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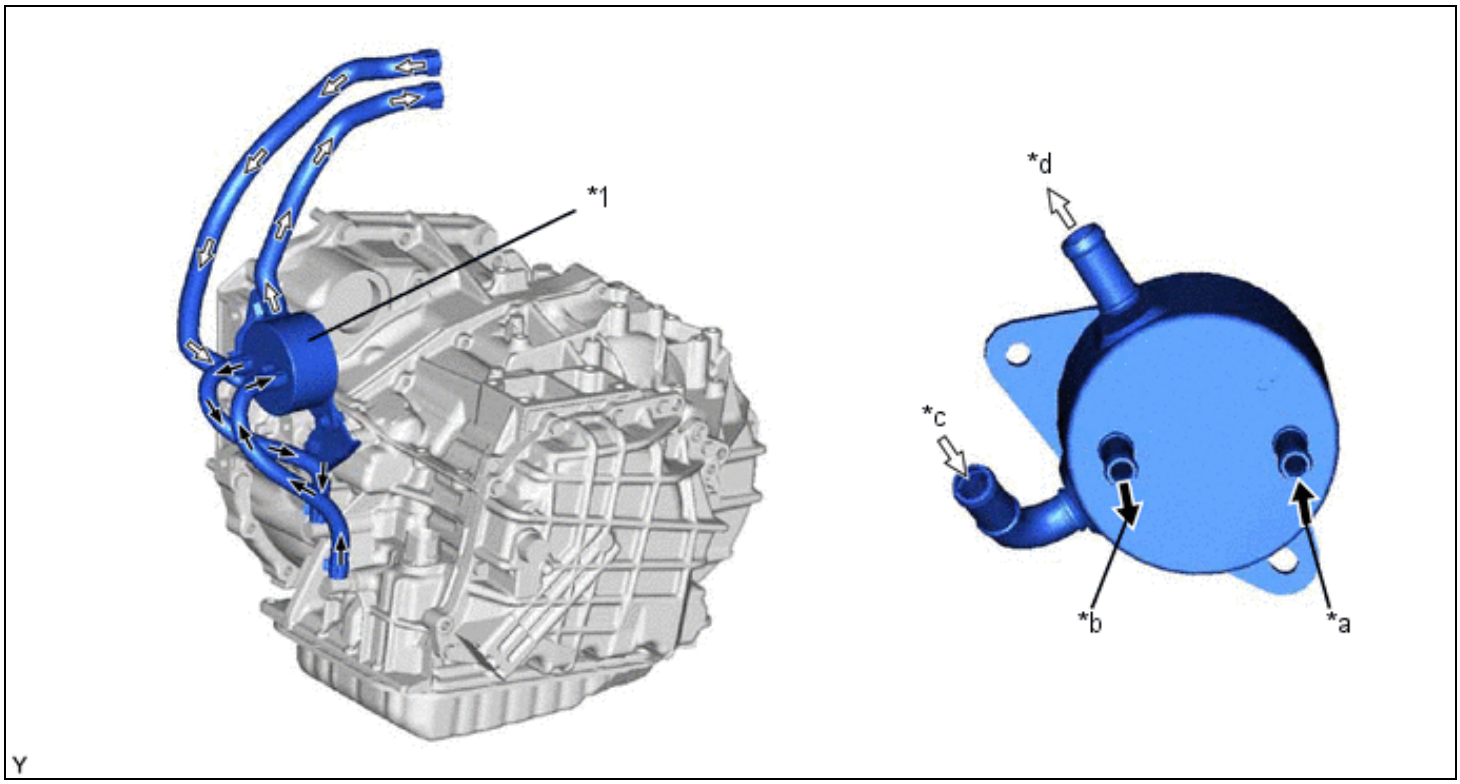
| **Title:** U760F AUTOMATIC TRANSMISSION / TRANSAXLE: AUTOMATIC TRANSAXLE SYSTEM: ATF WARMER; 2013 MY RAV4 [12/2012 - ] | | |

# ATF WARMER

## 1. CONSTRUCTION

(a) The ATF warmer uses engine coolant that has been warmed by the engine to warm up the ATF quickly and to keep the ATF temperature higher (within limits). Consequently, the friction losses of the automatic transaxle are quickly reduced, thus improving fuel economy.

(b) After warming up the ATF, the engine coolant flows into the ATF warmer to cool down the ATF.

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|---|---|---|---|
| *1 | ATF Warmer (Transmission Oil Cooler) | - | - |
| *a | From Transaxle | *b | To Transaxle |
| *c | From Engine | *d | To Engine |
| ➡ | ATF Flow | ⇨ | Engine Coolant Flow |