

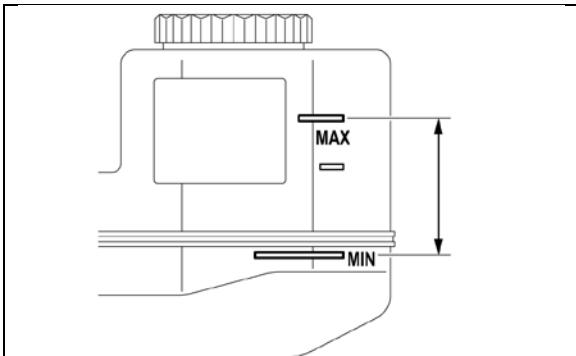
X. BRAKE SYSTEM BLEEDING PRECAUTIONS



CRITICAL INFORMATION – READ THOROUGHLY

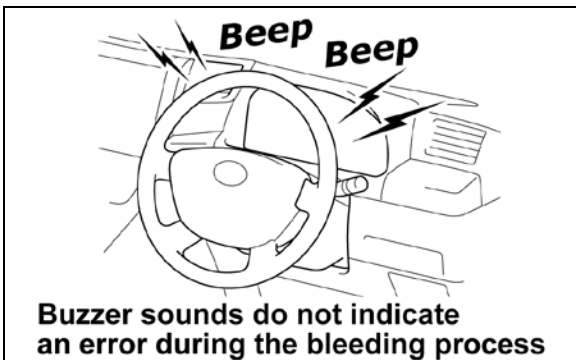


These cautions should be observed when bleeding the brake system. Failure to follow these cautions could result in damaged parts or inadequate repair quality.



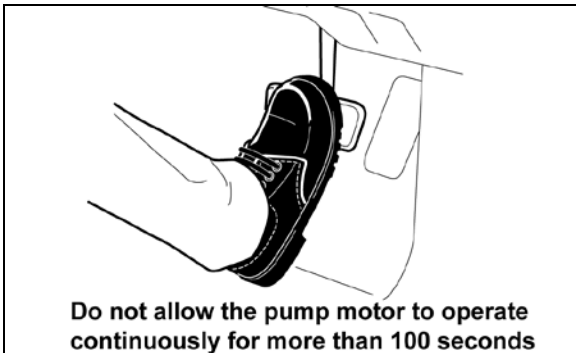
1. FLUID LEVEL

- To prevent air entering the brake system, **ALWAYS** maintain the fluid level between the MIN and MAX lines.



2. WARNING BUZZER

- A buzzer may sound during the bleed procedure indicating a pressure decrease, this is normal.



3. PUMP MOTOR

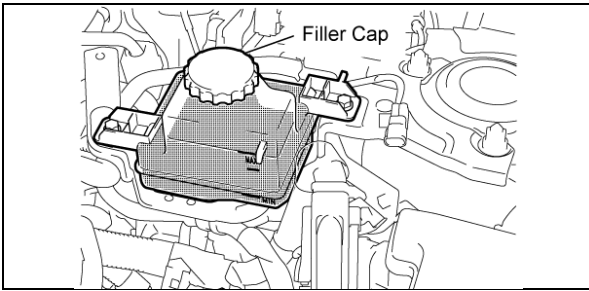
- To avoid potential damage to the pump motor, **DO NOT** allow the motor to operate continuously for more than 100 seconds. To stop the motor from operating, release the brake pedal.



4. DTCs

- It is normal for DTCs to be set when bleeding the system. DTCs should be cleared when instructed to do so.

XI. BRAKE SYSTEM BLEEDING



1. RAISE THE VEHICLE AND REMOVE THE WHEELS

2. FILL THE RESERVOIR WITH BRAKE FLUID

- Fill the reservoir between the MIN and MAX indicators.

3. REINSTALL THE SERVICE GRIP

4. RECONNECT THE BATTERY

NOTE: READY ON may remain inactive after reconnecting the battery. If this happens, open and close the driver door once with IG OFF to reset the system.

