

ALTERNATOR BELT TENSIONING (Two Methods)

Slip Torque Method: This method consists of installing a torque wrench on the pulley-retaining nut and measuring the amount of torque required to make the pulley slip. Torque the wrench in a clockwise direction, as viewed from the pulley end and adjust belt tension accordingly.

Note: Too much tension can cause excessive pressure on alternator bearings. Too little tension can cause the belt to slip thus not turn proper RPM.

<u>BELT WIDTH</u>	<u>SLIP TORQUE NEW BELT</u>	<u>SLIP TORQUE USED BELT</u>
3/8 INCH	11 TO 13 Ft. Lbs.	7 to 9 Ft. Lbs.
1/2 INCH	13 TO 15 Ft. Lbs.	9 to 11 FT. Lbs.

_____ (OR) _____

Belt Tension Method: This method requires a little more effort than adjusting the belt on your old 57 Chevy. You will need a Borrough's Belt Tension Meter #BT-33-73F or equivalent. Install the belt tension meter on the alternator belt at mid point of the longest unsupported section of the belt and adjust the alternator belt tension to obtain the specification listed below. The specification is for a used belt or a new belt after 1 hour of operation.

BELT TENSION

75 Lbs.

Note: Too much tension can cause excessive pressure on alternator bearings. Too little tension can cause the belt to slip thus not turn proper RPM.