

updateSeverityInfo

Superseded Specifications	
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Version History

Version	Date	Status	Description	Updated By
0.1	13 Apr 2021	DRAFT	Initial proposal	Changes performed by Rondon, Magali [Global Data & Content]

Content

- [Content](#)
- [Summary](#)
 - [Applicable Quoting Methods](#)
 - [Change History](#)
- [updateSeverityInfo](#)
 - [Request Parameters](#)
 - [Example Request](#)
 - [Example Response](#)
 - [Example Response - Authentication Exception](#)
 - [Example Response - Not found the claim](#)
 - [Example Response - Mandatory field missing](#)
 - [Example Response - Direction invalid](#)
 - [Example Response - Invalid area code](#)
 - [Example Response - Invalid severity code](#)
 - [Example Response - Invalid value](#)
 - [Example Response - Claim is Locked](#)
 - [Example Response - Generic Error](#)
 - [Damaged Areas and Severity Enumerations](#)

Summary

The updateSeverityInfo function is used to update the damage severity information into the platform without having to log into the system.



This message allows to update the damage for all the vehicle main areas, accordingly with the claim's kind of incident. Also allows to indicate the primary and secondary direction of the impact

. The Severity information from all panels can be retrieved using either claim number/display name or quote request number/quote request version number. The request parameters are listed in the table below.

The response of this message will contain the list of main areas, and their related ones, which suffer damages, and will detail the severity of the damage according with pre-determine values.

The severity values are related with the type of incident. For example, if the incident was an Impact, then the severity could be Heavy Panel Damage (HP), but if the incident type was Fire, the severity code could be Burn Out (BO)

Applicable Quoting Methods

Quoting Method	AudaNet Quoting Method	AudaBridge Quoting Method
		

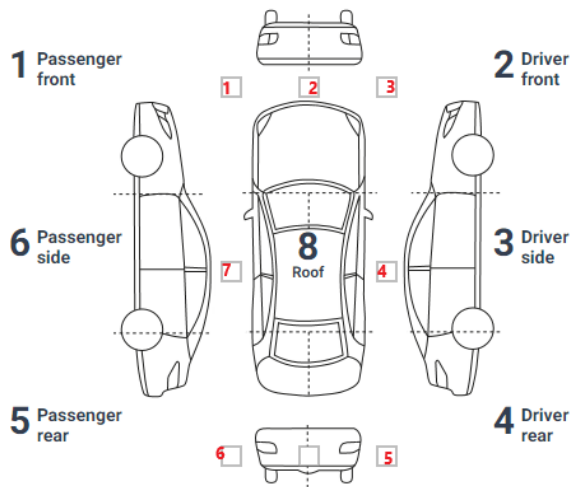
Change History

Date	Autor	JIRA	Description
13 Apr 2021	Rondon, Magali [Global Data & Content]		updates the information about the damage severity of all the areas and its related ones areas.

updateSeverityInfo

Request Parameters

Field Name	Field Type	Comments
*userId	String	
*password	String	
claimNumber	String	If used, delete quoteRequestNumber and quoteRequestVersionNumber fields
displayName	String	If used, delete quoteRequestNumber and quoteRequestVersionNumber fields
quoteRequestNumber	String	If used, delete claimNumber and displayName fields
quoteRequestVersionNumber	String	If used, delete claimNumber and displayName fields
*generator	String	
version	String	
*incidentType	String	<p>Enumeration values.</p> <ul style="list-style-type: none"> • Catastrophe • Impact • Damage • Fire • Flood • Storm • Theft
primaryDirection	String	<p>For representing the impact directions fields, each field will have a corresponding number, from 1 to 7 (see picture below).</p> <p>An impact direction will be represented as field number - field number</p> <p>Example. 1-7</p> <p>Note: equals fields numbers are not allowed like "1-1" or "4-4"</p> <p>Additional note: depending on the type of vehicle the number of fields could be different</p>
secondaryDirection	String	Same as primary direction, PrimaryDirection is mandatory if secondaryDirection is submitted.
damageArea	String	A number related with the area. The damage area must be according with the type of vehicle of the claim
severityCode	String	A code representing the damage. The damage code is related with the claim's type of incident.



