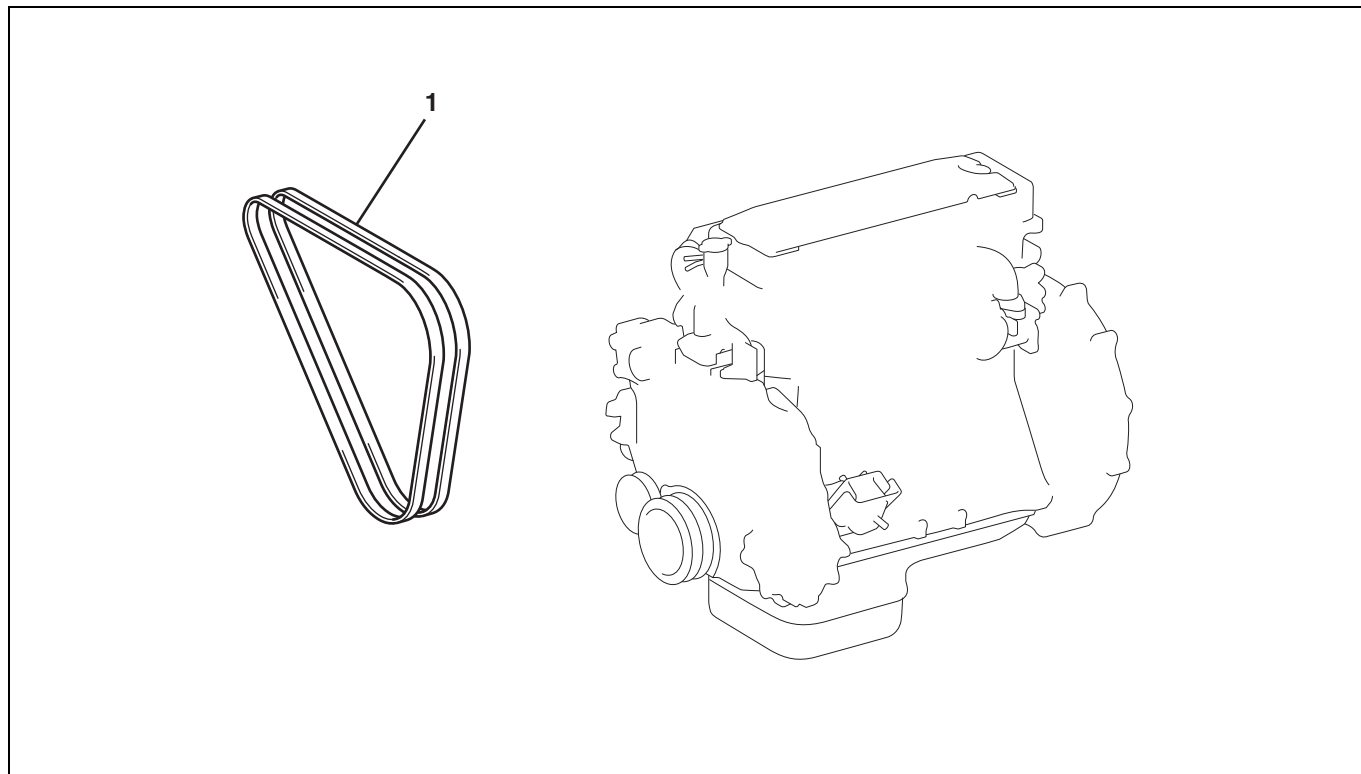


V-BELT

COMPONENT LOCATOR



SHTS18ZZZ0400028

1 V-belt	
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REPLACEMENT

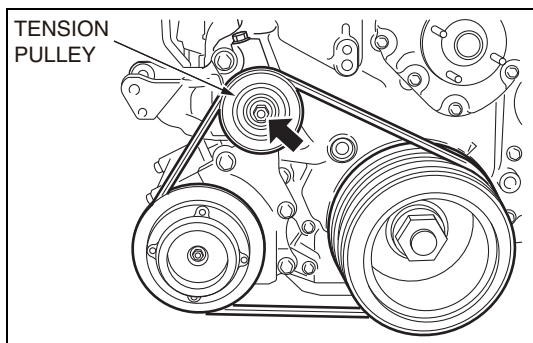
REMOVING THE V-BELT(N04C)

1. REMOVING THE V-BELT (FRONT SIDE)

Reference: ENGINE (S5-LN04E07A), STARTING/CHARGING

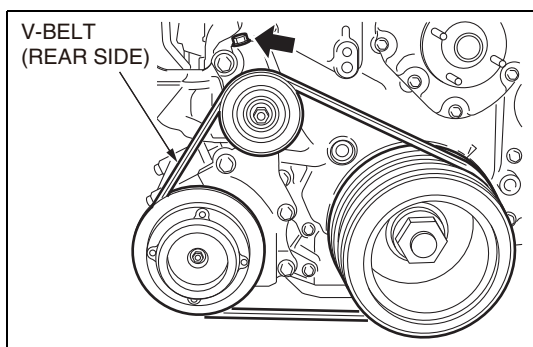
2. REMOVING THE V-BELT (REAR SIDE)

- (1) Loosen the lock nut of the tension pulley.



