
Vehicle Information

HY | ACCENT(RB) | 2013 | ALL | AIRBAG SYSTEM

Additional Information

User : S. Gyorke

CaseNumber : NA

CrashDate : 04/09/13

Part No. : 95910 -

Save on : Friday, April 12, 2013, at 08:59:38

G-EDR Software Version : 1.00

EDR Data Limitations

The retrieval of his EDR data has authorized by the vehicle's owner, or other legal authority.

The airbag ECU can store up to two events. Deployment events cannot be overwritten or cleared from airbag ECU. Non-deployment events(which did not qualify as deployable events) can be overwritten by subsequent events.

The specifications for EDR are designed to be compatible with NHTSA 49 CFR Part 563 rule. The EDR data recording specifications of airbag ECU are divided into the following four categories.

- For the Event#1: Event#1-1 Event#1-2 Event#1-3 Real-Time Data.

- For the Event#2: Event#2-1 Event#2-2 Event#2-3 Real-Time Data.

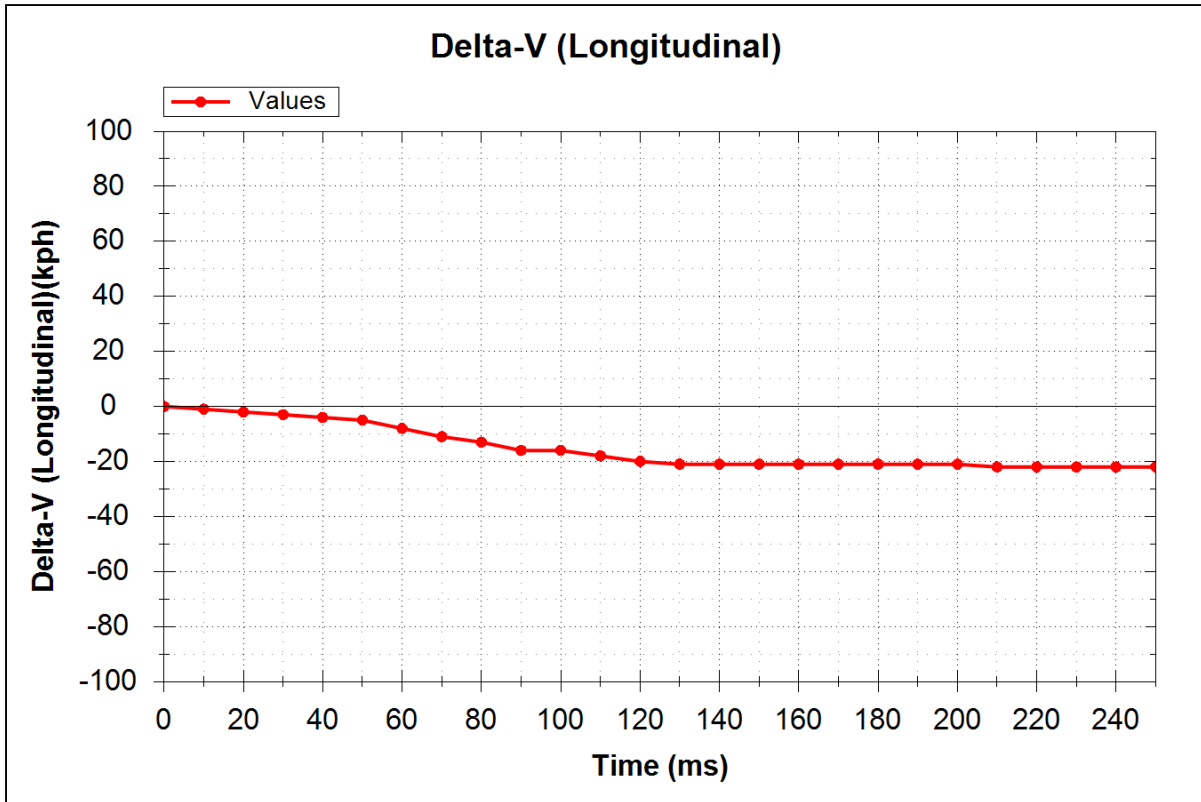
The airbag ECU records data for all or some of the following crash(event)

But, depending on the installed airbag ECU, data for side crash and/or rollover crash(event) may not be recored.

Ignition cycle counter(download) will increment by 1 every time when the power mode cycles is changed from OFF/Accessory to IGN/RUN or EDR data is downloaded by using the retrieval tool.

< Event # 1 - 1 >

1 [Delta-V (Longitudinal)]



| Num | Time (ms) | Delta-V (Longitudinal) (kph) |
|-----|-----------|------------------------------|
| 1 | 0.0 | 0 |
| 2 | 10.0 | -1 |
| 3 | 20.0 | -2 |
| 4 | 30.0 | -3 |
| 5 | 40.0 | -4 |
| 6 | 50.0 | -5 |
| 7 | 60.0 | -8 |
| 8 | 70.0 | -11 |
| 9 | 80.0 | -13 |
| 10 | 90.0 | -16 |
| 11 | 100.0 | -16 |
| 12 | 110.0 | -18 |
| 13 | 120.0 | -20 |
| 14 | 130.0 | -21 |
| 15 | 140.0 | -21 |
| 16 | 150.0 | -21 |
| 17 | 160.0 | -21 |
| 18 | 170.0 | -21 |
| 19 | 180.0 | -21 |
| 20 | 190.0 | -21 |

| | | |
|----|-------|-----|
| 21 | 200.0 | -21 |
| 22 | 210.0 | -22 |
| 23 | 220.0 | -22 |
| 24 | 230.0 | -22 |
| 25 | 240.0 | -22 |
| 26 | 250.0 | -22 |

