

DIAGNOSIS AND TESTING > ACCESSORY DRIVE > INSPECTION AND VERIFICATION

1.

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