

## Appendix B

### Original Equipment Tire and Wheel Information for SS & Jaguar Cars

The following information is based on the best data available and is for use in judging. Some non-North American models may not be included. This information may be superseded by tire and wheel data contained in the Owner's Manual for a specific model Jaguar. Recommendations for additions or corrections to this appendix are encouraged and should be submitted to the Chairman of the Judge's Concours Rules Committee (the address can be found in the Clubs, JCNA Committee Section of Jaguar Journal). A copy of the page(s) of the applicable Owner's Manual, specifying the tire size and/or wheel description, should accompany all submissions.

<u>YEAR</u>	<u>MODEL / NOTE</u>	<u>TIRE SIZE</u>	<u>MFG.</u>	<u>TIRE</u>	<u>WHEEL</u>
<b><u>SS</u></b>					
1931-32	S.S. 1 Coupe	5.50 x 18	Dunlop	Fort 90	60 Spoke
1931-33	S.S. 2 Coupe <sup>1</sup>	4.75 x 18	Dunlop	Fort 90	48 Spoke
1932-36	S.S. 1 Coupe/Saloon/Tourer	5.50 x 18	Dunlop	Fort 90	60 Spoke
1933-34	S.S. 2 Coupe/Saloon	4.75 x 18	Dunlop	Fort 90	60 Spoke
1934-36	S.S. 2 Tourer	4.75 x 18	Dunlop	Fort 90	60 Spoke
1934-36	S.S. 1 Airline	5.50 x 18	Dunlop	Fort 90	60 Spoke
1935-35	S.S. 1 Drop Head Coupe	5.50 x 18	Dunlop	Fort 90	60 Spoke
1935-35	S.S. 90	5.50 x 18	Dunlop	Fort 90	60 Spoke
1935-37	S.S. Jaguar 1½ s.v. Saloon <sup>1</sup>	4.75 x 18	Dunlop	Fort 90	60 Spoke
1935-37	S.S. Jaguar 2½ o.h.v. Saloon/Tourer	4.75/5.50 x 18	Dunlop	Fort 90	60 Spoke
1935-41	S.S. Jaguar 100 2½, 3½	5.25/5.50 x 18	Dunlop	Fort 90	60 Spoke
1935-38	S.S. Jaguar 1½ All Steel Saloon	4.75/5.25 x 18	Dunlop	Fort 90	60 Spoke
1935-38	S.S. Jaguar 2½, 3½ All Steel Saloon\DHC	5.50 x 18	Dunlop	Fort 90	60 Spoke
<b><u>MKIV</u></b>					
1945-48	1½, 2½, 3½ Jaguar (Mk IV)	5.50 x 18	Dunlop	Fort 90	60 Spoke
<b><u>MKV</u></b>					
1948-50	MK V <sup>2</sup>	6.70 x 16	Dunlop	Super Comfort	Pressed Steel 5x16

