



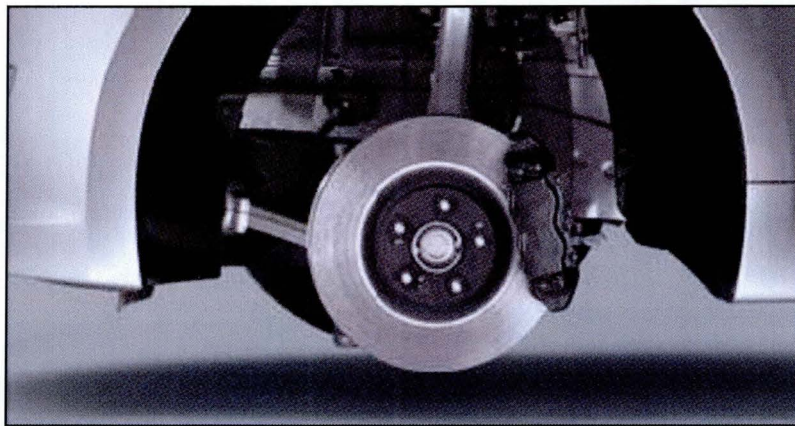
HYUNDAI | NEW THINKING.
NEW POSSIBILITIES.

Technical Service Bulletin

GROUP BRAKES	NUMBER 14-BR-001
DATE APRIL 2014	MODEL(S) GENESIS SEDAN (BH) EQUUS (VI)

SUBJECT: GENESIS SEDAN (BH), EQUUS (VI)
4-PISTON CALIPER SERVICE BRAKE BLEEDING PROCEDURES


Description: This bulletin describes the procedure to properly bleed the service brake system of a vehicle equipped with 4-piston fixed front calipers with dual bleeder valves.



Applicable Vehicles:

Genesis sedan (BH) and Equus (VI) vehicles equipped with 4-piston front brake calipers

Parts Information:

PART NAME	PICTURE	PART NUMBER	REMARKS
DOT 4 Brake Fluid		00232-19053	DOT 4 is preferred to DOT 3 fluid.

Warranty Information:

OP CODE	OPERATION	OP TIME
58700A00	BRAKE FLUID – ADJUSTMENT (AIR BLEEDING)	0.4 M/H

Circulate To: General Manager, Service Manager, Parts Manager, Warranty Manager, Service Advisors, Technicians, Body Shop Manager, Fleet Repair

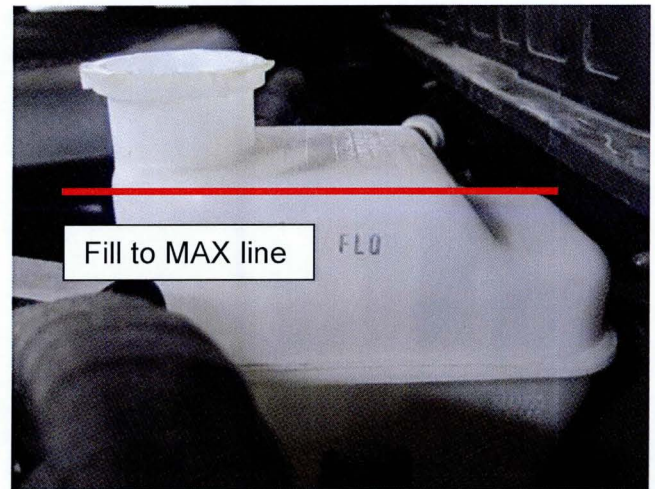
Service Procedure: Service Brake Line Air Bleeding

1. Locate the brake master cylinder, remove the cap, and fill the reservoir to the MAX line with brake fluid.

Reinstall the master cylinder cap.

*** NOTE**

If any brake fluid is spilled, immediately clean the spill by generously flushing water over the area.



2. Lift the vehicle on a hoist and remove the hub covers from all four wheels. Remove all lug nuts and wheels.

*** NOTE**

Tightening torque:
90~110 N.m (9~11 kgf.m, 65~80 lb-ft)



3. **Start at the RIGHT REAR brake assembly.**

Connect one end of a bleeding line to the bleeder screw nipple, and then place the other end in a container to collect brake fluid as it is released.



