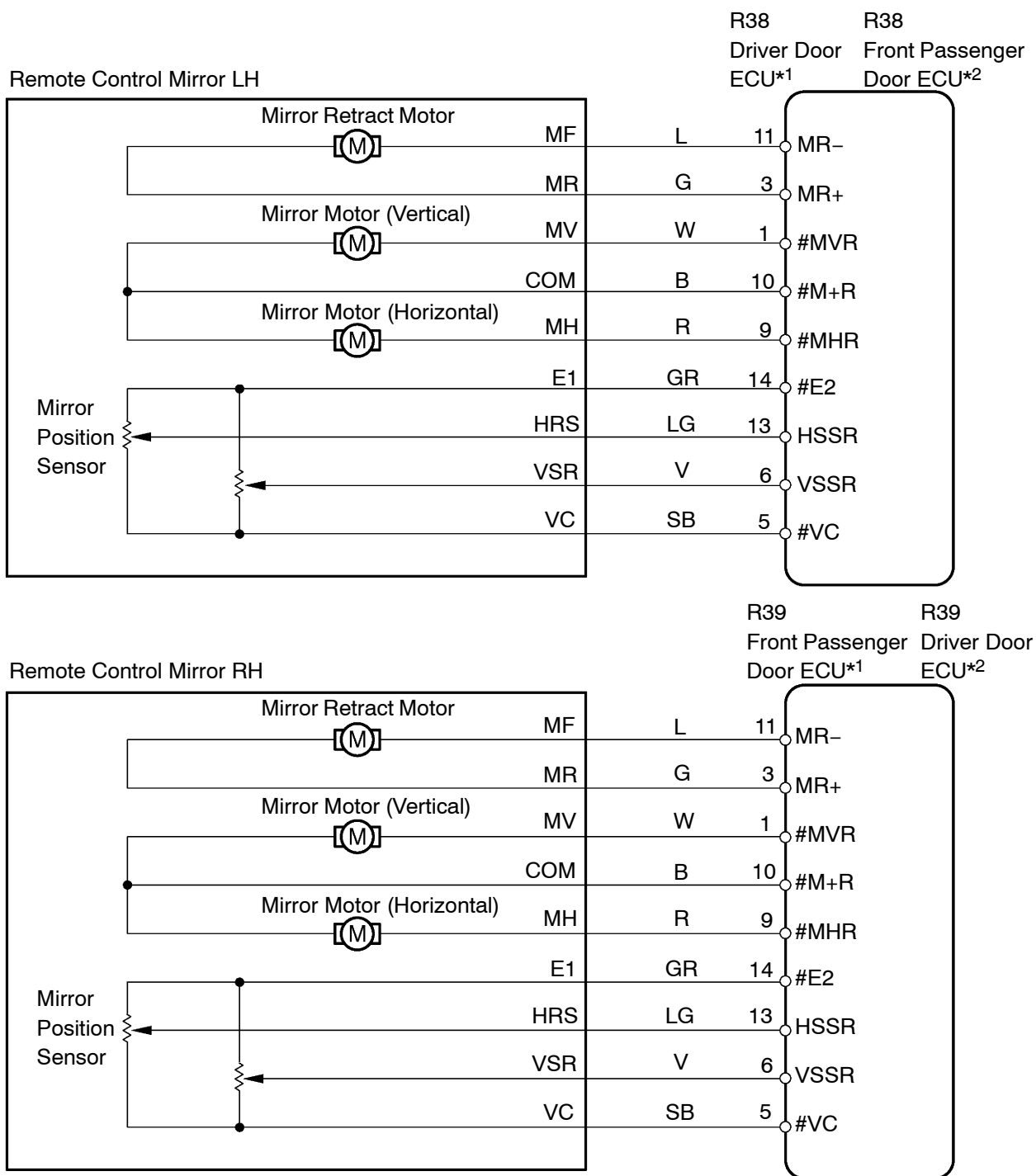# MIRROR POSITION SENSOR CIRCUIT (W/ MEMORY)

CIRCUIT DESCRIPTION

This mirror position sensor detects remote control mirror positions with the following terminals:
- The HSSR, which detects horizontal direction and position.
- The VSSR, which detects vertical direction and position.

HSSR and VSSR terminal data are then recorded in the seat ECU for operating the memory function later.

WIRING DIAGRAM

*[1]: LHD
*[2]: RHD

Y   B74333

INSPECTION PROCEDURE

1	READ VALUE OF USING INTELLIGENT TETSER II

(a) Connect the intelligent tester II to the DLC3.

(b) Turn the ignition switch ON and press the intelligent tester II main switch ON.

(c) Select the item below in the DATA LIST, and read the display on the intelligent tester II.

(d) Check the tester screen when operating the mirror motors.

Driver door ECU:

Item	Measurement Item/ Display (Range)	Normal Condition
Mir Pos Sen V	Vertical mirror position/ MIN: 0, MAX: 5 V	Within range from 0 to 5 V
Mir Pos Sen H	Horizontal mirror position/ MIN: 0, MAX: 5 V	Within range from 0 to 5 V

Front passenger door ECU:

Item	Measurement Item/ Display (Range)	Normal Condition
Mir Pos Sen V	Vertical mirror position/ MIN: 0, MAX: 5 V	Within range from 0 to 5 V
Mir Pos Sen H	Horizontal mirror position/ MIN: 0, MAX: 5 V	Within range from 0 to 5 V

OK:

The tester screen's data is within the value ranges in the chart above.

NG >	Go to step 2

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (See page 05−2080)

2	INSPECT MIRROR POSITION SENSOR (See page 05−2118)

NG >	REPLACE REMOTE CONTROL MIRROR

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (See page 05−2080)