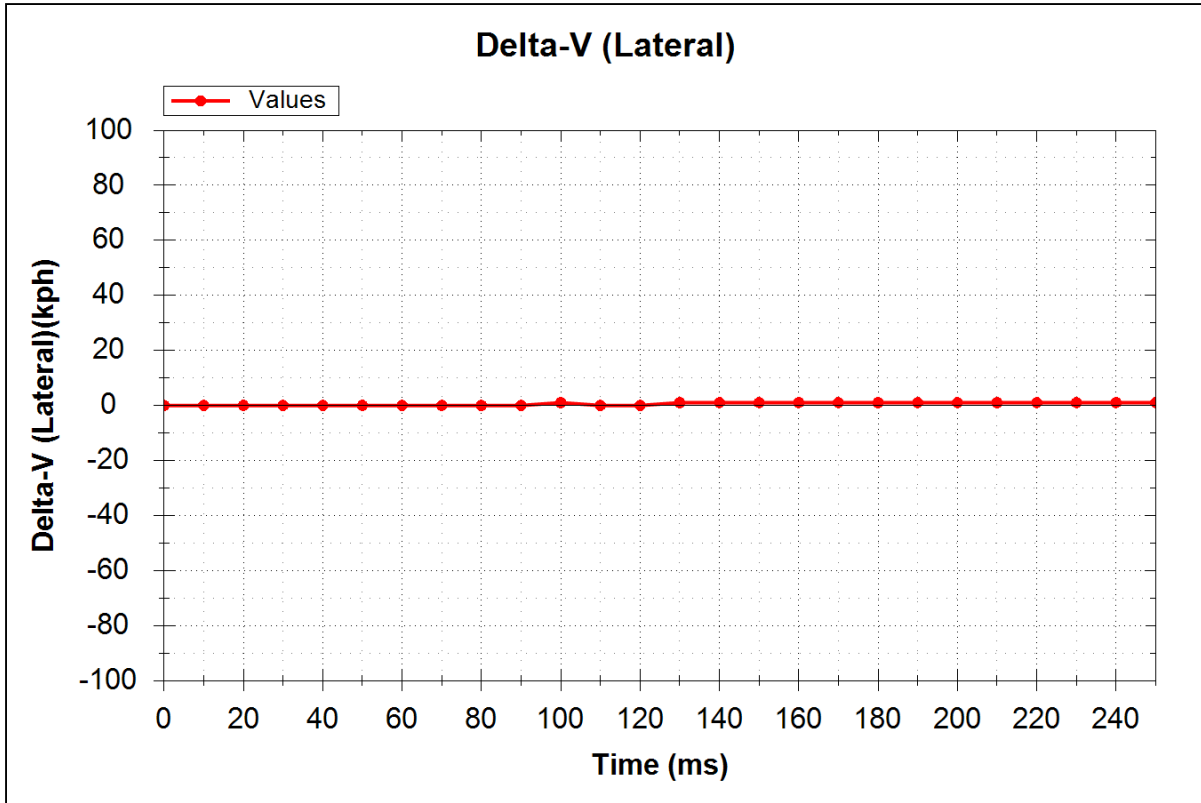
2 [Max. Delta-V (Longitudinal)]

| Num | Max. Delta-V (Longitudinal) (kph) |
|-----|-----------------------------------|
| 1 | -22 |

3 [Time_ Max. Delta-V (Longitudinal)]

| Num | Time_ Max. Delta-V (Longitudinal) (ms) |
|-----|--|
| 1 | 215.0 |

4 [Delta-V (Lateral)]



| Num | Time (ms) | Delta-V (Lateral) (kph) |
|-----|-----------|-------------------------|
| 1 | 0.0 | 0 |
| 2 | 10.0 | 0 |
| 3 | 20.0 | 0 |
| 4 | 30.0 | 0 |
| 5 | 40.0 | 0 |
| 6 | 50.0 | 0 |
| 7 | 60.0 | 0 |
| 8 | 70.0 | 0 |
| 9 | 80.0 | 0 |
| 10 | 90.0 | 0 |
| 11 | 100.0 | 1 |
| 12 | 110.0 | 0 |
| 13 | 120.0 | 0 |
| 14 | 130.0 | 1 |
| 15 | 140.0 | 1 |
| 16 | 150.0 | 1 |
| 17 | 160.0 | 1 |
| 18 | 170.0 | 1 |
| 19 | 180.0 | 1 |
| 20 | 190.0 | 1 |
| 21 | 200.0 | 1 |
| 22 | 210.0 | 1 |

| | | |
|----|-------|---|
| 23 | 220.0 | 1 |
| 24 | 230.0 | 1 |
| 25 | 240.0 | 1 |
| 26 | 250.0 | 1 |

5 [Max. Delta-V (Lateral)]

| Num | Max. Delta-V (Lateral) (kph) |
|-----|------------------------------|
| 1 | 1 |

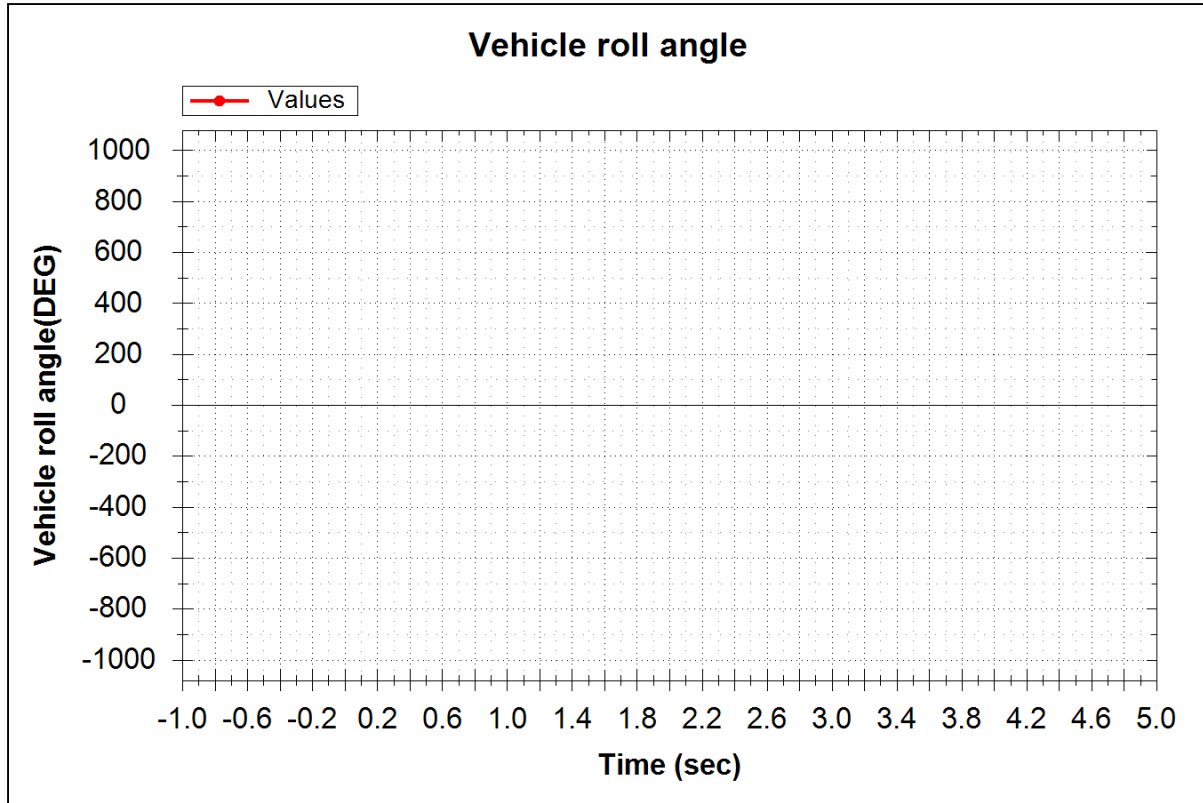
6 [Time_ Max. Delta-V (Lateral)]

