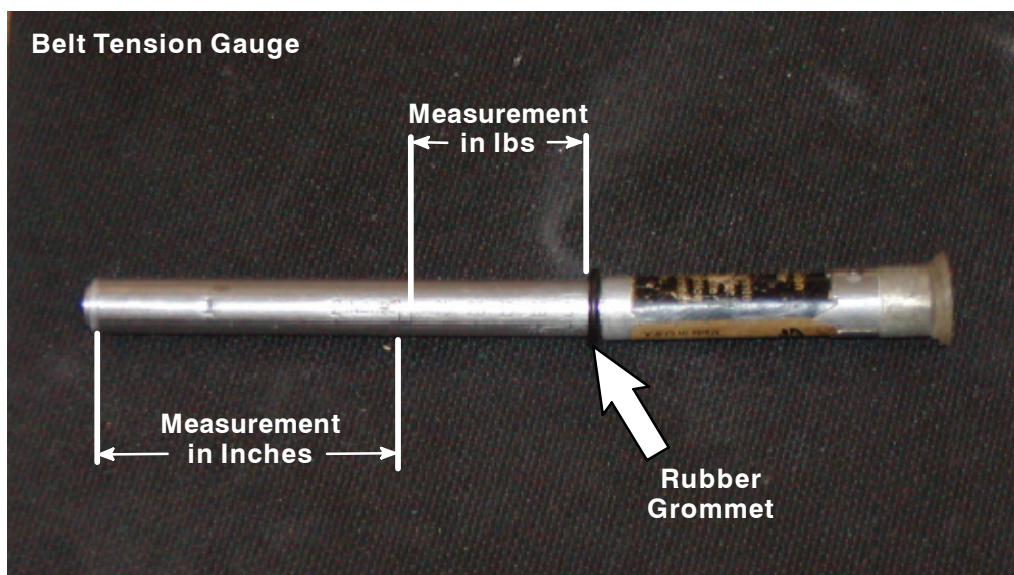
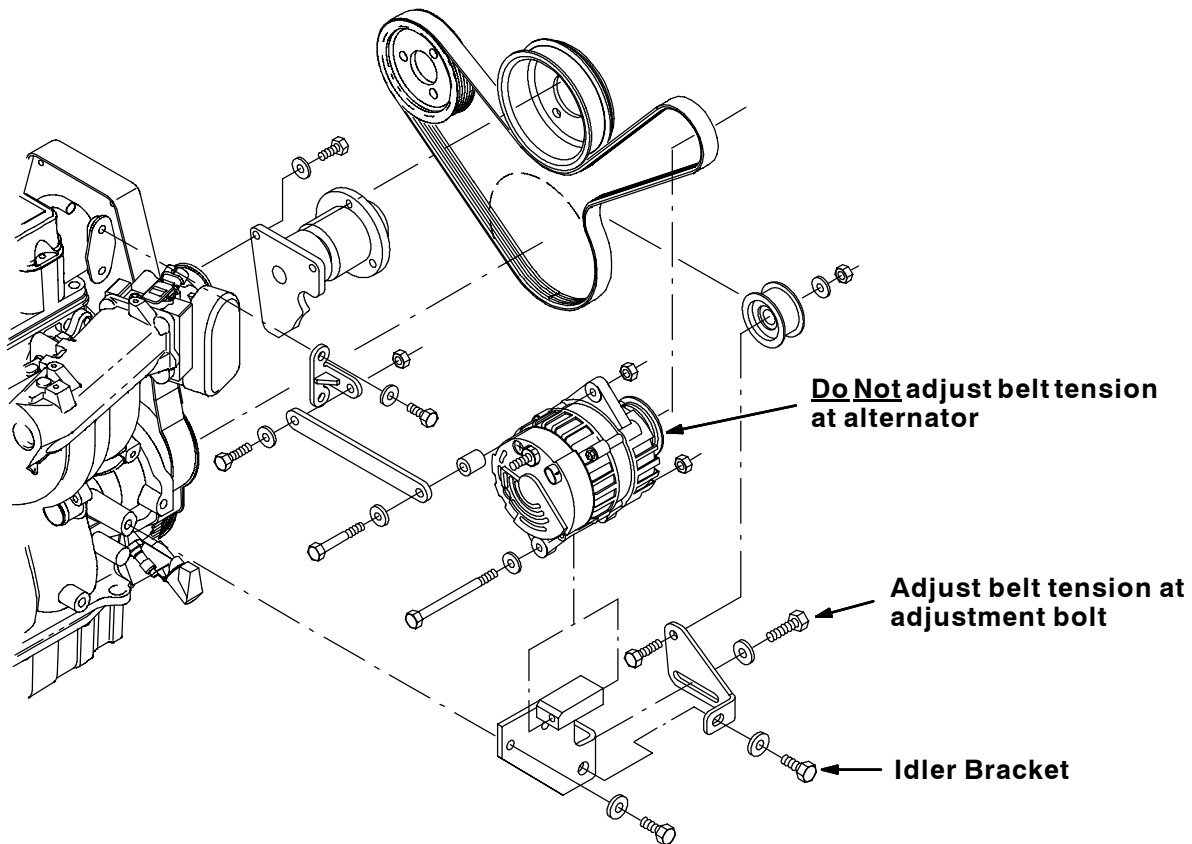




