



Installation and Troubleshooting Guide

This installation is to be completed by an Authorized Dealer or Professional Service Technician. For questions regarding installation or warranty, call Technical Support at (800) 648-3976. Do not return to the Dealer or Distributor where the part was purchased. Contact Sierra Directly for Return Goods Authorization.

SIERRA P/N: 18-99524

This unit replaces CDI P/N: 551-33-1

This unit comes with a threaded filler nozzle which fits most Chrysler, Evinrude, Force, Johnson, Mariner, and Mercury outboards. The adapters for Suzuki, Tohatsu, Volvo, and Yamaha lower units are also included. If an adapter for the Mercruiser outdrive is needed, please order P/N: 18-99536.

1. Unscrew the pump assembly from the top of the gearcase filler and add enough gear lube into the gearcase filler to fill the desired gearcase without running out prematurely.
2. After draining the lower unit as you normally would, install the check valve and the long clear hose assembly into the upper vent hole (See Fig. 1). We recommend that you put the hose end into a recovery container.

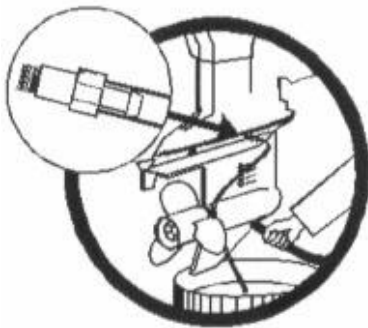


Fig. 1

3. Pressurize the tank using the hand pump. Normally, 8-10 pumps are more than sufficient depending on the temperature of the gear lube.
4. Thread the nozzle into the lower hole (as shown in Fig. 1) and turn the valve lever on.
5. When oil starts running out of the top overflow, turn the valve lever off.
6. Take a few minutes to let the gear lube settle and purge out in air bubble inside the gearcase.
7. Open the check valve one more time to allow gear lube to fill the gearcase completely. When oil starts running out of the top overflow, turn the valve lever off.
8. Remove the nozzle and quickly replace the lower screw. (The check valve that is screwed in the vent hole should prevent an excessive amount of oil from being lost).
9. Remove the check valve assembly from the vent hole and replace the upper screw.
10. Start and run the engine for about 5 minutes.
11. Shut the engine off and recheck the oil level. (Some gearcases have been found to need about 2 ounces additional oil when the engine has been run after filling.)
12. Top off the gearcase by adding additional oil.

CHANGING NOZZLE TIPS

1. Lightly grasp the nozzle tip with one hand and using the change tool provided, push down on the retainer ring located at the base of the nozzle tip. Gently pull the tip out, using a twisting motion. Release the retaining ring.
2. Push the new nozzle tip straight in until it seats.

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Web Support: www.catalog.sierraparts.com • Technical Support and Customer Service (800) 648-3976

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