| Num | Time_ Max. Delta-V (Lateral) (ms) |
|-----|-----------------------------------|
| 1 | 87.5 |

7 [Time_ Max. Delta-V (Resultant)]

| Num | Time_ Max. Delta-V (Resultant) (ms) |
|-----|-------------------------------------|
| 1 | 250.0 |

8 [Vehicle roll angle]

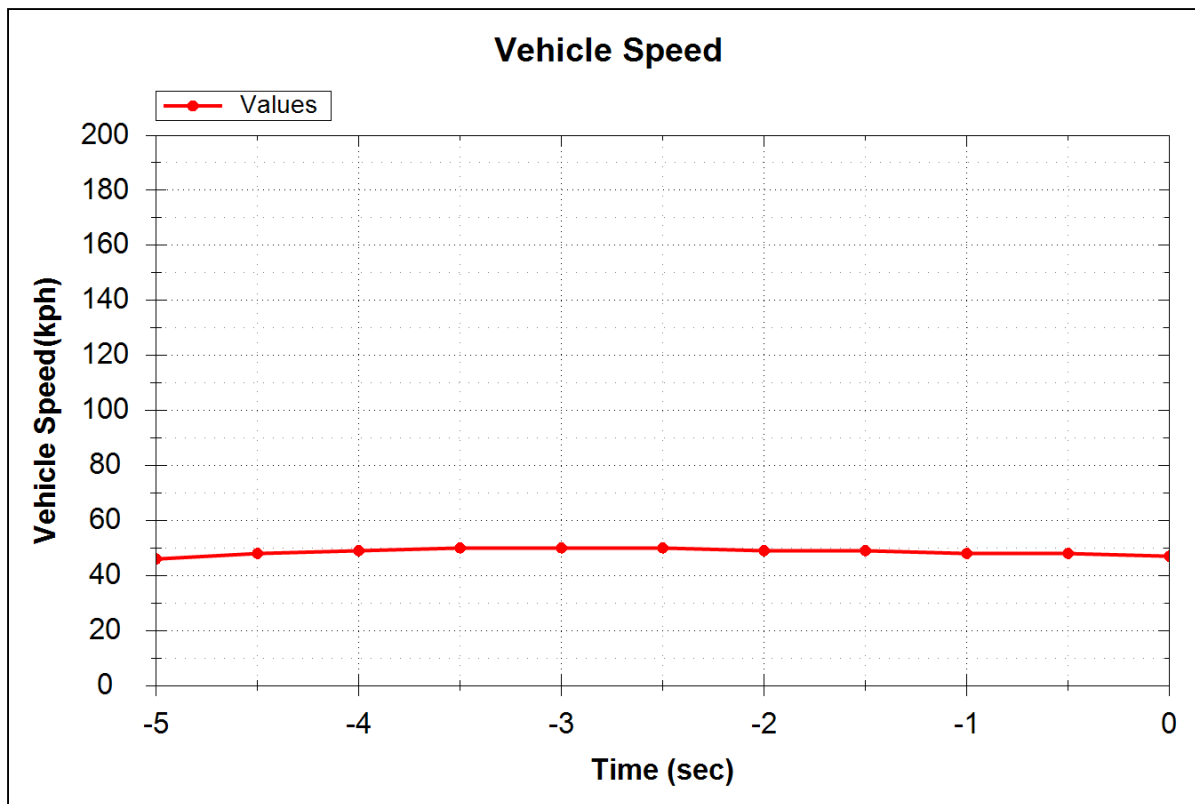


| Num | Time (sec) | Vehicle roll angle (DEG) |
|-----|------------|--------------------------|
| 1 | -1.0 | Not supported |
| 2 | -0.9 | Not supported |
| 3 | -0.8 | Not supported |
| 4 | -0.7 | Not supported |
| 5 | -0.6 | Not supported |
| 6 | -0.5 | Not supported |
| 7 | -0.4 | Not supported |
| 8 | -0.3 | Not supported |
| 9 | -0.2 | Not supported |
| 10 | -0.1 | Not supported |
| 11 | 0.0 | Not supported |
| 12 | 0.1 | Not supported |
| 13 | 0.2 | Not supported |
| 14 | 0.3 | Not supported |
| 15 | 0.4 | Not supported |
| 16 | 0.5 | Not supported |
| 17 | 0.6 | Not supported |
| 18 | 0.7 | Not supported |
| 19 | 0.8 | Not supported |
| 20 | 0.9 | Not supported |
| 21 | 1.0 | Not supported |
| 22 | 1.1 | Not supported |

