**Brake Bleeding Methods And Procedures**

Chapter 97

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**ACROSS**

1. __________ is a common method used to bleed the brake hydraulic system.

3. Tap on the end of the bleeder valve with a steel hammer after applying a penetrating oil to help lubricate the threads of the bleeder valve, this shock often __________ at the base of the bleeder valve.

10. When performing the __________ method, the heat expands the size of the hole and usually allows the bleeder to be loosened and removed.

11. After using penetrating oil, use an __________ near the bleeder valve while attempting to loosen the bleeder valve at the same time.

12. The __________ should be open only when the brake pedal is being depressed.

13. __________ the master cylinder is necessary whenever replacing it.

14. Another name for manual bleeding is __________ __________.

15. One sign that the brakes need to be bled is a __________ or soft feeling brake pedal.

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**DOWN**

2. __________ is a slow, but effective, method that will work on many vehicles to rid the hydraulic system of air.

4. __________ is another name for pressure bleeding.

5. One sign that the brakes need to be bled is a need to __________ the brake pedal before they stop the vehicle.

6. Step 1 of the __________ method is to heat the bleeder valve itself with a torch.

7. __________ uses a special suction pump that attaches to the bleeder screw.

8. __________ is removing any trapped air from the hydraulic system.

9. When performing the __________ method, step 2 is to use a 6-point wrench or socket, tap the bleeder valve in the clockwise direction.