



Oil Change Directions:

SDG Motorsports recommends that the oil be changed with the supercharger removed so all the oil can be drained. SDG Motorsports will soon be coming out with a kit with comprehensive instructions that allows even the least-mechanically inclined individual to remove the supercharger from the vehicle using basic tools and an engine hoist. However, the oil change procedure can still be conducted if the user chooses to do so. In either case, the vehicle needs to have the appropriate components removed to allow access to the rear of the supercharger.

STEP 1: Lay some shop rags below the Supercharger in case of a spill. Remove the upper and lower gear case plug. Clean any particulates on the magnets.

STEP 2: Remove the oil from the gear case.

If the supercharger is out of the vehicle, the best way to remove the oil is to tip the supercharger backwards (pulley up) so that all of the oil can drain out. Be sure that the supercharger is supported properly so that no damage can be done to the supercharger. Let the supercharger drain for at least 30min to give the old oil a chance to fully drain from the gear box. SDG Motorsports is not responsible for any damage done to the supercharger due to negligence during the oil changing procedure. This method is recommended by SDG Motorsports because there is less chance that any old oil and/or sediment is left behind.

If the above method is not desirable by the purchaser, the oil can be removed by utilizing the tube kit supplied by SDG Motorsports to remove as much oil as possible from the gearbox through the open gear case hole. This method must be used if the supercharger is left in the vehicle. If this method is used, the person changing the oil will need to fully clean the tube and the syringe with a high flashpoint solvent and allow them to fully dry before moving to the next step.

STEP 3: Fill the gear box with SDG Motorsports oil, utilizing the syringe and tube to accurately insert the oil into the gear box.

STEP 4: Reinstall the plugs into the gear case. Use Teflon tape to seal the threads as they are pipe threads. Torque to 4.5ft-lb (53in-lb).