| | | |
|----|-----|---------------|
| 23 | 1.2 | Not supported |
| 24 | 1.3 | Not supported |
| 25 | 1.4 | Not supported |
| 26 | 1.5 | Not supported |
| 27 | 1.6 | Not supported |
| 28 | 1.7 | Not supported |
| 29 | 1.8 | Not supported |
| 30 | 1.9 | Not supported |
| 31 | 2.0 | Not supported |
| 32 | 2.1 | Not supported |
| 33 | 2.2 | Not supported |
| 34 | 2.3 | Not supported |
| 35 | 2.4 | Not supported |
| 36 | 2.5 | Not supported |
| 37 | 2.6 | Not supported |
| 38 | 2.7 | Not supported |
| 39 | 2.8 | Not supported |
| 40 | 2.9 | Not supported |
| 41 | 3.0 | Not supported |
| 42 | 3.1 | Not supported |
| 43 | 3.2 | Not supported |
| 44 | 3.3 | Not supported |
| 45 | 3.4 | Not supported |
| 46 | 3.5 | Not supported |
| 47 | 3.6 | Not supported |
| 48 | 3.7 | Not supported |
| 49 | 3.8 | Not supported |
| 50 | 3.9 | Not supported |
| 51 | 4.0 | Not supported |
| 52 | 4.1 | Not supported |
| 53 | 4.2 | Not supported |
| 54 | 4.3 | Not supported |
| 55 | 4.4 | Not supported |
| 56 | 4.5 | Not supported |
| 57 | 4.6 | Not supported |
| 58 | 4.7 | Not supported |
| 59 | 4.8 | Not supported |
| 60 | 4.9 | Not supported |
| 61 | 5.0 | Not supported |

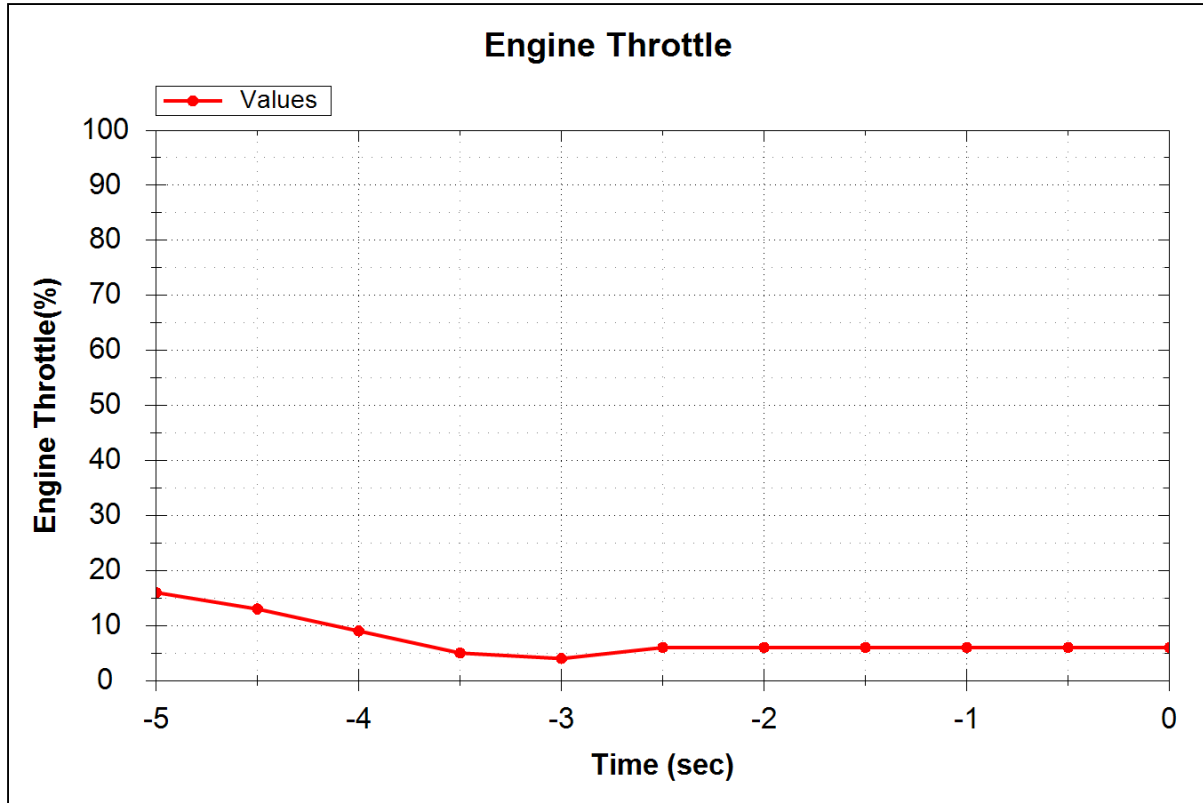
< Event # 1 - 2 >

1 [Vehicle Speed]



| Num | Time (sec) | Vehicle Speed (kph) |
|-----|------------|---------------------|
| 1 | -5.0 | 46 |
| 2 | -4.5 | 48 |
| 3 | -4.0 | 49 |
| 4 | -3.5 | 50 |
| 5 | -3.0 | 50 |
| 6 | -2.5 | 50 |
| 7 | -2.0 | 49 |
| 8 | -1.5 | 49 |
| 9 | -1.0 | 48 |
| 10 | -0.5 | 48 |
| 11 | 0.0 | 47 |

2 [Engine Throttle]



| Num | Time (sec) | Engine Throttle (%) |
|-----|------------|---------------------|
| 1 | -5.0 | 16 |
| 2 | -4.5 | 13 |
| 3 | -4.0 | 9 |
| 4 | -3.5 | 5 |
| 5 | -3.0 | 4 |
| 6 | -2.5 | 6 |
| 7 | -2.0 | 6 |
| 8 | -1.5 | 6 |
| 9 | -1.0 | 6 |
| 10 | -0.5 | 6 |
| 11 | 0.0 | 6 |

3 [Service brake_ on/off]

| Num | Time (sec) | Service brake_ on/off |
|-----|------------|-----------------------|
| 1 | -5.0 | OFF |
| 2 | -4.5 | OFF |
| 3 | -4.0 | OFF |
| 4 | -3.5 | OFF |

| | | |
|----|------|-----|
| 5 | -3.0 | OFF |
| 6 | -2.5 | OFF |
| 7 | -2.0 | OFF |
| 8 | -1.5 | OFF |
| 9 | -1.0 | OFF |
| 10 | -0.5 | ON |
| 11 | 0.0 | ON |

