■ UREA SCR SYSTEM

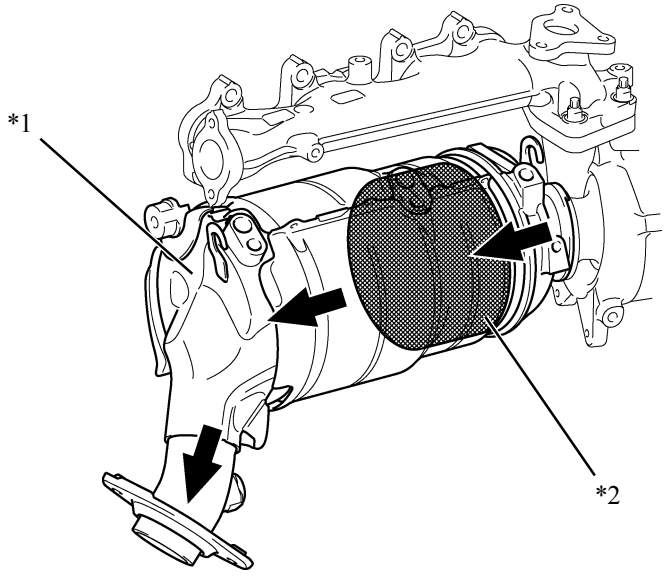
1. System Control

- A UREA SCR system is used to purify NOx in the exhaust gas. The UREA SCR system injects urea solution into the exhaust gas to generate ammonia. The generated ammonia produces a chemical reaction with the NOx in the exhaust gas on the SCR catalyst, breaking it down into nitrogen and water, thereby purifying the exhaust gas.
- The UREA SCR system is composed of a urea pump control ECU, urea tank sub-assembly, urea injector set, urea pump, No.4 exhaust gas temperature sensor and NOx sensor (nitrogen oxides sensor).
- In the UREA SCR system, the urea pump control ECU controls the urea injector set and urea pump based on various signals.

■ OXIDATION CATALYST

1. Construction

An oxidation catalyst is used to purify HC and CO in the exhaust gas.



26T4EG82

Text in Illustration

*1	Exhaust Manifold Converter Sub-assembly	*2	Oxidation Catalyst
26T4EG98	Exhaust Gas	-	-