



# Check the Fan Pulley Bracket!

When servicing engine cooling systems, often overlooked are the support components. It is standard procedure to replace the water pump, tensioners, belts, thermostat and sometimes the fan clutch, but did you check the Fan Pulley Bracket? Especially in rear wheel drive cars and trucks with internally mounted water pumps, a Fan Pulley Bracket is sometimes used to support and locate the fan clutch to its ideal cooling position by the radiator. The fan pulley bracket is a vital component that must support the rotating belt pulley system and hold the fan clutch assembly in place to keep your car running at optimal operating temperature.

The fan clutch assembly is a heavy object to support in the air, let alone having it spin thousands of RPM when in motion. Because this bracket endures constant forces applied by the belt system, rotational forces from the spinning fan clutch, and vibrations from the engine, the Fan Pulley Bracket is a critical component that should be checked regularly and replaced when necessary. The bracket and bearing must retain its structural integrity to be able to keep the clutch fan assembly in place.

As we all know, anything that rotates with a bearing will be prone to wear and tear. The bearing must be smooth and durable or else the fan clutch assembly will wobble. The wobble may cause uneven belt tension that may rob your engine of power and decrease the life of the newly installed water pump. In addition, the uneven rotation could even

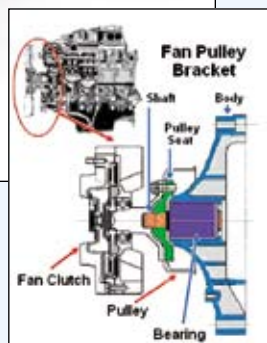
cause the pulley belt to slip off the pulley, stopping the cooling performance and other vital engine functions. If left alone, the wobble will eventually break down the bearing and the shaft which may ultimately cause the fan clutch assembly to break off and damage other vital components under the hood such as the radiator. Therefore it is vital to replace the Fan Pulley Bracket with a genuine quality part that will withstand the harsh conditions it faces with daily driving.

Unfortunately in most cases, the Original Equipment Manufacturer only offers the complete fan clutch assembly with the bracket, even though the fan clutch or pulley may not need replacement. AISIN offers the Fan Pulley Bracket as an individual component.

Because AISIN Fan Pulley Brackets are engineered and manufactured with the same OE standards and at the same OE plants where our water pumps, fan clutches, and other engine cooling components are made, no details are ignored in their development and manufacturing. The highest quality materials and tooling technology ensure structural stability, optimal positioning and longevity.

To prevent premature bearing failure, AISIN uses the highest quality materials that are machined to exacting OE standards for optimal fitment and longevity. Maximum rotational efficiency and the highest durability are achieved using bearings that match OE quality standards.

Check the Fan Pulley Bracket and replace if necessary with an OE matched AISIN Fan Pulley Bracket to keep the cooling system at optimal efficiency. You are assured peace of mind with an AISIN OE matched product.



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