



C4 1984-1996 Differential Drain Plug Installation Instructions

Caution: A manual transmission Corvette has a 15mm hex-head bolt at the bottom of the differential cover where the template goes. An automatic transmission Corvette has a 13mm hex-head bolt at the bottom of the differential cover where the template goes. We have seen a few automatic cars with manual transmission differentials installed.

Note: Some aftermarket Y-pipes will not allow access to the drain plug. Drop the mufflers and Y-pipe in order to gain access. You do not need to remove the Y-pipe and mufflers, just remove the muffler retaining bolts and let the system hang while servicing the car.



1. Remove the differential fill plug.



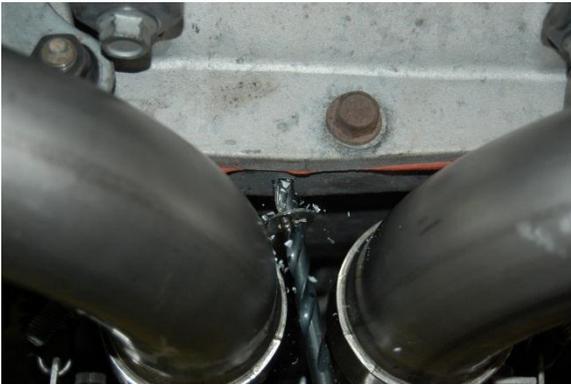
2. Fold the template on the dotted line.



3. Place the template over the bottom differential bolt.



4. Center the punch on the template. 15mm hex-head manual transmission cars use outboard hole; 13mm hex-head automatic transmission cars use inboard hole.



5. Start the 5/16" drill bit; drill in approximately 1/8." Once the drill bit starts, angle the bit 15° towards the center of the Y-pipe. Drill in 1/2" until the fluid starts to drain.



6. When the fluid stops draining, finish drilling until you reach the stop point on the drill bit.



7. Start the 1/8" NPT tap into the hole at the approximate angle that the drill bit went into the differential housing- to the stop on the tap. The hole needs to be at an angle of at least 15° to miss the bottom differential cover bolt; it also aids drain plug access.



8. Flush the differential with brake cleaner at least twice. Use the brake cleaner to clean the outside of the differential and the exhaust pipes as necessary.



9. Install the drain plug.



10. Fill the differential with Mobil 1 75W90 synthetic or your choice of fluid. A bottle of GM limited slip additive is also recommended.