# Case Report

CASE # 2003-079-057

#### Crash

DATE March 2003 TIME 11:30 STRATUM E STATUS Published AIR BAG DEPLOYED 🗶

#### Summary

CRASH TYPE

#### CONFIGURATION

Vehicle one, a 1998 Ford Mustang, was traveling north in the number four lane of a six lane, physically divided, concrete, level, dry highway. Vehicle two, a 1995 Chevy Camaro, was traveling north in the number five lane of the same highway. Vehicle three, a 2003 Volvo XC90, was traveling north in the number five lane of the same highway. As vehicle one negotiated a lane change, from number five to number six, its left front plane contacted the right rear plane of vehicle three. Vehicle one spun counter clockwise then it's right rear contacted the right plane of vehicle two as vehicle two veered to the left to attempt to avoid the crash. Vehicle three, after being contacted by vehicle one on its right rear plane then spun clockwise and rolled over about six quarter turns, landing on its roof. Vehicle one was towed with moderate damage.

Vehicle two was driven from scene with moderate damage. Vehicle three was towed with rollover damage and had deployed side curtain air bags.

Driver of vehicle one was not reported as injured. Driver of vehicle two was not reported as injured. Driver of vehicle three received visible injuries and was transported. Occupant two of vehicle three received visible injuries and was transported.

#### Structure - Case Summary

<u>Vehicles</u>		<u>Occupants</u>
Total	3	Total 4
CDS in Transport	3	
CDS not in Transport	0	
Non CDS	0	

#### Structure - Vehicles

Vehicle No.	<u>Type</u>	Occupants
1	CDS in transport	1
2	CDS in transport	1
3	CDS in transport	2

#### **Events**

Event No. 1
Vehicle No. 1

VERSUS Object Contacted Vehicle Vehicle#3

Class Compact (wheelbase >= 254 but < 265 cm)

Class Compact utility vehicle

Area of Damage Front Area of Damage Back

Event No. 2
Vehicle No. 3

VERSUS Object Contacted Noncollision Overturn->rollover(excludes end-over-end)

Class Compact utility vehicle Class Not a motor vehicle

Area of Damage Top Area of Damage Noncollision

Event No. 3 Vehicle No. 1

VERSUS Object Contacted Vehicle Vehicle#2

Class Compact (wheelbase >= 254 but < 265 cm)

Class Compact (wheelbase >= 254 but < 265 cm)

Area of Damage	Right Side	Area of Damage	Right Side
----------------	------------	----------------	------------

#### **Vehicles**

No.	<u>Year</u>	<u>Make</u>	<u>Model</u>	Damage Plane	<u>Severity</u>	Component Failure
1	1998	FORD	MUSTANG/MUSTANG II	Front	Unknown	unknown
2	1995	CHEVROLET	CAMARO	Right	Unknown	unknown
3	2003	VOLVO	XC90	Тор	Moderate	none

#### **Persons**

Veh # 1 Role Driver Seat 11 Restraint Use manual-unk/auto-unk

Occ # 1 Most Severe Injury No Injuries

Severity Injury Source

Veh # 2 Role Driver Seat zz Restraint Use

Occ # 1 Most Severe Injury No Injuries

Severity Injury Source

Veh # 3 Role Driver Seat 11 Restraint Use airbag/manual-unk/auto-not used

Occ # 1 Most Severe Injury No Injuries

Severity Injury Source

Veh # 3 Role Passenger Seat 13 Restraint Use airbag/manual-unk/auto-not used

Occ # 2 Most Severe Injury Upper Extremity Skin abrasion

Severity Minor
Injury Source Flying glass

Vehicle

#### Vehicle Identification

1 Model Year 1998 Number Make FORD Model MUSTANG/MUSTANG II VIN 999999999 In Transport X Special Use No Special Use

Body Type Unknown automobile type Body Category Automobiles

Class Compact (wheelbase >= 254 but < 265 cm)

Weight

**Curb Weight** 1390 kg Source **Automotive News** 

Cargo Weight Unknown Source Cargo weight unknown

Inspection

Type No Inspection

Official Records

Police Reported

Vehicle Disposition Towed due to vehicle damage

Travel Speed 105 kmph Posted Speed Limit 105 kmph

Driver

**Driver Present** Occupant Number Yes

Unknown Race Alcohol Test Unknown

Zip Code Result 90290 (not applicable) PAR Alcohol Present Source (not applicable) No alcohol present

PAR Other Drug Present Not reported Other Drug Test Result Unknown if specimen test given

Pre-Crash Environment

General

Interchange

Non-interchange area and non-junction

Trafficway Flow Divided trafficway-median strip with positive Atmospheric No adverse atmospheric-related driving conditions

barrier

Level

Concrete

**Travel Lanes** Six **Conditions** 

**Daylight** 

**Traffic Control** 

Light

Roadway

Profile

Surface Type

Device No traffic control(s)

Functioning No traffic control device Alignment Straight

Surface Condition Dry

Driver

General

Pre-event Movement Changing lanes

(Prior to Recognition of Critical Event)

Critical PreCrash Category Over the lane line on left side of travel lane

Critical PreCrash Event Over the lane line on left side of travel lane

Attempted Avoidance Maneuver Unknown

Pre-Impact Stability Tracking

Pre-Impact Location Stayed on roadway but left original travel lane

Crash Type 24 - Slower

**Distractions** 

Driver's Distraction/Inattention To Driving Unknown

**AOPS** 

Air Bag Related

Is This an AOPS Vehicle? Unknown

Air Bag(s) Deployment:

First Seat Frontal Unknown
Other than First Seat Frontal Unknown
Type of "other" airbag present None

Rollover

Rollover Data

Type No Rollover (no overturning)

Quarter Turns -886

Location on Vehicle where Initial (not applicable)

Principal Tripping Force is Applied

Direction of Initial Roll (not applicable)

Rollover Initiation

Type (not applicable)

Location (not applicable)
Object Contacted Class (not applicable)

object contacted class

**Object Contacted** 

(not applicable)

Reconstruction

## Heading Angle at Impact

Impact Category Unknown

Angle -- This Vehicle (degrees) (not applicable)

Angle -- Other Vehicle (degrees) (not applicable)

## SCI-CDS General Vehicle Report: Case # 2003-079-057/Vehicle # 1

#### Reconstruction Data

Towed Trailing Unit No Towed Unit

Documentation of Trajectory Data No

Post Collision Condition

of Tree or Pole

Not Collision (for Highest Delta V) with tree or pole

Delta V

## Highest Computer Generated Delta V

**Event Number** 

Basis for Delta V

Total

Longitudinal Component

Energy Absorption

Lateral Component

Impact Speed

## Barrier Equivalent Speed

Confidence Level No reconstruction

Estimated Delta V

Researcher Determined (not available)

Vehicle

#### Vehicle Identification

Number 2 Model Year 1995 Make CHEVROLET Model CAMARO

Body Type Unknown automobile type Body Category Automobiles

Class Compact (wheelbase >= 254 but < 265 cm)

Weight

Curb Weight Unknown Source Curb weight unknown
Cargo Weight Unknown Source Cargo weight unknown

Inspection

Type No Inspection

Official Records

Police Reported

Vehicle Disposition Not towed due to vehicle damage

Travel Speed Unknown Posted Speed Limit 105 kmph

Driver

Driver Present Yes Occupant Number 1

Race Unknown Alcohol Test Unknown

Zip Code 76034 Result (not applicable)
PAR Alcohol Present No alcohol present Source (not applicable)

PAR Other Drug Present Not reported Other Drug Test Result Unknown if specimen test given

Pre-Crash Environment

General

Interchange

Non-interchange area and non-junction

Trafficway Flow Divided trafficway-median strip with positive

barrier

Travel Lanes Six

Conditions

Light Daylight

Atmospheric No adverse atmospheric-related driving conditions

Traffic Control

Roadway Device No traffic control(s)

Alignment Straight
Profile Level

Surface Type Concrete

Surface Condition Dry

Functioning No traffic control device

Driver

General

Pre-event Movement Going Straight

(Prior to Recognition of Critical Event)

Critical PreCrash Category From adjacent lane (same direction -over right lane line

Critical PreCrash Event From adjacent lane (same direction -over right lane line

Attempted Avoidance Maneuver Unknown

Pre-Impact Stability Tracking

Pre-Impact Location Unknown

Crash Type 98 - Other Accident Type

**Distractions** 

Driver's Distraction/Inattention To Driving Unknown

**AOPS** 

Air Bag Related

Is This an AOPS Vehicle? Unknown

Air Bag(s) Deployment:

First Seat Frontal Unknown

Other than First Seat Frontal Not equipped with an 'other' air bag

Type of "other" airbag present

Rollover

Rollover Data

Type No Rollover (no overturning)

Quarter Turns -886

Location on Vehicle where Initial (not applicable)

Principal Tripping Force is Applied

Direction of Initial Roll (not applicable)

Rollover Initiation

Type (not applicable)

Location (not applicable)
Object Contacted Class (not applicable)

**Object Contacted** 

(not applicable)

Reconstruction

## Heading Angle at Impact

Impact Category Unknown

Angle -- This Vehicle (degrees) (not applicable)

Angle -- Other Vehicle (degrees) (not applicable)

## SCI-CDS General Vehicle Report: Case # 2003-079-057/Vehicle # 2

#### Reconstruction Data

Towed Trailing Unit No Towed Unit

Documentation of Trajectory Data No

Post Collision Condition

of Tree or Pole

Not Collision (for Highest Delta V) with tree or pole

Delta V

## Highest Computer Generated Delta V

**Event Number** 

Basis for Delta V

Total

Longitudinal Component

Energy Absorption

Lateral Component

Impact Speed

## Barrier Equivalent Speed

Confidence Level No reconstruction

Estimated Delta V

Researcher Determined (not available)