<b>YEAR</b>	<b>MODEL / NOTE</b>	<b>TIRE SIZE</b>	<b>MFG.</b>	<b>TIRE</b>	<b>WHEEL</b>
<b><u>XKs</u></b>					
1948-54	XK 120	6.00 x 16	Dunlop	Roadspeed RS4 (Later RS5) & Racing	Pressed Steel 4½x16, 5x16 54 Spoke Wire 5x16
1954-57	XK 140	6.00 x 16	Dunlop	Roadspeed RS5 Racing	Pressed Steel 5x16 54 Spoke Wire 5x16
1957-61	XK 150	6.00 x 16	Dunlop	Roadspeed RS5 Racing	Pressed Steel 5½x16 54 Spoke Wire 5x16 June '58 - 60 Spoke Wire 5x16
<b><u>C and D Types, XKSS</u></b>					
1951-54	XK 120C (C-Type)	(Front) 6.00 x 16 (Rear) 6.50 x 16	Dunlop	Racing	54 Spoke (Early) 60 Spoke (Late)
1955-57	D-Type & 1957 XKSS	6.50 x 16	Dunlop	Racing	5.00 x 16 light alloy perforated disc
<b><u>Large Saloons</u></b>					
1950-57	MK VII, MK VIIM <sup>2</sup>	6.70 x 16	Dunlop	Super Comfort	Pressed Steel 5x16
1956-59	MK VIII <sup>2</sup>	6.70 x 16	Dunlop	Super Comfort	Pressed Steel 5x16
1958-61	MK IX <sup>2</sup>	6.50/6.70 x 16	Dunlop	Super Comfort	Pressed Steel 5½x16
1961-64	MK 10 (3.8)	7.50 x 14	Dunlop	Roadspeed RS5	Pressed Steel 5½x14
1964-66	MK 10 (4.2)	205 x 14	Dunlop	SP-41 (Radial)	Pressed Steel 5½x14
1966-68	420G	205 x 14	Dunlop	SP-41 (Radial)	Pressed Steel 5½x14
<b><u>Small Saloons</u></b>					
1955-59	2.4 (MK 1)	6.40 x 15	Dunlop	Super Balloon	Pressed Steel 4½x15 72 Spoke Wire 4½x15
1955-59	3.4 (MK 1)	6.40 x 15	Dunlop	Roadspeed RS4	Pressed Steel 4½x15 72 Spoke Wire 4½x15 after chassis #127785-lhd
1959-67	MK 2 (2.4, 3.4, 3.8)	6.40 x 15	Dunlop	Roadspeed RS5	Pressed Steel 5x15
1963-68	3.4S, 3.8S	6.40 x 15	Dunlop	Roadspeed RS5	72 Spoke Wire 5x15
radial after	3.4-1B25084 & 3.8-1B75382	185HR15	Dunlop	Roadspeed RS5	Pressed Steel 5½x15
1966-68	420	6.40 x 15	Dunlop	SP-41/SP-68 (Radial)	72 Spoke Wire 5½x15
		185 HR15	Dunlop	Roadspeed RS5	Pressed Steel 5½x15
1967-69	240, 340	6.40 x 15	Dunlop	SP-41 (Radial)	72 Spoke Wire 5½x15
		185HR15	Dunlop	Roadspeed RS5	Pressed Steel 5½x15
			Dunlop	SP-41 (Radial)	Optional 72 Spoke Wire 5½x15

<b>YEAR</b>	<b>MODEL / NOTE</b>	<b>TIRE SIZE</b>	<b>MFG.</b>	<b>TIRE</b>	<b>WHEEL</b>
<b><u>E-Types</u></b>					
1961-67	E-type (Ser 1) 3.8, 4.2 <sup>3</sup>	6.40 x 15	Dunlop	Roadspeed RS5	Pressed Steel 5x15
			Dunlop	Racing	72 Spoke Wire 5x15
	(Option after 5/63)	185HR15	Dunlop	SP-41 (Radial)	
1967-68	E-type (Ser 1½) 4.2 <sup>3</sup>	185HR15	Dunlop	SP-41 (Radial)	Pressed Steel 5x15
					72 Spoke Wire 5x15
1968-70	Series 2 E-type	185HR15	Dunlop	SP Sport (Radial)	72 Spoke Wire 5x15
					Slotted Pressed Steel 5x15 (Optional)
1971-75	Series 3 E-type <sup>4</sup>	ER70VR15	Dunlop	SP Sport (Radial)	Astro Pressed Steel 6x15
					Triple Laced 72 Spoke Wire 6x15
<b><u>XJ6/12 Series 1</u></b>					
1968-73	Series 1 XJ6, XJ12, XJ6L, XJ12L <sup>4</sup>	ER70VR15	Dunlop	SP Sport	Slotted Pressed Steel 6x15
<b><u>XJ6/12 Series 2</u></b>					
1973-79	Series 2 XJ6, XJ6L, XJ6C, XJ12, XJ12L, XJ12C <sup>4</sup>	ER70VR15	Dunlop	Formula 70	Slotted Pressed Steel 6x15
		205/70VR15	Dunlop	SP Sport	Slotted Pressed Steel 6x15
<b><u>XJ6/12 Series III</u></b>					
1979	Series III XJ6	ER70VR15	Dunlop	Formula 70	SP Sport Pressed Steel w/ Trim Ring 6Jx15
1979	Series III XJ12 (Non-US)	205/70VR15	Dunlop	Formula 70	SP Sport Perforated Alloy w/ Trim Ring 6x15
1980-83	Series III XJ 3.4, 4.2, 5.3	205/70VR15	Pirelli	P5	5-Spoke Kent Alloy 6x15
	(UK)	ER/70VR15	Pirelli	P5	5-Spoke Kent Alloy 6x15
1984-86	Series III XJ 3.4, 4.2, 5.3	215/70VR15	Pirelli	P5	5-Spoke Kent Alloy 6x15

