

Water pump structure

•The water pump has a shaft attached to the pump body via a bearing, and a spiral impeller attached to the end of the shaft. The shaft is fitted with bearings and a mechanical seal to ensure smooth rotation and prevent cooling water leakage.

Water Pump

Wear resistance : Bearings

- Bearings are constantly under load due to the tension of the fan belt. They need to be of a reliable quality that can withstand this tension for a long period of time.

Corrosion resistance Impeller

- In addition to having a shape that allows for optimal performance, the impeller must be made of a material that minimizes corrosion caused by rust and water scale that occurs due to deterioration of the cooling water.

Water leakage proof Mechanical seal

- Mechanical seals, which come into direct contact with the high-speed rotating shaft and prevent cooling water leakage, are required to be highly airtight and durable, as well as made of materials and constructed to prevent abnormal noise.

*Water pump gasket included

	Engine type	Application/Specifications	Part Number	Main unit	remarks
三菱	R16	SP311		¥9,500	GMB
	U20	SR311		¥85,500	NISSAN
	A10, A12, A13 A14, A15	B110 to 310 <small>(Vehicles without air conditioner)</small> <small>(Vehicles with air conditioner)</small>	WPN-021 WPN-029	¥8,670 ¥9,160	AISIN AISIN
	L13 to L18 Z16yZ20 L20B	No coupling	WPN-032	¥7,830	AISIN
	Z22, Z24	With coupling	WPN-02 7	¥22,700	AISIN
	FJ20E, FJ20ET	DR30, S110	WPN-FJ20	¥18,000	KAMEARI
	L20, L24, L26, L28	S30, S130 GC10, HR30	WPN-013	¥7,750	AISIN
	SR18, SR20	S14, S15	WPN-084	¥15,500	AISIN
	RB26DETT	BNR32 BCNR33	WPN-023	¥18,700	AISIN
	Toyota	4K	KP61 KE70	WPT-02 1 WPT-031	¥8,00 0 ¥6,200
2T-G		TE27y47 TA22y27	GWT-46A	¥14,900	GMB
2T-GEU		TE5y71 TA40y61	WPT-087	¥10,100	AISIN
18R-G		RA25 <small>Without coupling</small> <small>Discontinued With coupling</small>	GWT-44A GWT-26AF	¥8,800 ¥27,500	GMB
18R-GEU		RA45y63 No coupling <small>Discontinued With coupling</small>	GWT-27A GWT-27AF	¥8,800 ¥18,700	GMB
4AG		AE86	WPT-052	¥7,700	AISIN
4AG		AE92	GWT-63A	¥7,600	GMB
3M		TOYOTA2000GT	WPT-03M	¥50,000	KAMEARI