Vehicle

Vehicle Identification

Number 3 Model Year 2003 Make Volvo Model XC90

VIN YV1CM59H53 In Transport Special Use No Special Use

Body Type Compact utility Body Category Utility Vehicles (<= 4,536 kgs GVWR)

Class Compact utility vehicle

Weight

Curb Weight 2083 kg Source Branham Automobile Reference Book

Cargo Weight 0 kg Source Vehicle inspection

Inspection

Type Complete Inspection

Official Records

Police Reported

Vehicle Disposition Towed due to vehicle damage

Travel Speed Unknown Posted Speed Limit 105 kmph

Driver

Driver Present Yes Occupant Number 1

Race Unknown Alcohol Test Unknown

Zip Code 91354 Result (not applicable)
PAR Alcohol Present No alcohol present Source (not applicable)

PAR Other Drug Present Not reported Other Drug Test Result Unknown if specimen test given

Pre-Crash Environment

General

Interchange

Non-interchange area and non-junction

Trafficway Flow Divided trafficway-median strip with positive Atmosphe

barrier

Travel Lanes Six

Conditions

Light Daylight

Atmospheric No adverse atmospheric-related driving conditions

Roadway

Traffic Control

Alignment Straight

Profile Level
Surface Type Concrete

Surface Condition Dry

Device No traffic control(s)

Functioning No traffic control device

Driver

General

Pre-event Movement Going Straight

(Prior to Recognition of Critical Event)

Critical PreCrash Category From adjacent lane (same direction -over right lane line

Critical PreCrash Event From adjacent lane (same direction -over right lane line

Attempted Avoidance Maneuver Unknown

Pre-Impact Stability Tracking

Pre-Impact Location Stayed in original travel lane

Crash Type 25 - Slower, Going Straight

**Distractions** 

Driver's Distraction/Inattention To Driving Unknown

**AOPS** 

Air Bag Related

Is This an AOPS Vehicle? Yes - researcher determined

Air Bag(s) Deployment:

First Seat Frontal No air bags deployed

Other than First Seat Frontal Deployed During Accident (as a result of impact)

Type of "other" airbag present Side curtain airbags, and side seatback bags

Rollover

Rollover Data

Type Longitudinal axis

Quarter Turns 6

Location on Vehicle where Initial End plane

Principal Tripping Force is Applied

Direction of Initial Roll Roll Roll left - primarily about the longitudinal axis

Rollover Initiation

Type Collision with another vehicle

Location On roadway
Object Contacted Class Vehicle
Object Contacted Vehicle#1

Reconstruction

## Heading Angle at Impact

Impact Category Non Collision

Angle -- This Vehicle (degrees) (not applicable)

Angle -- Other Vehicle (degrees) (not applicable)

#### Reconstruction Data

Towed Trailing Unit No Towed Unit

Documentation of Trajectory Data No

Post Collision Condition

of Tree or Pole

Not Collision (for Highest Delta V) with tree or pole

Delta V

## Highest Computer Generated Delta V

Event Number 2

Basis for Delta V Rollover
Total Unknown

Longitudinal Component Unknown Lateral Component Unknown
Energy Absorption Unknown Impact Speed Unknown

### Barrier Equivalent Speed Unknown

Confidence Level No reconstruction

#### Estimated Delta V

Researcher Determined Damage severity - Moderate

Vehicle

#### Vehicle Identification

Number 3 Model Year 2003 Make Volvo Model xc90

VIN YV1CM59H53 In Transport 🔀 Special Use No Special Use

Body Category Utility Vehicles (<= 4,536 kgs GVWR)

Body Type Compact utility

Class Compact utility vehicle

Weight

Curb Weight (kg) 2083 Source Branham Automobile Reference Book

Cargo Weight (kg) 0 Source Vehicle inspection

Inspection

Type Complete Inspection

General

Type of Transmission Manual Drive Wheels All Wheel Drive (AWD)

Damage

**Tires** 

RF (Right Front)

<u>Location</u> <u>Restricted</u> <u>Deflated</u>

LF (Left Front) No
RR (Right Rear) No

LR (Left Rear) No

**Specifications** 

**Original Specifications** 

Wheelbase (cm) 286 Front Overhang (cm) 91

Overall Length (cm) 480 Rear Overhang (cm) 104

Maximum Width (cm) 190 Undeformed End Width (cm) 164

Curb Weight (kg) 2083 Engine Cylinders 5

Average Track (cm) 161 Engine Displacement (L) 2.50

Researcher's Assessment of Vehicle Disposition Towed due to vehicle damage

Justification Rollover Damage

Is This a Multi-Stage Manufactured Vehicle

No post-manufacturer modifications

and/or a Certified Altered Vehicle

#### **Crush Profile**

#### Impact No. 1 Event No. 1

#### Location

Direct Damage BGN 68CM FROM LF BC EXTNDS 12CM

Field L BC TO BC

Max. Crush 72CM FRM LFT BC

Category End Field L 146 cm SMASH L 146 cm

Field L +/- D 0 cm Direct +/- D 1 cm

Width (CDC) 12 cm

#### **Profile**

#### **MEASUREMENTS ARE IN CENTIMETERS**

<u>Oper</u>	Plane of Impact	C Max.	<u>C 1</u>	C 2	<u>C 3</u>	<u>C 4</u>	<u>C 5</u>	<u>C 6</u>
+	Bumper	21	32	23	22	21	22	31
-	Free Space	0	13	2	0	0	2	13
-	- Stand Adjustment	20	20	20	20	20	20	20
=	Result	1	0	1	2	1	0	0
	Average:	1	0	1	2	1	0	0

#### Impact No. 2 Event No. 2

#### Location

Direct Damage ROOF Field L ROOF

Max. Crush ROOF

Category Top (specify) Field L Unknown SMASH L Unknown

Field L +/- D Unknown Direct +/- D Unknown

Width (CDC) Unknown

#### **Profile**

#### **MEASUREMENTS ARE IN CENTIMETERS**

<u>Oper</u>	Plane of Impact	C Max.	<u>C 1</u>	<u>C 2</u>	<u>C 3</u>	<u>C 4</u>	<u>C 5</u>	<u>C 6</u>
+	Тор	15						
	Average:	-99	-99	Unk	Unk	Unk	Unk	Unk

CDC

1

Event No. 1

Object contacted Deformation location Back (Rear)

Category Vehicle Long/Lateral Center - front or rear

Object Vehicle# 1 Vertical/Lateral Middle -- top of frame to belt line or hood

PDOF 160 degrees Distribution Narrow Impact Area

Clock Force 5 o'clock Extent One

Increment 00 No Shift Summary 05BCMN1

Override/Underride Unknown

Delta V Basis Insufficient data (specify)

Delta V

<u>Total Longtdl Lateral Energy Impact Barrier Rank</u>

Unknown Unknown Unknown Unknown Unknown 2

kmph kmph joules kmph kmph

Estimated Delta V Damage severity - Minor

Event No. 2

Object contacted Deformation location Top

Category Noncollision Long/Lateral Distributed - (F+P+B)

Object Overturn->rollover(excludes end-over-end) Vertical/Lateral Distributed

PDOF Indeterminate Distribution Rollover (include side)

Clock Force 00 o'clock Extent Three

Increment 00 No Shift Summary 00TDD03

Override/Underride None

Delta V Basis Rollover

Delta V

<u>Total</u> <u>Longtdl</u> <u>Lateral</u> <u>Energy</u> <u>Impact</u> <u>Barrier</u> <u>Rank</u>

Unknown Unknown Unknown Unknown Unknown kmph kmph joules kmph kmph

Estimated Delta V Damage severity - Moderate

**Fuel** 

Fuel System Number 1

Fuel Type Gasoline

Location of Fuel Tank Forward of center of the rear wheels (rear axle) right side

Type of Fuel Tank Non-metallic

Location of Filler Cap Aft of rear axle on right side plane

Precrash Condition No damage

Damage to Fuel Tank No damage to cell

Leakage Location No fuel leakage

(No Fire) Fire

Vehicle

Vehicle Identification

Number 3 Make Volvo Model xc90

Model Year 2003 VIN YV1CM59H53

Integrity

#### Passenger Compartment Integrity

**Integrity Losses** 

Windshield

Roof glass

Side window

#### **Opening Integrity**

Location Opening Damage/Failure

Left Front Door/gate/hatch remained closed and Door Not Opened

operational

Right Front Door/gate/hatch remained closed and Door Not Opened

operational

Left Rear Door/gate/hatch remained closed and Door Not Opened

operational

Right Rear Door/gate/hatch remained closed and Door Not Opened

operational

Tail Gate/Hatch Door/gate/hatch remained closed and Door Not Opened

operational

					Glazing
Location	Туре	Pre Crash Status	Impact Damage	Occupant Damage	
Windshield	AS-1 - Laminated	Fixed	Glazing in place and holed from impact forces	No occupant contact	
Left Front	Unknown	Closed	Glazing disintegrated from impact forces	No occupant contact	
Right Front	Unknown	Closed	Glazing disintegrated from impact forces	No occupant contact	
Left Rear	AS-3 - Tempered-tinted (original)	Closed	No glazing damage from impact forces	No occupant contact	

