Memorizing the Torque Sensor Neutral Position

The torque sensor neutral position must be memorized whenever the gearbox is removed or installed, or when the torque sensor or EPS control unit is replaced. Note that the torque sensor neutral position is not affected when erasing the DTC.

1. With the ignition switch OFF, connect the Honda PGM tester (A) to the 16P Data Link Connector (DLC) (B) located under the dash on the passenger's side of the vehicle.

2. With the vehicle on the ground, set the front wheels in the straight ahead driving position.

3. Short the SCS circuit to body ground using the Honda PGM Tester.

4. Turn the steering wheel 45 degrees to the left from the straight ahead driving position, and hold the steering wheel in that position.

5. Turn the ignition switch ON (II). The EPS indicator comes on, then it goes off after 4 seconds.

6. Within 4 seconds after the EPS indicator goes off, return the steering wheel to the straight ahead driving position and release the steering wheel. The EPS indicator comes on again 4 seconds after releasing the steering wheel.

7. Within 4 seconds after the EPS indicator comes on, turn the steering wheel 45 degrees to the left again and hold it in that position. The EPS indicator goes off after 4 seconds.

8. Within 4 seconds after the EPS indicator goes off, return the steering wheel to the straight ahead driving position and release the steering wheel. Do not move the steering wheel before turning the ignition switch OFF. NOTE: If the steering wheel is moved, the torque sensor neutral position cannot be written to memory.

9. The EPS indicator blinks twice 4 seconds after releasing the steering wheel, then it blinks three times 5 seconds after. Then, the indicator goes off. The torque sensor neutral position is memorized.

NOTE: If the EPS indicator stays on, there was an error in writing the torque sensor neutral position to memory. Repeat the procedure starting from step 3.

10. Turn the ignition switch OFF.

11. Disconnect the Honda PGM Tester from the DLC.