Example Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ws:updateSeverityInfoRequest xmlns:ws="http://ws.axnbusiness.b2b.audatex.com">
      <ws:credential>
        <ws:userId>userid</ws:userId>
        <ws:password>password</ws:password>
      </ws:credential>
      <ws:versions>
        <ws:generator>AXN</ws:generator>
        <!--Optional:-->
      </ws:versions>
      <ws:claimNumber>testClaim1910-01</ws:claimNumber>
      <ws:displayName>ALZ013942</ws:displayName>
      <ws:incidentType>Impact</ws:incidentType>
      <ws:primaryDirection>1-3</ws:primaryDirection>
      <ws:secondaryDirection>4-6</ws:secondaryDirection>
      <ws:damagedPanels>
        <ws:damagedArea>
          <ws:area>6 - Passanger Side</ws:area>
          <ws:severity>LS</ws:severity>
        </ws:damagedArea>
        <ws:damagedArea>
          <ws:area>1 - Passanger Front</ws:area>
          <ws:severity>HP</ws:severity>
        </ws:damagedArea>
      </ws:damagedPanels>
    </ws:updateSeverityInfoRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

Example Response

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ws:updateSeverityInfoResponse xmlns:ws="http://ws.axnbusiness.b2b.audatex.com">
      <ws:serviceResponse>
        <ws:Code>Service.OK</ws:Code>
        <ws:Severity>0</ws:Severity>
        <ws:Message>Operation completed successfully</ws:Message>
      </ws:serviceResponse>
      <ws:claimNumber>testClaim1910-01</ws:claimNumber>
      <ws:displayName>ALZ013942</ws:displayName>
      <ws:incidentType>Impact</ws:incidentType>
      <ws:primaryDirection>1-3</ws:primaryDirection>
      <ws:secondaryDirection>4-6</ws:secondaryDirection>
      <ws:damagedPanels>
        <ws:damagedArea>
          <ws:area>6 - Passanger Side</ws:area>
          <ws:severity>LS</ws:severity>
        </ws:damagedArea>
        <ws:damagedArea>
          <ws:area>1 - Passenger Front</ws:area>
          <ws:severity>HP</ws:severity>
        </ws:damagedArea>
      </ws:damagedPanels>
    </ws:updateSeverityInfoResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

Example Response - Authentication Exception

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ns1:updateSeverityInfoResponse xmlns="http://ws.axnbusiness.b2b.audatex.com" xmlns:ns1="http://ws.axnbusiness.b2b.audatex.com">
      <ns1:serviceResponse>
        <ns1:Code>Authentication.Failed</ns1:Code>
        <ns1:Severity>2</ns1:Severity>
        <ns1:Message>Authentication failed, please provide the correct username/password</ns1:Message>
      </ns1:serviceResponse>
    </ns1:updateSeverityInfoResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

Example Response - Not found the claim

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ns1:updateSeverityInfoResponse xmlns="http://ws.axnbusiness.b2b.audatex.com" xmlns:ns1="http://ws.axnbusiness.b2b.audatex.com">
      <ns1:serviceResponse>
        <ns1:Code>Task.Not.Found.Claim</ns1:Code>
        <ns1:Severity>2</ns1:Severity>
        <ns1:Message>No task was found with the claim number and display name specified</ns1:Message>
      </ns1:serviceResponse>
    </ns1:updateSeverityInfoResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

Example Response - Mandatory field missing

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ns1:updateSeverityInfoResponse xmlns="http://ws.axnbusiness.b2b.audatex.com" xmlns:ns1="http://ws.axnbusiness.b2b.audatex.com">
      <ns1:serviceResponse>
        <ns1:Code>Mandatory.Fields.Missing</ns1:Code>
        <ns1:Severity>2</ns1:Severity>
        <ns1:Message>Incident type is mandatory</ns1:Message>
      </ns1:serviceResponse>
    </ns1:updateSeverityInfoResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

Example Response - Direction invalid

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ns1:updateSeverityInfoResponse xmlns="http://ws.axnbusiness.b2b.audatex.com" xmlns:ns1="http://ws.axnbusiness.b2b.audatex.com">
      <ns1:serviceResponse>
        <ns1:Code>Invalid.Value</ns1:Code>
        <ns1:Severity>2</ns1:Severity>
        <ns1:Message>Incorrect impact direction</ns1:Message>
      </ns1:serviceResponse>
    </ns1:updateSeverityInfoResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

