

Oil Pump: The Heart of Every Engine

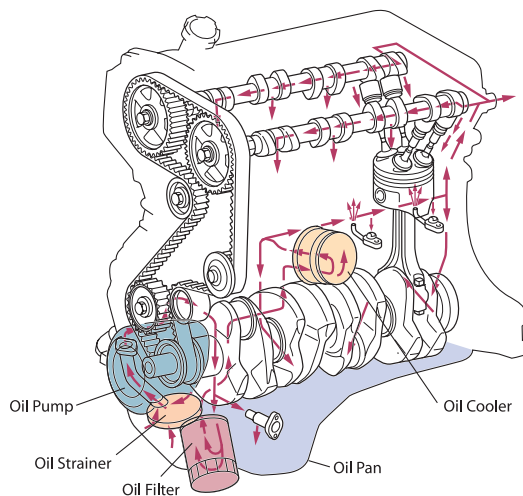
The oil pump is the heart of the engine which lubricates, cools and cleans the vital moving parts of your vehicle. Would you replace your heart with one of lesser quality?

AISIN Oil Pumps are engineered in conjunction with automobile manufacturers during new vehicle development, years before market entry. Using the exact process of development and produced in the same OE manufacturing plants, AISIN Oil Pumps exhibit the quality, durability, and reliability to that of the OE products.

When it is time to change your oil pump, follow these simple steps to get the job done right the first time.

1. Remove old pump, gaskets and foreign materials left on mounting surfaces. Thoroughly clean with non-abrasive solvent. Confirm surfaces, rings and seals are free of damage, deformation, and debris.
2. Use engine oil to lubricate sliding and rotating components of the pump when disassembling, installing or cleaning.
3. Always use new O-rings, gaskets and seals when installing. Ensure O-rings, gaskets and seals are installed and seated properly.
4. Rotors are precision components: Take caution when handling and installing.
5. Ensure there are no contaminants or debris in the pump before installation.
6. Install oil pump in a diagonal (star) pattern. Always follow the manufacturer's recommended tools, procedures, and specifications.
7. Add oil and check for leaks.
8. Start and idle engine until operating temperature is reached. Stop the engine and check oil level. Add oil to proper level.

Operation Diagram



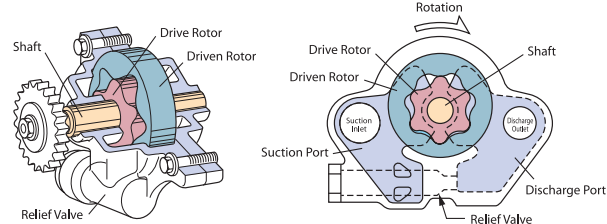
Committed to supplying "Quality" for the aftermarket, AISIN also offers OE quality clutch kits and components, brake and clutch hydraulics, water pumps, and brake components.

AISIN

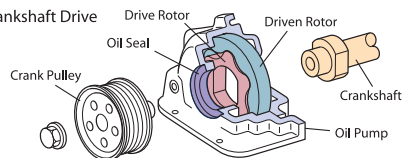
Geared up for the future

Oil Pump Configuration

Chain Drive / Gear Drive



Direct Crankshaft Drive



Drive Systems



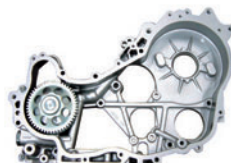
Direct Crankshaft Drive



Integral Unit with W/P
(Front Module)



Chain Drive



Gear Driven
(Integral Unit with Gear Case)