STEERING SYSTEM

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GENERAL PROCEDURES

Wheels and tires removal/installation

- The removal and installation procedures for the wheels and tires are not mentioned in this section. When a wheel is removed, retighten it to the specified torque. (Refer to section TD, SUSPENSION, Wheels and Tires.)

Power steering components removal/installation

- If any power steering fluid line has been disconnected anytime during the procedure, add ATF M–III or equivalent (e.g. Dexron® II), bleed the fluid lines, and inspect for leakage after the procedure has been completed.

Connectors disconnection/connection

- Disconnect the negative battery cable before doing any work that requires handling of connectors. Reconnect the negative battery cable only after the work is completed.

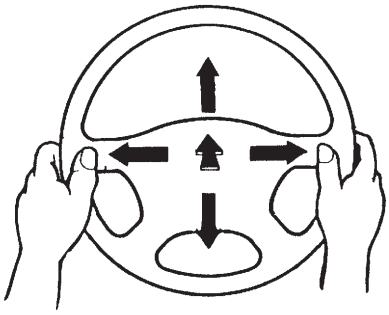
MANUAL STEERING

STEERING WHEEL AND COLUMN INSPECTION

Steering Wheel Play Inspection

- If the play exceeds specification, either the steering joints are worn or the backlash of the steering gear is excessive. With the wheels in the straight-ahead position, gently turn the steering wheel to the left and right and verify that the play is within specification.

  Steering wheel play
  0—30 mm {0—1.18 in}

Steering Wheel Looseness Inspection

- Move the steering wheel as shown in the figure to inspect for column bearing wear, steering shaft joint play, steering wheel looseness, and column looseness.