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<b><u>XJS</u></b>					
1975-81	XJS Coupe	205/70VR15	Dunlop	SP Super	5-Spoke Kent Alloy 6JKx15
		205/70VR15	Pirelli	P5 Super	5-Spoke Kent Alloy 6JKx15
		205/70VR15	Michelin	XWX	Super 5-Spoke Kent Alloy 6JKx15
1981-86	XJS HE	215/70VR15	Pirelli	P5	5-Spoke Starfish (Grey Highlights) 6½x15
	XJS 3.6 (Non-US)	P215/70VR15	Dunlop	SP	Super D7 Perforated Alloy 6x15
1985-88	XJSC Cabriolet (Non-US)	P215/70VR15	Pirelli	P5	5-Spoke Starfish (Grey Highlights) 6x15
1988	XJR-S Le Mans	245/55ZR16	Dunlop	D-40-M2	Radial Alloy 7x16
1986-90	XJS V12	235/60VR15	Pirelli	P600	Lattice 6½x15
1991	XJS Classic	235/60ZR15	Goodyear	Eagle NCT60	Lattice 7x15 14x18
1992	XJS (Redesigned)	235/60ZR15	Goodyear	Eagle NCT60	Lattice 7x15
1993	XJS	235/60VR15	Pirelli	P4000	Lattice 6½x15
1993	XJR-S JaguarSport	(Front) 225/50ZR16	Goodyear	Eagle NCT60	JaguarSport Rectangular Slotted 8x16
		(Rear) 245/55ZR16			
		(Spare) 205/70R15			Speedline Alloy Spare
		(Spare) 205/70R15	Dunlop	D7	Speedline 7½x15
1994	XJS 6 & 12 cyl	235/60ZR15	Goodyear	NTC	Lattice (US Standard) 7x15
1994	XJS 6 & 12 cyl	225/55ZR16	Pirelli	P600	5-Spoke Starfish (Optional Sport) 7x16
1995	XJS 6 cyl	225/60ZR16	Pirelli	P4000E	5-Spoke Starfish (Gold Highlight) 7x16
1995	XJS 12 cyl	225/60ZR16	Pirelli	P4000E	20-Spoke Diamond Polished 7x16
1996	XJS Convertible	225/60ZR16	Pirelli	P4000E	Diamond Polished Alloy Aero Sport 7Jx16
<b><u>XJ6/12 (XJ40)</u></b>					
1987-92	XJ6	205/70VR15	Pirelli	P5	Radial Alloy 7x15
1993	XJ6	225/65ZR15	Pirelli	P4000	(XJ6) Radial 7x15, (VP) Roulette 7x15
1994	XJ6	225/60ZR16	Pirelli	P4000E	Kiwi Alloy 7x16
1994	XJ12 (early)	225/60ZR16	Pirelli	P4000E	Lattice 7x16
1994	XJ12 (late)	225/60ZR16	Pirelli	P4000	20 Spoke Alloy 7x16
1994	Vanden Plas	225/60ZR16	Pirelli	P4000E	Aero Alloy 7x16

