid and scrub and clean its inside reservoir with soap and water. Flush it well with clean water and remove water from inside, reinstall reservoir.

Cooling System Refilling

- 1) Fill reservoir cap (2) with coolant up to "FULL" level mark (3).
- 2) Install reservoir cap (2) on reservoir (1).



- 3) Remove air ventilation plug (1) from water inlet pipe (2).
- 4) Pour coolant through radiator filler neck until coolant flow out from air ventilation plug hole.
- 5) Install air ventilation plug to water inlet pipe.



- 6) Fill radiator with coolant up to bottom of radiator filler neck and install radiator cap.
- 7) Run engine at idle speed.
- 8) Stop engine when radiator fan motor is operated.
- 9) Wait until engine comes cooled down to avoid danger of being burned.
- 10) Add coolant to radiator up to bottom of radiator filler neck, and install radiator cap.

- 11)** Repeat Step 7) through 10).
- 12)** Confirm that coolant level in reservoir is at "FULL" level mark of reservoir cap. If coolant is insufficient, add coolant.