

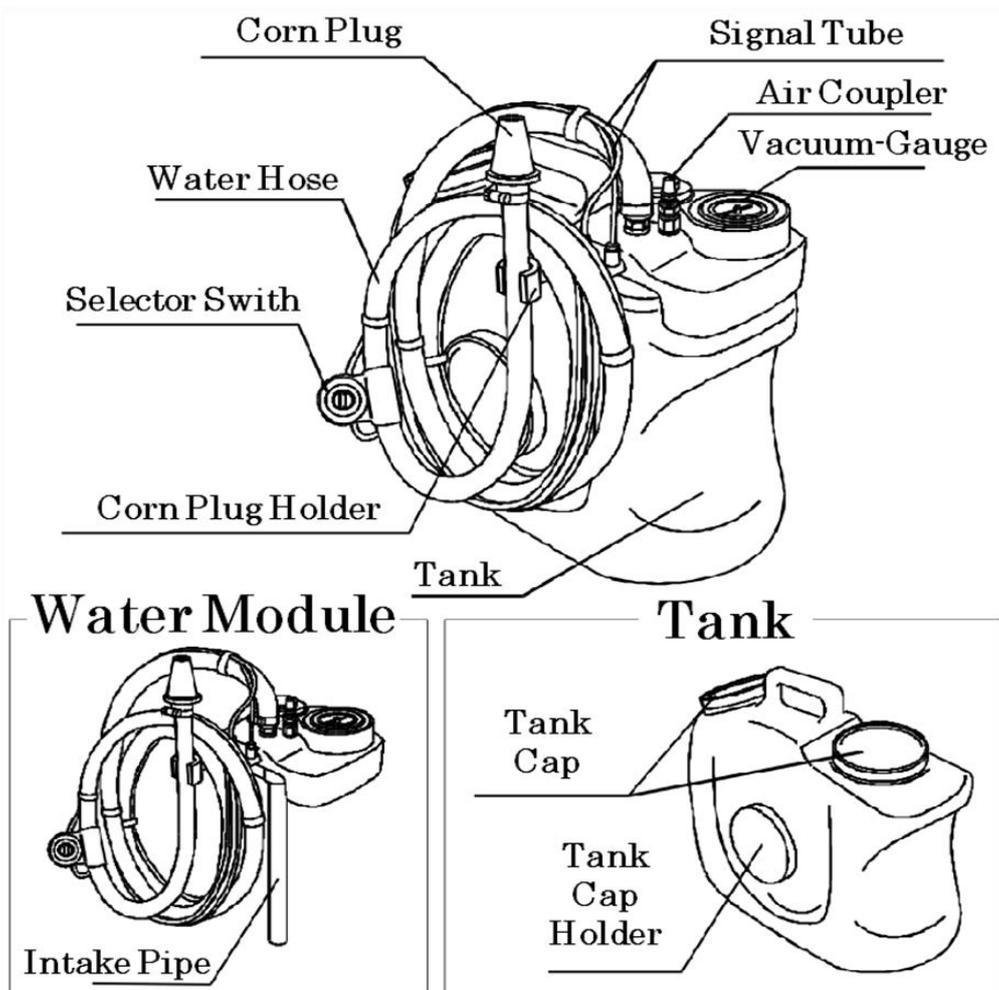


AE401

COOLANT CHARGER

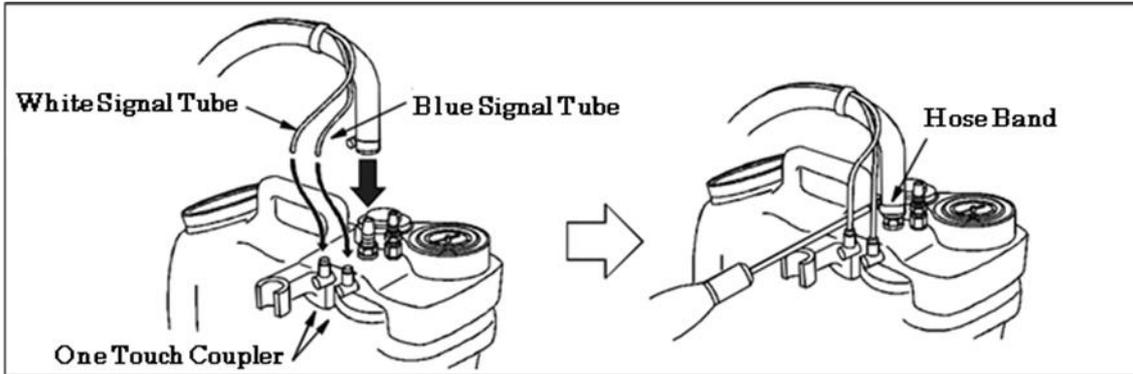
INSTRUCTION MANUAL

Name of Parts



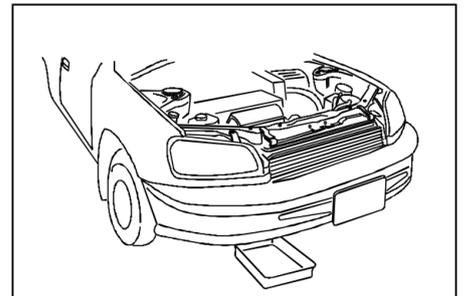
Assembling Method

1. Deeply insert Water Hose to Hose Nipple.
2. Securely connect White Signal Tube with White One Touch Coupler, and Blue Signal Tube with Blue One Touch Coupler.
3. Anchor a Hose Band to Air Coupler Hose by using Screwdriver.



Preparation

1. Extract Coolant from the Radiator and shut the Drain Plug tightly.
Note: Remove residue coolant as much as possible.
2. Dispense a new Coolant liquid with proper amount and proper concentration.
Note: Must be followed by the maintenance manual of each auto.

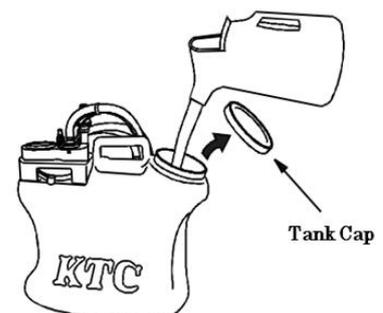


How to Use

1. Inject the Coolant into Tank

