

## Evaluate Electric Shock Prevention during EV Crash Tests

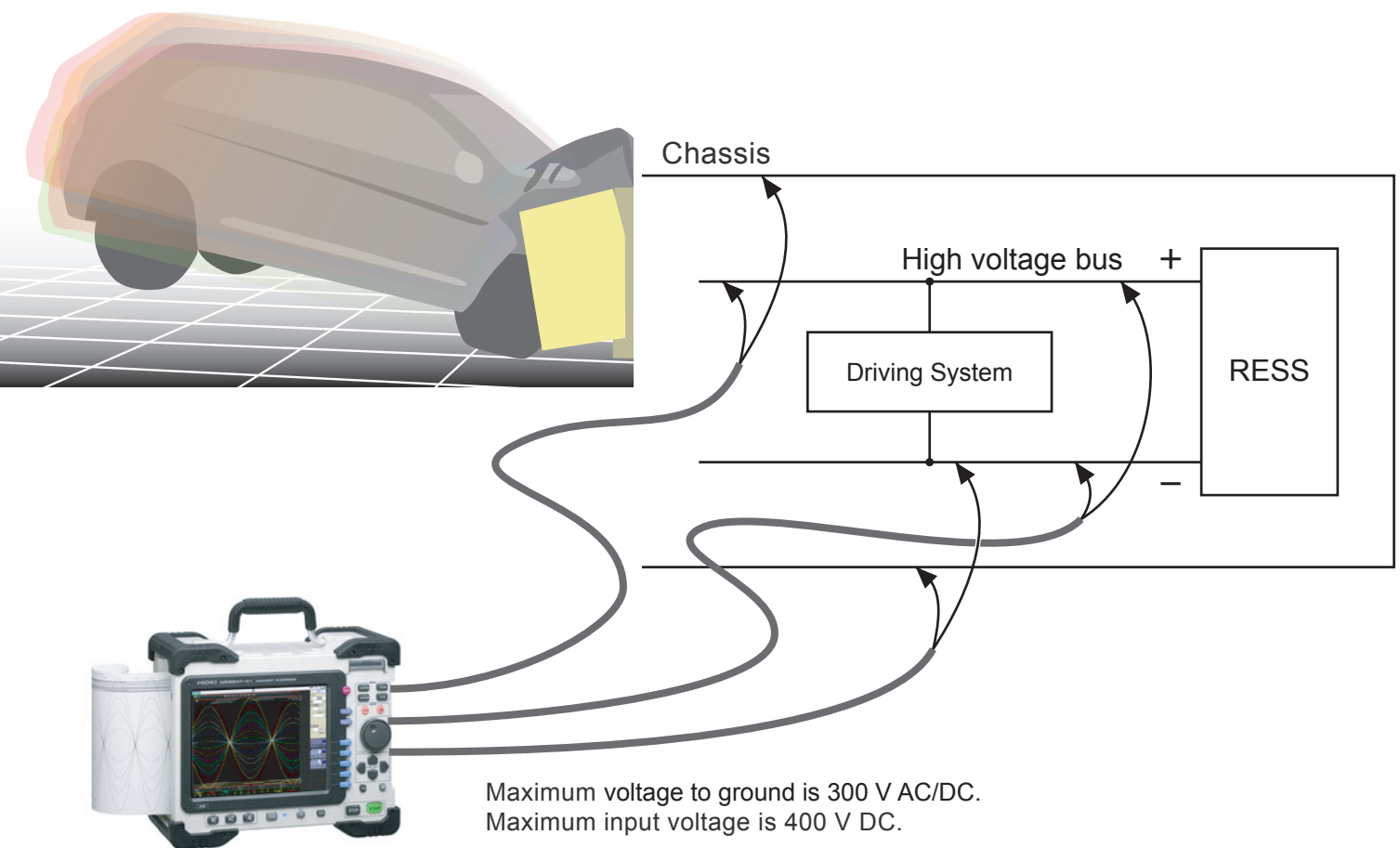
### Test electrical isolation performance during electric vehicle crash testing

#### ■ Highlights

The MEMORY HiCORDER MR8847-51 is used to measure insulation resistance, residual voltage and residual energy during an electric vehicle crash test.

Maximum input voltage to the ANALOG UNIT 8966 used with the MR8847-51 is 400 V DC.

Because each channel of the MR8847-51 is isolated, voltage between battery terminals required for the residual voltage test, and between positive and negative electrodes and the chassis can be measured simultaneously.



MEMORY HiCORDER MR8847-51  
+  
ANALOG UNIT 8966

RESS: Rechargeable Energy Storage System

#### Products used

MEMORY HiCORDER MR8847-51  
ANALOG UNIT 8966 (2 channels, Maximum input voltage is 400 V DC.)