## SCI-CDS Vehicle Interior Report: Case # 2003-079-057/Vehicle # 3

			•	
Second window Left Rear	AS-3 - Tempered-tinted (original)	Fixed	No glazing damage from impact forces	No occupant contact
Right Rear	AS-3 - Tempered-tinted (original)	Closed	No glazing damage from impact forces	No occupant contact
Second window Right Rear	AS-3 - Tempered-tinted (original)	Fixed	No glazing damage from impact forces	No occupant contact
Back Light	AS-3 - Tempered-tinted (original)	Fixed	No glazing damage from impact forces	No occupant contact
Left back light	No glazing	No glazing	No glazing	No glazing
Right back light	No glazing	No glazing	No glazing	No glazing
Roof	Unknown	Closed	Glazing disintegrated from impact forces	No occupant contact
Other	AS-3 - Tempered-tinted (original)	Fixed	No glazing damage from impact forces	No occupant contact

## Intrusion

Row	Position	Area	Intruded Component	Comparison	<u>Intruded</u>	Intrusion	<u>Magnitude</u>	Crush Direction
Front Seat	Left	Interior	Door panel (side)	71	67	4	>= 3 to < 8 cms	Lateral
Front Seat	Left	Interior	Windshield	-9999	9 -99999	-9999	Unknown	Longitudinal
Front Seat	Middle	Interior	Windshield	-9999	9 -99999	-9999	Unknown	Longitudinal
Front Seat	Right	Interior	Windshield	-9999	9 -99999	-9999	Unknown	Longitudinal
Unknown	Unknown	Other	Unknown				Unknown	Unknown

## Instrument Panel

Odometer Reading (km) -9999 Damage from Occupant Contact No

Source Vehicle Inspection Knee Bolster Covering Rigid Plastic

Glove Compartment Door No - door did not open Knee Bolsters Deformed from No Deformation

Occupant Contact

Adaptive Driving Equipment No adaptive driving equipment

Steering

## Steering Column

Column Type Tilt Column

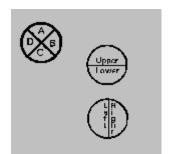
## SCI-CDS Vehicle Interior Report: Case # 2003-079-057/Vehicle # 3

Tilt Adjustment Center

Telescoping Adjustment No telescoping steering column

Location of Rim/Spoke Deformation Half Sections - Upper half of rim/spoke

Rim/Spoke Deformation 3



#### Steering Worksheet

Comparison value
Damage value
3
Deformation
-3

						Contact
Contact	<u>Area</u>	Component	Occ. No.	Body Region	Evidence	Confidence
Α	Front	Knee bolster	1	Knee - Left	Scuffed	Certain
В	Front	Knee bolster	1	Knee - Right	Scuffed	Certain
С	Front	Knee bolster	1	Knee - Left	Other (Specify)	Certain
D	Left Side	Left side interior surface, excl. hardware or armrests	1	Upper Arm - Left	Scuffed	Certain
E	Front	Steering wheel rim	1	Hand - Unknown	Bent	Certain
F	Front	Sunvisor reinforced by front header	1	Hand - Unknown	Transfer (Specify)	Possible
G	Front	Glove compartment door	2	Knee - Left	Scuffed	Certain
н	Front	Glove compartment door	2	Knee - Right	Scuffed	Certain
I	Left Side	Left side interior surface, excl. hardware or armrests	1	Shoulder - Left	Deformed	Probable
J	Interior	Belt restraint webbing/buckle	1	Chest	Stretched	Probable
K	Interior	Belt restraint webbing/buckle	2	Chest	Stretched	Probable
L	Air Bag	Air bag-driver side	1	Chest	Transfer (Specify)	Certain

Ejection Ejection/Entrapment

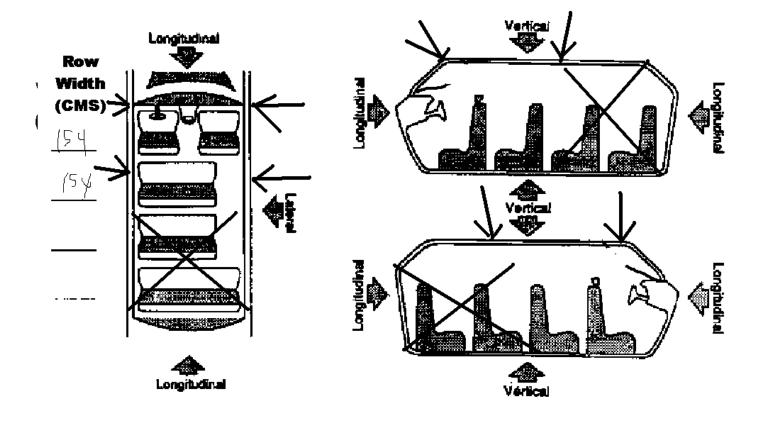
Ejection No. 1 Medium

Type No Ejection Medium Status

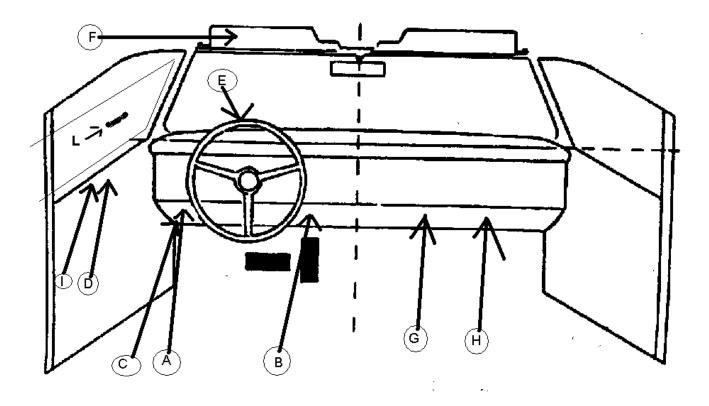
Area

#### Entrapment

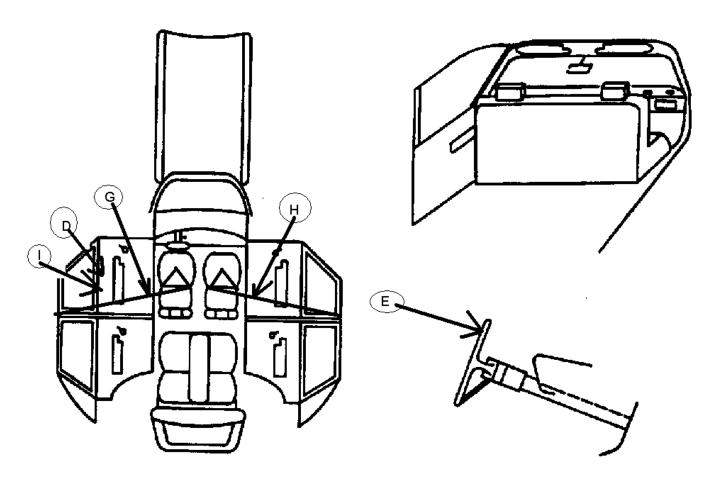
## Vehicle 3 - Intrusion(s)



Vehicle 3 - Contact(s) Sketch 1



Vehicle 3 - Contact(s) Sketch 2



#### SCI-CDS Safety Report: Case # 2003-079-057/Vehicle # 3

Vehicle

Seats

Vehicle Identification

Number 3 Make volvo

Model Year 2003 VIN YV1CM59H53

Model xc90

Row and Location First Row, Left-Hand Seat (Row 1, Seat 1)

Seat

Type Bucket Head Restraint

Type Integral

Seat Back

Seat Back

Orientation Forward facing seat Damage No damage

Track Seat between forward most and middle

track positions

Seat assembly intact Prior

Integrated Restraints No Post Retained pre-impact position

Air Bag Ever Available Yes

Row and Location First Row, Right-Hand Seat (Row 1, Seat 3)

Seat

Performance

Type Bucket Head Restraint

Type Integral

Orientation Forward facing seat Damage No damage

Track Seat at middle track position

Performance Seat assembly intact

eat assembly intact Prior Upright

Integrated Restraints No

Post Retained pre-impact position

Upright

Air Bag Ever Available Yes

Row and Location Second Row, Left-Hand Seat (Row 2, Seat 1)

Seat

Type Split bench with folding back(s) Head Restraint

Type Adjustable

Orientation Forward facing seat Damage No damage

Track Non-adjustable seat track Seat Back

Performance Seat assembly intact Prior Not Adjustable

Integrated Restraints No Post Not Adjustable

Air Bag Ever Available Yes

Not Adjustable

Second Row, Center Seat (Row 2, Seat 2) Row and Location

Seat

Head Restraint Type Split bench with folding back(s)

> Adjustable Type

Orientation Forward facing seat

Damage No damage

Track Non-adjustable seat track

Performance Seat assembly intact Prior Not Adjustable Integrated Restraints

Unknown No

Post

Seat Back

Air Bag Ever Available

Second Row, Right-Hand Seat (Row 2, Seat 3) Row and Location

Seat

Head Restraint Split bench with folding back(s) Type

> Adjustable Type

Orientation Forward facing seat

Cargo Area

Damage No damage

Track Non-adjustable seat track

Performance Seat assembly intact Prior Not Adjustable **Integrated Restraints** Not Adjustable **Post** 

Air Bag Ever Available

(Row O, Seat O)

Seat Back

Seat

Head Restraint Type

Type

Post

Orientation

Row and Location

Damage

Seat Back Track

Performance Prior Integrated Restraints

Air Bag Ever Available

Restraints -- Automatic

Row and Location First Row, Left-Hand Seat (Row 1, Seat 1)

Availability/Function Not Equipped/Not Available Usage Not Equipped/Not Available/Not Used

Use Not Equipped/Not Available/destroyed or

Motorized Not Equipped/Not Available

Failure Modes Not Equipped/Not Available/Not In Use rendered inoperative

Row and Location First Row, Right-Hand Seat (Row 1, Seat 3)

Availability/Function Not Equipped/Not Available Usage Not Equipped/Not Available/Not Used

Use Not Equipped/Not Available/destroyed or Failure Modes

rendered inoperative

Motorized Not Equipped/Not Available

Failure Modes Not Equipped/Not Available/Not In Use

Restraints -- Manual

Row and Location First Row, Left-Hand Seat (Row 1, Seat 1)

Availability

Evidence of Usage

Lap and shoulder belt

Used in this crash?