4 [Ignition Cycle_ Crash]

| Num | Ignition Cycle_ Crash (Cyc.) |
|-----|------------------------------|
| 1 | 158 |

5 [Safety belt status_ driver]

| Num | Safety belt status_ driver |
|-----|----------------------------|
| 1 | ON |

6 [Airbag warning lamp on/off]

| Num | Airbag warning lamp on/off |
|-----|----------------------------|
| 1 | OFF |

7 [Time to deploy_ Frontal airbag-1st stage_ driver]

| Num | Time to deploy_ Frontal airbag-1st stage_ driver (ms) |
|-----|---|
| 1 | No deployment |

8 [Time to deploy_ Frontal airbag-1st stage_ passenger]

| Num | Time to deploy_ Frontal airbag-1st stage_ passenger (ms) |
|-----|--|
| 1 | No deployment |

9 [Number of event]

| Num | Number of event |
|-----|-----------------|
| 1 | 1 event |

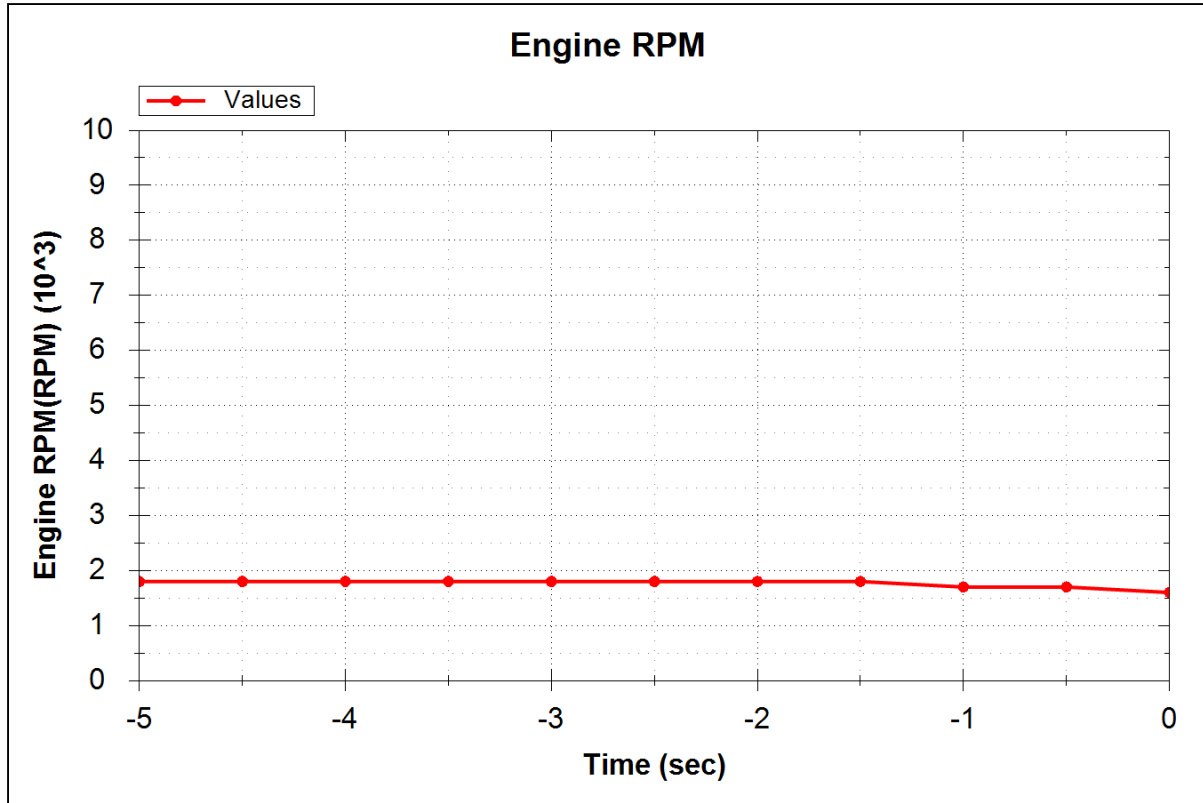
10 [Time from Event 1 to 2]

| Num | Time from Event 1 to 2 (ms) |
|-----|-----------------------------|
| 1 | 0 |

11 [Completed file recorded]

| Num | Completed file recorded |
|-----|-------------------------|
| 1 | YES |

12 [Engine RPM]



| Num | Time (sec) | Engine RPM (RPM) |
|-----|------------|------------------|
| 1 | -5.0 | 1800 |
| 2 | -4.5 | 1800 |
| 3 | -4.0 | 1800 |
| 4 | -3.5 | 1800 |
| 5 | -3.0 | 1800 |
| 6 | -2.5 | 1800 |
| 7 | -2.0 | 1800 |
| 8 | -1.5 | 1800 |
| 9 | -1.0 | 1700 |
| 10 | -0.5 | 1700 |
| 11 | 0.0 | 1600 |

13 [ABS activity]

