



Service Bulletin

File in Section: 03 - Suspension

Bulletin No.: 04-03-10-013G

Date: October, 2012

INFORMATION

Subject: Driving Characteristics of Rear-Wheel Drive Vehicles and Available Winter Tires

Models: 2012-2013 Buick Regal GS
2005-2011 Cadillac STS
2008-2013 Cadillac CTS Sedan
2009-2013 Cadillac CTS-V
2010-2013 Cadillac CTS Wagon
2011-2013 Cadillac CTS Coupe
2013 Cadillac ATS
2010-2013 Chevrolet Camaro
2012-2013 Chevrolet Camaro ZL1
2008-2009 Pontiac G8

This bulletin is being revised to add new models and to update the Available Winter Tires table for 2013. Some vehicles have the same recommended tire as the last revision of this document, but have revised part numbers. Please discard Corporate Bulletin Number 04-03-10-013F (Section 03 – Suspension).

Increasing Winter Traction

Many General Motors high performance models come factory equipped with tires that are optimized for maximum dry and wet road performance while still retaining satisfactory tread life, excellent durability and low noise levels. In severe winter climates where snowfall may be significant, these tires may be found to provide less traction. Winter tires are a viable alternative that may greatly enhance winter driving.

Recent General Motors performance oriented vehicles being introduced are rear wheel drive. Rear wheel drive takes advantage of the natural weight shift rearward during acceleration increasing dry road traction on the driven wheels. Rear wheel drive also contributes to neutral steering as it takes the burden off the front wheels to both power and turn the vehicle. The connection between the steering and the powertrain is also eliminated, removing any tendency for engine power to influence the steering under heavy acceleration or rough roads.

Generally front wheel drive vehicles offer additional winter traction due to the weight of the engine / transaxle sitting directly above the driving wheels, and are found to be satisfactory for winter driving when factory equipped with all-season tires. In the case of the Regal GS, this model is standard with summer or “3 season” performance tires that optimize dry and wet handling. Winter Tires may greatly enhance the available traction on this vehicle in severe winter climates where snowfall may be significant.

Use and Application Tips

The vehicles listed in this bulletin are rear-wheel drive with the exception of the Buick Regal GS, which is front wheel drive. In ALL cases, if a decision is made to switch to winter tires, you **MUST** replace all four tires. When selecting winter tires, you should keep to the same size and aspect ratio as the original equipment tires, unless otherwise directed by the chart below. If you deviate from the original size, you may create clearance issues, speedometer error and/or alter the handling characteristics of the vehicle. These factors have been considered in the recommendations below. No other variance in size should be considered.

Acknowledge Any Revised Speed Ratings and Adjust Your Driving Accordingly

Winter tires, in general, are optimized for increased traction on snow and ice. In some instances, this may translate into decreased dry road traction, increased road noise and shorter tread life. You should drive cautiously after switching tires and get acclimated to the new handling and braking performance characteristics. If winter tires are not available in the same speed rating as the original equipment tires, you must be sure not to exceed the speed rating of the winter tire chosen.

Some Available Choices

The tires listed in the chart below are some of the choices in winter tires currently available in sizes that match the OE tire. Due to seasonal model changes and constantly changing availability, all of the tires listed below are not guaranteed to be in stock. We believe these sources and their equipment to be reliable. There may be additional manufacturers of such products. General Motors does not endorse, indicate any preference for or assume any responsibility for the products or equipment from these firms or for any such items which may be available from other sources. A product's inclusion in the chart below does not imply any guaranteed level of performance. Purchase of any of the tires below is at the customer's cost and any and all warranties expressed are the sole responsibility of the tire manufacturer.

Parts Information

The following tires are available for order through the GM Tire Program. Some tires may specify revised load ratings and/or recommended pressures.

Important: Please note that in all cases, winter tires are designed to be used as a set of 4 tires. Do Not install winter tires only on the driving wheels.