Lap and shoulder belt

Proper Use

Failure No manual belt malfunction(s)
Anchorage Adjustment None for manual shoulder belt

Row and Location First Row, Right-Hand Seat (Row 1, Seat 3)

Availability

Evidence of Usage

Used in this crash?

Lap and shoulder belt

Lap and shoulder belt

Proper Use

Failure No manual belt malfunction(s)
Anchorage Adjustment None for manual shoulder belt

Row and Location Second Row, Left-Hand Seat (Row 2, Seat 1)

Availability Lap and shoulder belt

Evidence of Usage Not Used/ not available/ removed or destroyed

Used in this crash? Not Used/ not available/ removed or destroyed

Proper Use Not equipped/not available/not used

Failure None used / Not available

Anchorage Adjustment None for manual shoulder belt

Row and Location Second Row, Center Seat (Row 2, Seat 2)

Availability Lap and shoulder belt

Evidence of Usage Not Used/ not available/ removed or destroyed

Used in this crash? Not Used/ not available/ removed or destroyed

Proper Use Not equipped/not available/not used

Failure None used / Not available
Anchorage Adjustment None for manual shoulder belt

Row and Location Second Row, Right-Hand Seat (Row 2, Seat 3)

Availability Lap and shoulder belt

Evidence of Usage Not Used/ not available/ removed or destroyed Used in this crash? Not Used/ not available/ removed or destroyed

Proper Use Not equipped/not available/not used

Failure None used / Not available Anchorage Adjustment None for manual shoulder belt

Airbag

(Row 1, Seat 1) **Seat Location** Air Bag

**Function** Damage

Location Flap open at tear points? Air bag did not deploy Steering Wheel Hub

Air bag available Status Not deployed Flap damaged?

**Unknown Type** Damage to the air bag? Not deployed Type Redesigned Class Source of Damage Not deployed Advanced (specify)

**Tethers** -8885 Not deployed Deployment Indications of Failure No. Vent ports -8885

None present Switch Type

None present Switch Status

Occupant

Status

Other Contact Not deployed

(Row 1, Seat 3) 1 Seat Location Air Bag

Air bag available

**Function** Damage

Flap open at tear points? Air bag did not deploy Location **Top Instrument Panel** 

Flap damaged?

Flap damaged?

Not deployed

No

Page 4

Damage to the air bag? **Unknown Type** Not deployed Type

Redesigned Class Advanced (specify) Source of Damage Not deployed

**Tethers** -8885 Deployment Not deployed -8885

Indications of Failure No. Vent ports None present Switch Type

None present Switch Status

Occupant Other Contact

Not deployed

2 **Seat Location** (Row 1, Seat 1) Air Bag

**Function** Damage

Flap open at tear points? Yes Location Roof Side Rail Air bag available Status

Damage to the air bag? **Not Damaged** 

10/6/2010

SCI-CDS Safety Report: Case # 2003-079-057/Vehicle # 3 **Unknown Type** Source of Damage **Not Damaged** Type **Tethers** 0 Redesigned Class Not Redesigned Deployment Deployed during crash (as a result of Vent ports 0 impact) Indications of Failure No None present Switch Type None present Switch Status Occupant Other Contact No (Row 1, Seat 3) **Seat Location** Air Bag 2 **Function** Damage Flap open at tear points? Yes Location **Roof Side Rail** Air bag available Status Flap damaged? No Damage to the air bag? Type **Unknown Type Not Damaged** Source of Damage **Not Damaged** Redesigned Class Not Redesigned **Tethers** 2 Deployed during crash (as a result of Deployment impact) Vent ports 0 Indications of Failure No None present Switch Type Switch Status None present Occupant Other Contact No (Row 1, Seat 1) Air Rag Seat Location

Air Bag	3	Seat Location	(ROW 1, 5e	at i)	
Function			1	Damage	
Location		Seat Back		Flap open at tear points?	Air bag did not deploy
Status		Air bag available		Flap damaged?	Not deployed
Type Redesigned Cla Deployment	ass	Unknown Type  Not Redesigned  Not deployed		Damage to the air bag? Source of Damage Tethers	Not deployed Not deployed -8885
Indications of F	ailure	• •		Vent ports	-8885
Switch Type		None present			
Switch Status		None present			
Occupant					
Other Contact		Not deployed			
Air Bag	3	Seat Location	(Row 1, Se	at 3)	
Function			1	Damage	
Location		Seat Back		Flap open at tear points?	Air bag did not deploy
Status		Air bag available			

#### SCI-CDS Safety Report: Case # 2003-079-057/Vehicle # 3

Flap damaged? Not deployed Damage to the air bag? Not deployed Source of Damage Not deployed -8885 **Tethers** -8885 Vent ports Type **Unknown Type** Redesigned Class Not Redesigned Deployment

None present Switch Type None present Switch Status

Indications of Failure No

Occupant

Other Contact Not deployed

Air Bag 5 **Seat Location** (Row 2, Seat 1)

Not deployed

Damage **Function** 

Flap open at tear points? Yes Location Roof Side Rail Air bag available Status Flap damaged? No

Damage to the air bag? **Unknown Type** Type **Not Damaged** Source of Damage **Not Damaged** Redesigned Class Not Redesigned

**Tethers** 2 Deployment Deployed during crash (as a result of

impact)

Vent ports 0 Indications of Failure No

None present Switch Type Switch Status None present

6

No

Occupant

Air Bag

Other Contact

Damage **Function** 

**Seat Location** 

Flap open at tear points? Location Yes **Roof Side Rail** 

Status Air bag available Flap damaged? No

Damage to the air bag? Type **Unknown Type Not Damaged** Source of Damage Redesigned Class Not Redesigned **Not Damaged** 

(Row 2, Seat 3)

**Tethers** 2 Deployment Deployed during crash (as a result of

impact) Vent ports 0

Indications of Failure No. None present Switch Type

None present Switch Status

Occupant

Other Contact No

(No Child Seat data found)

**Child Seat** 

**Ejection** 

Occupant

**Occupant Information** 

Number 1 183 cm Height Age 56 yrs Weight 82 kg

Sex Race/Ethnic Origin Unknown Male Role Driver Eye Wear Unknown

Police Report on:

Air Bag Deployment Police did not indicate air bag availability/function

Lap and shoulder belt Seat Belt Usage

1

No Ejection Type Area No Ejection Medium No Ejection Medium Status No Ejection

**Eject Comments** 

Occupant

Entrapment

Entrapment Unknown

Occupant Mobility Unknown

**Entrap Comments** 

Seat

**Definition** Row 1 Seat 1 Posture Unknown

Head Restraint

Type Unknown Damage Unknown

Seat Seat Back

Type Unknown Unknown Prior Orientation Unknown Post Unknown

Track Unknown Performance Unknown Integrated Restraints Unknown

**Child Seat Used** No Air Bag Ever Available No

(No Air Bag data found) Air Bag (No Child Seat data found) Child Seat

#### Seat Belt

#### Manual

Availability/Function Unknown

Used in this Crash Unknown if belt used

Proper Usage

Failure Unknown

Anchorage Adjustment Unknown if adjuster present Source of Belt Use Unknown if belt used

**Automatic** 

Availability/Function Unknown
Used in this crash Unknown
Motorized Unknown
Proper Usage Unknown
Failure Unknown

Source of Belt Use Unknown if belt used

Injury

#### Injury/ Treatment

Police Reported

Severity

O - No injury

Initial Facility

Not treated at a medical facility

Mortality Not Fatal Hospital Stay 0

Treatment Work Days Lost Unknown

Injury/ Medical

Time To Death Not Fatal Units of Blood Given to Occupant No Blood Given

Number Of Injuries o ABG Not Injured

GCS Not Injured

Injury Codes	(No Injury Code data found)
Vital Signs	(No Vital Signs data found)

Occupant

**Occupant Information** 

Number 1 Height N/A
Age 45 yrs Weight N/A

Sex Race/Ethnic Origin Unknown

Role Driver Eye Wear

### Police Report on:

Air Bag Deployment

Seat Belt Usage

Coat Boil Coago	
(No Ejection)	Ejection
(No Entrapment data found)	Entrapment
(No Seat data found)	Seat
(No Air Bag data found)	Air Bag
(No Child Seat data found)	Child Seat
(No Seat Belt data found)	Seat Belt
(No Injury data found)	Injury
(No Injury Code data found)	Injury Codes
(No Vital Signs data found)	Vital Signs

Occupant

**Ejection** 

**Occupant Information** 

Number 1 157 cm Height Age 45 yrs Weight 54 kg

Sex **Female** Race/Ethnic Origin Unknown Driver Unknown Role Eye Wear

Police Report on:

Air Bag Deployment Deployed

Seat Belt Usage Police did not indicate belt use

1 Occupant

No Ejection Type

Area Medium

Medium Status **Eject Comments** 

Entrapment

Entrapment Not trapped/exit not inhibited

Occupant Mobility Unknown **Entrap Comments** UNKNOWN

Seat

Upright

Prior

**Definition** Row 1 Seat 1 Posture Unknown

Head Restraint

Type Integral Damage No damage

Seat Seat Back Type **Bucket** 

Orientation Forward facing seat Post Retained pre-impact position

Track Seat between forward most and middle track

positions

Performance Seat assembly intact

Integrated Restraints No

**Child Seat Used** No Air Bag Ever Available Yes

Air Bag

Air Bag Function Air Bag Number 1

Location Steering Wheel Hub Deployment Not deployed

Status Air bag available

Type Of Air Bag Unknown Type Indication of Failure No

Redesigned Class Advanced (specify)

Air Bag Switch

Switch Type None present Switch Status None present

Damage

Module Cover Flap

Open at Tear Points? Air bag did not deploy

Vent ports

-8885

Damaged? Not deployed Vehicle Previous Accidents

Damage to Air Bag Not deployed Prior Maintenance/Service

Source of Damage Not deployed

Air Bag Evaluation

Event No. Deployed, Unknown event

**DeltaV** 

Unknown Unknown Unknown Unknown Unknown Unknown kmph kmph kmph joules kmph kmph

Unknown

CDC For Deployment Impact Not deployed
Contacted Other Occupant Not deployed

(No Child Seat data found)

**Child Seat** 

Seat Belt

Manual

Availability/Function Lap and shoulder belt Used in this Crash Lap and shoulder belt

Proper Usage

Failure No manual belt malfunction(s) Anchorage Adjustment None for manual shoulder belt

Source of Belt Use **Vehicle Inspection** 

Automatic

Availability/Function Not Equipped/Not Available

Used in this crash Not Equipped/Not Available/destroyed or rendered inoperative

Motorized Not Equipped/Not Available

**Proper Usage** Not Equipped/Not Available/Not Used Failure Not Equipped/Not Available/Not In Use

Source of Belt Use Not Equipped/Not Available/Destroyed or Rendered Inoperative

Injury

Injury/ Treatment

Police Reported Severity

**B** - Non-incapacitating injury

**Initial Facility Trauma Center** 

Mortality Hospital Stay Not Fatal

Treatment Work Days Lost Unknown Transported and released

Injury/ Medical

Time To Death Not Fatal Units of Blood Given to Occupant No Blood Given Number Of Injuries 1 **ABG** Injured, ABG not measured or reported

**GCS** No GCS Score at medical facility

**Injury Codes** 

Number 1 Direct/Indirect Injury Noncontact Injury Not related to intrusion

AIS Code 7902021 Intrusion

Injury Description **Upper Extremity Skin abrasion** 

Source Police Report Aspect Bilateral Rank

Inj Source Flying glass

Confidence Certain

(No Vital Signs data found)

Vital Signs

Occupant

Unknown

**Ejection** 

**Occupant Information** 

Number2HeightUnknownAge9 yrsWeightUnknownSexMaleRace/Ethnic OriginUnknown

Police Report on:

Air Bag Deployment Deployed

Passenger

Seat Belt Usage Police did not indicate belt use

Occupant 2

Type No Ejection

Area Medium

Role

Medium Status
Eject Comments

Entrapment Contract C

Eye Wear

Entrapment Not trapped/exit not inhibited

Occupant Mobility Unknown

Entrap Comments UNKNOWN

Seat Seat

**Definition** Row 1 Seat 3 Posture Unknown

Head Restraint

Type Integral Damage No damage

Seat Seat Back

Type Bucket Prior Upright

Orientation Forward facing seat Post Retained pre-impact position

Track Seat at middle track position

Performance Seat assembly intact

Integrated Restraints No

Child Seat Used No Air Bag Ever Available Yes

Air Bag

Air Bag Function Air Bag Number 1

Location Top Instrument Panel Deployment Not deployed

Status Air bag available

Type Of Air Bag Unknown Type Indication of Failure No

Redesigned Class Advanced (specify)

Air Bag Switch

Switch Type None present Switch Status None present

Damage

Module Cover Flap

Open at Tear Points? Air bag did not deploy

Vent ports

-8885

Damaged? Not deployed Vehicle Previous Accidents

Damage to Air Bag Not deployed Prior Maintenance/Service

Source of Damage Not deployed

Air Bag Evaluation

Event No. Deployed, Unknown event

**DeltaV** 

Unknown Unknown Unknown Unknown Unknown Unknown kmph kmph kmph joules kmph kmph

Unknown

CDC For Deployment Impact Not deployed
Contacted Other Occupant Not deployed

(No Child Seat data found)

**Child Seat** 

Seat Belt

Manual

Availability/Function Lap and shoulder belt
Used in this Crash Lap and shoulder belt

Proper Usage

Failure No manual belt malfunction(s)
Anchorage Adjustment None for manual shoulder belt

Source of Belt Use Vehicle Inspection

Automatic

Availability/Function Not Equipped/Not Available

Used in this crash Not Equipped/Not Available/destroyed or rendered inoperative

Motorized Not Equipped/Not Available

Proper Usage Not Equipped/Not Available/Not Used
Failure Not Equipped/Not Available/Not In Use

Source of Belt Use Not Equipped/Not Available/Destroyed or Rendered Inoperative

Injury

Injury/ Treatment

Police Reported Severity

B - Non-incapacitating injury

Initial Facility Trauma Center

Mortality Not Fatal Hospital Stay 0

Treatment Transported and released Work Days Lost Not Working Prior

Injury/ Medical

Time To Death Not Fatal Units of Blood Given to Occupant No Blood Given

Number Of Injuries 1 ABG Injured, ABG not measured or reported

GCS No GCS Score at medical facility

Injury Codes

 Number
 1
 Direct/Indirect Injury
 Noncontact Injury

 AIS Code
 7902021
 Intrusion
 Not related to intrusion

Injury Description Upper Extremity Skin abrasion

Source

Aspect Bilateral

Source

Police Report

1

Inj Source Flying glass

Confidence Certain

(No Vital Signs data found)

Vital Signs

(No EMS data found)

CRASH SCENE Vehicle Approach - #



**DOT #10F V-1 V-2 AND V-3** 

CRASH SCENE Vehicle Approach - #



DOT #3 OF V-1 V-2 V-3

(ID=210209243)

CRASH SCENE Vehicle Approach - #



**DOT#2 OF V-1 V-2 AND V-3** 

(ID=210209242)

(ID=210209241)

CRASH SCENE Vehicle Approach - #



DOT #4 OF V-1 V-2 V-3

(ID=210209244)

## CRASH SCENE Vehicle Point of Impact - #



SKIDS OF V-2 TO THE LEFT / SKIDS (ID=210209246) FROM V-1 ON RIGHT SIDE OF L

#### CRASH SCENE LOOK BACK



**LOOK BACK** 

(ID=210209248)

## CRASH SCENE Vehicle Point of Impact - #



ROLL OVER AREA OF V-3 AND FINAL (ID=210209247) REST

# CRASH SCENE MISCELLANEOUS VIEWS



SKIDS FROM OTHER VEHICLE'S AT (ID=210209245)
TIME OF CRASH

# VEHICLE 3 FRONT



VEHICLE 3 Front/Left Oblique



FRONT (ID=210206452) FRONT HALF (ID=210206455)

VEHICLE 3 Front/Left Oblique



VEHICLE 3 LEFT



45 (ID=210206454) BACK TO FRONT WITH FIELD L (ID=210206421)



**LEFT VIEW WITH FIELD L** 

**VEHICLE 3 LEFT** 



FRONT TO BACK

(ID=210206453)

#### **VEHICLE 3 LEFT**



**BACK TO FRONT** 

(ID=210206439)

**VEHICLE 3 LEFT** 



**LEFT FRONT DOOR AREA** 

(ID=210206456)



**LEFT REAR DOOR AREA** 

**VEHICLE 3 LEFT** 



**LEFT FRONT TIRE AND WHEEL** 

(ID=210206459)

#### **VEHICLE 3 LEFT**



**LEFT REAR AREA** 

**VEHICLE 3 LEFT** 



**LEFT REAR TIRE AND WHEEL** 

(ID=210206460)



**LEFT FRONT WITH C RODS** 

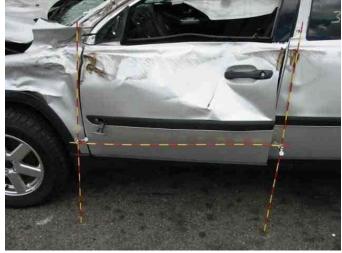
**VEHICLE 3 LEFT** 



LEFT REAR DOORS WITH C RODS

(ID=210206469)

#### **VEHICLE 3 LEFT**



**LEFT FRONT DOOR WITH C RODS** 

(ID=210206468)

**VEHICLE 3 LEFT** 



**LEFT REAR WITH C RODS** 

(ID=210206470)



**UPPER DAMAGE B PILLER AREA** 

**VEHICLE 3** LEFT



**UPPER DAMAGE A TO B PILLER** 

(ID=210206482)

#### **VEHICLE 3 LEFT**



**UPPER DAMAGE B TO C PILLER** 

(ID=210206481)

**VEHICLE 3 LEFT** 



A PILLER DAMAGE

(ID=210206483)



LEFT FRONT DOOR AREA DAMAGE (ID=210206492)

#### VEHICLE 3 LEFT



LEFT FRONT DOOR DAMAGE AREA (ID=210206494) MID

#### VEHICLE 3 LEFT



LEFT FRONT DOOR AREA DAMAGE (ID=210206493) REAR

#### VEHICLE 3 LEFT



LET FRONT DOOR AREA DAMAGE (ID=210206495) FRONT



VEHICLE 3 LEFT



C PILLER DAMAGE

(ID=210206503)