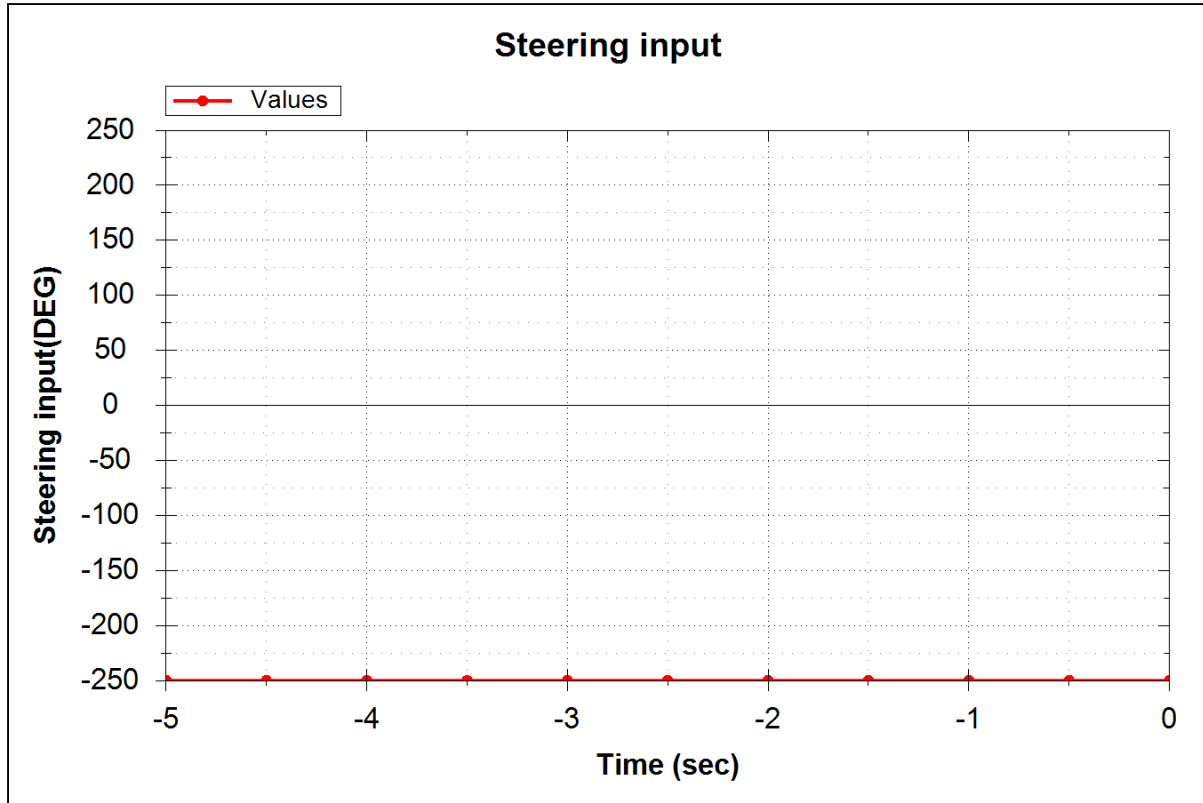
| Num | Time (sec) | ABS activity |
|-----|------------|--------------|
| 1 | -5.0 | OFF |
| 2 | -4.5 | OFF |
| 3 | -4.0 | OFF |
| 4 | -3.5 | OFF |

| | | |
|----|------|-----|
| 5 | -3.0 | OFF |
| 6 | -2.5 | OFF |
| 7 | -2.0 | OFF |
| 8 | -1.5 | OFF |
| 9 | -1.0 | OFF |
| 10 | -0.5 | OFF |
| 11 | 0.0 | OFF |

14 [Stability control]

| Num | Time (sec) | Stability control |
|-----|------------|-------------------|
| 1 | -5.0 | ON |
| 2 | -4.5 | ON |
| 3 | -4.0 | ON |
| 4 | -3.5 | ON |
| 5 | -3.0 | ON |
| 6 | -2.5 | ON |
| 7 | -2.0 | ON |
| 8 | -1.5 | ON |
| 9 | -1.0 | ON |
| 10 | -0.5 | ON |
| 11 | 0.0 | ON |

15 [Steering input]



| Num | Time (sec) | Steering input (DEG) |
|-----|------------|----------------------|
| 1 | -5.0 | -250 |
| 2 | -4.5 | -250 |
| 3 | -4.0 | -250 |
| 4 | -3.5 | -250 |
| 5 | -3.0 | -250 |
| 6 | -2.5 | -250 |
| 7 | -2.0 | -250 |
| 8 | -1.5 | -250 |
| 9 | -1.0 | -250 |
| 10 | -0.5 | -250 |
| 11 | 0.0 | -250 |

Note) Positive value(CCW), Negative value(CW)

16 [Safety seat belt_ passenger]

| Num | Safety seat belt_ passenger |
|-----|-----------------------------|
| 1 | OFF |

17 [Seat track position switch_ foremost_ status_ driver]

| Num | Seat track position switch_ foremost_ status_ driver |
|-----|--|
| 1 | Not Supported |

18 [Seat track position switch_ foremost_ status_ passenger]

| Num | Seat track position switch_ foremost_ status_ passenger |
|-----|---|
| 1 | Not Supported |

19 [Occupant size(5th percentile female or larger) classification_ driver]

| Num | Occupant size(5th percentile female or larger) classification_ driver |
|-----|---|
| 1 | Not Supported |

20 [Occupant size(Child) classification_ passenger]

| Num | Occupant size(Child) classification_ passenger |
|-----|--|
| 1 | Yes |

21 [Time to deploy_ Frontal airbag-2nd stage_ driver]

| Num | Time to deploy_ Frontal airbag-2nd stage_ driver (ms) |
|-----|---|
| 1 | No deployment |

22 [Time to deploy_ Frontal airbag-2nd stage_ passenger]

| Num | Time to deploy_ Frontal airbag-2nd stage_ passenger (ms) |
|-----|--|
| 1 | No deployment |

23 [Time to deploy_ side airbag_ driver]

| Num | Time to deploy_ side airbag_ driver (ms) |
|-----|--|
| 1 | No deployment |

24 [Time to deploy_ side airbag_ passenger]

| Num | Time to deploy_ side airbag_ passenger (ms) |
|-----|---|
| 1 | No deployment |

25 [Time to deploy_ curtain airbag_ driver]

| Num | Time to deploy_ curtain airbag_ driver (ms) |
|-----|---|
| 1 | No deployment |

26 [Time to deploy_ curtain airbag_ passenger]

| Num | Time to deploy_ curtain airbag_ passenger (ms) |
|-----|--|
| 1 | No deployment |

27 [Time to fire_ pretensioner_ driver]

| Num | Time to fire_ pretensioner_ driver (ms) |
|-----|---|
| 1 | No deployment |

28 [Time to fire_ pretensioner_ passenger]

| Num | Time to fire_ pretensioner_ passenger (ms) |
|-----|--|
| 1 | No deployment |

29 [Frontal airbag deployment_ Second stage disposal_ driver]

| Num | Frontal airbag deployment_ Second stage disposal_ driver |
|-----|--|
| 1 | NO |

30 [Frontal airbag deployment_ Third stage disposal_ driver]

| Num | Frontal airbag deployment_ Third stage disposal_ driver |
|-----|---|
| 1 | NO |

