

FRAM® SureDRAIN™ Installation & Operation Instructions

WARNING: Avoid direct contact of hot oil or engine components (including SureDRAIN™ Actuator Valve) with your skin: may cause personal injury.

Initial Installation:

1. Remove original drain plug and washer from oil pan and drain oil into appropriate receptacle.
2. Clean drain plug sealing surface on oil pan around threads.
3. Remove SureDRAIN™ Actuator Valve from package and remove attached plastic thread cover.
4. Install SureDRAIN™ Actuator Valve with new copper washer into oil pan by hand until tight and washer is completely seated against oil pan.
NOTE: If valve washer does not completely seat against oil pan due to valve/oil pan interference, do not install SureDRAIN™ Actuator Valve to your vehicle. Replace with your original drain plug and return the SureDRAIN™ product to your authorized dealer.
5. Torque/tighten SureDRAIN™ Actuator Valve to the following specifications:

MODEL #	TORQUE (lb•ft/N•m)
SD1	20/27
SD2	25/34
SD3	20/27
SD4	20/27
SD5	30/41

CAUTION: DO NOT OVER-TIGHTEN, AS DAMAGE TO SUREDRAIN™ ACTUATOR VALVE OR OIL PAN MAY OCCUR.

6. Install Protective Dust Cap onto SureDRAIN™ Actuator Valve and hand-tighten until cap contacts the body hex. **Do not use a tool to tighten cap.**
7. Refill crankcase with oil, re-install oil fill cap and run engine for one minute; shut off and check for leaks.

Normal Operation:

1. For quickest oil drain, remove oil fill cap and set aside.
2. Remove Protective Dust Cap from SureDRAIN™ Actuator Valve.
3. Connect Drain Activation Assembly by threading it onto valve, which opens valve and starts the flow of oil. Drain oil into appropriate receptacle.
4. Remove Drain Activation Assembly, which closes valve.
5. Re-install Protective Dust Cap onto SureDRAIN™ Actuator Valve and hand-tighten until cap contacts the body hex. **Do not use a tool to tighten cap.**
6. Store Drain Activation Assembly.
7. Refill crankcase with oil, re-install oil fill cap and run engine for one minute; shut off and check for leaks.



Please recycle or dispose of used oil/oil filter properly.