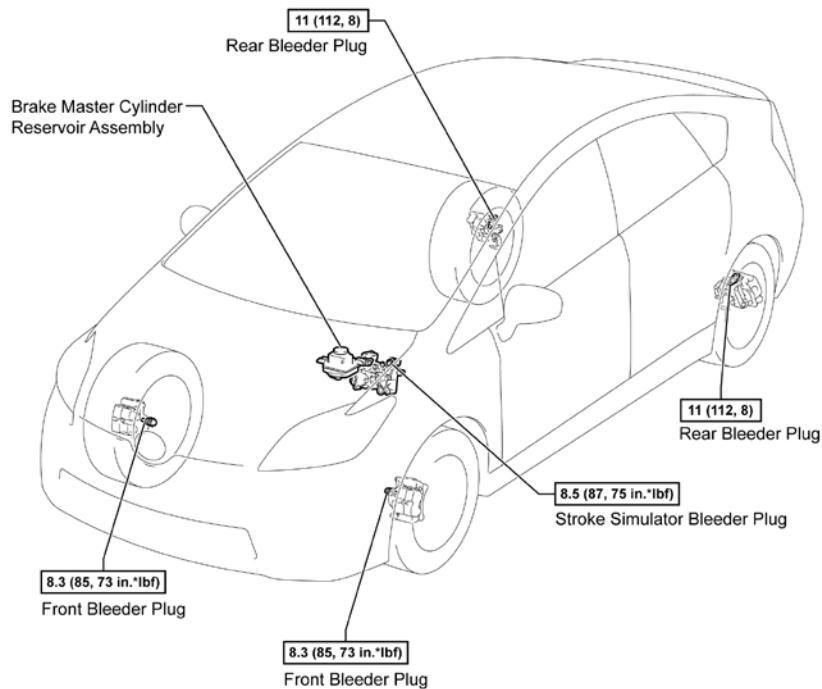
5. BLEED THE BRAKE SYSTEM

- Connect a battery charger.
- Connect Techstream.
- Enter the ABS/VSC/TRAC ECU.
- Click on 'Utility' and select 'Air Bleeding'
- Select 'ABS actuator has been replaced'.



- Carefully read and follow the instructions on the Techstream while bleeding the system. If the instructions are not followed or a mistake is made, start the procedure over again.
- If the accumulator is operated when the reservoir is empty, the accumulator could be damaged. Confirm the fluid level is always between the MIN and MAX indicators.
- If the bleed procedure will not complete successfully after several attempts, it may be necessary to replace the brake booster assembly.

- After bleeding is complete, tighten each bleeder plug to the specified torque.
- Disconnect the battery charger.
- Confirm there is no brake fluid leakage.
- Install the wheels.



\ [N*m (kgf*cm, ft.*lbf)] : Specified torque

XII. FINAL VEHICLE ASSEMBLY

1. REINSTALL THE FRONT WIPER MOTOR AND OUTER COWL TOP PANEL SUB-ASSEMBLY

- Refer to [TIS](#) for installation instructions.

2. INITIALIZE STEERING ANGLE NEUTRAL POINT

- Turn the vehicle to READY ON, then turn the steering wheel all the way to the left then all the way to the right.

NOTE:

- This must be performed with the vehicle on level ground.
- Confirm the parking brake is applied.
- If the system does not set correctly 'System Initializing' will display on the navigation screen and the advance parking guidance system will not function correctly.

3. CHECK AND CLEAR DTCs



If DTC C1345 'Linear Solenoid Valve Offset Learning Undone' is found after the bleeding procedure, the bleed procedure was not completed correctly. Conduct the 'Linear Solenoid Valve Offset Learning' by referring to TIS: Brake / Electronically Controlled Brake System: Initialization. If you continue to have difficulties, contact TAS.

4. PERFORM ISC INITIALIZATION



If the ISC initialization is skipped, a rattle sound may be emitted from the transaxle.

MAINTENANCE MODE

- Connect Techstream.
- Enter the Hybrid Control ECU.
- Click on 'Utility' and select 'Inspection Mode'
- Select '2WD for Measuring Exhaust Gas'
- Confirm 'Maintenance Mode' is displayed on the instrument cluster, then READY ON the vehicle.
- Enter the Engine and ECT ECU and go to the data list.
- Warm up the engine until the coolant temperature exceeds 158°F (70°C).
- Turn IG OFF and then back to READY ON.
- Start the engine by depressing the accelerator pedal.
- Wait until the engine stops, then confirm the ISC Learning reads 'Compl'.

NOTE: The engine normally automatically stops within 1 minute; however, if the battery charge is low it may take longer.

5. TEST DRIVE THE VEHICLE

21) - 10815		
User Help		
Data Engine and ECT Live		
Parameter	Value	Unit
Coolant Temp	170	F
ISC Learning	compl	