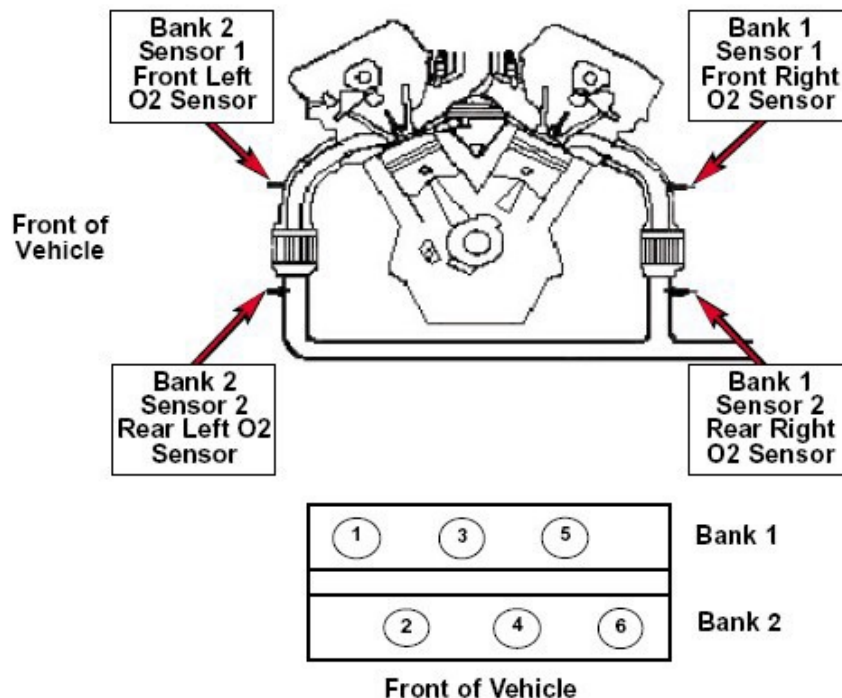


Engine Sensor Designation For 1998-2018 Kia V-6 Engines

The AERA Technical Committee offers the following information regarding engine sensor designation for 1998-2018 V-6 Kia engines. This information should be useful any time engine diagnostics are considered. Cylinder arrangement locations can be confusing as there is no set rule for manufacturers to follow.

The reference to Bank one and cylinder number 1 is crucial to determining the correct diagnostic information. Kia calls the furthestmost cylinders from the front of the vehicle “Bank 1” while most other manufacturers would refer to it as “Bank 2”.



Key Designations:

Sensor 1 designates the sensor is before the catalytic converter.

Sensor 2 designates the sensor is after the catalytic converter.

Bank 1 designates the sensor is on the bank with cylinder number 1.

On Kia V-6 engines, bank 1 (cylinder 1) is the firewall side of the engine.

As a rule of thumb on a V-style Kia engine, cylinder 1 is always farther forward on the engine than cylinder 2.