

Verify the customer concern.

2.

Visually inspect for obvious signs of mechanical damage.

Visual Inspection Chart

Mechanical
Damaged or contaminated accessory drive belt Damaged or contaminated pulley(s) Incorrect accessory drive belt Incorrect fitment of the accessory drive belt Generator Air conditioning (A/C) compressor Pulley(s) Loose hardware

3.

If an obvious cause for an observed or reported concern is found, correct the cause (if possible) before proceeding to the next step.

DIAGNOSIS AND TESTING > ACCESSORY DRIVE > ACCESSORY DRIVE BELT CONCERNS



NOTE: Do not lubricate the accessory drive belt as potential damage to the accessory drive belt material construction may occur.

Cracking

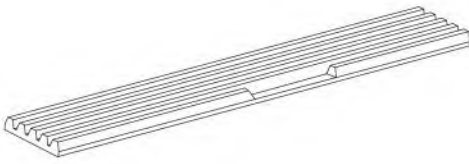
Accessory drive belts are made from rubber which hardens with time and can develop cracks. As the accessory drive belt runs on the back of some of the pulleys, the cracks are opened up. Small cracks are not considered to be a failure of the accessory drive belt. Only if the crack is deep enough to reach the bottom of the groove to expose the cord or any chunks are found to be missing from the accessory drive belt, is the accessory drive belt condition considered to be unacceptable.

1.

Check the accessory drive belt for cracks. If the damage exceeds the acceptable limit, install a new accessory drive belt. REFER to: Accessory Drive Belt .

Chunking

Chunking describes the condition where long lengths of rubber become detached from the ribs of the accessory drive belt. This is considered to be a failure of the accessory drive belt.



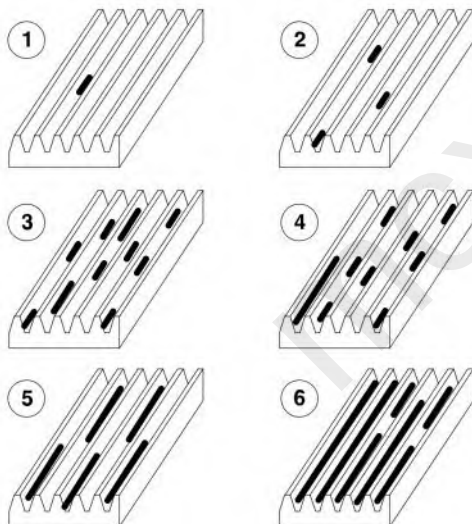
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2.

Check the accessory drive belt for damage. If any chunks are found to be missing, install a new accessory drive belt. REFER to: Accessory Drive Belt .

Pilling

Pilling is dust that forms in between the ribs of the accessory drive belt from rubber that is worn off the accessory drive belt when it is new. There may also be loose particles left on the accessory drive belt during the manufacturing process. These are worn off and form into small balls of rubber that then get trapped in the grooves of the accessory drive belt. This condition will usually clear itself within 4800 km - 8000 km (3000 miles - 5000 miles) of normal driving.



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3.

Check the accessory drive belt for pilling. The condition of the accessory drive belt should be compared against the illustration.

1.

Small scattered pills. Not considered a concern. No action required.