



A/C Compressor Belt

Adjustment

Deflection Method

1. Apply a force of 98 N (10 kgf, 22 lbf), and measure the deflection between the A/C compressor and the crankshaft pulley.

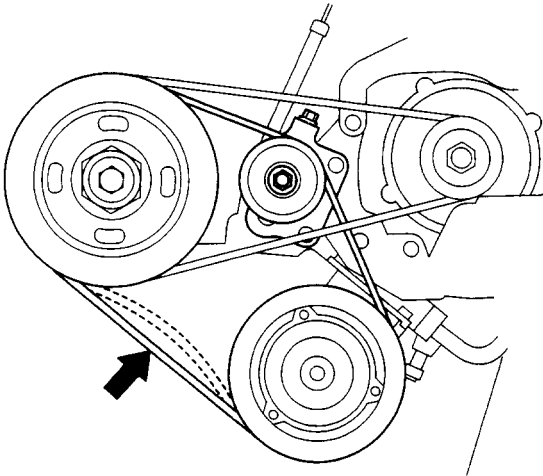
A/C Compressor Belt

Used Belt: 8.0 - 11.0 mm (0.31 - 0.43 in)

New Belt: 5.5 - 6.0 mm (0.22 - 0.24 in)

NOTE:

- If there are cracks or any damage evident on the belt, replace it with a new one.
- "Used belt" means a belt which has been used for 5 minutes or more.
- "New belt" means a belt which has been used for less than 5 minutes.



2. Loosen the center nut of the idler pulley.
3. Turn the adjusting bolt to get proper belt tension, then retighten the center nut.
4. Recheck the deflection of the A/C compressor belt.

Tension Gauge Method

1. Attach the special tool to the A/C compressor belt as shown below, and measure the tension of the belt.

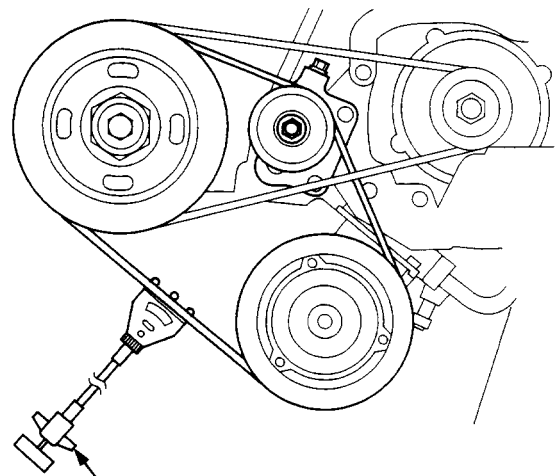
A/C Compressor Belt

Used Belt: 440 - 640 N (45 - 65 kgf, 99-143 lbf)

New Belt: 930 - 1,080 N (95 - 110 kgf, 209 - 243 lbf)

NOTE:

- If there are cracks or any damage evident on the belt, replace it with a new one.
- Follow the manufacturer's instructions for the belt tension gauge.
- "Used belt" means a belt which has been used for 5 minutes or more.
- "New belt" means a belt which has been used for less than 5 minutes.



BELT TENSION GAUGE
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2. Loosen the center nut of the idler pulley.
3. Turn the adjusting bolt to get proper belt tension, then retighten the center nut.
4. Recheck the tension of the A/C compressor belt.