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BMW Motorcycle Operations

Service Bulletin

Subject: Approved Tires

This Service Information Bulletin supersedes Service Information Bulletin #2730 in Main Group #36. Please remove Bulletin #2730 from your SI Bulletin Book and destroy. All revisions or additions to the tire chart appear in bold-italic type.

Since the last tire chart was printed, the M/C Model range has expanded and the approved tire list has also grown.

Remember that specific tire information for approved tires, tire sizes, tread depth, air pressures, as well as speed limitations for each model BMW Motorcycle are found on the tire label affixed to the rear fender under the seat of all BMW Motorcycles. The Riders Manual also contains specific tire information.

Situation: BMW performs extensive tire tests to determine which tires are best suited for use on BMW motorcycles. Testing covers many areas such as wet and dry traction, stability, tread life, noise, and riding comfort, in addition to the basic requirement of load and speed ratings. The result of these tests determine which sizes, brands and types of tires will be approved for use on BMW Motorcycles.

Understandably, it is not logistically or economically feasible to test every brand and tire size on every BMW motorcycle.

Customer will often inquire about the suitability of a particular brand or type of tire for replacement on their motorcycle, or will experience problems after replacing the original tires with tires not on the approved list.

The attached listing has been prepared for your use when asked about recommended tires. When using this list, please bear in mind the list includes only those tires which have been tested and have been found to be suitable for use on the particular model.

Please initial and route to the following before filing							
Service	Parts	Sales	Warranty	Tech #1	Tech #2	Tech #3	Tech #4

If a particular brand or type of tire is not included under a model application, it does not necessarily mean that it does not meet BMW standards; it might simply be that it was not tested for that model application.

If a customer wishes to have a tire brand, or a tire size mounted on a wheel for their M/C, and that tire is not listed on the approved tire chart, the customer should be made aware that it is possible the tire may have characteristics that do not complement the vehicle, therefore BMW of North America, Inc. recommends you not install tires that are not on the attached "BMW Motorcycle Approved Tire Chart".

Very truly yours,

BMW of North America, Inc.



Frank Stevens
Manager - Motorcycle Operations
Motorcycle Group



Daniel E. Browning
Service Technical / Training Manager
Motorcycle Group

BMW MOTORCYCLE TIRE CHART

Model	Manufacturer	Front Tire Type	Rear Tire Type	Front Tire Size	Rear Tire Size
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K 75 C & K 75 up to 9/89	Michelin Michelin Metzeler 1 rider 2 rider 2 riders & luggage	Macadam 50 A 48/A 49 ME 33 = 2.0 Bar / 29 lb. = 2.3 Bar / 33 lb. = 2.5 Bar / 36 lb.	Macadam 50 M 48 ME 55 A Metronic = 2.5 Bar / 36 lb. = 2.9 Bar / 42 lb. = 2.9 Bar / 42 lb.	100/90-18 56 H TL 100/90 V 18 TL 100/90 V 18 TL	120/90-18 65 TL 130/90 V 17 TL 130/90 V 17 TL
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K 75 & K 75 RT from 9/89 on	Michelin Michelin Metzeler Pirelli Pirelli Pirelli 1 rider 2 rider 2 riders & luggage	A 48/A 49 Macadam 50 ME 33 ME 33 MT 29 Phantom-1 MT 69 Strada MT 59 = 2.2 Bar / 32 lb. = 2.5 Bar / 36 lb. = 2.5 Bar / 36 lb.	M 48 Macadam 50 ME 55 A Metronic ME 99 A MT 28 Phantom-1 MT 68 Strada MT 58 = 2.5 Bar / 36 lb. = 2.7 Bar / 39 lb. = 2.9 Bar / 42 lb.	100/90 V 18 TL 100/90-18 56 H TL 100/90 V 18 TL 100/90 V 18 TL 100/90 V-18 56 H TL 100/90 V 18 TL 100/90 V 18 TL 100/90 V 18 56 TL	130/90 V 17 TL 120/90-17 68 TL 130/90 V 17 TL 130/90 V 17 68 TL 130/90 V 17 TL 130/90 V 17 TL 130/90 V 17 68 TL
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K 75 S	Pirelli Michelin Michelin Metzeler Metzeler 1 rider 2 rider 2 riders & luggage	MT 29 Phantom-1 Macadam 50 A 48/A 49 ME 33 ME 33 = 2.0 Bar / 29 lb. = 2.3 Bar / 33 lb. = 2.5 Bar / 36 lb.	MT 28 Phantom-1 Macadam 50 M 48 ME 55 A Metronic ME 99 A = 2.5 Bar / 36 lb. = 2.9 Bar / 42 lb. = 2.9 Bar / 42 lb.	100/90 V 18 TL 100/90-18 56 H TL 100/90 V 18 TL 100/90 V 18 TL 100/90 V 18 TL 100/90 V-18 56 H TL	130/90 V 17 TL 120/90-17 68 TL 130/90 V 17 TL 130/90 V 17 TL 130/90 V 17 TL 130/90-17 68 H TL
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K 100 2 valve	Pirelli Michelin Metzeler 1 rider 2 rider 2 riders & luggage	MT 29 Macadam 50 A 48/A 49 ME 33 = 2.0 Bar / 29 lb. = 2.3 Bar / 33 lb. = 2.5 Bar / 36 lb.	MT 28 Macadam 50 M 48 ME 55 A Metronic = 2.5 Bar / 36 lb. = 2.9 Bar / 42 lb. = 2.9 Bar / 42 lb.	100/90 V 18 TL 100/90 V 18 56 TL 100/90 V 18 TL 100/90 V 18 TL	130/90 V 17 TL 130/90-V 17 68 TL 130/90 V 17 TL 130/90 V 17 TL
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Note: Please refer to the tire label under the M/C seat for specific tire information.

