

GENERAL

⚠ WARNING

Never start engine without coolant. Engine parts and ceramic seal on water pump shaft can be damaged.

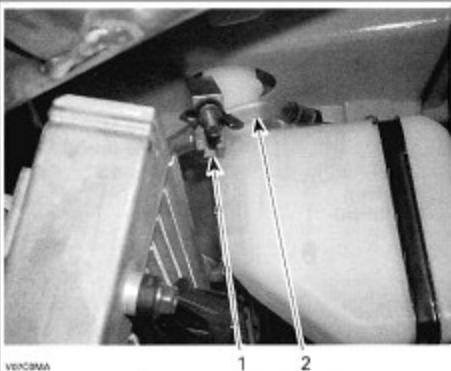
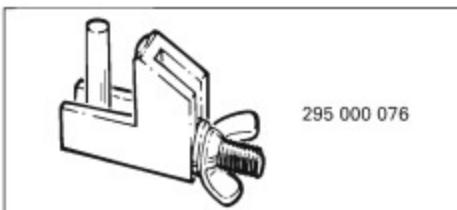
During assembly/installation, use the torque values and service products as in the exploded views.

Clean threads before applying a threadlocker. Refer to *SELF-LOCKING FASTENERS* and *LOCTITE APPLICATION* at the beginning of this manual for complete procedure.

⚠ WARNING

Torque wrench tightening specifications must strictly be adhered to.

Locking devices (e.g.: locking tabs, elastic stop nuts, self-locking fasteners, etc.) must be installed or replaced with new ones where specified. If the efficiency of a locking device is impaired, it must be renewed.



1. Hose pincher
2. Overflow hose

PROCEDURES

COOLING SYSTEM LEAK TEST

⚠ WARNING

To avoid potential burns, do not remove the radiator cap or loosen the cooling drain plug if the engine is hot.

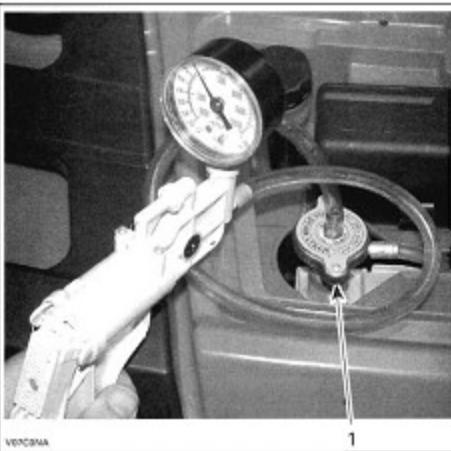
Open the access panel and remove the radiator cap no. 1.

Install the test cap (P/N 529 035 991) and a small hose pincher (P/N 295 000 076) on overflow hose no. 2.

Using pressure/vacuum pump (P/N 529 021 800), pressurize system to 103 kPa (15 PSI).



529 035 991



TYPICAL
1. Special radiator cap

Check all hoses, radiator no. 3 and cylinder(s)/base for coolant leaks or air bubbles.

Inspection

Check general condition of hoses and clamps tightness.