



Crown Automotive Sales Co., Inc.

Installation Instructions for A904, A999 Deep Transmission Oil Pan

- 1- Before beginning, purchase 5 quarts of the recommended Transmission Fluid. Typically, a filter change uses 4 quarts, so allow for the extra volume of the new pan.
- 2- Allow the vehicle to cool completely. Chock the front and rear wheels and lift the vehicle, setting it securely on jack stands.
- 3- If the transmission pan has a drain plug remove it, allowing for all the fluid to drain out into an appropriately sized drain pan. Once the fluid stops draining, loosen all the hardware about 3 turns and ensure the pan is free from the housing. Remove the rest of the hardware, place the pan aside and keep the hardware.
- 4- If the transmission does not have a drain plug then loosen all the hardware about 3 turns and ensure the pan is free from the housing with a putty knife or something similar that will not damage the housing. Then remove all the bolts except for 2 on one side, which should allow the pan to tilt and drain the fluid out in a predictable fashion. Once the maximum amount of fluid has been drained remove the rest of the hardware and place the pan aside and keeping the hardware.
- 5- Clean the mating surface on the transmission with a razor blade and some parts cleaner to remove all traces of the old gasket and sealant.
- 6- Remove the old filter from the Valve Body by removing the three screws. With the washers installed on the screws provided, slide the screws through the holes in the new filter and slide the new pick-up spacer onto the screws with the o-ring side up. Install this assembly onto the valve body and install the screws. Torque the screws to 35 In. Lbs.
- 7- Attach the new Gasket and Pan to the transmission using the factory hardware, ensuring that the gasket aligns correctly and does not rip. Then torque the hardware to 150 In. Lbs and tread the drain plug into the transmission pan and torque to 25 Ft. Lbs.
- 8- Lower the vehicle to the ground and add enough transmission fluid so that it registers on the dip stick. (be aware that after pouring transmission fluid down the dip stick tube that it will be inaccurate for a few minutes due to the fluid on the walls of the tube)
- 9- Start the vehicle and place it in neutral. Allow the vehicle to get up to its optimal operating temperature.
- 10- Cycle the transmission shifter a few times, keeping it in each gear for 10-15 seconds and place the vehicle in neutral once again.
- 11- Check fluid again and add if necessary in order to get it to the recommended level.
- 12- Check the vehicle for leaks and ensure that the fluid is at the recommended level after each of the first few trips (remember, it has to be in neutral when checking) and re-torque the transmission pan bolts and drain plug after 100 and 500 miles.