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- (2) Loosen the adjusting bolt to remove the V-belt (rear side).



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MOUNTING THE V-BELT(N04C)

1. MOUNTING THE V-BELT (REAR SIDE)

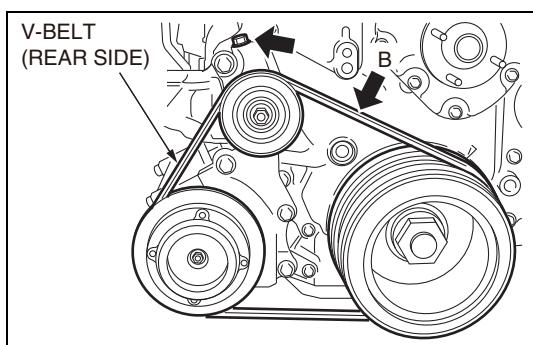
- (1) Mount the V-belt to each pulley (rear side)
 (2) Tighten the V-belt (rear side) with an adjusting bolt.

NOTICE

Make sure that the V-belt (rear side) is not off each pulley groove.

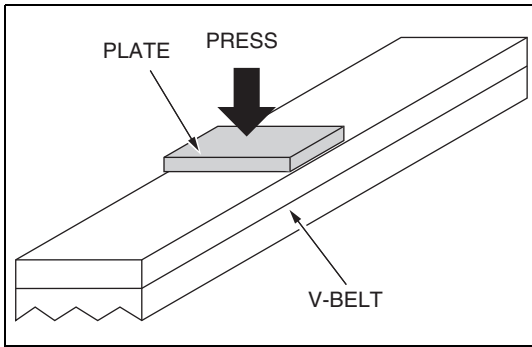
- (3) Press the belt center (B in the figure) with a finger at about 98 N {10 kgf, 22lbf}. Or adjust the belt deflection to the standard value using an SST (compression gauge), or adjust the belt tension to the standard value using an SST (belt tension gauge).

SST: S0944-41210
 Compression gauge



SHTS18ZZZ0400031

V-belt	Deflection
When new	7.0 to 9.0 mm {0.2756 to 0.3543 in.}
During inspection	8.5 to 10.0 mm {0.3347 to 0.3937 in.}



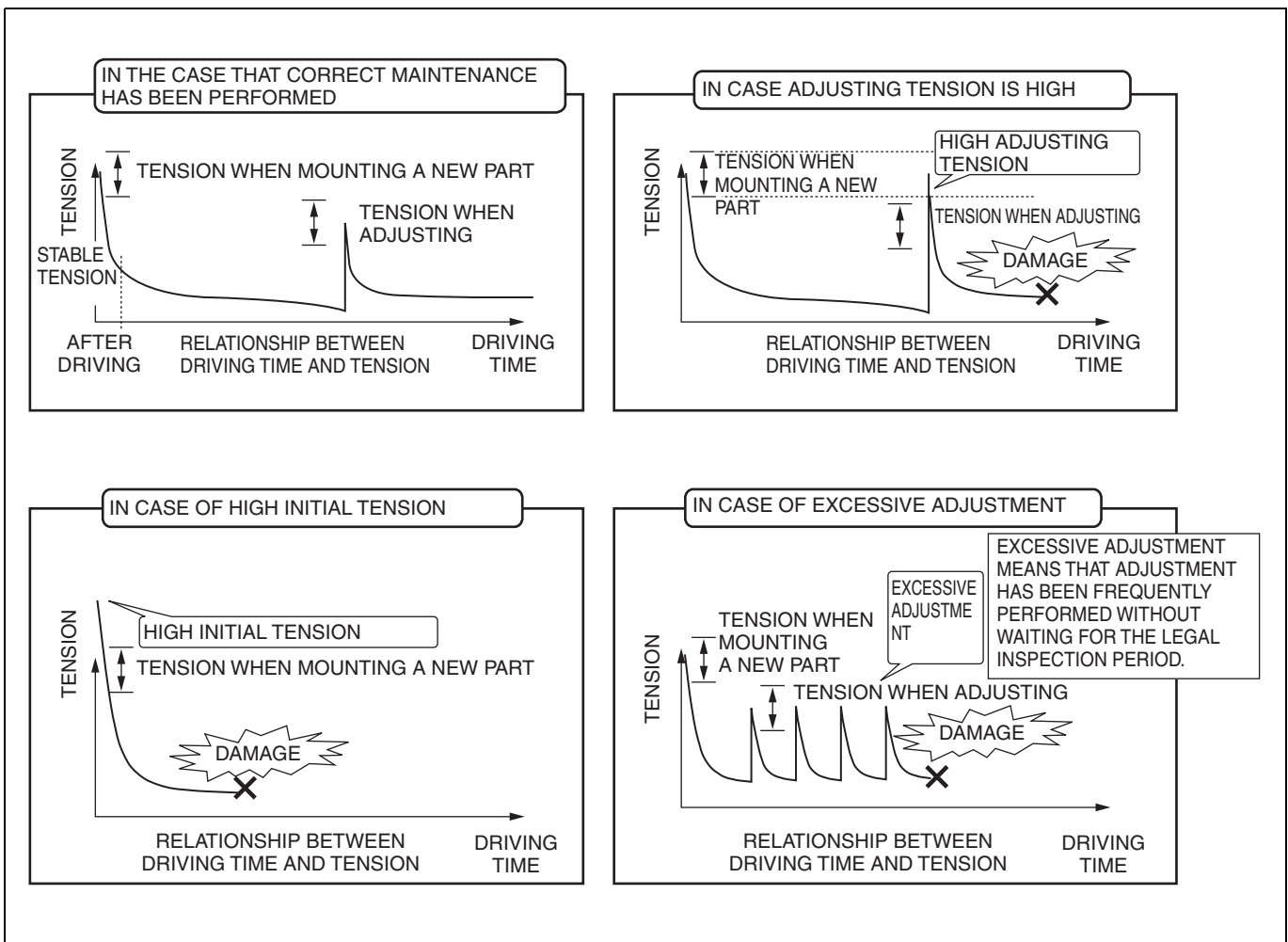
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NOTICE


