# Ford Super Duty 5.4L V8 Serpentine Belt Replacement

# 2004 F250 4x4 XLT Sport Crew Cab

Back to 2004 F250 Main Page
Click Here for a PDF version of this article

The accessory drive belt was not bad on my truck yet, but I like to replace these well ahead of failure time just to be safe. On my old Ranger, losing a belt meant maybe power steering loss... maybe alternator loss... maybe AC loss... but on newer vehicles with a serpentine belt, it means you lose everything! I typically change these belts early enough that the old one is still good enough to carry with you as a spare in case something bad happens on the road.

Here's the replacement belt I used. Its a Gates belt from NAPA. This is the belt for the 5.4L \*with\* air conditioning. I think the V10 uses the same belt.



This pic is from the shop manual. Removing the belt is as easy as releasing tension on the belt tensioner with a 1/2 drive ratchet, and pulling the belt off of the pulleys.

303-05-1 Accessory Drive 303-05-1

## REMOVAL AND INSTALLATION

# Accessory Drive Belt — With A/C

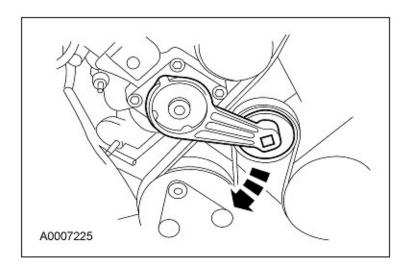
#### Removal and Installation

### 6.0L engine

 Remove the cooling fan stator — 6.0L diesel engine. For additional information, refer to Section 303-03.

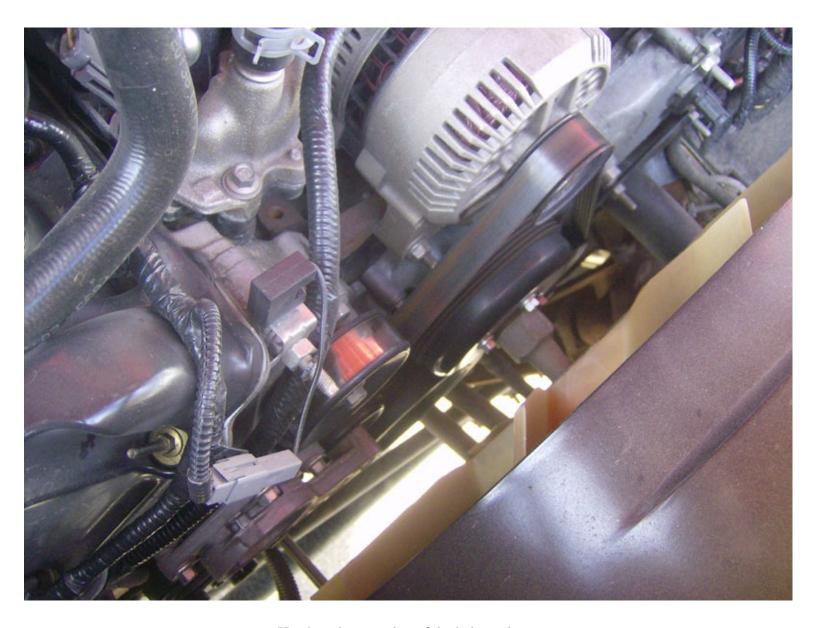
#### All vehicles

Rotate the drive belt tensioner clockwise and remove the drive belt.



 NOTE: Refer to Accessory Drive Belt — With A/C for correct drive belt routing.
 To install, reverse the removal procedure.

Here's a shot of the belt we're about to replace

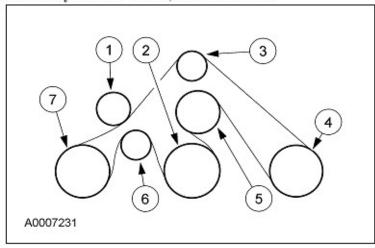


Here's a close-up shot of the belt tensioner



I routed the belt around all the pulleys except for #3, released the tensioner again, and then placed the belt up on pulley #3. I always make a point to lay under the front of the truck to make sure the belt is seated properly in the bottom side of the pulleys.

Accessory Drive - 5.4L, 6.8L with A/C



Item	Part Number	Description
1	8678	Belt idler pulley
2	6312	Crankshaft pulley
3	10344	Generator pulley
4	3A733	Power steering pump pulley
5	8509	Water pump pulley
6	6B209	Drive belt tensioner pulley
7	19D784	A/C clutch pulley

Questions or Comments? Email <u>jmray@frontiernet.net</u>