



**Technical Service
BULLETIN**

September 9, 2004

Title:

**VSC STEERING ANGLE SENSOR
INITIALIZATION DURING PDS OR
AFTER REPAIR**

Models:

**'05 Scion xA & '04 RAV4, Scion xB, Tacoma
& Tundra**

STEERING
ST005-04

Introduction During the vehicle Pre-Delivery Service (PDS) or after a repair where the fuse or short pin has been removed, the VSC steering angle sensor must be initialized/re-initialized.

- Applicable Vehicles**
- **2004** model year **RAV4, Scion xB, Tacoma and Tundra** vehicles.
 - **2005** model year **Scion xA** vehicles.

**Parts
Information**

MODEL	FUSE	TSB REFERENCE NUMBER
RAV4	Cut Fuse (30A)	PG013-00
Scion xA	Dome Fuse (15A)	PD021-04
Scion xB		PD002-03
Tacoma	Short Pin	PD015-03 (Tundra only)
Tundra		

**Warranty
Information**

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
N/A	Not Applicable to Warranty	—	—	—	—



Initialization Procedure Please perform the following procedure to ensure that the VSC steering angle sensor is correctly initialized.

1. With the ignition in the off position, disconnect the negative terminal of the battery.
2. Check that the steering wheel is in the straight-ahead position (± 30 degrees from straight ahead). If the steering wheel position is more than ± 30 degrees from straight-ahead position, turn the steering wheel to the straight-ahead position.
3. Install the fuse/short pin and reconnect the negative terminal of the battery.

