

Jeep may be up a creek without a belt!!!



Vehicles affected:

2005 Jeep Liberty

Engine Affected:

3.7L V6 (VIN K)

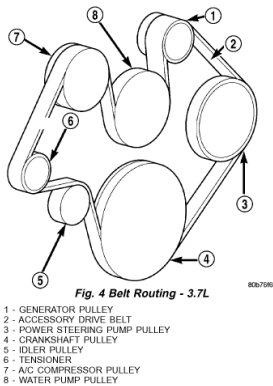
Customer complaints:

Serpentine belt squeal noise at idle, in drive, in wet conditions.

Serpentine belt completely stops driving the accessories in wet conditions.

Cause:

Water gets in between the crank pulley and the serpentine belt, drive friction is lost and even though the engine is still running, the belt completely stops and or creates squeal noises. Due to poor system geometry (low wrap angle at crank pulley) this engine is particularly sensitive to complete belt hydroplaning.



Goodyear Gatorback tensioners and belts are **a must** for the Off road enthusiast!

Correction:

To fix this belt slip issue once and for all, check the Goodyear serpentine belt tensioner (49246) and replace the factory belt with a Goodyear Gatorback belt (P/N 4060865). The tire tread like pattern on the Gatorback belt allows for water to exit the area between the crank pulley and the belt.

Put it to the test! Will you be up a creek without a belt?

With the parking brake on, have an assistant start the engine and allow it to warm up. Place the transmission in drive (have you're buddy keep the brake on or GET OUT OF THE WAY!) and turn on the air conditioning. With safety glasses on, stand back and carefully squirt water (spray bottle, or garden hose) onto the crank pulley where the belt first contacts it. This area is best shown on the above belt diagram right near the #4 circle and arrow. Caution! Be careful. Do not get your hands near the belt, fan or any other pulleys. If you have the original stock system, the belt will most likely start squealing or completely stop. The Gatorback solution will be obvious!