<b>YEAR</b>	<b>MODEL / NOTE</b>	<b>TIRE SIZE</b>	<b>MFG.</b>	<b>TIRE</b>	<b>WHEEL</b>
<b><u>XJ220</u></b>					
1988	XJ220 Prototype	295/40ZR17	Pirelli	P Zero	Speedline One-piece Alloy 9x17
1991	XJ220	(Front) 255/45ZR17	Bridgestone	Expedia	Speedline One-piece Alloy 9x17
		(Rear) 345/35ZR18	Bridgestone	Expedia,	Speedline One-piece Alloy 14x18
1993	XJ220C	(Front) 250/640R18	Dunlop	Racing Slicks	JaguarSport Speedline 10x18
		(Rear) 315/655R18	Dunlop	Racing Slicks	JaguarSport Speedline 13x18
<b><u>XJ6 (X300)</u></b>					
1995-97	XJ6 & '97 XJ6L	225/60ZR16	Pirelli	P4000e	Dimple Cast Alloy-Diamond Polished 7Jx16
1995	Vanden Plas	225/60ZR16	Pirelli	P4000e	Aero Cast Alloy-Diamond Polished 7Jx16
1996-97	Vanden Plas	225/60ZR16	Pirelli	P4000e	20-spoke Cast Alloy-Diamond Polished 7Jx16
1995-96	XJ12	225/60ZR16	Pirelli	P4000e	20 Spoke Cast Alloy-Diamond Polished 7Jx16
<b><u>XJR (X300)</u></b>					
1995-97	XJR	255/45ZR17	Pirelli	P Zero	Sport Cast Alloy 8x17
<b><u>XJ8 (X308)</u></b>					
1998-03	XJ8/L	225/60ZR16 98W	Pirelli	P4000e/P6000	Starburst Cast Alloy 7Jx16
2001-03		(Alternate) 225/60HR16 98W	Michelin	Pilot HX MXM4	
1998-00	Vanden Plas	225/60ZR16 98W	Pirelli	P4000e	Crown Cast Alloy 7Jx16
2001-03	Vanden Plas & Sovereign	225/60ZR16 98W	Pirelli	P6000	Lunar Cast Alloy 7Jx16
		(Alternate) 225/60HR16 98W	Michelin	Pilot HX MXM4	
2001-03	Super V8	235/50ZR17 98W	Pirelli	P6000	Solar Cast Alloy 7.5x17
2001-03	XJ Sport	255/40ZR18 95W	Pirelli	P Zero A	Penta Cast Alloy 8x18
<b><u>XJR (X308)</u></b>					
1998-99	XJR	255/40ZR18 95W	Pirelli	P Zero A	Penta Forged Alloy 8Jx18
2000-03	XJR	255/40ZR18 95W	Pirelli	P Zero A	Asteroid Cast Alloy 8Jx18
	(R Performance Option)	255/35ZR19 96W	Pirelli	P Zero A	Milan 2-piece 8.5x19