TT = tube type

TL = tubeless

BMW MOTORCYCLE TIRE CHART

Model	Manufacturer	Front Tire Type	Rear Tire Type	Front Tire Size	Rear Tire Size
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<p>K 100 RT & LT 2 valve</p>	<p>Pirelli Pirelli Pirelli Michelin Michelin Metzeler</p>	<p>MT 29 09 Match from DOT 113 09 Match Macadam 50 A 48/A 49 ME 33</p>	<p>MT 28 MT 08 Match from DOT 482 MT 08 Match from DOT 482 Macadam 50 M 48 ME 55 A Metronic</p>	<p>100/90 V 18 110/80 VB 18 110/80 V 18 100/90-V 18 56 100/90 V 18 100/90 V 18</p>	<p>130/90 V 17 140/80 VB 17 140/80 VB 17 130/90-V 17 68 130/90 V 17 130/90 V 17</p>
	<p>1 rider 2 rider 2 riders & luggage</p>	<p>V rated tires only = 2.2 Bar / 31 lb. = 2.2 Bar / 31 lb. = 2.7 Bar / 39 lb.</p>	<p>VR rated tires only = 2.5 Bar / 37 lb. = 2.5 Bar / 37 lb. = 3.0 Bar / 43.5 lb.</p>		

<p>K 100 RS 2 valve</p>	<p>Pirelli Pirelli Pirelli Michelin Michelin Metzeler Bridgestone</p>	<p>MT 29 09 Match 09 Match Macadam 50 A 48/A 49 ME 33 Battlax BT 53 F</p>	<p>MT 28 MT 08 Match from DOT 482 MT 08 Match from DOT 482 Macadam 50 M 48 ME 55 A Metronic Battlax BT 53 F</p>	<p>100/90 V 18 110/80 VB 18 110/80 V 18 100/90-V18 56 100/90 V 18 100/90 V 18 100/90 VR 18</p>	<p>130/90 V 17 140/80 VB 17 140/80 VB 17 140/80 VB 17 130/90-V17 68 130/90 V 17 130/90 V 17 140/80 VR 17</p>
	<p>1 rider 2 rider 2 riders & luggage</p>	<p>V rated tires only = 2.2 Bar / 31 lb. = 2.2 Bar / 31 lb. = 2.7 Bar / 39 lb.</p>	<p>V rated tires only = 2.5 Bar / 36 lb. = 2.9 Bar / 42 lb. = 2.9 Bar / 42 lb.</p>		

