

Steering Angle Sensor

Neutral Position Check and Memorizing

Check

1. Connect the SCS service connector to the service check connector (2P) under the glove box.
2. Turn the ignition switch ON (II). The VSA activation indicator comes on then goes off.
3. Press the VSA off switch one time before the VSA activation indicator comes on again.
4. Check that the VSA activation indicator comes on when the steering wheel is in the straight ahead position (neutral position), and the indicator goes off when the steering wheel turns to the right or left more than 2.5 degrees.
5. If the VSA activation indicator does not come on or go off, perform the neutral position memorizing procedure.

Memorizing

1. Connect the SCS service connector to the service check connector (2P) under the glove box.
2. Turn the ignition switch ON (II).
3. Press the VSA off switch twice before the VSA activation indicator comes on again.
4. The VSA activation indicator comes on for 0.3 seconds, then the indicator goes off 0.2 seconds and comes on.
5. Turn the steering wheel from the straight ahead position to the right until the VSA activation indicator goes off within 8 seconds after the VSA activation indicator comes on.
6. Turn the steering wheel from the straight ahead position then to the left until the VSA activation indicator goes off within 8 seconds after performing step 5.
7. Turn the steering wheel to the straight ahead position and press the VSA off switch within 12 seconds after performing step 6. The VSA activation indicator goes off for 0.3 seconds, then the VSA system shifts to the neutral position check mode.
8. Check that the VSA activation indicator comes on when the steering wheel is in the straight ahead position (neutral position), and the indicator goes off when the steering wheel turns to the right or left more than 2.5 degrees.
9. Press the VSA off switch. The VSA activation indicator will blink. If the indicator does not blink, repeat the neutral position memorizing procedure.

Memorizing Timing chart