<b>YEAR</b>	<b>MODEL / NOTE</b>	<b>TIRE SIZE</b>	<b>MFG.</b>	<b>TIRE</b>	<b>WHEEL</b>
<b><u>XJ8 (X350 Aluminum)</u></b>					
2004	XJ8 4.2	235/55R17 99H	Pirelli	P6	Elegant Cast Alloy 7.5x17
		(Alternate) 235/55R17 99H	Continental	CH95	
2004	Vanden Plas	235/50R18 97H	Continental	CH95	Dynamic Forged Alloy 8.0x18
		(Alternate) 235/50R18 97H	Michelin	Pilot HX MXM4	
<b><u>XJR (X350 Aluminum)</u></b>					
2004	XJR	255/40R19 96Y	Pirelli	P Zero A	Performance Forged Alloy 8.5x19
	(R Performance Option)	255/35ZR20 97Y	Michelin	Pilot Sport	Sepang 2-piece 9.0x20
<b><u>XK8</u></b>					
1997-99	XK8 & '97 Nieman Marcus	245/50ZR17	Pirelli	P Zero	Revolver Alloy 17x8 (Chrome Optional)
1997-99	XK8 Option	(Front) 245/45ZR18	Pirelli	P Zero	7 Flute 18x8
		(Rear) 255/45ZR18	Pirelli	P Zero	7 Flute 18x9
2000-02	XK8	245/50ZR17	Pirelli	P Zero	Lamina 5-spoke Alloy 17x8
2002-02	XK8 Option	(Front) 245/45ZR18	Continental	ContiSport Contact	Impeller Double 7-spoke Alloy 18x8
		(Rear) 255/45ZR18	Continental	ContiSport Contact	Impeller Double 7-spoke Alloy 18x9
2003	XK8	(Front) 245/45ZR18	Continental	ContiSport Contact	Centaur 7-spoke Alloy 18x8
		(Rear) 255/45ZR18	Continental	ContiSport Contact	Centaur 7-spoke Alloy 18x9
2003	XK8 Option	(Front) 245/40ZR19	Pirelli	P Zero	Apollo 5-spoke Alloy 19x8
		(Rear) 255/40ZR19	Pirelli	P Zero	Apollo 5-spoke Alloy 19x9
2004	XK8	(Front) 245/50ZR17	Pirelli	P Zero	Lamina 5-spoke Alloy 17x8
		(Rear) 245/50ZR17	Pirelli	P Zero	Lamina 5-spoke Alloy 17x8

<b>YEAR</b>	<b>MODEL / NOTE</b>	<b>TIRE SIZE</b>	<b>MFG.</b>	<b>TIRE</b>	<b>WHEEL</b>
<b><u>XKR</u></b>					
2000-02	XKR	(Front) 245/45ZR18 (Rear) 255/45ZR18	Pirelli Pirelli	P Zero P Zero	Double 5 10-spoke Alloy 18x8 Double 5 10-spoke Alloy 18x9
2001	XKR Silverstone & 02-04 XKR Option	(Front) 255/35ZR20 (Rear) 285/30ZR20	Pirelli Pirelli	P Zero P Zero	Detroit BBS 5-spoke Alloy 20x9 2-piece Detroit BBS 5-spoke Alloy 20x10 2-piece
2002	XKR 100 & 02-04 XKR Option	(Front) 255/35ZR20 (Rear) 285/30ZR20	Pirelli Pirelli	P Zero P Zero	Montreal BBS 9-spoke Alloy 20x9 2-piece Montreal BBS 9-spoke Alloy 20x10 2-piece
2003	XKR	(Front) 245/45ZR18 (Rear) 255/45ZR18	Continental Continental	ContiSport Contact ContiSport Contact	Hydra Double 7-spoke Alloy 18x8 Hydra Double 7-spoke Alloy 18x9
2002-04	XKR Option	(Front) 255/35ZR20 (Rear) 285/30ZR20	Pirelli Pirelli	P Zero P Zero	Paris BBS 5-spoke Alloy 20x9 2-piece Paris BBS 5-spoke Alloy 20x10 2-piece
2004	XKR Portfolio	(Front) 255/35ZR20 (Rear) 285/30ZR20	Pirelli Pirelli	P Zero P Zero	Detroit BBS 5-spoke Alloy 20x9 2-piece Detroit BBS 5-spoke Alloy 20x10 2-piece
<b><u>S-TYPE</u></b>					
1999-01	S-TYPE 3.0	(Option) 225/55HR16 94H 235/50ZR17 96Y	Bridgestone Pirelli	EL42 P Zero	Dynamic Cast Alloy 16x7.5 Sport Cast Alloy 17x8.0
1999-01	S-TYPE 4.0	(Option) 225/55HR16 94H 235/50ZR17 96Y	Bridgestone Pirelli	EL42 P Zero	Spirit Cast Alloy 16x7.5 Sport Cast Alloy 17x8.0
2001	(R Performance Option)	245/40ZR18 97Y	Pirelli	P Zero	Monaco 2-piece 18x8
2002-04	S-TYPE 3.0	225/55HR16 94H	Continental	CH95	Artemis Cast Alloy 16x7.5
2002-04	S-TYPE 4.2	235/50HR17	Michelin	Pilot HX MXM4	Kronos Cast Alloy 17x7.5
2002-04	(Sport Option)	235/50HR17	Michelin	Pilot HX MXM4	Herakles Cast Alloy 17x7.5
2002-03	(Performance Option)	245/40ZR18 97Y	Pirelli	P Zero A	Monaco 2-piece 18x8.0
2004	(R Performance Option)	245/40ZR18 97Y	Pirelli	P Zero A	Monaco 2-piece 18x8.0
	(Option)	245/40ZR18 97Y	Continental	ProContact	