Example Response - Invalid area code

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ns1:updateSeverityInfoResponse xmlns="http://ws.axnbusiness.b2b.audatex.com" xmlns:ns1="http://ws.axnbusiness.b2b.audatex.com">
      <ns1:serviceResponse>
        <ns1:Code>Invalid.AreaCode</ns1:Code>
        <ns1:Severity>2</ns1:Severity>
        <ns1:Message>6 - Passenger front is not an valid area code for Bike type of vehicle</ns1:Message>
      </ns1:serviceResponse>
    </ns1:updateSeverityInfoResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

Example Response - Invalid severity code

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ns1:updateSeverityInfoResponse xmlns="http://ws.axnbusiness.b2b.audatex.com" xmlns:ns1="http://ws.axnbusiness.b2b.audatex.com">
      <ns1:serviceResponse>
        <ns1:Code>Invalid.Severity</ns1:Code>
        <ns1:Severity>2</ns1:Severity>
        <ns1:Message>"Minor smoke" is not a valid severity code for Impact type incident </ns1:Message>
      </ns1:serviceResponse>
    </ns1:updateSeverityInfoResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

```

    </nsl:serviceResponse>
  </nsl:updateSeverityInfoResponse>
</soapenv:Body>
</soapenv:Envelope>

```

Example Response - Invalid value

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <nsl:updateSeverityInfoResponse xmlns="http://ws.axnbusiness.b2b.audatex.com" xmlns:nsl="http://ws.axnbusiness.b2b.audatex.com">
      <nsl:serviceResponse>
        <nsl:Code>Invalid.Value</nsl:Code>
        <nsl:Severity>2</nsl:Severity>
        <nsl:Message>"101" is not a valid value for damage area </nsl:Message>
      </nsl:serviceResponse>
    </nsl:updateSeverityInfoResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

Example Response - Claim is Locked

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<updateSeverityInfoResponse
  xmlns="http://ws.axnbusiness.b2b.audatex.com">
  <serviceResponse>
    <Code>Claim.Is.Locked</Code>
    <Severity>2</Severity>
    <Message>Claim is locked</Message>
  </serviceResponse>
</updateSeverityInfoResponse>

```

Example Response - Generic Error

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<updateSeverityInfoResponse
  xmlns="http://ws.axnbusiness.b2b.audatex.com">
  <serviceResponse>
    <Code>Generic.Error</Code>
    <Severity>2</Severity>
    <Message>"An unknown error occurred"</Message>
  </serviceResponse>
</updateSeverityInfoResponse>

```

Damaged Areas and Severity Enumerations

Impact	Description
LP	Light panel damage (repair panel)
HP	Heavy panel damage (replace panel)
LS	Light structural damage (repair structural part)
HS	Heavy structural damage (replace structural part)
UR	Unrepairable
MI	Minor engine damage

MJ	Major engine damage
Fire	Description
MS	Minor smoke (Smoke and/or soot damage to interior)
SH	Smoke and heat (minor engine fire or minor interior fire or exterior exposed to external heat source)
BO	Burnt (more than one third of the vehicle completely burnt or burnt to the extent that repairs are not economic)
Malicious Damage	Description
1S	Minor stripping (wheels, radio, damaged door locks)
1V	Minor vandalism (wheels, radio, damaged door locks)
2S	Major stripping (interior parts, external panels)
2V	Major vandalism (interior parts, external panels)
Hail	Description
LP	Light panel damage (repairable, traditional or paintless)
HP	Heavy panel damage (replace panel)
Water	Description
FF	Full fresh immersion (short term)
FS	Full salt immersion (short term)