Remove the Tank Cap and attach after filling a Coolant.

Note: Do not fill the Coolant more than MAX15 Line of Tank.
Last one liter of coolant liquid in tank is not able to inject into a radiator.

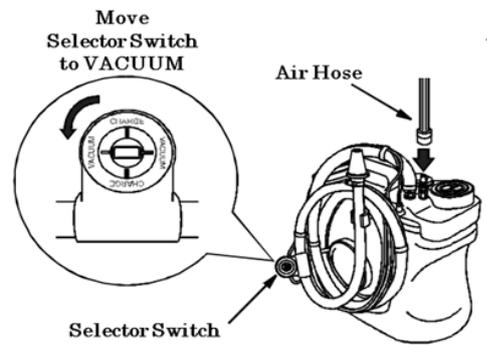


2. Connect Air Hose

Move Selector Switch to VACUUM and connect an Air Hose.

Note: Level of Air Pressure must be 0.6 to 1.0MPa
(6.0 to 10.0kgf/cm²) .

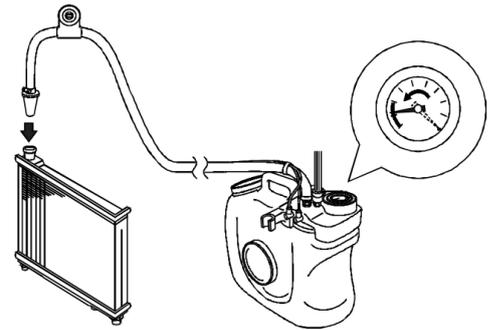
Negative pressure must be less than -0.09MPa when
covering Corn Plug with finger.



3. Vacuum Drawing

- (1) Insert a Corn Plug into the Radiator Filler Port.
- (2) Wait until pointer of Vacuum-Gauge reaches to the Green Zone (around -0.09MPa) and come to a standstill.
- (3) Wait until pointer of Vacuum-Gauge reaches to the Green Zone (around -0.09MPa) and come to a standstill.