<p>K 1 & K 100 RS 4 valve 1990 on</p>	<p>Michelin Dunlop Bridgestone Bridgestone Bridgestone</p>	<p>A 59 XTL K 455 FG Battlax BT 53 F Battlax BT 50 F Battlax BT 54 F</p>	<p>M 59 XTL K 455 A Battlax BT 53 R Battlax BT 50 R Battlax BT 54 R</p>	<p>120/70 ZR 17 120/70 VR 17 120/70 ZR 17 120/70 ZR 17 120/70 ZR 17</p>	<p>160/60 ZR 18 160/60 VR 18 160/60 ZR 18 160/60 ZR 18 160/60 ZR 18</p>
	<p>1 rider 2 rider 2 riders & luggage</p>	<p>= 2.2 Bar / 32 lb. = 2.5 Bar / 36 lb. = 2.5 Bar / 36 lb.</p>	<p>= 2.5 Bar / 36 lb. = 2.7 Bar / 39 lb. = 2.9 Bar / 42 lb.</p>		

Note: Please refer to the tire label under the M/C seat for specific tire information. TT = tube type TL = tubeless

BMW MOTORCYCLE TIRE CHART

Model	Manufacturer	Front Tire Type	Rear Tire Type	Front Tire Size	Rear Tire Size
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K 1100 LT	Pirelli	MT 09 Match TL <small>from DOT 113</small> MT 08 Match TL <small>from DOT 482</small>		110/80 VB 18 TL	140/80 VB 17 TL
	Michelin	Macadam 50	ME 55 A	110/80 V 18 58 TL	140/80 V 17 69 TL
	Metzeler	ME 33	ME 55 A	110/80 V 18 TL	140/80 VB 17 V240 TL
		1 rider 2 rider 2 riders & luggage	= 2.2 Bar / 32 lb. = 2.4 Bar / 34.8 lb. = 2.7 Bar / 39 lb.	= 2.5 Bar / 36 lb. = 2.7 Bar / 39 lb. = 2.9 Bar / 42 lb.	

K 1100 RS	Michelin	A 89 X <small>from DOT 424</small>	M 89 X	120/70 ZR 17 TL	160/60 ZR 18 TL
	Bridgestone	Battlax BT 53 F	Battlax BT 53 R	120/70 ZR 17 TL	160/80 VR 18 TL
	Bridgestone	Battlax BT 54 F	Battlax BT 54 R	120/70 ZR 17 TL	160/60 VR 18 TL
	Bridgestone	Battlax BT 50 F	Battlax BT 50 R	120/70 ZR 17 TL	160/60 ZR 18 TL
	Metzeler	ME Z1	ME Z2 <small>from DOT 363</small>	120/70 ZR 17 TL	160/60 ZR 18 TL
	Dunlop	Sportmax A	Sportmax <small>(abandoned)</small>	120/70 ZR 17 TL	160/60 ZR 18 TL
		1 rider	= 2.2 Bar / 32 lb.		
		2 rider	= 2.4 Bar / 34.8 lb.		
		2 riders & luggage	= 2.7 Bar / 39 lb.		

R 1100 RS	Dunlop	Sportmax A	Sportmax A <small>from DOT 013</small>	120/70 ZR 17 TL	160/60 ZR 18 TL
	Bridgestone	Battlax BT 50 F	Battlax BT 50 R	120/70 ZR 17 TL	160/60 ZR 18 TL
	Bridgestone	Battlax BT 54 F	Battlax BT 54 R	120/70 ZR 17 TL	160/60 ZR 18 TL
	Metzeler	ME Z1	ME Z2 <small>from DOT 363</small>	120/70 ZR 17 TL	160/60 ZR 18 TL
	Michelin	A 89 X <small>from DOT eaM 89 X</small>	ME Z2 <small>from DOT 363</small>	120/70 ZR 17 TL	160/60 ZR 18 TL
		1 rider	= 2.2 Bar / 32 lb.		
		2 rider	= 2.5 Bar / 36 lb.		
		2 riders & luggage	= 2.7 Bar / 39 lb. = 2.9 Bar / 42 lb.		

R 1100 GS	Michelin	T 66	T 66 X	110/80 R19 H TL	150/70 R 17 H TL
	Metzeler	Enduro 4	Enduro 4	110/80 R19 H TL	150/70 R 17 H TL
	Dunlop	Trailmax D 604 F	Trailmax D 604	110/80 R19 H TL	150/70 R 17 H TL
	Bridgestone	TW 101	TW 152	110/80 R19 H TL	150/70 R 17 H TL
	Continental	Enduro PRO CC160	Enduro PRO CC160	110/80 R19 H TL	150/70 R 17 H TL
		TKC 80	TKC 80	110/80 R19 H TL	150/70 R 17 H TL
	1 rider 2 rider 2 riders & luggage	= 2.2 Bar / 32 lb.	= 2.5 Bar / 36 lb.		
		= 2.5 Bar / 36 lb.	= 2.7 Bar / 39 lb.		
		= 2.5 Bar / 36 lb.	= 2.9 Bar / 42 lb.		