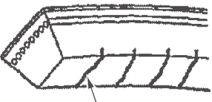


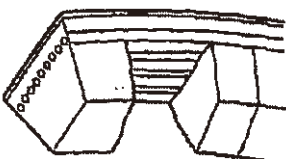
- When using a compression gauge, place a plate on the belt so that the load is applied across its back surface.
- Excessively stretching the V-belt reduces its service life. Exercise care not to stretch the V-belt in excess of the specified tension.
- If the slack in the V-belt is 13 mm {0.5118 in.} over (tension: 150 N {15 kgf, 33 lbf}) in an inspection, the V-belt may slip. Readjust the tension of the V-belt when "restretching it." (Repeated restretching reduces the service life of the V-belt.)
- Inspect the V-belt for crack or damage visually. If abnormality is found, replace it.

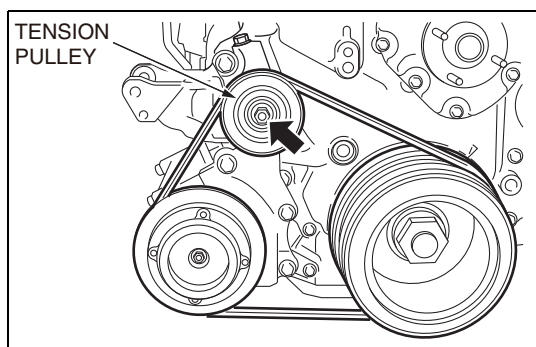
HINT

The tension of the V-belt decreases after operation. This phenomenon occurs in the process of initial contouring. This is not a problem.



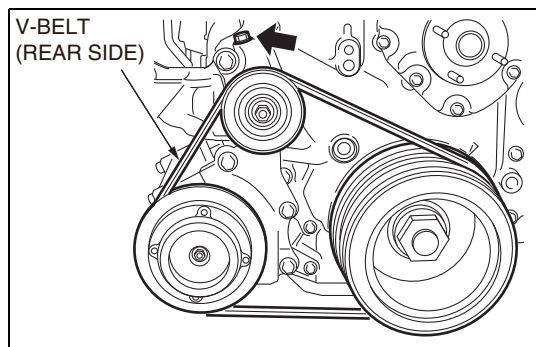
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Condition of the V-belt	Remaining life (for reference)
 <p>CREASE</p>	<p>Same distance as the travel distance from the time of a new vehicle or replacement to inspection, or more</p>
 <p>CRACKING ON SURFACE</p>	<p>Half of the travel distance from the time of a new vehicle or replacement to inspection</p>
 <p>CRACKING TO BOTTOM RUBBER</p>	<p>One fourth of the travel distance from the time of a new vehicle or replacement to inspection</p>
 <p>CRACKING TO CORE WIRE</p> 	<p>Service life</p>



(4) Tighten the locknut of the tension pulley.

Tightening Torque:
44 N·m {450 kgf·cm, 32 lbf·ft}



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- (5) Retighten the adjusting bolt.

Tightening Torque:
6 N·m {60 kgf·cm, 4.4 lbf·ft}

2. **MOUNTING THE V-BELT (FRONTSIDE)**
Reference: ENGINE (S5-LN04E07A), STARTING/CHARGING