Available Winter Tires

Model Year	Vehicle	O.E. Rim	Position (Fr/Rr)	O.E. Tire Size	Winter Tire Size	Speed Rating	Winter Rim (If Required)	Winter Tire Brand / Pattern	GM Part #
2009-2013	CTS-V	19 x 9.0	Fr	255/40ZR19 96Y	255/40R19 XL	V	19 x 9.0	Pirelli W240 Sottozero	19164570
		19 x 9.5	Rr	285/35ZR19 99Y	285/35R19 XL	V	19 x 9.5	Pirelli W240 Sottozero	19160922
2011-2013	CTS COUPE	18 x 8.5	Fr	P235/50R18 97v	235/50R18 XL	V	18 x 8.5	Dunlop SP Winter Sport 3D	19191065
		18 x 9.0	Rr	P265/45R18 101V	255/45R18	V	18 x 9.0	Dunlop SP Winter Sport 3D	19254193
		19 x 8.5	Fr	P245/45ZR19 98Y	245/45R19 XL	V	19 x 8.5	Pirelli W240 Sottozero S2	19249698
		19 x 9.5	Rr	P275/40ZR19 101Y	275/40R19 XL	V	19 x 9.5	Pirelli W240 Sottozero S2	19249709
2010-2013	CTS SEDAN & WAGON	19 x 8.5	ALL	245/45ZR19 98Y	245/45R19 XL	V	19 x 8.5	Pirelli W240 Sottozero S2	19249698
2008-2013	CTS SEDAN	17 x 8.0	ALL	P235/55R17 98H	235/55R17	V	17 x 8.0	Michelin Pilot Alpin PA3	19236758
		18 x 8.5	ALL	P235/50R18 97V	235/50R18 XL	V	18 x 8.5	Dunlop SP Winter Sport 3D	19191065
				235/50ZR18 97Y	235/50R18 XL	V	18 x 8.5	Dunlop SP Winter Sport 3D	19191065
2005-2011	STS	17 x 7.5	ALL	P235/50R17 95S	235/50R17 XL	H	17 x 7.5	Pirelli W210 Sottozero	19160939
			Fr	P235/50R17 95V	235/50R17 XL	H		Pirelli W210 Snowsport (extra load replaces split V-rated sizes)	19160939
		17 x 8.0	Rr	P255/45R17 98V		H	17 x 8.0		

Available Winter Tires (cont'd)

Model Year	Vehicle	O.E. Rim	Position (Fr/Rr)	O.E. Tire Size	Winter Tire Size	Speed Rating	Winter Rim (If Required)	Winter Tire Brand / Pattern	GM Part #
2010-2013	CAMARO	18 x 7.5	ALL	P245/50R18 102T	245/55R18	H	18 x 7.5	Pirelli Scorpion Ice & Snow	19193153
		19 x 8.0	ALL	P245/50ZR19 104W	245/50R19	V	19 x 8.0	Pirelli Scorpion Ice & Snow	19193152
		20 x 8.0	Fr	P245/45ZR20 103Y	245/45R20	V	20 x 8.0	Pirelli Scorpion Ice & Snow	19189647
		20 x 9.0	Rr	P275/40ZR20 106Y	275/40R20	V	20 x 9.0	Pirelli Scorpion Ice & Snow	19249680
		21 x 8.5	Fr	P245/40ZR21 100Y	245/45R20	V	*20 x 8.0	Pirelli Scorpion Ice & Snow	19189647
		21 x 9.5	Rr	P275/35ZR21 103Y	275/40R20	V	*20 x 9.0	Pirelli Scorpion Ice & Snow	19249680
2012-2013	CAMARO ZL-1	20 x 10.0	Fr	285/35R20 100Y	285/35R20	V V	20 x 10.0	Pirelli W240 Sottozero S2	19253727
		20 x 11.0	Rr	305/35R20 104Y	305/35R20	V	20 x 11.0	Pirelli W240 Sottozero	19160926
2008-2009	G8	18 x 8.0	ALL	245/45R18 96V	245/45R18	V V	18 x 8.0	Pirelli W240 Sottozero	19142774
		19 x 9.0	ALL	245/40R19 94W	245/40R19	V	19 x 9.0	Pirelli W240 Sottozero	19160917
2013	ATS SEDAN	17 x 8.0	ALL	P225/45R17 90H/V	225/45R17	V	17 x 8.0	Bridgestone Blizzak LM-25 RFT	19250234
		18 x 8.0	ALL	225/40R18 92V	225/40R18	H	18 x 8.0	Bridgestone Blizzak LM-60RFT	19250224
		19 x 8.5	Fr	225/40RF18 88W	225/40R18	V	19 x 8.0	Pirelli W240 Sottozero S2 RunFlat	19241089
		19 x 9.5	Rr	255/35RF18 90W	255/35RF18	V	18 x 9.0	Pirelli W240 Sottozero S2 RunFlat	19249704
2012-2013	Regal GS	19 x 8.5	ALL	255/35R20 97Y XL	255/35R20	V	20 x 8.5	Pirelli W240 Sottozero	19185696
						H		Alt. — Bridgestone Blizzak LM60	19250193

*For the Chevrolet Camaro equipped with 21" wheels, the suggested tires for winter use require downsizing to 20" wheels.

Warranty Information

This service is provided as a customer pay option.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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