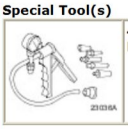
General Procedures

Special Tool(s)

	416-D001 Hand Vacuum Pump/Pressure Pump

Materials

Name	Specification
Brake Fluid - Super DOT4	ESD-M6C57-A

WARNING: Brake fluid contains polyglycol ethers and polyglycols. Prevent eye contact. Wash your hands thoroughly after handling. If brake fluid contacts the eyes, flush the eyes for 15 minutes with cold running water. Get medical attention if irritation persists. If taken internally, drink water and induce vomiting. Get medical attention immediately. Failure to follow these instructions may result in personal injury.

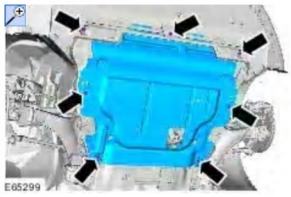
CAUTION: If brake fluid is spilt on the paintwork the affected areas must be washed down immediately with cold water.

NOTE: If proprietary brake bleeding equipment is available, this can be used to bleed the clutch system, following the method below. The maximum pressure must not exceed 1.5 bar.

NOTE: The clutch system is self-venting. The components are arranged in such a way that small amounts of air trapped in the system are removed automatically during clutch operation.

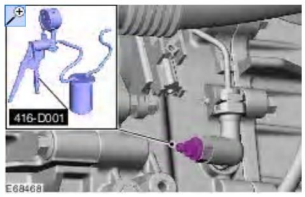
1. Empty the brake fluid reservoir.
2. Raise the vehicle.

   Refer to: Lifting (100-02 Jacking and Lifting, Description and Operation).
   Refer to: Jacking (100-02 Jacking and Lifting, Description and Operation).



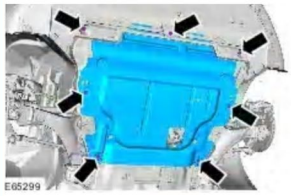
3. Remove the engine undershield.
4. Fill the reservoir on the special tool with about 100 ml of new brake fluid.

   Material: Brake Fluid - Super DOT4



5. NOTE: Make sure that the special tool reservoir is positioned lower than the bleed nipple.
   Special Tool(s): 416-D001
6. NOTE: Fill the clutch system with about 80 ml of brake fluid.
   Bleed the clutch system using the special tool.

   Material: Brake Fluid - Super DOT4
7. Close the bleed nipple.
8. Detach the special tool.
9. Install the engine undershield.



10. Lower the vehicle.
11. In order to remove any small amounts of trapped air remaining in the system, operate the clutch pedal several times (maximum five times), using the full clutch pedal travel.
12. Check the level of fluid in the brake fluid reservoir and if necessary top up the reservoir with brake fluid to the MAX mark.

    Material: Brake Fluid - Super DOT4
13. Test the clutch control system for normal operation.