**B PILLER DAMAGE** 

(ID=210206505)

#### VEHICLE 3 LEFT



VEHICLE 3 LEFT



**D PILLER DAMAGE** 

(ID=210206506)



**DAMAGE TO LEFT REAR WHEEL** 

**VEHICLE 3 BACK** 



RIGHT TO LEFT OF FIELD L

(ID=210206424)

#### **VEHICLE 3 BACK**



**BACK FIELD L** 

VEHICLE 3 BACK



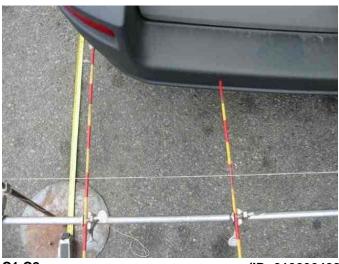
RIGHT TO LEFT OF FIELD L

(ID=210206425)





VEHICLE 3 BACK



C1 C2 (ID=210206428)

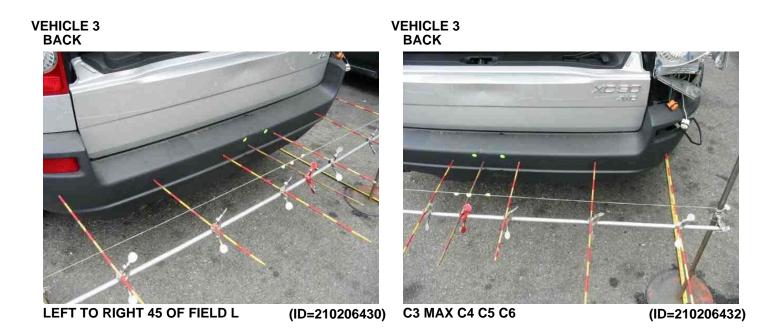
VEHICLE 3 BACK

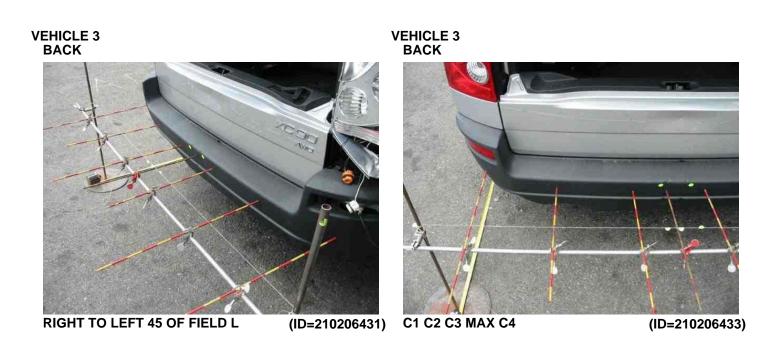


VEHICLE 3 BACK



7) LEFT TO RIGHT OF FIELD L (ID=210206429)





**VEHICLE 3 BACK** 



**CLOSE UP OF DIRECT DAMAGE** 

**VEHICLE 3** Back/Right Oblique



45 WITH FIELD L

(ID=210206423)

**VEHICLE 3 BACK** 



**BACK** (ID=210206438)

**VEHICLE 3** Back/Right Oblique



(ID=210206441) 45



BACK TO FRONT WITH FIELD L

**VEHICLE 3 RIGHT** 



**BACK TO FRONT** 

(ID=210206440)

**VEHICLE 3 RIGHT** 



**BACK THIRD WITH FIELD L** 

(ID=210206436)

VEHICLE 3 RIGHT



**BACK THIRD** 

(ID=210206443)



**RIGHT REAR DOOR AREA** 

**VEHICLE 3 RIGHT** 



**RIGHT FRONT AREA** 

(ID=210206446)

#### **VEHICLE 3 RIGHT**



**RIGHT FRONT DOOR AREA** 

(ID=210206445)

VEHICLE 3 RIGHT



**FRONT HALF** 

(ID=210206447)



BACK HALF (ID=210206448)

### VEHICLE 3 RIGHT



RIGHT REAR TIRE AND WHEEL (ID=210206461)

#### VEHICLE 3 RIGHT



**FRONT TO BACK** 

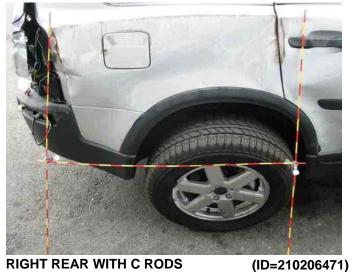
(ID=210206450)

VEHICLE 3 RIGHT



**RIGHT FRONT TIRE AND WHEEL** 

(ID=210206462)



**RIGHT REAR WITH C RODS** 

**VEHICLE 3 RIGHT** 



RIGHT FRONT DOOR WITH C RODS (ID=210206473)

**VEHICLE 3 RIGHT** 



**RIGHT REAR DOOR WITH C RODS** 

(ID=210206472)

VEHICLE 3 RIGHT



**RIGHT FRONT WITH C RODS** 

(ID=210206474)



**VEHICLE 3** RIGHT



A PILLER DAMAGE

(ID=210206484)

**UPPER DAMAGE C TO B PILLER** 

(ID=210206486)

#### **VEHICLE 3 RIGHT**



VEHICLE 3 RIGHT



RIGHT FRONT DOOR AREA REAR

(ID=210206487)



**RIGHT FRONT DOOR AREA MID** 

**VEHICLE 3 RIGHT** 



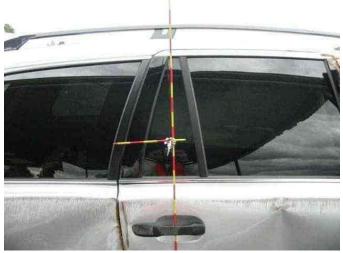
RIGHT FRONT DOOR AREA DAMAGE (ID=210206490)

**VEHICLE 3 RIGHT** 



RIGHT FRONT DOOR AREA DAMAGE (ID=210206489) **FRONT** 

VEHICLE 3 RIGHT



C PILLER DAMAGE

(ID=210206507)



**B PILLER DAMAGE** 

**VEHICLE 3 RIGHT** 



**RIGHT REAR DOOR** 

(ID=210206510)

**VEHICLE 3 RIGHT** 



**RIGHT REAR DOOR** 

VEHICLE 3 RIGHT



**RIGHT FRONT DOOR** 

(ID=210206511)



VEHICLE 3 Top



(ID=210206512) HOOD AREA (ID=210206475)

VEHICLE 3 Front/Right Oblique



VEHICLE 3 Top



45 (ID=210206451) HOOD AREA (ID=210206476)

VEHICLE 3 Top



VEHICLE 3 Top



WINDSHIELD AREA

(ID=210206477)

**SUN ROOF AREA** 

(ID=210206479)

VEHICLE 3 Top



VEHICLE 3 Top



**FRONT ROOF AREA** 

(ID=210206478)

SIDE VIEW OF SUN ROOF

(ID=210206491)

VEHICLE 3 Top



VEHICLE 3
FUEL SYSTEM



FUEL FILLER (ID=210206442)

VEHICLE 3 Top



VEHICLE 3
FUEL SYSTEM



SUN ROOF (ID=210206497) FUEL TANK (ID=210206449)

**VEHICLE 3 INTERIOR 1ST ROW** 



**VEHICLE 3 INTERIOR 1ST ROW** 



**WINDSHIELD DAMAGE** 

(ID=210206500)

**VEHICLE 3 INTERIOR 1ST ROW** 



**WINDSHIELD DAMAGE** 

**VEHICLE 3 INTERIOR 1ST ROW** 



WINDSHIELD DAMAGE

(ID=210206501)

**VEHICLE 3 INTERIOR 1ST ROW** 



**WINDSHIELD DAMAGE** 

**VEHICLE 3 INTERIOR 1ST ROW** 



LEFT TO RIGHT

(ID=210206514)

**VEHICLE 3 INTERIOR 1ST ROW** 



**LEFT TO RIGHT OF INSTRUMENT PANEL** 

**VEHICLE 3 INTERIOR 1ST ROW** 



NON DEPLOYED AIR BAG IN STEARING WHEEL

(ID=210206516)

**VEHICLE 3 INTERIOR 1ST ROW** 



**LEFT UPPER** (ID=210206518)

**VEHICLE 3 INTERIOR 1ST ROW** 



**LEFT LOWER** (ID=210206520)

**VEHICLE 3 INTERIOR 1ST ROW** 



**LEFT MID** (ID=210206519)

VEHICLE 3 INTERIOR 1ST ROW



**UPPER CENTER** (ID=210206521)

**VEHICLE 3 INTERIOR 1ST ROW** 



**LOWER CENTER** 

**VEHICLE 3** INTERIOR 1ST ROW



**MID RIGHT** 

(ID=210206524)

**VEHICLE 3 INTERIOR 1ST ROW** 



**UPPER RIGHT** 

(ID=210206523)

**VEHICLE 3 INTERIOR 1ST ROW** 



**LOWER RIGHT** 

(ID=210206525)

**VEHICLE 3 INTERIOR 1ST ROW** 



**DRIVERS HEAD RESTRAINT** 

**VEHICLE 3** INTERIOR 1ST ROW



**DRIVERS ANCHORAGE** 

(ID=210206533)

**VEHICLE 3 INTERIOR 1ST ROW** 



**DRIVERS LATCH PLATE** 

(ID=210206532)

