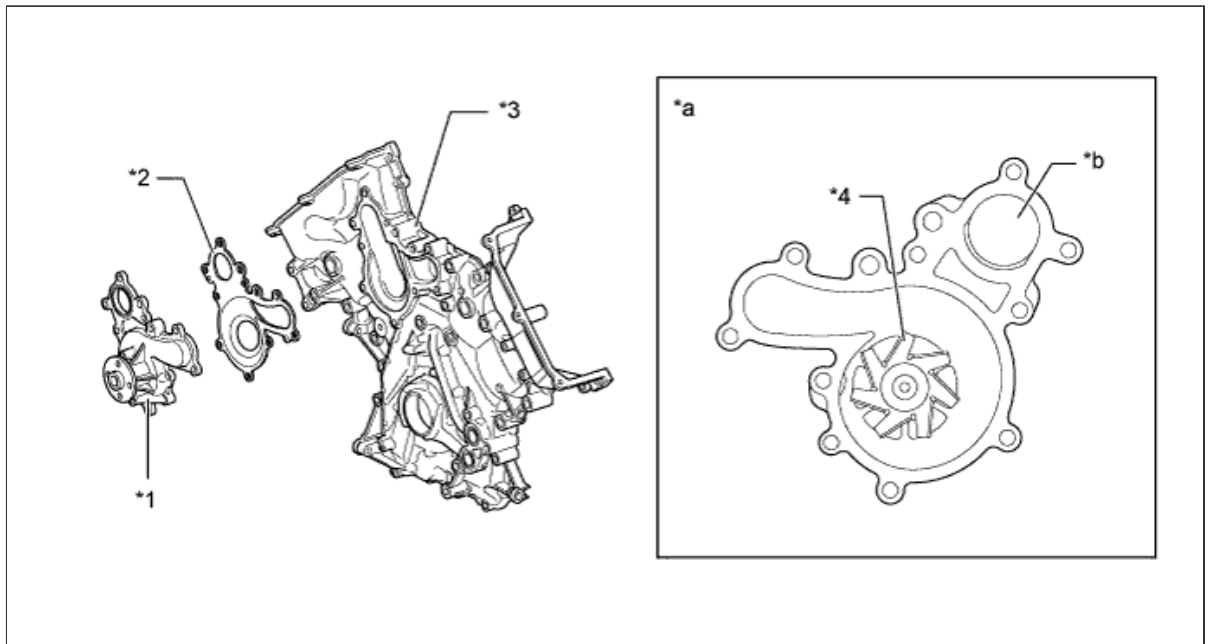


COOLING SYSTEM > DETAILS

CONSTRUCTION

a. Water Pump

- i. A rust-resistant water pump rotor made of stainless steel is used.
- ii. The water pump circulates the engine coolant to the engine coolant distribution pathway located between the left and right banks of the cylinder block.

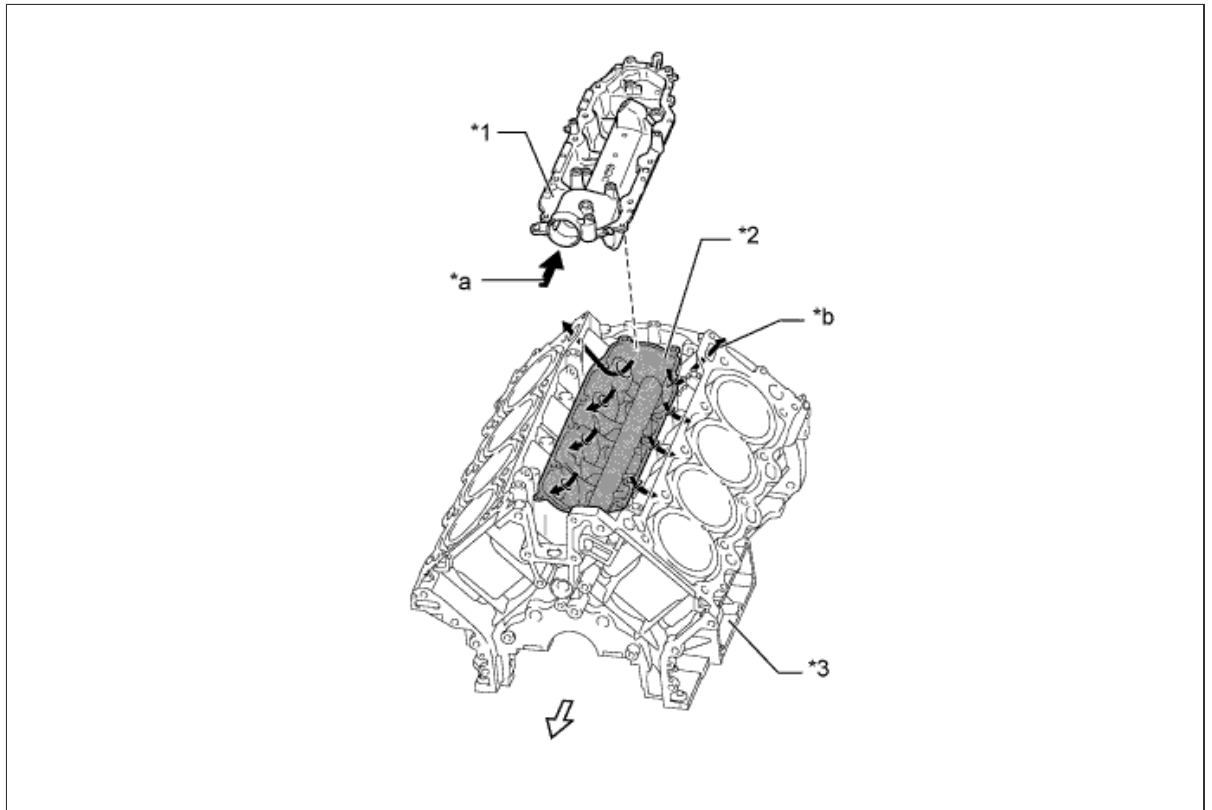


Text in Illustration



*1	Water Pump	*2	Water Pump Gasket
*3	Timing Chain Cover	*4	Rotor
*a	View from Back Side	*b	From Water Inlet Housing

b. Engine Coolant Distribution Pathway

- i. The water pump circulates the engine coolant and directs it to the engine coolant distribution pathway located between the left and right banks. From there, the engine coolant is uniformly distributed to each cylinder of the cylinder block, and is also directly discharged to the cylinder heads. As a result, the cooling performance of the cylinder heads is assured and reliability is improved.



Text in Illustration

*1	Heat Exchanger Cover	*2	Engine Coolant Distribution Pathway
*3	Cylinder Block	-	-
*a	From Water Pump	*b	To Cylinder Head
	Engine Coolant Flow		Front Side