<b>YEAR</b>	<b>MODEL / NOTE</b>	<b>TIRE SIZE</b>	<b>MFG.</b>	<b>TIRE</b>	<b>WHEEL</b>
<b><u>S-TYPE R</u></b>					
2002-04	S-TYPE 4.2R	(Front) 245/40ZR18 97Y (Rear) 275/35ZR18	Continental Continental	CSC1-R CSC1-R	Zeus Forged Alloy 18x8.0 Zeus Forged Alloy 18x9.5
<b><u>X-TYPE</u></b>					
2002-02.5	X-TYPE 2.5	205/55R16 91H	Continental	Conti Touring Contact	X-10 Cast Alloy 16x6.5
2002-02.5	X-TYPE 3.0	205/55R16 91H	Continental	ContiTouring Contact	X-5 Cast Alloy 16x6.5
2002		(Option) 225/45R17	Pirelli	P Zero A-Sport	X-10 Sport Cast Alloy 17x7.0
2002.5		(Option) 225/45R17	Continental	ContiSport Contact	X-10 Sport Cast Alloy 17x7.0
2003	X-TYPE 2.5	205/55R16 91H	Continental	ContiTouring Contact	X-10 Cast Alloy 16x6.5
2003	X-TYPE 3.0	225/45R17 91H	Continental	ContiTouring Contact	X-7 Flute Cast Alloy 17x7.0
		(Option) 225/45R17 91H	Continental	ContiTouring Contact	X-10 Sport Cast alloy 17x7.0
		(Option) 225/45R17 91H	Continental	ContiTouring Contact	X-Triple 5 Cast Alloy 17x7.0
	(R Performance Option)	225/40R18	Pirelli	P Zero Nero	Melbourne 2-piece 18x7.5
	(R Performance Option)	225/40R18	Pirelli	P Zero Nero	Indianapolis 2-piece 18x7.5
2004	X-TYPE 2.5	205/55R16 91H	Continental	ContiTouring Contact	Tobago Cast Alloy 16x6.5
2004	X-TYPE 3.0	225/45R17 91H	Continental	ContiTouring Contact	Cayman Forged Alloy 17x7.0
2004	X-TYPE 3.0 Sport	225/40R18	Pirelli	P Zero Nero	Aruba Forged Alloy 18x7.5
2004	(Option w/Sport)	225/45R17 91H	Continental	ContiTouring Contact	X-Ten Sport Cast Alloy 17x7.0
2004	X-TYPE 3.0 Luxury	225/45R17 91H	Continental	ContiTouring Contact	Andros Forged Alloy 17x7.0
2004	(R Performance Option)	225/40R18	Pirelli	P Zero Nero	Melbourne 2-piece 18x7.5



**(Notes below referring to tire judging exceptions will be moved to Chapter V or VI during the next revision.)**

**General:** Tires are considered expendable. Replacement tires must be the same (or equivalent) size and construction (bias/radial) as originally found on the car when delivered by the Jaguar factory or offered by Jaguar Cars as optional equipment. (See exceptions in Chapter VI). In order to ensure that the car will maintain the proper stance and original appearance, replacement tires must maintain the same aspect ratio as the OEM. The size molded into the tire will be accepted as proof of currently exhibited size (example: 6.40 x 15 or 185 x 15). Sidewall stripe color or width is currently optional. Universal Tire Company, Lancaster, PA, British Wire Wheel, Fresno, CA or Coker Tire, Chattanooga, TN are sources for hard to find tires.

