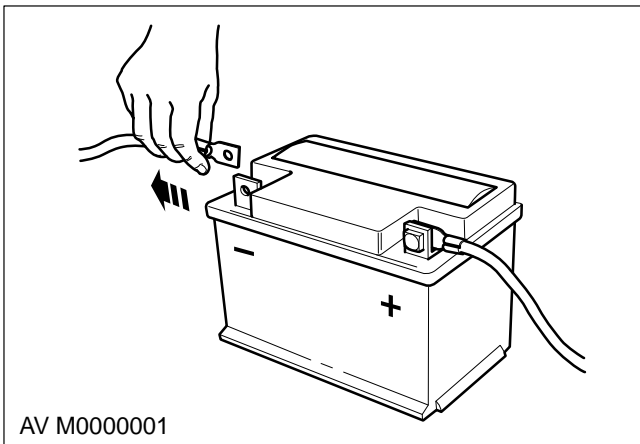
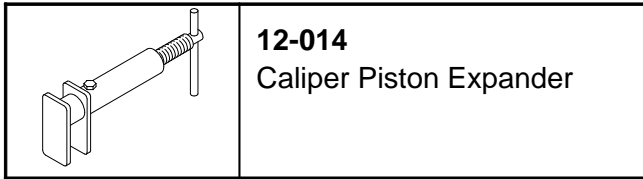


## Brake System – Hydraulic Fluid – Replace (12 154 0)

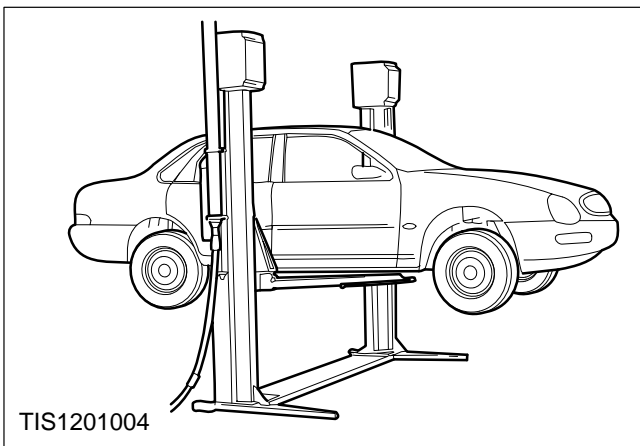
### Special Tools



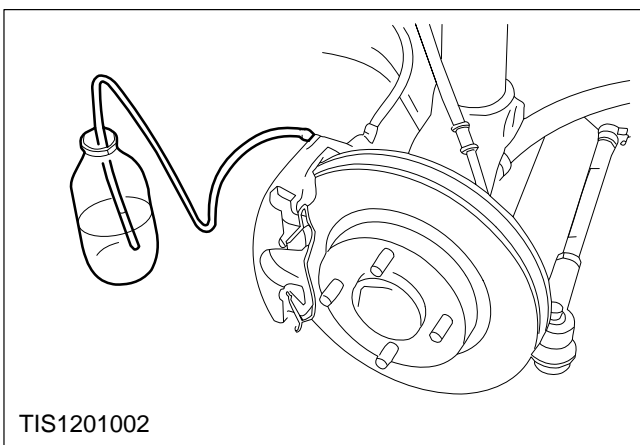
### Repalce

**⚠ CAUTION:** Care must be taken to avoid spilling brake fluid onto painted surfaces. If spillage occurs it must be washed off immediately with cold water.

