

ACTIVE HEIGHT CONTROL SYSTEM (Independent Front Suspension) BLEEDING

SA18C-03

HINT:

If any work is done on the AHC system or if air is suspected in the AHC lines, bleed the system of air.

1. FILL RESERVOIR WITH SUSPENSION FLUID AHC

While the vehicle is stopped, pour the suspension fluid AHC in the reservoir tank.

Fluid: Suspension fluid AHC (08886-01805)

NOTICE:

Do not start the engine until the fluid is poured in the reservoir tank.

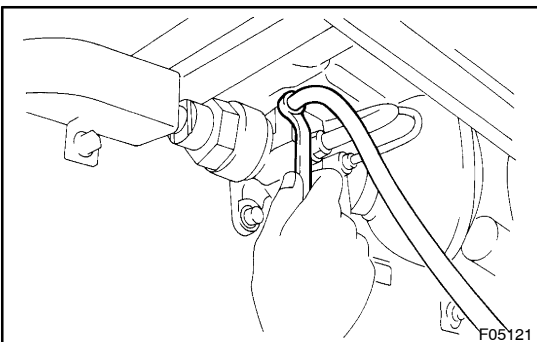
2. BLEED AHC FLUID LINES

- (a) Start the engine and push the vehicle height select switch to select the "N" mode.

NOTICE:

When the reservoir tank is empty, or after the AHC pump & motor is replaced or removed, starting engine may cause air inflow in the AHC fluid line. In this condition, the AHC system can not be operated even if the fluid is poured into the tank. If this happens, raise the vehicle height of the front or rear wheel by conducting the active test and activate the AHC pump & motor for about 10 seconds (See [page DI-208](#)).

- (b) After vehicle height adjustment is completed, check that the AHC pump & motor is stopped, then stop the engine.



- (c) Connect the hose to the bleeder plug for either right or left front damping force control actuator.
- (d) Loosen the bleeder plug.

CAUTION:

While the fluid is being discharged, the vehicle height is lowered suddenly.

- (e) When the emulsified fluid containing air is discharged, retighten the bleeder plug.

Torque: 8.3 N·m (84 kgf·cm, 73 in·lbf)

- (f) Perform steps (c) to (e) for damping force control actuator on the right or left rear side.
- (g) Repeat the step (b) to (f) for left and right damping force control actuators alternately.
- (h) Start the engine on a level place. Adjust the vehicle height to "N" position with the vehicle unloaded.
- (i) Check that the fluid level in the reservoir tank is within the standard range.

NOTICE:

Temperature should be normal (20 °C, 68 °F).