4. Pump the brake pedal 3 times and then hold the pedal down to pressurize the system.

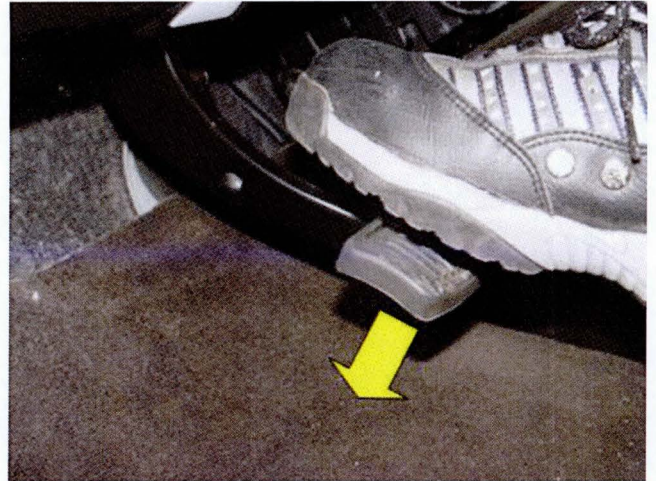
While holding the brake pedal down, open the bleeder to release brake fluid. After fluid is released, close the bleeder, and release pressure from the brake pedal.

*** IMPORTANT**

DO NOT release the brake pedal until after the bleeder screw is fully closed.

*** NOTE**

**Bleeder screw tightening torque:
6.9~12.7 Nm (0.7~1.3 kgf.m, 5.1~9.4 lb-ft)**

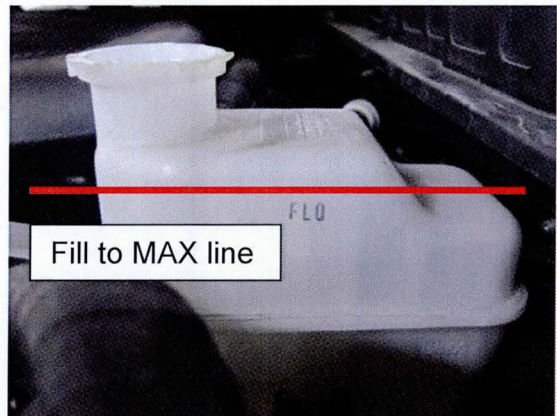


5. Repeat step 4 until no air bubbles appear in the fluid.

*** NOTE**

DO NOT allow the fluid level to drop below the MIN line. If the level drops below MIN at any time during this procedure, it is required to start the bleeding process over, starting from the RIGHT REAR brake assembly.

6. Refill the reservoir to the MAX line with brake fluid.

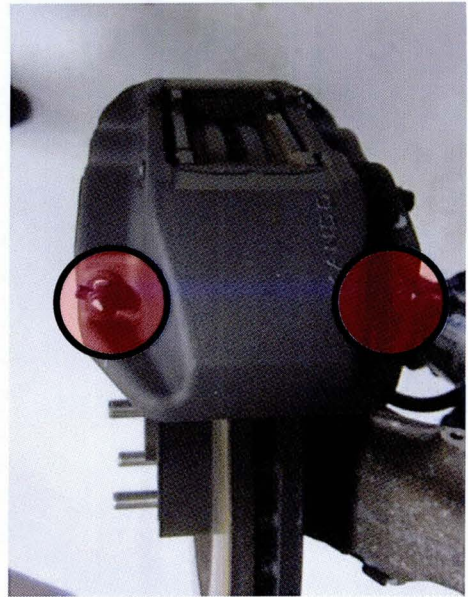


7. ***Move to the FRONT LEFT wheel.***

Repeat the process described in steps 3-6.

*** NOTE**

Vehicles equipped with 4-piston fixed-type front calipers have 2 bleeder screws (one inside, one outside). For these models, bleed the outside first (until no air bubbles appear in the fluid) then move to the inside bleeder (until no air bubbles appear in the fluid).



8. ***Repeat steps 3-6 at the REAR LEFT wheel, then the FRONT RIGHT wheel.***
9. Reinstall all 4 wheels, remove the vehicle from the lift, and verify proper brake operation to complete the service brake line air bleeding procedure.