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# Torqueflite A904 & A999 Deep Transmission Oil Pan Installation Instructions

### REQUIRED TOOL LIST:

- \* Safety Glasses
- \* Metric / Standard Sockets & Wrenches
- \* Putty Knife / Scraper
- \* Floor Jack
- \* Jack Stands
- \* Drain Pan
- \* Torque Wrench



Before beginning the installation, thoroughly & completely read these instructions & the enclosed driver's WARNING NOTICE. Affix the WARNING decal in the passenger compartment in clear view of all occupants. Please refer to the Parts List to insure that all parts & hardware are received prior to the disassembly of the vehicle. If any parts or hardware are found to be missing, contact SKYJACKER® Customer Service at 318-388-0816 to obtain the needed items. If you have any questions or reservations about installing this product, contact SKYJACKER® Technical Assistance at 318-388-0816.

### Component Box Breakdown:

#### Part #: OPA999

Item #	Description	Qty	Item #	Description	Qty
TRANS PAN	TRANSMISSION OIL PAN	1	O-RING	RUBBER O-RING	1
TRANS FILTER	TRANSMISSION FILTER	1	NYLON WASHER	NYLON WASHER	1
TRANS GASKET	TRANSMISSION PAN GASKET	1	#10-24 BOLT	#10-24 X 2 1/8" HEX BOLT	3
TRANS ADAPTER	TRANSMISSION ADAPTER	1	#10 WASHER	#10 FLAT WASHER	3
DRAIN PLUG	TRANSMISSION DRAIN PLUG	1			

### Installation:

1. Allow the vehicle to cool completely before beginning this installation.
2. Purchase five quarts of the recommended transmission fluid for the vehicle. **Note:** Typically a transmission filter change requires four quarts of the recommended transmission fluid, so allow for the extra volume of the new Skyjacker transmission oil pan.
3. Park the vehicle on a level concrete or asphalt surface, set the emergency brake & block the rear tires / wheels.
4. Raise the front of the vehicle using a floor jack & support the frame rails using jack stands.
5. If the OEM transmission oil pan has a drain plug, remove the OEM drain plug in order for all of the transmission fluid to drain into a drain pan.

6. Once the transmission fluid stops draining, loosen all of the OEM transmission oil pan bolts about three turns & ensure the OEM transmission oil pan is free from the transmission housing. Once the OEM transmission oil pan is free, remove the OEM transmission oil pan.
7. If the OEM transmission oil pan does not have a drain plug, loosen all of the OEM transmission oil pan bolts about three turns & ensure the OEM transmission oil pan is free from the transmission housing using a putty knife or similar tool. **Note:** Be careful not damage the transmission housing.
8. Remove all of the OEM transmission oil pan bolts, except for two on one side. This will allow the OEM transmission oil pan to tilt & drain the transmission fluid into a drain pan.
9. Once the transmission fluid has been drained, remove the two remaining OEM transmission oil pan bolts & remove the OEM transmission oil pan.
10. Clean the mating surface on the transmission with a gasket scraper & parts cleaner to remove all traces of the old gasket / sealant.
11. Remove the OEM transmission filter from the OEM transmission valve body by removing the three OEM bolts. With the supplied washers installed on the supplied bolts, slide the new bolts through the three holes in the new Skyjacker transmission filter & slide the new Skyjacker adapter spacer with the new Skyjacker O-ring onto the new bolts with the o-ring side up. Install this new assembly onto the OEM transmission valve body & torque the new bolts to 35 In. Lbs.
12. Install the new Skyjacker transmission oil pan gasket & new Skyjacker transmission oil pan to the transmission using the OEM hardware & torque the OEM bolts to 150 In. Lbs.
13. Install the new Skyjacker drain plug into the new Skyjacker transmission oil pan using the supplied nylon washer & torque to 25 Ft. Lbs.
14. Lower the vehicle to the ground & add enough transmission fluid so that it registers on the OEM transmission dip stick. **Note:** Be aware that after pouring transmission fluid down the OEM transmission dip stick tube, that it will be inaccurate for a few minutes due to the fluid on the walls of the OEM transmission dip stick tube.
15. Start the vehicle, place the transmission in neutral, & allow the vehicle to get up to its optimal operating temperature. Cycle the transmission shifter a few times, keeping it in each gear for 10-15 seconds & place the vehicle in neutral once again.
16. Check the transmission fluid again & add if necessary in order to get it to the recommended fluid level.

### **Final Notes:**

- After the first 100 miles, check all of the hardware for the proper torque & periodically thereafter.
- Check the vehicle for leaks & ensure that the transmission fluid is at the recommended fluid level after each of the first few trips. **Note:** The transmission is required to be in neutral when checking the transmission fluid level.