Technical Service Bulletin

MODEL(S) AFFECTED:	Model 8200/8210 accessory pump drive belt tensioning. This affects 8200 machines (serial numbers 2000 and higher) and 8210 machines (serial numbers 1000 and higher) that are equipped with GM 1.6 engines
SUBJECT:	The previously used belt can stretch and lose tension, resulting in the belt slipping on the pulleys—creating a squealing noise. This affects machines manufactured through January 20, 2005.
PURPOSE:	<p>The belt (part #1017314—same part number as the previous belt) has been changed to a Goodyear Gatorback™ Belt.</p> <p>Proper adjustment of the belt is critical to prevent future slippage problems.</p> <p>Use a belt tension gauge to ensure the belt is at the correct tension (80 lbs for new belts and 60 lbs for existing belts). The tension should be checked after every 100 hours of operation.</p> <p>Refer to Fig. 1 for the appropriate location for checking the belt tension. The maintenance section of the Operators Manual also contains instructions for adjusting the belt tension.</p> <p>To access the the belt adjustment bracket 1) Raise the hopper, 2) Engage the hopper safety arm, and 3) adjust the belt tension.</p> <p>Or, remove the operator compartment floor plate to access and adjust the belt tension.</p> <p>Check belt pulley alignment if the belt is showing wear on the edges.</p>
NOTES:	<p>Belt tension gauges are available through auto parts stores, Sears, and Snap-On Tools. The Grainger catalogue has a Browning tensioner (part #3HX33). A belt tension gauge should become part of your service tool inventory.</p> <p>Contact your manager for an account number for charging the purchase of a belt tensioning gauge.</p>

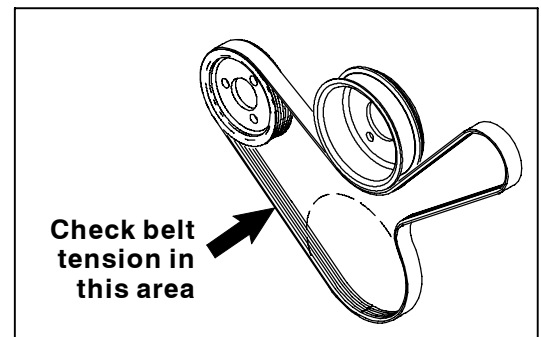




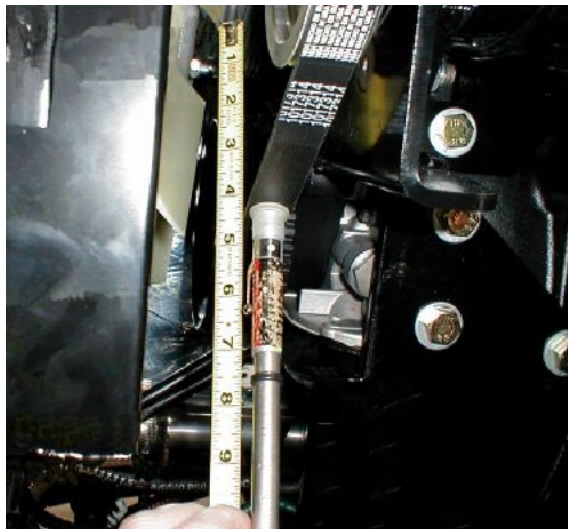
The engine belt is driven by the engine crankshaft pulley. This belt drives the water pump, alternator, and accessory pump pulleys. Proper belt tension is 13 mm (0.50") from a force of 4 to 5 kg (8 to 11 lb) applied at the mid-point of the longest span. Refer to Tension Detail.

WARNING: Moving belt and fan. Keep away.

Check and adjust the belt tension after every 100 hours of operation. Adjust tension to 60 lbs for existing belts.



Tension Detail



Measure/Gauge Detail

1. Align tape measure/rule and position the belt tension gauge as shown in the Measure/Gauge Detail.
2. Push belt tension gauge against belt until there is 0.5" deflection in the belt. Refer to Measure/Gauge Detail and Tension Detail.
3. Remove the belt tension gauge and check the lbs reading marked by the repositioned grommet.
4. Adjust belt tension as necessary (80 lbs for new belts and 60 lbs for existing belts).