31 [Frontal airbag deployment_ Second stage disposal_ right front passenger]

| Num | Frontal airbag deployment_ Second stage disposal_ right front passenger |
|-----|---|
| 1 | NO |

32 [Frontal airbag deployment_ Third stage disposal_ right front passenger]

| Num | Frontal airbag deployment_ Third stage disposal_ right front passenger |
|-----|--|
| 1 | NO |

33 [Time to deploy_ Frontal airbag-3rd stage_ driver]

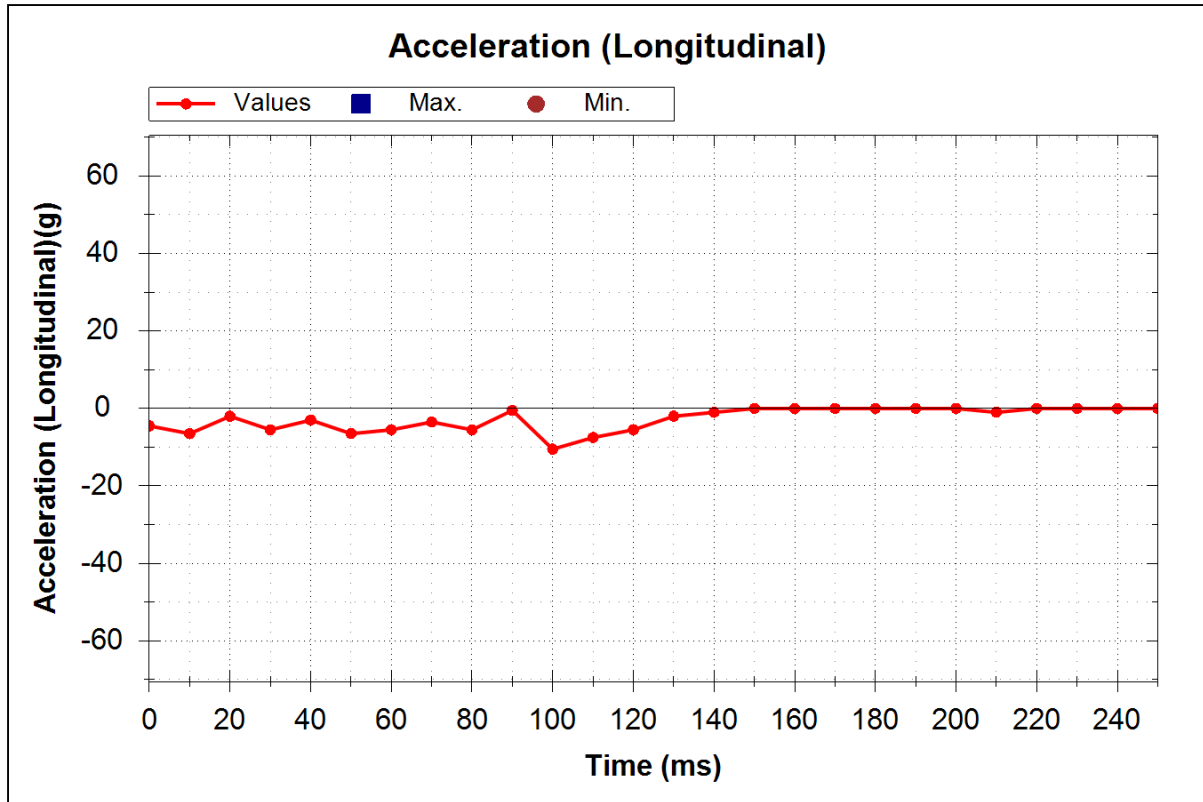
Not Supported...

34 [Time to deploy_ Frontal airbag-3rd stage_ passenger]

Not Supported...

< Event # 1 - 3 >

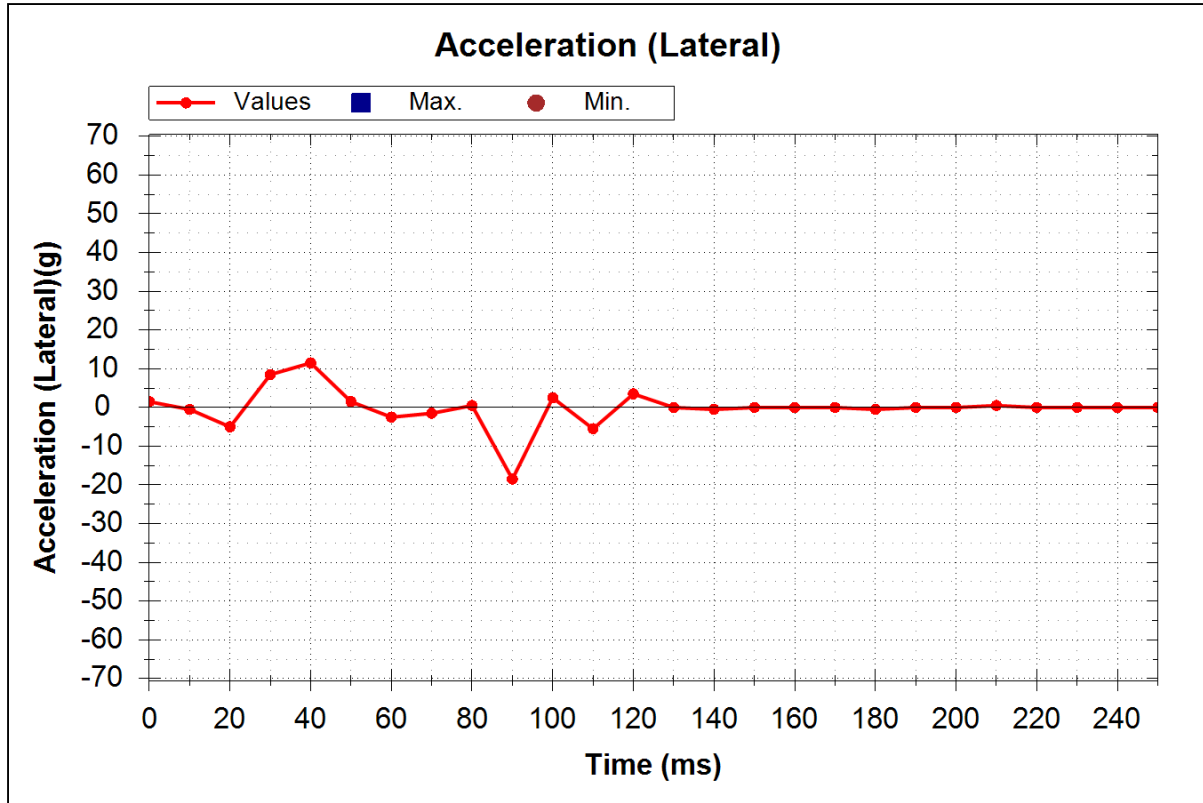
1 [Acceleration (Longitudinal)]