Vehicle Type	Incident Type	Area Code	Area Code Description	Applicable Severity Codes					Related Area Codes				
Motor	Impact												
		1	Passenger Front	LP	HP	LS	HS	-	-	-	-	-	-
		2	Driver Front	LP	HP	LS	HS	-	-	-	-	-	-
		3	Driver Side	LP	HP	LS	HS	-	-	-	-	-	-
		4	Driver Rear	LP	HP	LS	HS	-	-	-	-	-	-
		5	Passenger Rear	LP	HP	LS	HS	-	-	-	-	-	-
		6	Passenger Side	LP	HP	LS	HS	-	-	-	-	-	-
		7	Engine / Driveline	MI	MJ	-	-	-	-	-	-	-	-
		8	Roof	LS	HS	-	-	-	-	-	-	-	-
		9	Interior Damage	MI	MJ	-	-	-	-	-	-	-	-
	Hail												
		1	Passenger Front	LP	HP	LS	-	-	-	-	-	-	-
		2	Driver Front	LP	HP	LS	-	-	-	-	-	-	-
		3	Driver Side	LP	HP	LS	-	-	-	-	-	-	-
		4	Driver Rear	LP	HP	LS	-	-	-	-	-	-	-
		5	Passenger Rear	LP	HP	LS	-	-	-	-	-	-	-
		6	Passenger Side	LP	HP	LS	-	-	-	-	-	-	-
		7	Engine / Driveline	-	-	-	-	-	-	-	-	-	-
		8	Roof	LS	-	-	-	-	-	-	-	-	-
		9	Interior Damage	MI	MJ	-	-	-	-	-	-	-	-
	Malicious												
		1	Passenger Front	LP	1S	2S	1V	2V	-	-	-	-	-
		2	Driver Front	LP	1S	2S	1V	2V	-	-	-	-	-
		3	Driver Side	LP	1S	2S	1V	2V	-	-	-	-	-
		4	Driver Rear	LP	1S	2S	1V	2V	-	-	-	-	-
		5	Passenger Rear	LP	1S	2S	1V	2V	-	-	-	-	-
		6	Passenger Side	LP	1S	2S	1V	2V	-	-	-	-	-
		7	Engine / Driveline	MI	MJ	1S	2S	-	-	-	-	-	-
		8	Roof	LP	1S	2S	1V	2V	-	-	-	-	-
		9	Interior Damage	1S	2S	1V	2V	-	-	-	-	-	-
	Fire												
		1	Passenger Front	MS	SH	BO	-	-	-	-	-	-	-
		2	Driver Front	MS	SH	BO	-	-	-	-	-	-	-
		3	Driver Side	MS	SH	BO	-	-	-	-	-	-	-
		4	Driver Rear	MS	SH	BO	-	-	-	-	-	-	-
		5	Passenger Rear	MS	SH	BO	-	-	-	-	-	-	-

		6	Passenger Side	MS	SH	BO	-	-	-	-	-	-
		7	Engine / Driveline	MS	SH	BO	-	-	-	-	-	-
		8	Roof	MS	SH	BO	-	-	-	-	-	-
		9	Interior Damage	MS	SH	BO	-	-	-	-	-	-
	Water											
		1	Passenger Front	FF	FS	-	-	-	-	-	-	-
		2	Driver Front	FF	FS	-	-	-	-	-	-	-
