

# Ultra-High Strength Steels in 2009 Model Year GM Vehicles

## Quick Reference Sheet

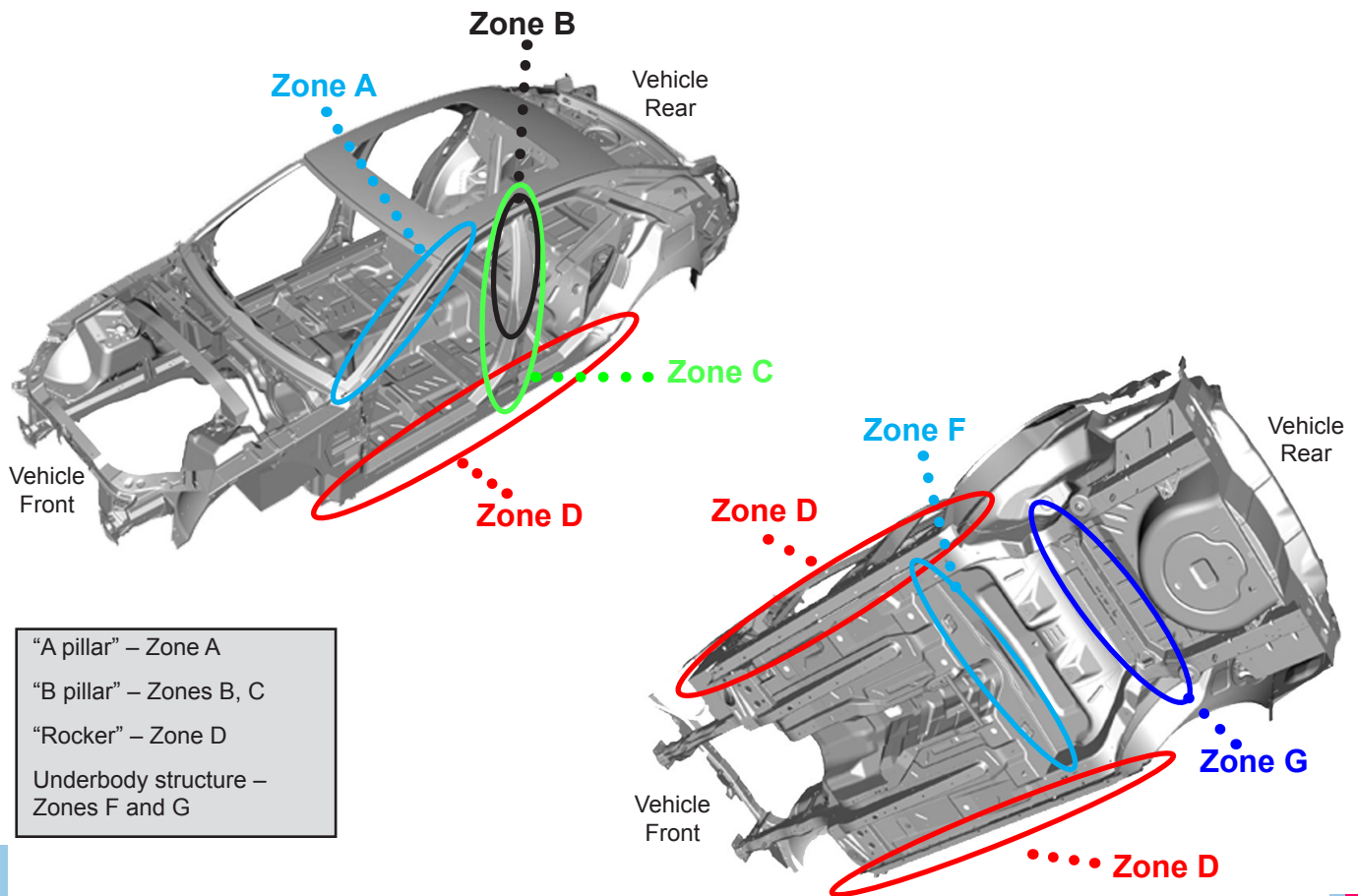
Automobile manufacturers are increasingly implementing ultra-high strength steels in vehicle structures to help protect occupants, meet government requirements and reduce vehicle weight. The presence of ultra-high strength steels may affect the manner in which the First Responder will conduct rescue operations with some vehicles.

To help First Responders plan crash extraction methods, General Motors is providing the following information on the implementation of ultra-high strength steels in the 2009 model year passenger vehicles. GM uses ultra-high strength steels in specific sections of some 2009 Model Year vehicles.

Identification of the vehicles, models, vehicle zones and specific parts that use ultra-high strength steels is provided in the chart below for 2009 Sedans and on the next page for SUVs. An illustration follows each chart identifying the specific zone locations from a side and underbody view.