**Notes:**

1. 4.75 x 18 tires deleted from manufacturer's listings in Oct.89.
2. 6.70 x 16 newly available from Dunlop.
3. In light of a Jaguar Service Bulletin, stating that 185 x 15 tires were a proper replacement for Series 1 E -type tires, delegates to the 1997 AGM voted that either 6.40 x 15 or 185 x 15 size tires would be considered authentic for Series 1 E -types. Further, that 185/70 x 15 tires, (purchased prior to 1997) shown on Series 2 E -types, would also be considered authentic.
4. During 1972-1974, the tire industry experienced near-chaos as it changed industry standards and nomenclature. The original equipment Dunlop ER7015VR is available through several manufacturers in either the original size or equivalent: P205/70VR15

**Acknowledgments:** Original list and sizes compiled by the Northwest Regional Jaguar Clubs. Footnote research by Ed Miller. The list was originally formatted for JCNA by Dick Howe. Additional vintage tyre information was provided by Phillip Pollock of Vintage Tyre Supplies Ltd., Middlesex, England. Updated and reformatted for the 1997 6th Reordered Edition. Tyre and wheel information listed after model year 2001 updated by Jaguar Cars. Reformatted and edited by Stew Cleave and Dick Cavicke, with the help of the JCRC, for Edition 8.1 per the 2004 AGM.

**TIRE SPEED RATINGS** (The following is provided courtesy of The Tire Rack [www.tirerack.com](http://www.tirerack.com))

Over the years, tire speed rating symbols have been marked on tires in one of the three ways shown in the following examples:

**225/50SR16; 225/50SR16 89S or 225/50R16 89S**

Early tires had their speed rating symbol shown "within" the tire size, such as **225/50SR16**. Tires using this designation were **not** to have been produced after 1991:

**225/50SR16** - 112 mph; **225/50HR16** - 130 mph; **225/50VR16** - in excess of 130 mph.

Beginning in 1991, the speed rating symbol denoting the fixed maximum speed capability was shown only in the speed rating portion of the tire's service description, such as **225/50R16 89S**. Common speed rating symbols, maximum speeds and typical applications are shown below:

<b>N</b> 87 mph, Temporary Spare Tires	<b>T</b> 118 mph, Family Sedans & Vans
<b>P</b> 93 mph	<b>U</b> 124 mph
<b>Q</b> 99 mph, Studless & Studdable Winter Tires	<b>H</b> 130 mph, Sport Sedans & Coupes
<b>R</b> 106 mph, H.D. Light Truck Tires	<b>V</b> 149 mph, 240 Sport Sedans, Coupes & Sports Cars
<b>S</b> 112 mph, Family Sedans & Vans	

When **Z**-speed rated tires were first introduced, they were thought to reflect the highest tire speed rating that would ever be required, in excess of 149 mph. While **Z**-speed rated tires are capable of speeds in excess of 149 mph, how far above 149 mph was not indicated. That ultimately caused the industry to add **W** and **Y** speed ratings to identify tires that met the needs of new vehicles that have extremely high top-speed capabilities:

**W** 168 mph, Exotic Sports Cars; **Y** 186 mph, Exotic Sports Cars.

While a **Z**-speed rating still often appears in the tire size designation, such as **225/50ZR16 91W**, the **Z** in the size signifies a maximum speed capability in excess of 149 mph; the **W** in the service description indicates the tire's 168 mph, maximum speed.