**VEHICLE 3 INTERIOR 1ST ROW** 



**DRIVERS FASTENER** 

(ID=210206534)

**VEHICLE 3 INTERIOR 1ST ROW** 



**DRIVERS FASTENER** 

**VEHICLE 3 INTERIOR 1ST ROW** 



WARNING LABEL ON PASSENGER SIDE INSTRUMENT PANEL

(ID=210206537)

**VEHICLE 3 INTERIOR 1ST ROW** 



**DRIVERS FASTENER** 

(ID=210206536)

**VEHICLE 3 INTERIOR 1ST ROW** 



**DRIVERS SEAT BELT FASTENED** 

(ID=210206540)

VEHICLE 3 INTERIOR 1ST ROW



**DRIVERS SEAT BELT FASTENED** 

(ID=210206541)

VEHICLE 3 INTERIOR 1ST ROW



UPPER VIEW OF DRIVERS SEAT BELT

(ID=210206543)

VEHICLE 3 INTERIOR 1ST ROW



**DRIVERS SEAT BELT FASTENED** 

(ID=210206542)

VEHICLE 3 INTERIOR 1ST ROW



**DRIVERS SEAT BELT FASTENED** 

(ID=210206544)

**VEHICLE 3 INTERIOR 1ST ROW** 



**PASSENGERS HEAD RESTRAINT TYPE** 

INTERIOR 1ST ROW

**VEHICLE 3** 



**PASSENGERS ANCHORAGE** 

(ID=210206549)

**VEHICLE 3 INTERIOR 1ST ROW** 



**SLIDING LATCH PLATE** 

(ID=210206548)

**VEHICLE 3 INTERIOR 1ST ROW** 



**PASSENGER FASTENER** 

(ID=210206550)

**VEHICLE 3** INTERIOR 1ST ROW



**PASSENGER FASTENER** 

**VEHICLE 3** INTERIOR 1ST ROW



PASSENGER SEAT BELT FASTENED (ID=210206553)

**VEHICLE 3 INTERIOR 1ST ROW** 



**PASSENGER FASTENER** 

(ID=210206552)

**VEHICLE 3 INTERIOR 1ST ROW** 



PASSENGER SEAT BELT FASTENED (ID=210206554)

VEHICLE 3 INTERIOR 1ST ROW



PASSENGER SEAT BELT FASTENED (ID=210206555)

VEHICLE 3 INTERIOR 1ST ROW



UPPER SEAT BELT TO FASTENER (ID=210206557)

VEHICLE 3 INTERIOR 1ST ROW



PASSENGER SEAT BELT FASTENED (ID=210206556)

VEHICLE 3 INTERIOR 1ST ROW



RIGHT TO LEFT OF INSTRUMENT PANEL

(ID=210206618)

**VEHICLE 3 INTERIOR 1ST ROW** 



**RIGHT TO LEFT** 

**VEHICLE 3** INTERIOR 1ST ROW



**BACK TO FRONT OF ROOF** 

(ID=210206625)

**VEHICLE 3 INTERIOR 1ST ROW** 



**TETHER GOING INTO A PILLER** 

(ID=210206622)

**VEHICLE 3 INTERIOR 1ST ROW** 



LEFT ROOF RAIL / BACK TO FRONT (ID=210206634)

**VEHICLE 3 INTERIOR 1ST ROW** 



**BACK TO FRONT OF ROOF** 

**VEHICLE 3 INTERIOR 1ST ROW** 



**BROKEN FLAP ON LEFT LOWER KNEE BOLSTER** 

(ID=210206640)

**VEHICLE 3 INTERIOR 1ST ROW** 



**BACK TO FRONT OF RIGHT ROOF RAIL** 

(ID=210206636)

**VEHICLE 3 INTERIOR 1ST ROW** 



**CONTACT ON DRIVERS LEFT SIDE** 

(ID=210206641)

VEHICLE 3 INTERIOR 1ST ROW



**CONTACT ON DRIVER LEFT SIDE** 

(ID=210206642)

VEHICLE 3
INTERIOR 1ST ROW



CONTACT ON DRIVERS LEFT AND RIGHT LOWER

(ID=210206644)

VEHICLE 3 INTERIOR 1ST ROW



CONTACT ON DRIVERS RIGHT SIDE (ID=210206643)

VEHICLE 3 INTERIOR 1ST ROW



DRIVERS FOOT PEDALS NON ADJUSTABLE

(ID=210206645)

**VEHICLE 3 INTERIOR 1ST ROW** 



**DRIVERS FOOT PEDALS NON ADJUSTABLE** 

**VEHICLE 3 INTERIOR 1ST ROW** 



**CONTACT ON DRIVERS DOOR** 

(ID=210206648)

**VEHICLE 3 INTERIOR 1ST ROW** 



**CONTACT ON DRIVERS DOOR** 

(ID=210206647)

**VEHICLE 3 INTERIOR 1ST ROW** 



LEFT TO RIGHT VIEW OF STEARING (ID=210206649) **WHEEL** 

VEHICLE 3 INTERIOR 1ST ROW



**CONTACT ON PASSENGER SIDE** 

(ID=210206650)

VEHICLE 3
INTERIOR 1ST ROW



**CONTACT ON PASSENGER SIDE** 

(ID=210206652)

VEHICLE 3 INTERIOR 1ST ROW



**CONTACT ON PASSENGER SIDE** 

(ID=210206651)

VEHICLE 3 INTERIOR 1ST ROW



**CONTACT ON PASSENGER SIDE** 

(ID=210206653)

**VEHICLE 3 INTERIOR 1ST ROW** 



**AIR BAG INFO IN VISOR** 

**VEHICLE 3** INTERIOR 1ST ROW



**SUN ROOF SLIGHTLY OPEN** 

(ID=210206657)

**VEHICLE 3 INTERIOR 1ST ROW** 



**BROKEN REAR VIEW MIRROR** 

(ID=210206656)

**VEHICLE 3 INTERIOR 1ST ROW** 



**SUN ROOF** 

(ID=210206658)

**VEHICLE 3 INTERIOR 1ST ROW** 



**POSIBLE CONTACT SPOTS ON DRIVERS VISOR** 

**VEHICLE 3 INTERIOR 1ST ROW** 



**RIGHT TO LEFT OF STEARING WHEEL** 

(ID=210206662)

**VEHICLE 3 INTERIOR 1ST ROW** 



RIGHT DOOR PANEL / NO CONTACT (ID=210206661)

**VEHICLE 3 INTERIOR 1ST ROW** 



**CONTACT ON DRIVERS DOOR** 

(ID=210206663)

**VEHICLE 3 INTERIOR 1ST ROW** 



**CONTACT ON DRIVERS DOOR** 

INTERIOR 1ST ROW

**VEHICLE 3** 



RIGHT SEAT BACK / NO SIGN OF AIR (ID=210206667) **BAG** 

**VEHICLE 3 INTERIOR 1ST ROW** 



**CONTACT ON DRIVERS DOOR** 

(ID=210206665)

**VEHICLE 3 INTERIOR 1ST ROW** 



**RIGHT SIDE SEAT BACK / NO SIGN OF AIR BAG** 

(ID=210206668)

VEHICLE 3 INTERIOR 1ST ROW



LEFT SEAT BACK NO SIGN OF AIR (ID=210206669)
BAG

VEHICLE 3 Int 1st Row - Driver Air Bag



TETHER (ID=210206526)

VEHICLE 3 Int 1st Row - Driver Air Bag



NON DEPLOYED IN STEARING WHEEL

(ID=210206517)

VEHICLE 3 Int 1st Row - Driver Air Bag



TETHER (ID=210206527)

**VEHICLE 3** Int 1st Row - Driver Air Bag



**DRIVERS AREA** 

Int 1st Row - Driver Air Bag

**VEHICLE 3** 



**DRIVERS AREA NEAR B PILLER** 

(ID=210206530)

**VEHICLE 3** Int 1st Row - Driver Air Bag



**DRIVERS AREA** 

(ID=210206529)

**VEHICLE 3** Int 1st Row - Driver Air Bag



LEFT CURTAIN

(ID=210206614)

VEHICLE 3 Int 1st Row - Driver Air Bag



CONTACT ON LEFT FRONT CURTAIN (ID=210206637)

VEHICLE 3 Int 1st Row - Driver Air Bag



CLOSE UP OF CONTACT ON LEFT (ID=210 FRONT CURTAIN

(ID=210206639)

VEHICLE 3 Int 1st Row - Driver Air Bag



CLOSE UP OF CONTACT ON LEFT FRONT CURTAIN

(ID=210206638)

VEHICLE 3
Int 1st Row - Driver Air Bag



INSIDE OUT VIEW OF CONTACT ON (ID=210206655) DRIVERS CURTAIN

VEHICLE 3 Int 1st Row - Passenger Air Bag



AIR BAG LOGO (ID=210206538)

VEHICLE 3 Int 1st Row - Passenger Air Bag



TETHER (ID=210206545)

VEHICLE 3 Int 1st Row - Passenger Air Bag



**AIR BAG NON DEPLOYED** 

(ID=210206539)

VEHICLE 3 Int 1st Row - Passenger Air Bag



**PASSENGER CURTAIN AREA** 

(ID=210206546)

VEHICLE 3
Int 1st Row - Passenger Air Bag



UPPER CURTAIN COMING OUT OF (ID=210206558)
ROOF

VEHICLE 3
Int 1st Row - Passenger Air Bag



**RIGHT SIDE CURTAIN** 

(ID=210206564)