Note: Please refer to the tire label under the M/C seat for specific tire information. TT = tube type TL = tubeless

BMW MOTORCYCLE TIRE CHART

Model Manufacturer Front Tire Type Rear Tire Type Front Tire Size Rear Tire Size

F 650	Pirelli Michelin Metzeler Bridgestone	MT 60 (ab DOT 184) T 66 Enduro 4 (ab DOT 364) TW 101 = 1.8 Bar / 26 lb. = 1.8 Bar / 26 lb.	MT 60 T 66 X Enduro 4 (ab DOT 364) TW 152 = 1.9 Bar / 27.5 lb. = 2.5 Bar / 36 lb.	100/90 19 57S TT 100/90 19 57H TT 100/90 19 57S TT 100/90 19 57H TT	130/80 17 65 S TT 130/80 17 65 H TT 130/80 17 65 S TT 130/80 17 65 H TT
F 650 ST	Metzeler	ME 33 = 1.8 Bar / 26 lb. = 1.8 Bar / 26 lb.	ME Z2 = 1.9 Bar / 27.5 lb. = 2.5 Bar / 36 lb.	100/90-18 56 H TT	130/80R-17 65 H TT
R 1100 R & R 850 R	Cast Wheel Bridgestone Bridgestone Michelin Pirelli Dunlop Metzeler	Battlax BT 50 F Battlax BT 54 F A 89 X <small>from DOT 424</small> MTR 03 Sportmax A ME Z1 = 2.2 Bar / 32 lb. = 2.5 Bar / 36 lb. = 2.5 Bar / 36 lb.	Battlax BT 50 R Battlax BT 54 R M 89 X MTR 04 Sportmax A <small>from DOT 013</small> ME Z2 <small>from DOT 364</small> = 2.5 Bar / 36 lb. = 2.7 Bar / 39 lb. = 2.9 Bar / 42 lb.	Front = MT H2 120/70 ZR 17 TL 120/70 ZR 17 TL 120/70 ZR 17 TL 120/70 ZR 17 TL 120/70 ZR 17 TL 120/70 ZR 17 TL	Rear = MT H2 160/60 ZR 18 TL 160/60 ZR 18 TL 160/60 ZR 18 TL 160/60 ZR 18 TL 160/60 ZR 18 TL 160/60 ZR 18 TL
R 1100 R & R 850 R	Spoke Wheel Metzeler Pirelli	ME Z1 MTR 03 = 2.5 Bar / 32 lb. = 2.5 Bar / 36 lb.	ME Z2 MTR 04 = 2.5 Bar / 36 lb. = 2.7 Bar / 39 lb. = 2.9 Bar / 42 lb.	Front = MT H2 110/80 ZR 18 TL 110/80 ZR 18 TL	Rear = MT H2 150/70 ZR 17 TL 150/70 ZR 17 TL

Note: Please refer to the tire label under the M/C seat for specific tire information. TT = tube type TL = tubeless