**225/50ZR16** in excess of 149 mph; **205/45ZR17 88W** 168 mph; **285/35ZR19 99Y** 186 mph.

Recently, when the **Y**-speed rating indicated in the service description is enclosed in parenthesis, such as **285/35ZR19 (99Y)**, the top speed of the tire has been tested in excess of 186 mph, indicated by the service description as shown below:

**285/35ZR19 99Y** 186 mph; **285/35ZR19 (99Y)** in excess of 186 mph.

## How to read a tire sidewall

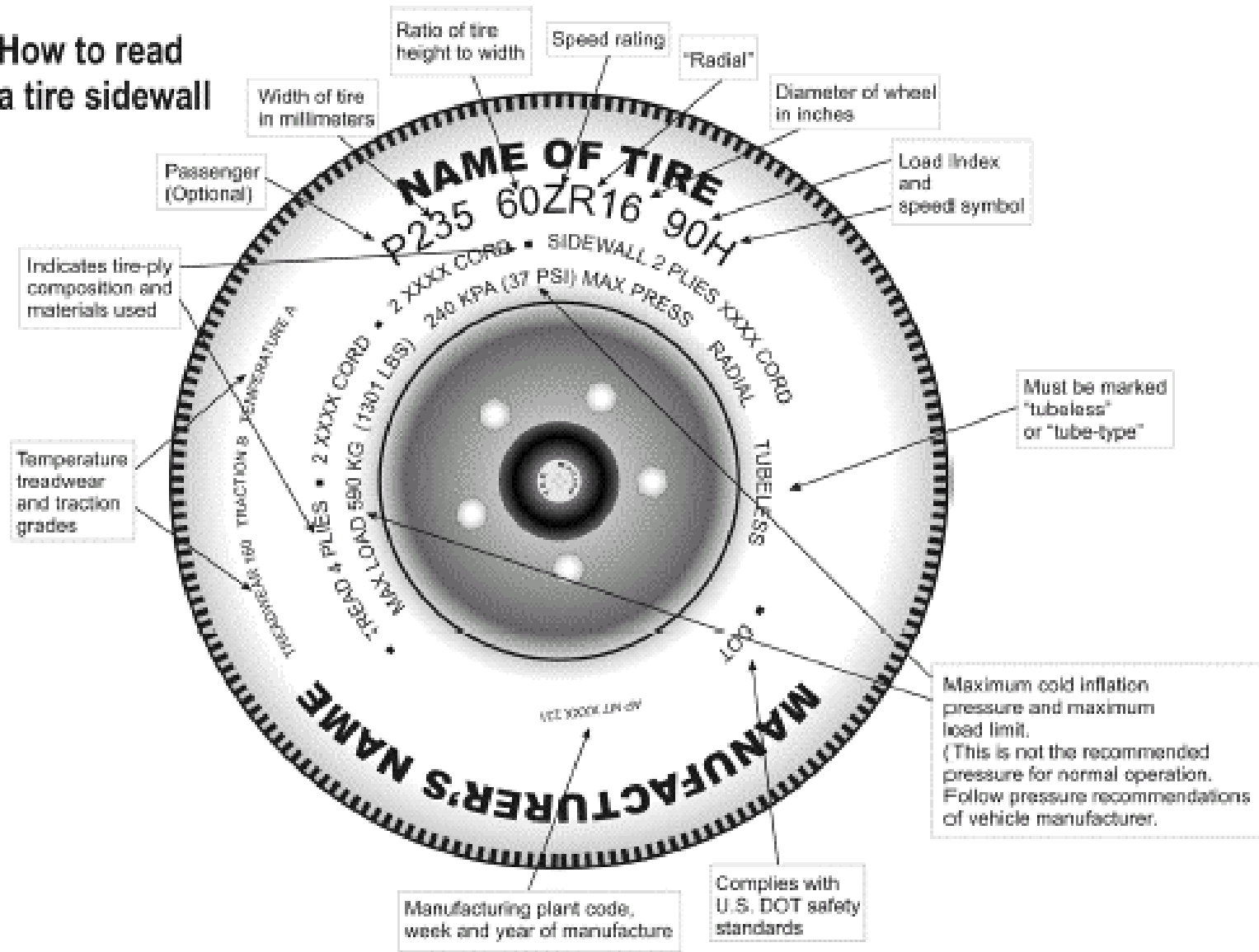


Image above provided by TC Kopke.