

Driving Position Memory System (DPMS)

Description

The driver's seat, the power mirrors and the steering column, whose positions are determined the driver's position, have a memory feature. The seat adjustments, the mirror adjustments, and the steering column adjustments can be regulated separately. All of adjustments can be memorized by the pressing the MEMO button on the driving position memory switch, and then pressing one of the two position buttons within 5 seconds. Pressing the appropriate position button will move the seat, the mirror and the steering column to the position memorized for driver 1 or driver 2, eliminating manual adjustments when changing drivers.

NOTE: Disconnecting the battery will cancel the memorized positions.

STEERING COLUMN POSITION SENSORS

By means of the variable resistor-type tilt position sensor and extend-retract position sensor, the steering column control unit detects the voltage changes caused by the movements of the steering column. These voltage changes are stored in memory, and the steering column position is memorized.

POWER SEAT POSITION SENSORS

Each motor has a reed switch sensor which detects motor rotation and sends a pulse to the power seat control unit when the motor rotates. The control unit stores the number of pulses in its memory, and the seat position is memorized.

POWER MIRROR POSITION SENSORS

By means of a Hall-effect type tilt position sensor and swing position sensor, the power mirror control unit detects the voltage changes caused by the movements of the mirrors.

These voltage changes are stored in memory, and the power mirror positions are memorized.

"AUTO" SWITCH FUNCTION

When the ignition key is pulled out (ignition switch turned OFF) with the AUTO switch in the steering column switch ON and the vehicle parked (shift lever in **P**), the steering column will automatically move to the highest tilt position and fully retracted position to ease exit from the vehicle.

When the ignition key is inserted into the ignition key switch with the AUTO switch ON and the vehicle parked (shift lever in **P**), the steering column will automatically move back to the previous position.

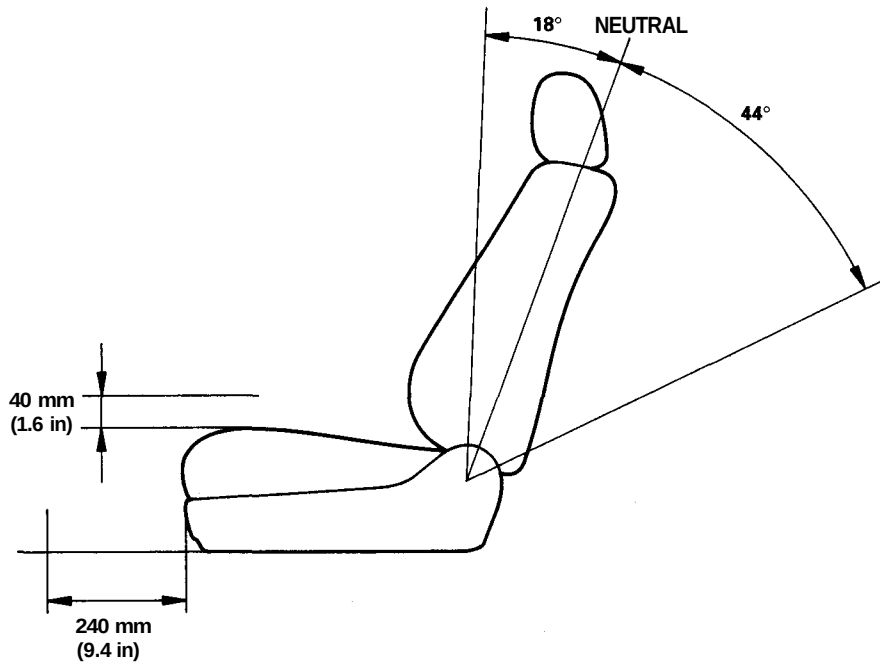
MEMORY RETRIEVE

When one of the two buttons on the driving position memory switch is pressed with the vehicle parked (shift lever in **P**), the seat, the mirror, and the steering column move to the memorized positions.

MEMORY RANGES

Seat and steering column positions can be memorized within these ranges:

NOTE: The power mirror position can be memorized within all ranges of the mirror movements.

Power Seat:**Steering Column:**