		3	Driver Side	FF	FS	-	-	-	-	-	-	-
		4	Driver Rear	FF	FS	-	-	-	-	-	-	-
		5	Passenger Rear	FF	FS	-	-	-	-	-	-	-
		6	Passenger Side	FF	FS	-	-	-	-	-	-	-
		7	Engine / Driveline	FF	FS	-	-	-	-	-	-	-
		8	Roof	FF	FS	-	-	-	-	-	-	-
		9	Interior Damage	FF	FS	-	-	-	-	-	-	-
Bike	Incident Type											
	Impact											
		10	Front	LP	HP	LS	HS	-	-	-	-	-
		11	Rear	LP	HP	LS	HS	-	-	-	-	-
		12	Left Side	LP	HP	LS	HS	-	-	-	-	-
		13	Right Side	LP	HP	LS	HS	-	-	-	-	-
	Hail											
		10	Front	LP	HP	-	-	-	-	-	-	-
		11	Rear	LP	HP	-	-	-	-	-	-	-
		12	Left Side	LP	HP	-	-	-	-	-	-	-
		13	Right Side	LP	HP	-	-	-	-	-	-	-
	Malicious											
		10	Front	1S	2S	1V	2V	-	-	-	-	-
		11	Rear	1S	2S	1V	2V	-	-	-	-	-
		12	Left Side	1S	2S	1V	2V	-	-	-	-	-
		13	Right Side	1S	2S	1V	2V	-	-	-	-	-
	Fire											
		10	Front	MS	SH	BO	-	-	-	-	-	-
		11	Rear	MS	SH	BO	-	-	-	-	-	-
		12	Left Side	MS	SH	BO	-	-	-	-	-	-
		13	Right Side	MS	SH	BO	-	-	-	-	-	-
	Water											
		10	Front	FF	FS	-	-	-	-	-	-	-
		11	Rear	FF	FS	-	-	-	-	-	-	-
		12	Left Side	FF	FS	-	-	-	-	-	-	-
		13	Right Side	FF	FS	-	-	-	-	-	-	-
Trailer / Caravan	Incident Type											
	Impact											
		10	Front	LP	HP	LS	HS	-	-	-	-	-
		11	Rear	LP	HP	LS	HS	-	-	-	-	-
	Hail											
		10	Front	LP	HP	-	-	-	-	-	-	-
		11	Rear	LP	HP	-	-	-	-	-	-	-
	Malicious											
		10	Front	1S	2S	1V	2V	-	-	-	-	-
		11	Rear	1S	2S	1V	2V	-	-	-	-	-
	Fire											
		10	Front	MS	SH	BO	-	-	-	-	-	-
		11	Rear	MS	SH	BO	-	-	-	-	-	-
	Water											
		10	Front	FF	FS	-	-	-	-	-	-	-
		11	Rear	FF	FS	-	-	-	-	-	-	-
Heavy Truck / Prime Mover / Heavy Bus / Heavy Trailer	Incident Type											
	Impact											
		1	Passenger Front	LP	HP	LS	HS	-	-	-	-	-
		2	Driver Front	LP	HP	LS	HS	-	-	-	-	-
		3	Driver Side	LP	HP	LS	HS	-	-	-	-	-
		4	Driver Rear	LP	HP	LS	HS	-	-	-	-	-

