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| **Model Year:** 2013 | **Model:** RAV4 | **Prod Date Range:** [12/2012 - ] |
| **Title:** 2AR-FE ENGINE MECHANICAL: ENGINE UNIT: TIMING CHAIN AND CHAIN TENSIONER; 2013 MY RAV4 [12/2012 - ] | | |

# TIMING CHAIN AND CHAIN TENSIONER

## 1. CONSTRUCTION

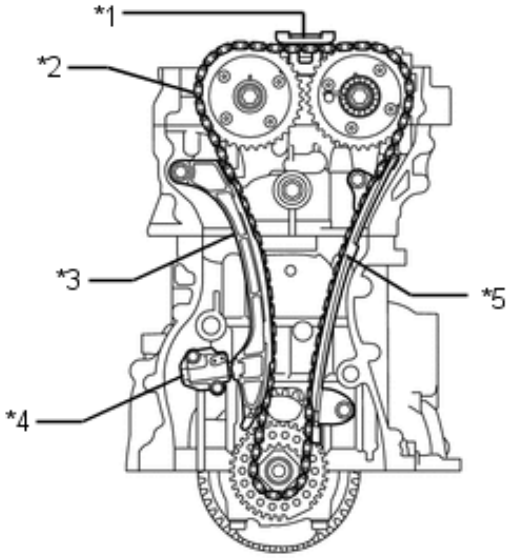
(a) A roller chain with a 9.525 mm (0.375 in.) pitch is used.

(b) The timing chain is lubricated by a timing chain oil jet.

(c) The chain tensioner uses a spring and oil pressure to maintain proper chain tension at all times. The chain tensioner suppresses noise generated by the timing chain.

(d) The chain tensioner is ratchet type with a non-return mechanism.

(e) To achieve excellent serviceability, the chain tensioner is constructed so that it can be removed and installed from the outside of the timing chain cover assembly.

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|---|---|---|---|
| *1 | No. 1 Chain Vibration Damper | *2 | Timing Chain |
| *3 | Chain Tensioner Slipper | *4 | Chain Tensioner |
| *5 | No. 2 Chain Vibration Damper | - | - |