VEHICLE 3
Int 1st Row - Passenger Air Bag



**RIGHT SIDE CURTAIN** 

(ID=210206563)

VEHICLE 3
Int 1st Row - Passenger Air Bag



LOOKING IN TO RIGHT FRONT TETHER

(ID=210206620)

**VEHICLE 3** Int 1st Row - Passenger Air Bag



**LOOKING IN TO RIGHT TETHER** 

**INTERIOR 2ND ROW** 

**VEHICLE 3** 



**LEFT TO RIGHT** 

(ID=210206515)

**VEHICLE 3** Int 1st Row - Passenger Air Bag



**PASSENGER CURTAIN AREA** 

(ID=210206660)

**VEHICLE 3 INTERIOR 2ND ROW** 



**RIGHT HEAD RESTRAINT** 

(ID=210206569)

**VEHICLE 3 INTERIOR 2ND ROW** 



**CENTER HEAD RESTRAINT** 

**VEHICLE 3** INTERIOR 2ND ROW



RIGHT ANCHORAGE

(ID=210206572)

**VEHICLE 3 INTERIOR 2ND ROW** 



**LEFT HEAD RESTRAINT** 

(ID=210206571)

**VEHICLE 3 INTERIOR 2ND ROW** 



LEFT ANCHORAGE

(ID=210206573)

**VEHICLE 3 INTERIOR 2ND ROW** 



**CENTER INTEGRATED** 

**VEHICLE 3 INTERIOR 2ND ROW** 



RIGHT PRETENTIONER DEPLOYED

(ID=210206576)

**VEHICLE 3 INTERIOR 2ND ROW** 



**CENTER INTEGRATED** 

**INTERIOR 2ND ROW** 

**VEHICLE 3** 



**RIGHT SEAT CHILD SEAT SYMBOL** 

(ID=210206577)

**VEHICLE 3 INTERIOR 2ND ROW** 



RIGHT SIDE CHILD SEAT SYMBOL

**VEHICLE 3 INTERIOR 2ND ROW** 



LEFT SEAT CHILD SEAT ANCHOR

(ID=210206580)

**VEHICLE 3 INTERIOR 2ND ROW** 



RIGHT SEAT CHILD SEAT ANCHOR

(ID=210206579)

**VEHICLE 3 INTERIOR 2ND ROW** 



LEFT SEAT CHILD SEAT SYMBOL

(ID=210206581)

**VEHICLE 3 INTERIOR 2ND ROW** 



**LEFT AND CENTER SEAT FASTENERS** 

**VEHICLE 3 INTERIOR 2ND ROW** 



LEFT SEAT FASTENER

(ID=210206584)

**VEHICLE 3 INTERIOR 2ND ROW** 



**CENTER SEAT FASTENER** 

(ID=210206583)

**VEHICLE 3 INTERIOR 2ND ROW** 



**RIGHT SEAT FASTENER** 

(ID=210206585)

**VEHICLE 3 INTERIOR 2ND ROW** 



**CENTER SEAT BELT LATCH** 

**VEHICLE 3 INTERIOR 2ND ROW** 



**CENTER SEAT BELT PRETENTIONER (ID=210206588) DEPLOYED** 

**VEHICLE 3 INTERIOR 2ND ROW** 



**CENTER SEAT BELT** 

(ID=210206587)

**VEHICLE 3 INTERIOR 2ND ROW** 



LEFT SEAT BELT LOWER FASTENER (ID=210206589) **REMOVED** 

VEHICLE 3 INTERIOR 2ND ROW



LEFT LOWER SEAT BELT FASTENER (ID=210206590) AREA

VEHICLE 3 INTERIOR 2ND ROW



LEFT SEAT BELT LOWER FASTENER (ID=210206592) DISCONECTED / PSB

VEHICLE 3 INTERIOR 2ND ROW



**LEFT SEAT BELT LATCH PLATE** 

(ID=210206591)

VEHICLE 3 INTERIOR 2ND ROW



LEFT SEAT BELT FASTENED

(ID=210206593)

**VEHICLE 3 INTERIOR 2ND ROW** 



**LEFT SEAT BELT LOWER LATCH DISCONECTED / PSB** 

**VEHICLE 3 INTERIOR 2ND ROW** 



**LEFT LOWER SEAT BELT SHOULD BE FASTENED** 

(ID=210206596)

**VEHICLE 3 INTERIOR 2ND ROW** 



(ID=210206595) **LEFT LOWER SEAT BELT SHOULD BE FASTENED** 

**VEHICLE 3 INTERIOR 2ND ROW** 



LEFT SEAT BELT FASTENED

(ID=210206597)

VEHICLE 3 INTERIOR 2ND ROW



**LEFT SEAT BELT FASTENED** 

(ID=210206598)

VEHICLE 3 INTERIOR 2ND ROW



LOOKING INTO LEFT REAR DOOR AT (ID=210206600) DEPLOYED CURTAIN

VEHICLE 3
INTERIOR 2ND ROW



**LEFT SEAT BELT UNFASTENED** 

(ID=210206599)

VEHICLE 3 INTERIOR 2ND ROW



LOOKING INTO LEFT REAR DOOR WITH DEPLOYED CURTAIN

(ID=210206601)

**VEHICLE 3 INTERIOR 2ND ROW** 



**LEFT TO RIGHT** 

**VEHICLE 3** INTERIOR 2ND ROW



**RIGHT SEATING AREA** 

(ID=210206605)

**VEHICLE 3 INTERIOR 2ND ROW** 



**RIGHT SEATING AREA** 

(ID=210206604)

**VEHICLE 3 INTERIOR 2ND ROW** 



**CENTER SEATING AREA** 

(ID=210206606)

**VEHICLE 3 INTERIOR 2ND ROW** 



**CENTER SEATING AREA** 

**VEHICLE 3 INTERIOR 2ND ROW** 



LOOKING INTO RIGHT REAR DOOR (ID=210206609) WITH DEPLOYED CURTAIN

**VEHICLE 3 INTERIOR 2ND ROW** 



**LEFT SEATING AREA** 

(ID=210206608)

**VEHICLE 3 INTERIOR 2ND ROW** 



**LEFT SEATING AREA** 

(ID=210206610)

**VEHICLE 3 INTERIOR 2ND ROW** 



**LEFT SEATING AREA** 

**VEHICLE 3 INTERIOR 2ND ROW** 



**LEFT REAR TETHER** 

(ID=210206631)

**VEHICLE 3 INTERIOR 2ND ROW** 



**RIGHT TO LEFT** 

(ID=210206617)

**VEHICLE 3 INTERIOR 2ND ROW** 



CHILD SEAT ANCHORAGE ON SEAT (ID=210206632) **BACKS** 

**VEHICLE 3 INTERIOR 2ND ROW** 



**CHILD SEAT ANCHORAGE ON CENTER SEAT BACK** 

**VEHICLE 3** Int 2nd Row - Air Bag



**RIGHT SIDE CURTAIN** 

(ID=210206560)

**VEHICLE 3** Int 2nd Row - Air Bag



SIDE AIR BAG CURTAIN COMING OUT(ID=210206559) **OF ROOF** 

**VEHICLE 3** Int 2nd Row - Air Bag



**RIGHT SIDE CURTAIN** 

(ID=210206561)

**VEHICLE 3** Int 2nd Row - Air Bag



**RIGHT SIDE CURTAIN** 

**VEHICLE 3** Int 2nd Row - Air Bag



**RIGHT SIDE CURTIAN** 

(ID=210206566)

**VEHICLE 3** Int 2nd Row - Air Bag



**RIGHT SIDE CURTAIN** 

(ID=210206565)

**VEHICLE 3** Int 2nd Row - Air Bag



**RIGHT SIDE REAR TETHER** 

(ID=210206567)

VEHICLE 3 Int 2nd Row - Air Bag



RIGHTSIDE REAR CURTAIN TO TETHER

(ID=210206568)

VEHICLE 3 Int 2nd Row - Air Bag



**LEFT REAR TETHER** 

(ID=210206613)

VEHICLE 3 Int 2nd Row - Air Bag



WRITING ON LEFT SIDE CURTAIN

(ID=210206612)

VEHICLE 3 Int 2nd Row - Air Bag



LEFT CURTAIN

(ID=210206615)

**VEHICLE 3** Int 2nd Row - Air Bag



**LEFT REAR TETHER** 

**VEHICLE 3** Int 2nd Row - Air Bag



BACK TO FRONT OF LEFT CURTAIN (ID=210206627)

**VEHICLE 3** Int 2nd Row - Air Bag



BACK TO FRONT OF RIGHT CURTAIN (ID=210206626)

**VEHICLE 3** Int 2nd Row - Air Bag



BACK TO FRONT OF LEFT CURTAIN (ID=210206628)

VEHICLE 3 Int 2nd Row - Air Bag



BACK TO FRONT OF RIGHT CURTAIN (ID=210206629)

VEHICLE 3
INTERIOR OTHER ROW



RIGHT TO LEFT OF CARGO AREA (ID=210)

(ID=210206623)

VEHICLE 3 Int 2nd Row - Air Bag



**RIGHT REAR TETHER** 

(ID=210206630)

VEHICLE 3
INTERIOR OTHER ROW



LEFT TO RIGHT OF CARGO AREA

(ID=210206624)

**VEHICLE 3** MISCELLANEOUS



**MAKE OF ALL TIRES** 

**VEHICLE 3** MISCELLANEOUS



**MODEL OF ALL TIRES** 

(ID=210206465)

**VEHICLE 3 MISCELLANEOUS** 



SIZE OF ALL TIRES

(ID=210206464)