

24.11 To remove the drivebelt, rotate the tensioner bolt (1), clockwise (2) to relieve belt tension (2007)



24.25 Typical V6 tensioner mounting fastener locations

new drivebelt onto the crankshaft, power steering pump, and air conditioning compressor pulley, then turn the tensioner back, and locate the drivebelt on the pulley. Make sure that the drivebelt is correctly seated in all of the pulley grooves, then release the tensioner. Repeat the same procedure for the outer drivebelt.

V8 engines

10 Remove the air filter housing outlet duct (see Chapter 4).

2007 and earlier models

Riefer to illustration 24.11

11 Place a socket on to the accessory drivebelt tensioner pulley center bolt and rotate the tensioner clockwise to release the drivebelt tension (see illustration). Once tension has been released, remove the belt from the pulleys.

12 With the outer accessory drivebelt removed, place a socket on the air conditioning compressor drivebelt tensioner pulley center bolt and rotate the tensioner clockwise to release the drivebelt tension. Once tension has been released, remove the belt from the pulleys.

13 Starting with the inside belt, install the new drivebelt onto the crankshaft and air conditioning compressor pulley, then turn the tensioner back and locate the drivebelt on the pulley. Make sure that the drivebelt is correctly seated in all of the pulley grooves, then release the tensioner. Repeat the same procedure for the outer accessory drivebelt and reinstall the air filter duct.

2009 and later model supercharger and accessory drivebelts

14 Start with the outer (supercharger) drivebelt, Insert a 1/2-inch drive ratchet or breaker bar into the tensioner square hole and rotate the handle clockwise to release the drivebelt tension. Once tension has been released, remove the belt from the pullers.

15. With the outer supercharger drivebelt.

removed, insert a 1/2-inch drive ratchet or breaker bar into the accessory tensioner square hole and rotate the handle clockwise to release the drivebelt tension. Once tension has been released, remove the belt from the pulleys.

16 Starting with the accessory belt, install the new drivebelt onto the crankshaft and various pulleys, then turn the tensioner back and locate the drivebelt on the pulley. Make sure that the drivebelt is correctly seated in all of the pulley grooves, then release the tensioner. Repeat the same procedure for the outer supercharger drivebelt and reinstall the air filter duct.

2009 and later model air conditioning compressor drivebelt

Note: The air conditioning compressor belt doesn't use a tensioner and must be out to be removed. Make sure you have a new belt before cutting the old belt off.

17 Remove the supercharger and accessory belts (see Steps 14 and 15).

 Remove the splash shield (see illustration 22.4).

19 Disconnect the electrical connector to the charge air cooler pump, then remove the pump mounting nuts and the pump (see Chapter 3).

20 Using a pair of diagonal outlers, cut the air conditioning belt to remove it.

21 Place the new belt to the rear of the crankshaft pulley, making sure the belt is fully seated in the pulley grooves.

22 Install the special belt installation tool on to the air conditioning compressor and place the belt over the tool.

23 Rotate the crankshaft pulley and allow the tool to turn and seat the belt on the compressor pulley.

24 The remainder of installation is the reverse of removal.

Drivebelt tensioner

Refer to Mustration 24.25

25 On V6 models, remove the bolts secur-

ing the tensioner to the engine, then detach the tensioner from the engine (see illustration).

26 On VB models, remove two botts securing accessory tensioner to the engine, then detach the tensioner.

27 On V8 models with superchargers, remove the supercharger tensioner center bolt, then detach the tensioner.

28 Installation is the reverse of removal. Tighten the tensioners boli(s) to the torque listed in this Chapter's Specifications.

25 Automatic transmission fluid and filter change (every 60,000 miles or 48 months)

Refer to illustrations 25.5, 25.8 and 25.9

 Before beginning work, purchase the specified transmission fluid (see Recommended subricants and fluids in this Chapter's Specifications) and a new filter.

2 Other tools necessary for this job include a floor jack, jackstands to support the vehicle in a raised position, a drain pan capable of holding at least 5 quarts, newspapers and clean rags.

 Raise the vehicle and support it securely on jackstands. Note: The vehicle most be level.

4 Place the drain pan underneath the transmission pan. Remove the front and side pan mounting bolts, but only loosen the rear pan bolts approximately four turns. Note: Some early models are equipped with a drain plug in the bottom of the transmission pan. If equipped with a drain plug, drain the fluid from the drain plug before loosening any pan botts.

 Carefully pry the transmission pan loose with a screwdriver, allowing the fluid to drain (see illustration).

6 Remove the remaining bolts, pan and gasket. Carefully clean the gasket surface of

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Phil Edmonston

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