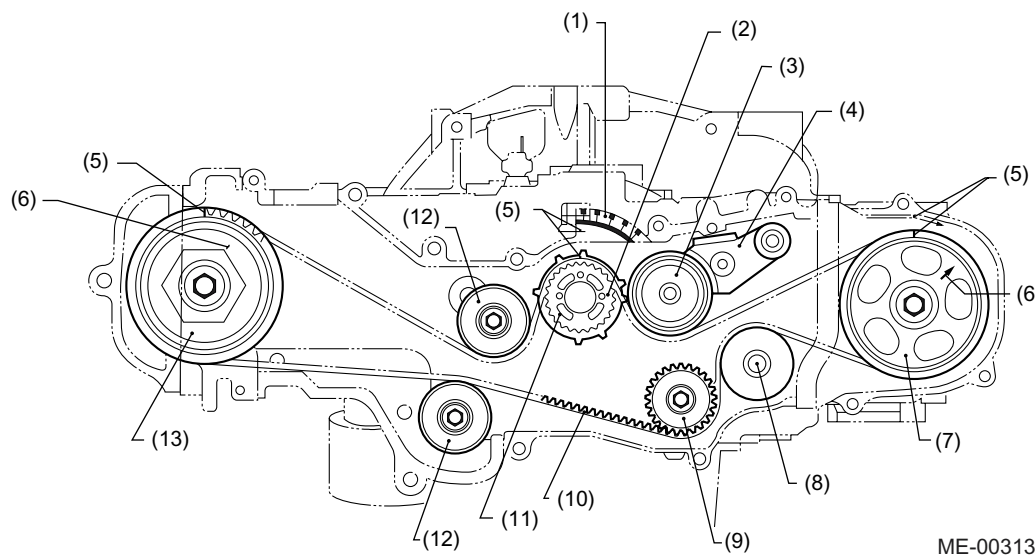


## TIMING BELT

MECHANICAL

### 2. Timing Belt

- A single timing belt drives two camshafts (one in the left bank and one in the right bank). The belt also drives the water pump by its non-toothed side.
- The timing belt teeth have a specially designed round profile which contributes to quiet operation. The timing belt is made of strong and inflexible core cords, wear-resistant canvas and heat-resistant rubber material.
- A hydraulic automatic belt tension adjuster always keeps the belt taut to the specified tension. Any manual belt tension adjustment is unnecessary.



- |   |                           |
|---|---------------------------|
| (1) Timing indicator (for timing mark of crankshaft pulley) | (8) Water pump pulley     |
| (2) *Piston position mark                                   | (9) Idler No. 2           |
| (3) Belt tension pulley                                     | (10) Timing Belt          |
| (4) Automatic Belt Tension Adjuster                         | (11) Crankshaft sprocket  |
| (5) Alignment mark  | (12) Idler                |
| (6) **Piston position mark                                  | (13) Camshaft sprocket RH |
| (7) Camshaft sprocket LH                                    |                           |

**NOTE:**

\*: The #1 piston is at TDC when the piston position mark on the crankshaft sprocket is aligned with the timing mark on the cylinder block.

\*\* : The #1 piston is at TDC on the compression stroke when the piston position mark on the camshaft sprocket is aligned with the timing mark on the belt cover.

**ME(H4SO)-3**