

## ■ E-SHIFT

### 1. General

- In the IS300/IS300 SportCross, E-shift, which is adopted for GS300 has been also adopted.
- This system enables the driver to shift the ranges by operating the transmission shift switches which are located on the steering wheel.
- Provided that the shift lever is engaged in the M position, the driver can shift the ranges by operating the transmission shift switches that are located on the steering wheel.
- Accordingly, the driver can shift the ranges without releasing the hands off the steering wheel, thus reducing the time involved in shifting.

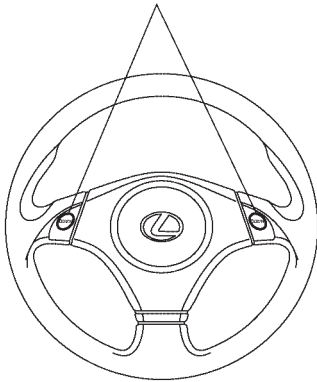
This feature, combined with the high-response shift control, further reduces the shifting time.

NF

### 2. Construction

The transmission shift switches for down-shift are located on the top side of the steering wheel and the transmission shift switches for up-shift are located on the back side of the steering wheel.

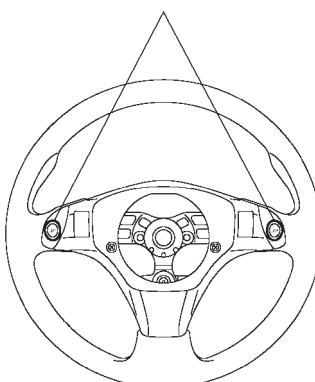
Transmission Shift Switches (Down)



183CH01

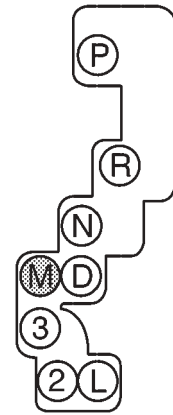
Top Side

Transmission Shift Switches (Up)



183CH02

Back Side



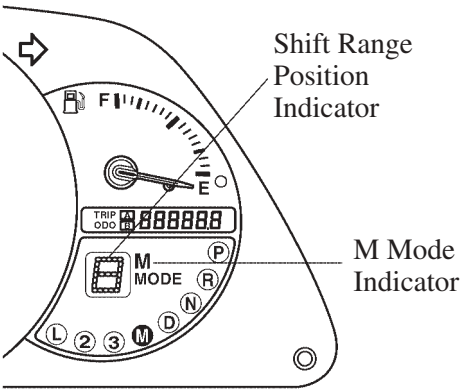
152CH03

Shift Pattern

3. Shift Program

- The driver selects the M position by engaging the shift lever. At that time, the M mode indicator and shift range position indicator illuminates in the combination meter.
- The usable gear shift is limited in each of the ranges, permitting the gears to up-shift and down-shift automatically within the respective allowable range.
- When abnormality has occurred in this system and if you shift lever to M position, M mode indicator flashes and informs the driver. However, usual driving is possible with other shift positions.

Shift Range Position Indicator	Usable Gear
5	5th ⇔ 4th ⇔ 3rd ⇔ 2nd ⇔ 1st
4	4th ⇔ 3rd ⇔ 2nd ⇔ 1st
3	3rd ⇔ 2nd ⇔ 1st
2	2nd ⇔ 1st



183CH03

4. Range-Down Reject

When the vehicle is being driven at a prescribed speed or higher, any attempt to shift down the range by through the operation of the down switch will not be executed, in order to protect the mechanism of the automatic transmission. In this case, the Engine & ECT ECU sounds the buzzer in the combination meter twice to alert the driver.

	Range-Down Reject Speed km/h
5 → 4	194
4 → 3	134
3 → 2	89