BMW MOTORCYCLE TIRE CHART

Model	Front Tire Type		Rear Tire Type		Front Tire Size		Rear Tire Size	
	Manufacturer	Type	Manufacturer	Type	Size	Size	Size	Size
R1100 RT	Bridgestone <i>Bridgestone</i> Metzeler Dunlop Pirelli	Battlax BT 54 F <i>Battlax BT 50 F</i> ME Z2 Sportmax A MTR 03 = 2.2 Bar / 32 lb. = 2.5 Bar / 36 lb. = 2.5 Bar / 36 lb.	Battlax BT 54 R <i>Battlax BT 50 R</i> ME Z2 from DOT 93 Sportmax T.L. from DOT 013 MTR 04 = 2.5 Bar / 36 lb. = 2.7 Bar / 39 lb. = 2.7 Bar / 42 lb.		120/70 ZR 17 <i>120/70 ZR 17</i> 120/70 ZR 17 120/70 ZR 17 120/70 ZR 17	TL <i>TL</i> TL TL TL	160/60 ZR 18 <i>160/60 ZR 18</i> 160/60 ZR 18 160/60 ZR 18 160/60 ZR 18	TL <i>TL</i> TL TL TL
R 100 R, R 100 M, & R 80	Metzeler Metzeler Metzeler Michelin	ME 33 ME 33 Comp K ME 33 <i>Macadam 50</i> = 2.2 Bar / 32 lb. = 2.5 Bar / 36 lb. = 2.5 Bar / 36 lb.	ME 55 A V 240 ME 1 Comp K V 250 ME 55 A V 240 <i>Macadam 50</i> = 2.5 Bar / 36 lb. = 2.7 Bar / 39 lb. = 2.9 Bar / 42 lb.	110/80 V 18 110/80 V 18 110/80-18 58 H <i>110/80 V 18 58</i>	TL TL TL TL	140/80 VB 17 140/80 VB 17 130/80-17 65 H <i>140/80 V 17 69</i>	TL TL TL TL	
R 80 RT & R 65	Continental Continental Michelin Metzeler Metzeler	TK V 11 TK 22 A RC A 48/A49 ME 11 A ME 33 = 2.3 Bar / 32 lb. = 2.4 Bar / 34.8 lb.	TK V 12 TK 44 A RC M48 ME 55 A Metronic ME 55 A Metronic = 2.3 Bar / 36 lb. = 2.9 Bar / 42 lb.	90/90-18 51 H 90/90-18 51 H 90/90-18 51 H 90/90-18 51 H 90/90-18 51 H	TL TL TL TL TL	120/90-18 65 120/90-18 65 120/90-18 65 120/90-18 65 120/90-18 65	TL TL TL TL TL	
R 80 GS up to 88	Continental Michelin Michelin Metzeler Dunlop	TKC 60 T 61 T 61 Enduro I Enduro I K 650 = 2.2 Bar / 32 lb. = 2.4 Bar / 34.8 lb.	TKC 70 T 61 T 61 Enduro II Enduro II K 650 = 2.5 Bar / 36 lb. = 2.9 Bar / 42 lb.	3.00-21 48 R 3.00-21 48 R 90/90-21 54 S 3.00-21 48 R 90/90-21 54 T 3.00 S 21	TT TT TT TT TT TT	4.00-18 65 R 4.00-18 65 R 4.00-18 65 R 4.00-18 65 R 4.00-18 65 R 4.00 S 18	TT TT TT TT TT TT	

Note: Please refer to the tire label under the M/C seat for specific tire information.

TT = tube type TL = tubeless

BMW MOTORCYCLE TIRE CHART

Model	Front Tire Type		Front Tire Size		Rear Tire Size	
	Manufacturer	Type	Manufacturer	Type	Manufacturer	Type
R 100 GS 88 on	Metzeler	Enduro III	Enduro III			
	Michelin	T 66	T66 X	90/90-21 54 T	TL	130/80-17 65 T TL
	Bridgestone	TW 47 = 2.2 Bar / 32 lb. = 2.4 Bar / 34.8 lb.	TW 48 = 2.5 Bar / 36 lb. = 2.9 Bar / 42 lb.	90/90-21 H TL 90/90-21 H TL	TL TL	130/80 R-17 H TL 130/80-17 H TL
R 100 RS 86 on	Continental	TK V 11	TK V 12	90/90-18 51 H TL	TL	120/90-18 65 H TL
	Michelin	A 48/A 49	M 48	90/90-18 51 H TL	TL	120/90-18 65 H TL
	Metzeler	ME 11 A = 2.2 Bar / 32 lb. = 2.4 Bar / 34.8 lb.	ME 55 A Metronic = 2.5 Bar / 36 lb. = 2.9 Bar / 42 lb.	90/90-18 51 H TL	TL	120/90-18 65 H TL
R 100 RT 85 on	Continental	TK V 11	TK V 12	90/90-18 51 H TL	TL	120/90-18 65 H TL
	Michelin	A 48/A 49	M 48	90/90-18 51 H TL	TL	120/90-18 65 H TL
	Metzeler	ME 11 A ME 33 = 2.2 Bar / 32 lb. = 2.4 Bar / 34.8 lb.	ME 55 A Metronic = 2.5 Bar / 36 lb. = 2.9 Bar / 42 lb.	90/90-18 51 H TL 90/90-18 51 H TL	TL TL	120/90-18 65 H TL 120/90-18 65 H TL

Tirechart3

Note: Please refer to the tire label under the M/C seat for specific tire information. TT = tube type TL = tubeless