		5	Passenger Rear	LP	HP	LS	HS	-	-	-	-	-	
		6	Passenger Side	LP	HP	LS	HS	-	-	-	-	-	
** remove Area 7 for Heavy Trailer		7	Engine / Driveline	MI	MJ	-	-	-	-	-	-	-	
		8	Roof	LS	HS	-	-	-	-	-	-	-	
		9	Interior Damage	MI	MJ	-	-	-	-	-	-	-	
	Hail												
		1	Passenger Front	LP	HP	LS	-	-	-	-	-	-	
		2	Driver Front	LP	HP	LS	-	-	-	-	-	-	
		3	Driver Side	LP	HP	LS	-	-	-	-	-	-	
		4	Driver Rear	LP	HP	LS	-	-	-	-	-	-	
		5	Passenger Rear	LP	HP	LS	-	-	-	-	-	-	
		6	Passenger Side	LP	HP	LS	-	-	-	-	-	-	
** remove Area 7 for Heavy Trailer		7	Engine / Driveline	-	-	-	-	-	-	-	-	-	
		8	Roof	LS	-	-	-	-	-	-	-	-	
		9	Interior Damage	MI	MJ	-	-	-	-	-	-	-	
	Malicious												
		1	Passenger Front	LP	1S	2S	1V	2V	-	-	-	-	
		2	Driver Front	LP	1S	2S	1V	2V	-	-	-	-	
		3	Driver Side	LP	1S	2S	1V	2V	-	-	-	-	
		4	Driver Rear	LP	1S	2S	1V	2V	-	-	-	-	
		5	Passenger Rear	LP	1S	2S	1V	2V	-	-	-	-	
		6	Passenger Side	LP	1S	2S	1V	2V	-	-	-	-	
** remove Area 7 for Heavy Trailer		7	Engine / Driveline	MI	MJ	1S	2S	-	-	-	-	-	
		8	Roof	LP	1S	2S	1V	2V	-	-	-	-	
		9	Interior Damage	1S	2S	1V	2V	-	-	-	-	-	
	Fire												
		1	Passenger Front	MS	SH	BO	-	-	-	-	-	-	
		2	Driver Front	MS	SH	BO	-	-	-	-	-	-	
		3	Driver Side	MS	SH	BO	-	-	-	-	-	-	
		4	Driver Rear	MS	SH	BO	-	-	-	-	-	-	
		5	Passenger Rear	MS	SH	BO	-	-	-	-	-	-	
		6	Passenger Side	MS	SH	BO	-	-	-	-	-	-	
** remove Area 7 for Heavy Trailer		7	Engine / Driveline	MS	SH	BO	-	-	-	-	-	-	
		8	Roof	MS	SH	BO	-	-	-	-	-	-	
		9	Interior Damage	MS	SH	BO	-	-	-	-	-	-	
	Water												
		1	Passenger Front	FF	FS	-	-	-	-	-	-	-	
		2	Driver Front	FF	FS	-	-	-	-	-	-	-	
		3	Driver Side	FF	FS	-	-	-	-	-	-	-	
		4	Driver Rear	FF	FS	-	-	-	-	-	-	-	
		5	Passenger Rear	FF	FS	-	-	-	-	-	-	-	
		6	Passenger Side	FF	FS	-	-	-	-	-	-	-	
** remove Area 7 for Heavy Trailer		7	Engine / Driveline	FF	FS	-	-	-	-	-	-	-	
		8	Roof	FF	FS	-	-	-	-	-	-	-	
		9	Interior Damage	FF	FS	-	-	-	-	-	-	-	
Motor	Incident Type	Additional Area Codes	Additional Area Code Description	Applicable Severity Code					Related Areas				
	Impact												
		14	Whole Vehicle	-	-	-	-	-	-	-	-	-	
		15	Floor pan (passenger front)	LS	HS	-	-	-	6	-	-	-	
		16	Firewall	LS	HS	-	-	-	1	2	-	-	
		17	Chassis/structural rails (passenger)	LS	HS	-	-	-	1	5	-	-	
		18	Floor pan (driver rear)	LS	HS	-	-	-	3	-	-	-	
		19	Floor pan (driver front)	LS	HS	-	-	-	3	-	-	-	
		20	Floor pan (passenger rear)	LS	HS	-	-	-	6	-	-	-	
		21	Chassis/structural rails (driver)	LS	HS	-	-	-	2	4	-	-	
		22	A pillar passenger	LS	HS	-	-	-	1	6	-	-	
		23	A pillar driver	LS	HS	-	-	-	2	3	-	-	
		24	B pillar passenger	LS	HS	-	-	-	6	-	-	-	
		25	B pillar driver	LS	HS	-	-	-	3	-	-	-	
		26	C pillar passenger	LS	HS	-	-	-	5	6	-	-	
		27	C pillar driver	LS	HS	-	-	-	3	4	-	-	
		28	D pillar passenger	LS	HS	-	-	-	5	-	-	-	
		29	D pillar driver	LS	HS	-	-	-	4	-	-	-	
		30	Engine block (cracked, fractured)	MI	MJ	-	-	-	7	-	-	-	
		31	Transmission case	MI	MJ	-	-	-	7	-	-	-	
		32	Differential case	MI	MJ	-	-	-	7	-	-	-	