| Num | Time (ms) | Acceleration (Longitudinal) (g) |
|-----|-----------|---------------------------------|
| 1 | 0.0 | -4.5 |
| 2 | 10.0 | -6.5 |
| 3 | 20.0 | -2.0 |
| 4 | 30.0 | -5.5 |
| 5 | 40.0 | -3.0 |
| 6 | 50.0 | -6.5 |
| 7 | 60.0 | -5.5 |
| 8 | 70.0 | -3.5 |
| 9 | 80.0 | -5.5 |
| 10 | 90.0 | -0.5 |
| 11 | 100.0 | -10.5 |
| 12 | 110.0 | -7.5 |
| 13 | 120.0 | -5.5 |
| 14 | 130.0 | -2.0 |
| 15 | 140.0 | -1.0 |
| 16 | 150.0 | 0.0 |
| 17 | 160.0 | 0.0 |
| 18 | 170.0 | 0.0 |
| 19 | 180.0 | 0.0 |
| 20 | 190.0 | 0.0 |

| | | |
|----|-------|------|
| 21 | 200.0 | 0.0 |
| 22 | 210.0 | -1.0 |
| 23 | 220.0 | 0.0 |
| 24 | 230.0 | 0.0 |
| 25 | 240.0 | 0.0 |
| 26 | 250.0 | 0.0 |

2 [Acceleration (Lateral)]



| Num | Time (ms) | Acceleration (Lateral) (g) |
|-----|-----------|----------------------------|
| 1 | 0.0 | 1.5 |
| 2 | 10.0 | -0.5 |
| 3 | 20.0 | -5.0 |
| 4 | 30.0 | 8.5 |
| 5 | 40.0 | 11.5 |
| 6 | 50.0 | 1.5 |
| 7 | 60.0 | -2.5 |
| 8 | 70.0 | -1.5 |
| 9 | 80.0 | 0.5 |
| 10 | 90.0 | -18.5 |
| 11 | 100.0 | 2.5 |
| 12 | 110.0 | -5.5 |
| 13 | 120.0 | 3.5 |
| 14 | 130.0 | 0.0 |
| 15 | 140.0 | -0.5 |
| 16 | 150.0 | 0.0 |
| 17 | 160.0 | 0.0 |
| 18 | 170.0 | 0.0 |
| 19 | 180.0 | -0.5 |
| 20 | 190.0 | 0.0 |
| 21 | 200.0 | 0.0 |
| 22 | 210.0 | 0.5 |

| | | |
|----|-------|-----|
| 23 | 220.0 | 0.0 |
| 24 | 230.0 | 0.0 |
| 25 | 240.0 | 0.0 |
| 26 | 250.0 | 0.0 |

3 [Acceleration (Normal)]

Not Supported...

< Real-time Data >

1 [Ignition cycle_download]

| Num | Ignition cycle_download (Cyc.) |
|-----|--------------------------------|
| 1 | 164 |

< Event # 2 - 1 >

There is no recorded event.

< Event # 2 - 2 >

There is no recorded event.

< Event # 2 - 3 >

There is no recorded event.

< Real-time Data >

1 [Ignition cycle_download]

| Num | Ignition cycle_download (Cyc.) |
|-----|--------------------------------|
| 1 | 164 |

< Event # 1 - 1 >

07 DA 61 50 FF 01 00 00 7F 7E 7D 7C 7B 7A 77 74 72 6F 6F 6D 6B 6A 6A 6A 6A 6A 6A 6A 69
69 69 69 69 56 7F 7F 7F 7F 7F 7F 7F 7F 7F 80 7F 7F 80 80 80 80 80 80 80 80 80 80
80 80 80 23 64 00
00
00 00 00 00 00 03

< Event # 1 - 2 >

07 DA 61 51 FF FF FF 3F 2E 30 31 32 32 32 31 31 30 30 2F 10 0D 09 05 04 06 06 06 06 06
55 55 29 00 9E 01 00 00 00 00 00 01 12 12 12 12 12 12 12 11 11 10 00 00 00 55 55 15 39
38 38 37 37 37 37 37 37 34 00 03 03 07 01 00 00 00 00 00 00 00 00 00 00 00 00 00
00 FF FF

< Event # 1 - 3 >

07 DA 61 52 03 00 00 00 7F F6 7F F2 7F FB 7F F4 7F F9 7F F2 7F F4 7F F8 7F F4 7F FE 7F EA
7F F0 7F F4 7F FB 7F FD 7F FF 7F FF 7F FF 7F FF 7F FF 7F FF 7F FD 7F FF 7F FF 7F FF
80 02 7F FE 7F F5 80 10 80 16 80 02 7F FA 7F FC 80 00 7F DA 80 04 7F F4 80 06 7F FF 7F FE
7F FF 7F FF 7F FF 7F FE 7F FF 7F FF 80 00 7F FF 7F FF 7F FF 7F FF 00 00 00 00 00 00 00
00 00

< Real-time Data >

07 DA 61 D0 FF FF 0F 00 73 DF F5 48 47 39 38 39 3A 3C 39 00 00 3A 3A 3A 39 00 00 00 A4

< Event # 2 - 1 >

There is no recorded event.

< Event # 2 - 2 >

There is no recorded event.

< Event # 2 - 3 >

There is no recorded event.

< Real-time Data >

07 DA 61 D0 FF FF 0F 00 73 DF F5 47 47 39 38 39 3A 3C 39 00 00 3C 3A 3A 39 00 00 00 A4