Note: In case temperature of residue coolant liquid in auto is high, or coolant liquid is left on water hose, radiator doesn't come under negative pressure.



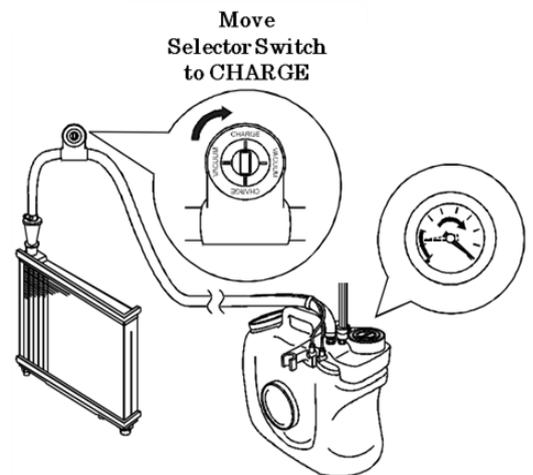
4. Injecting Coolant

- (1) AE401 automatically starts injecting Coolant after Selector Switch is moved to CHARGE.
- (2) Coolant Injecting work is finished when Vacuum-Gauge reaches to ZERO and stop.

Note: Keep pressing Corn Plug down until Coolant Injecting work is finished.

Do not leave condition of Vacuum Drawing.

Do not inject coolant until pointer reaches to green zone.

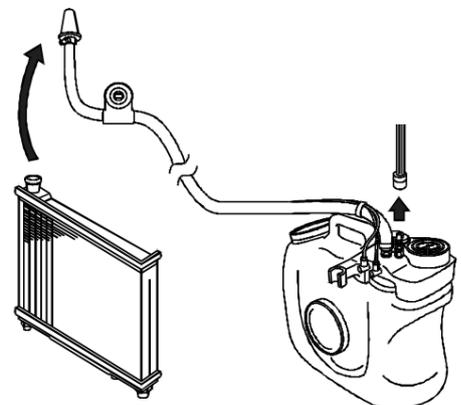


5. Gather residual Coolant liquid inside Hose

- (1) Remove the Corn Plug from Filler Port and left up a Hose.
- (2) After gathering all residual liquid, remove Air Hose from Air Coupler.

Note: All residual coolant liquid is able to gather by free fall.

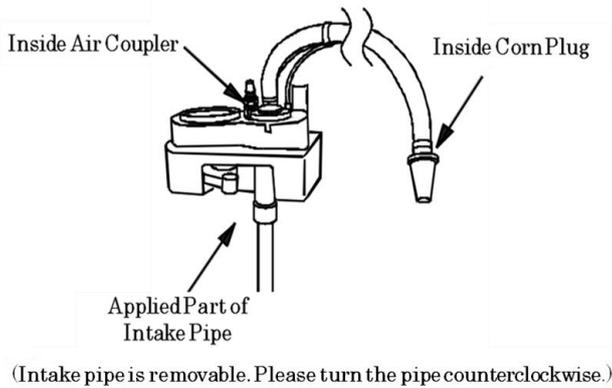
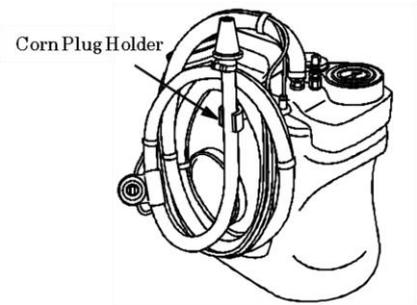
Vacuum drawing process is not necessary for gathering coolant liquid.



6. Check an amount of Coolant on the reserve tank then Complete Work

Maintenance

1. Remove an Air Hose, and reel up a Water Hose then attach to the Corn Plug Holder.
2. In case of feeble pressure, cleaning below filters is needed.



Desorb Tank

1. Lift up a Water Module with two hands after pulling up the Lock Lever.
2. Carry out installation in the reverse order to removal.

Note: Water Module must be attached with Tank to custody.