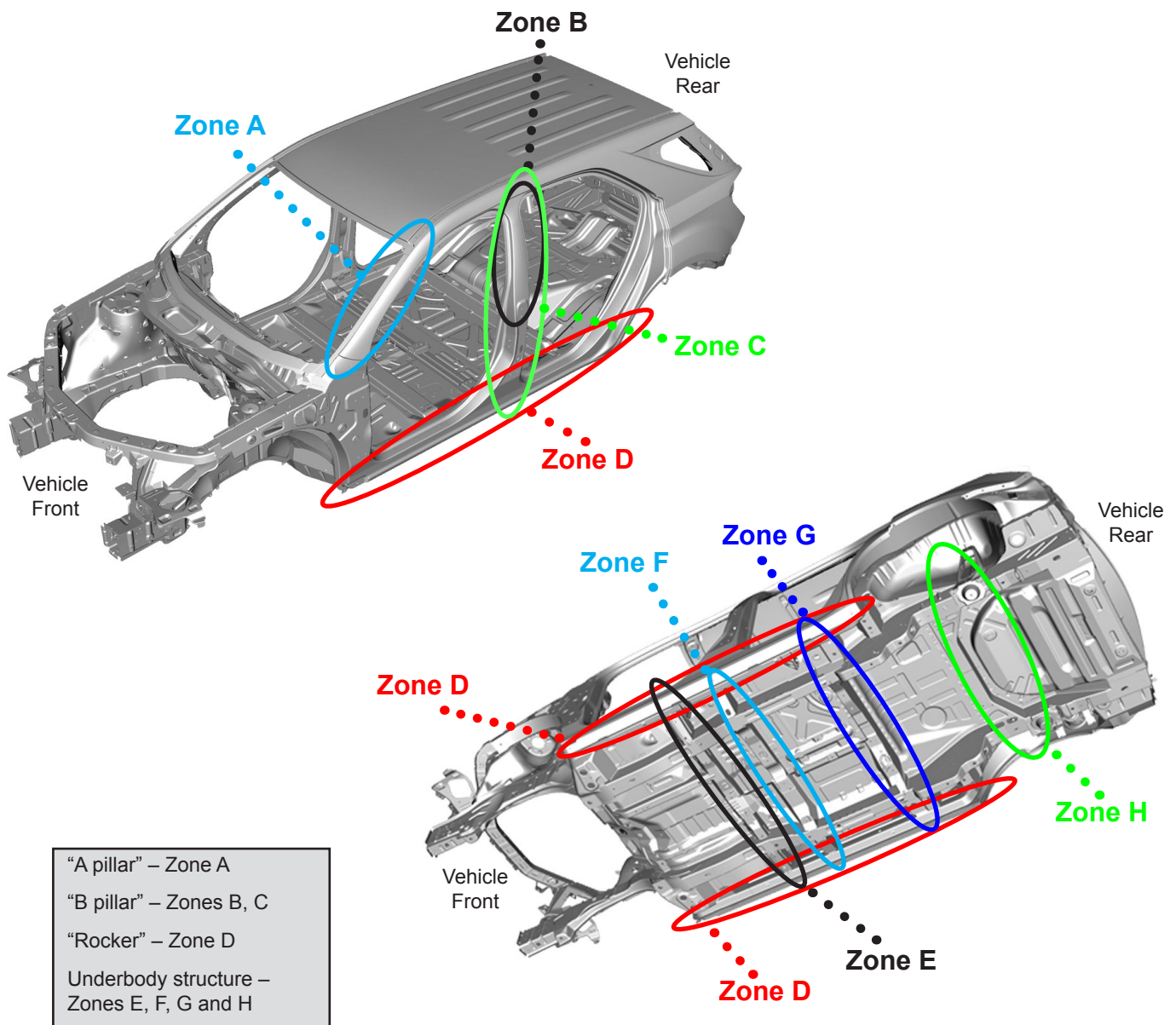
### 2009 Sedans

Make	Model	Zones								Notes
		A	B	C	D	E	F	G	H	
Cadillac	CTS				x					Rocker
Cadillac	STS				x					Rocker
Chevrolet	HHR				x		x			Rocker L&R and #3 Bar
Chevrolet	Malibu				x					Rocker
Chevrolet	Camaro				x			x		Rocker and #4 Bar
Pontiac	G8		x	x	x					B Pillar and Rocker



## 2009 SUVs

Make	Model	Zones								Notes
		A	B	C	D	E	F	G	H	
Buick	Enclave		x		x	x				Rocker and #2 Bar
Cadillac	SRX				x					Rocker
Cadillac	Provoq TBD (2010)				x	x		x	x	Rocker #2 Bar, #4 Bar, #5 Bar
Chevrolet	Equinox (2010)				x					Rocker
GMC	Terrain (2010)				x					Rocker
GMC	Acadia		x		x	x				Rocker amd #2 Bar
Saab	9-4x (2010)				x	x		x	x	Rocker #2 Bar, #4 Bar, #5 Bar
Saturn	Outlook		x		x	x				Rocker and #2 Bar
Chevrolet	Traverse		x		x	x				



**Note:** At this time, General Motors does not use any Ultra-High Strength Steels in these corresponding zones on other 2009 model year vehicles.

## 2010 Crossovers

Crossovers	Zones							
	A	B	C	D	E	F	G	H
Buick Exclave		x		x	x			
Cadillac CTS (wagon)		x		x	x		x	
Cadillac SRX		x		x		x	x	
Chevrolet Equinox					x		x	
Chevrolet HHR						x		
Chevrolet Traverse		x		x	x			
GMC Acadia		x		x	x			
GMC Terrain					x		x	
Saturn Outlook		x		x	x			

X Indicates tensile strength greater than or equal to 980 MPa (PHS, DP1000 or Grade 13 Martensite)