**1. Disconnect the battery earth lead.**

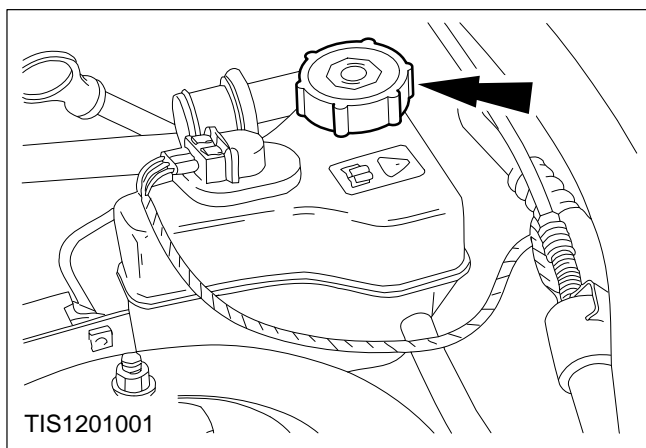


**2. Raise the vehicle.**



**3. Fit a bleed tube to both the front caliper bleed nipples.**

**4. Place the ends of the bleed tubes in suitable containers and unscrew the bleed nipples by one full turn.**



**NOTE:** Ensure the filler cap does not become contaminated.

**5. Remove the brake fluid reservoir filler cap.**

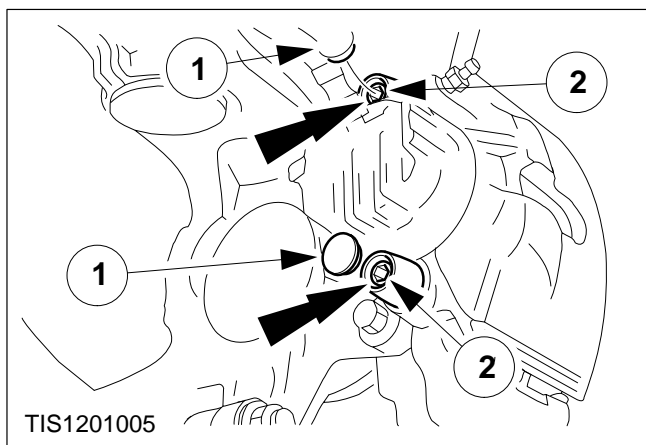
**6. Purge the front circuits.**

- 1 Depress the pedal fully, pumping brake fluid into the jar, and allow the pedal to quickly return to the 'rest' position.
- 2 Pause briefly to allow full recuperation of the master cylinder.
- 3 Continue pumping until all the fluid is purged and air is pumping into the container.

**7. Remove the front road wheels.**

**8. Remove the left-hand caliper piston housing.**

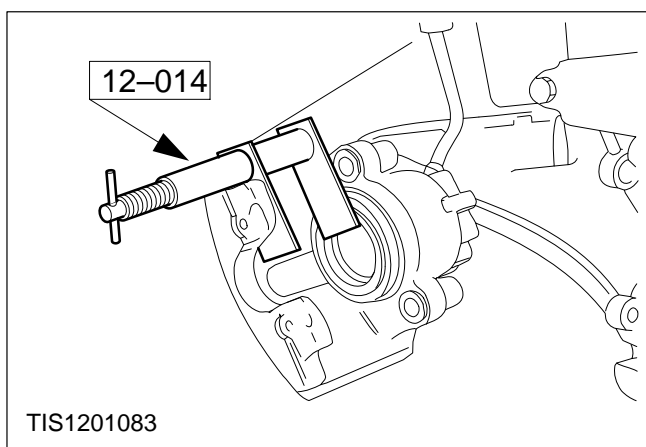
- 1 Remove the protective caps.
- 2 Remove the retaining bolts.

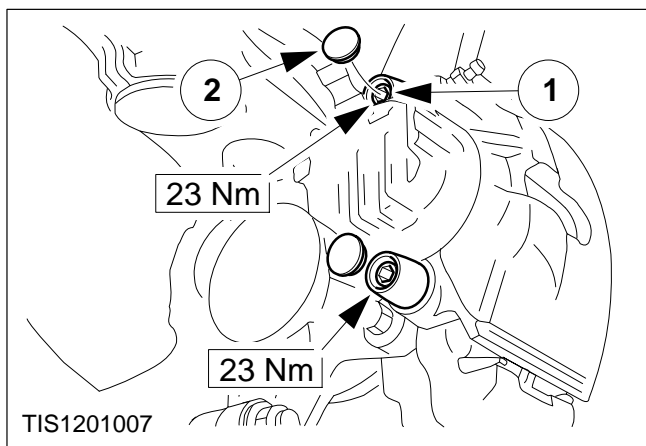


**9. Fully retract the piston.**

**10. Pump the brake pedal until only air is being pumped out.**

**11. Tighten the bleed nipple.**



**12. Refit the caliper piston housing.**

- 1 Refit the retaining bolts.
- 2 Refit the protective caps.

**13. Repeat operations 8 to 12 for the remaining opposite caliper piston assembly.****14. Refit the front road wheels.****15. Bleed the braking system as described in Operation No. 12 141 0.****16. Reconnect the battery earth lead.**