

## NO.3 POWER ASSIST DIFFERS BETWEEN RIGHT AND LEFT TURNS

id060300801000

3	Power assist differs between right and left turns.
<b>TROUBLESHOOTING HINTS</b> <ul style="list-style-type: none"> <li>Steering gear and linkage malfunction.</li> <li>EPS CM malfunction.</li> <li>Poor connection of EPS CM connector, terminal damage.</li> <li>The steering wheel angle neutral position automatic learning function has not been operated.</li> </ul> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>If the right and left wheels are rotated freely at the same speed with the vehicle jacked up, the EPS CM may learn the steering angle incorrectly.</li> <li>The steering angle learned by the EPS CM is cleared when <b>1 min. or more</b> has elapsed after the ignition was switched off.</li> </ul>	

### Diagnostic procedure

STEP	INSPECTION	ACTION
1	• Have DTCs been recorded in the memory?	Yes
		No
2	<ul style="list-style-type: none"> <li>Switch the ignition to off and maintain this condition <b>1 min. or more</b>.</li> <li>Switch the ignition ON (engine on).</li> <li>Drive <b>10 m {33 ft} or above</b> in a straight line at <b>more than 10 km/h {6.2 mph}</b>.</li> <li>Is there recurrence of malfunction?</li> </ul>	Yes
		No
3	<ul style="list-style-type: none"> <li>Inspect the connection of the EPS CM connector.</li> <li>Disconnect the EPS CM connector.</li> <li>Inspect both the EPS CM and wiring harness-side connector for poor connection (such as damage/pulled-out pins, corrosion).</li> <li>Are all the pins normal?</li> </ul>	Yes
		No