		33	Axle housing	MI	MJ	-	-	-	7	-	-	-	
		34	Suspension (passenger front)	MI	MJ	-	-	-	1	-	-	-	
		35	Suspension (driver front)	MI	MJ	-	-	-	2	-	-	-	
		36	Suspension (passenger rear)	MI	MJ	-	-	-	5	-	-	-	
		37	Suspension (driver rear)	MI	MJ	-	-	-	4	-	-	-	
		38	Airbag front	UR	-	-	-	-	9	-	-	-	
		39	Airbag side	UR	-	-	-	-	9	-	-	-	
		40	Airbag curtain	UR	-	-	-	-	9	-	-	-	
		41	Seat belt pre-tensioner	UR	-	-	-	-	9	-	-	-	
Heavy Truck / Prime Mover / Heavy Bus / Heavy Trailer	Incident Type	Additional Area Codes	Additional Area Code Description	Applicable Severity Code					Related Areas				
	Impact												
		15	Floor pan (passenger front)	LS	HS				1	6	-	-	
		16	Firewall	LS	HS				1	2	-	-	
		17	Chassis/structural rails (passenger)	LS	HS				1	5	6	-	
		18	Floor pan (driver rear)	LS	HS				3	4	-	-	
		19	Floor pan (driver front)	LS	HS				2	3	-	-	
		20	Floor pan (passenger rear)	LS	HS				5	6	-	-	
		21	Chassis/structural rails (driver)	LS	HS				2	3	4	-	
		22	A pillar passenger	LS	HS				1	-	-	-	
		23	A pillar driver	LS	HS				2	-	-	-	
		24	B pillar passenger	LS	HS				1	6	-	-	
		25	B pillar driver	LS	HS				2	3	-	-	
		26	C pillar passenger	LS	HS				5	-	-	-	
		27	C pillar driver	LS	HS				4	-	-	-	
		28	D pillar passenger	LS	HS				5	-	-	-	
		29	D pillar drive	LS	HS				4	-	-	-	
		30	Engine block (cracked, fractured)	MI	MJ				7	-	-	-	
		31	Transmission case	MI	MJ				7	-	-	-	
		32	Differential case	MI	MJ				7	-	-	-	
		33	Axle housing	MI	MJ				7	-	-	-	
		34	Suspension (passenger front)	MI	MJ				1	-	-	-	
		35	Suspension (driver front)	MI	MJ				2	-	-	-	
		36	Suspension (passenger rear)	MI	MJ				5	-	-	-	
		37	Suspension (driver rear)	MI	MJ				4	-	-	-	
		38	Airbag front	UR					9	-	-	-	
		39	Airbag side	UR					9	-	-	-	
		40	Airbag curtain	UR					9	-	-	-	
		41	Seat belt pre-tensioner	UR					9	-	-	-	
		42	Battery pack	UR					3	6	-	-	
		43	Tow Point (eg fifth wheel, turntable, king pin, drawer bar, hook, eyelet)	MI	MJ				4	5	-	-	
		44	Aux Equipment (eg crane, concrete pump or mixer, tank, pump, garbage compactor)	MI	MJ				3	4	5	6	
		45	Hydraulic or other Lifting Equipment (eg the ram on a tipping trailer)	MI	MJ				3	4	5	6	
		46	Roll-over Protective Structure	UR					3	4	5	6	
	Fire												
		15	Floor pan (passenger front)	MS	SH	BO			1	6	-	-	
		16	Firewall	MS	SH	BO			1	2	-	-	
		17	Chassis/structural rails (passenger)	MS	SH	BO			1	5	6	-	
		18	Floor pan (driver rear)	MS	SH	BO			3	4	-	-	
		19	Floor pan (driver front)	MS	SH	BO			2	3	-	-	
		20	Floor pan (passenger rear)	MS	SH	BO			5	6	-	-	
		21	Chassis/structural rails (driver)	MS	SH	BO			2	3	4	-	
		22	A pillar passenger	MS	SH	BO			1	-	-	-	
		23	A pillar driver	MS	SH	BO			2	-	-	-	
		24	B pillar passenger	MS	SH	BO			1	6	-	-	
		25	B pillar driver	MS	SH	BO			2	3	-	-	
		26	C pillar passenger	MS	SH	BO			5	-	-	-	
		27	C pillar driver	MS	SH	BO			4	-	-	-	
		28	D pillar passenger	MS	SH	BO			5	-	-	-	
		29	D pillar drive	MS	SH	BO			4	-	-	-	
		30	Engine block (cracked, fractured)	MI	MJ				7	-	-	-	
		31	Transmission case	MI	MJ				7	-	-	-	
		32	Differential case	MI	MJ				7	-	-	-	
		33	Axle housing	MI	MJ				7	-	-	-	

		34	Suspension (passenger front)	MI	MJ				1	-	-	-
		35	Suspension (driver front)	MI	MJ				2	-	-	-
		36	Suspension (passenger rear)	MI	MJ				5	-	-	-
		37	Suspension (driver rear)	MI	MJ				4	-	-	-
		38	Airbag front	UR					9	-	-	-
		39	Airbag side	UR					9	-	-	-
		40	Airbag curtain	UR					9	-	-	-
		41	Seat belt pre-tensioner	UR					9	-	-	-
		42	Battery pack	UR					3	6	-	-
		43	Tow Point (eg fifth wheel, turntable, king pin, drawer bar, hook, eyelet)	MI	MJ				4	5	-	-
		44	Aux Equipment (eg crane, concrete pump or mixer, tank, pump, garbage compactor)	MI	MJ				3	4	5	6
		45	Hydraulic or other Lifting Equipment (eg the ram on a tipping trailer)	MI	MJ				3	4	5	6
		46	Roll-over Protective Structure	UR					3	4	5	6