

SUMITOMO Tire Limited Warranty

1. Tires Covered by This Warranty.

This limited warranty applies to SUMITOMO brand steel belted radial passenger car and light truck/SUV tires bearing the complete description and serial number as required by the DOT. This warranty applies only to tires purchased after January 1, 2010. Tires purchased before that date are subject to previous published warranties.

2. What is Warranted and For How Long.

This warranty is effective only for tires for which claims are made within six years of retail purchase, as indicated by an original copy of the consumer invoice.

A. Material and Workmanship Warranty. Every SUMITOMO brand radial tire is warranted against defects in workmanship and materials for the life of the original useable tread. The original useable tread is defined as the total original tread depth less 2/32". Tires with 2/32" or less remaining tread depth in any groove are considered worn out by the U.S. Department of Transportation. Tires adjusted under the terms of this warranty will be replaced at the current retail price less the percentage of the original useable tread remaining on the tire.

Exceptions:

A SUMITOMO tire that becomes unserviceable due to a defect in workmanship or materials within the first 2/32" of tread wear will be replaced free of charge with a comparable SUMITOMO tire. Tire uniformity claims will be accepted for adjustment only during the first 1/32" of the original tread depth. Such tires will be replaced free of charge with a comparable SUMITOMO tire. A set of four (4) tires from the same vehicle will not be accepted for out-of-round or out-of-balance claims unless the non-uniformity of all tires is verified by the tire dealer.

Any HTR ZIII, HTR A/S P01, HTR T4 or LS T/H/V that becomes unserviceable due to a defect in workmanship and materials during the life of the original useable tread will be replaced free of charge.

Any HTRZ II, HTRZ, HTR Sport HP or HTR200 tire that becomes unserviceable due to a defect in workmanship or materials during the first 50% of the original useable tread will be replaced free of charge. During the second 50% of the original useable tread such tires will be replaced on a pro rated basis if removed from service only due to workmanship related defects.

Any labor, balancing or disposal charges related to the replacement of a tire under the terms of this warranty are the tire owner's responsibility.

B. Mileage Warranty.

The following SUMITOMO tires are warranted to achieve mileage as noted before becoming worn out at 2/32" remaining tread depth in any groove:

HTR A/S P01 (60/65 Series)	65,000 miles
HTR A/S P01 (55/50/45/40 Series)	40,000 miles
HTR T4	75,000 miles
Touring LST	85,000 miles
Touring LS H/V	65,000 miles

Example: If an HTR T4 tire has reached a depth of 2/32" in any groove, and the total mileage is 45,000 miles, a credit of 40% of the current retail price will be applied to the purchase of another HTR T4 replacement tire. This mileage warranty is effective for normal highway use when all the Owner's Obligations listed in Section 4 are met. The mileage warranty is void for tires used in off-highway service. It does not apply to any SUMITOMO brand tire except HTR A/S P01 and HTR T4, tires that cannot be rotated, such as staggered fitments, or any tire described in Section 3. What is Not Covered (Exclusions). A cash refund will not be given in lieu of credit toward the purchase of a comparable SUMITOMO brand tire to replace the worn tire.

C. Limited Road Hazard Free Repair or Replacement Warranty: Any Sumitomo Touring LS T/H/V that becomes unserviceable within one (1) year of the purchase date or within the first 2/32nds of an inch of treadwear due to a normal road hazard condition will be repaired or replaced free of charge (subject to the General Conditions and Limitations). The term "road hazard" does not include sidewall damage from scuffing curbs.

3. What is Not Covered (Exclusions).

- Unserviceability due to road hazards (cuts, snags, punctures, bruises, impact breaks, etc.) improper inflation, overload, irregular wear, wheel imbalance, defective vehicle mechanical components (i.e., brakes, shocks, rims) improper suspension alignment, accident, fire, theft, chemical damage, chain damage, racing, off-road use, run flat, improper installation, vandalism, or abuse.
- Tires on any vehicles registered and normally used outside the United States and Canada.
- Tires branded "Blemish", "NA" or having the DOT number removed OR disfigured.
- Any tire that has been altered to improve traction or uniformity.
- Tires presented for warranty claim by other than the original purchaser. This warranty is not transferable.
- Tires transferred to another vehicle from the one upon which they were originally installed.
- A tire whose failure is related to any previous damages and/or repairs.
- Any cost of tire repair or retreading is not covered by this warranty and will be borne solely by the tire owner.
- The Mileage Warranty is not applicable if tires are used in commercial service, have premature or irregular wear due to abusive service or defective vehicle mechanical conditions. Abusive service includes off road use, mountain road driving, racing, or passenger car tires on pick-up, recreational or utility vehicles.

4. Owner's Obligations.

- At the time of purchase, the tire(s) must be properly installed, balanced, and air pressure set to the vehicle manufacturer's recommendation. At least monthly the owner must check air pressure (when tires are cool) with an accurate air gauge and reinflate to recommended level. Tires must be rotated every 6,000 miles, and the proof of compliance must be recorded on the Warranty Card.
- All warranty claims must be presented to an authorized SUMITOMO Tire dealer.
- You must present your Warranty Card verifying mileage, rotation, proof of date and place of purchase, to make a Mileage Warranty claim. The name of the SUMITOMO dealer from whom the tires were purchased must be included on the form.
- You must pay any costs for mount.

5. Legal Rights.

ANY IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED IN DURATION TO THE ABOVE PERIOD. TO THE EXTENT PERMITTED BY LAW, SUMITOMO TIRE SHALL NOT BE RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, SUCH AS LOSS OF USE OF THE TIRE OR THE VEHICLE ON WHICH IT IS USED, INCONVENIENCE, OR COMMERCIAL LOSS. SOME STATES DO NOT ALLOW LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS, OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS LIMITED WARRANTY FOR SUMITOMO BRAND TIRES GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE. THIS IS THE ONLY EXPRESS WARRANTY APPLICABLE TO SUMITOMO BRAND TIRES, AND IT SUPERSEDES THE TERMS OF ANY PREVIOUS WARRANTY. SUMITOMO NEITHER ASSUMES, NOR AUTHORIZES ANYONE TO ASSUME FOR IT, ANY OTHER WARRANTY.

Plus Sizing Guidelines

When considering a plus size application for a vehicle, parameters include the Original Equipment Tire Size, Speed Rating, Load Capability, Inflation Pressures, Outside Diameter (Overall Tire Diameter), and Revolutions Per Mile, as well as the space limitations of the vehicle wheel well. The plus size changeover may be for looks or for performance enhancements. In either case, lower profile tires which have wider section widths, as well as higher performance tires, normally will increase steering response and overall cornering grip since the tire footprint shape (contact patch) is usually wider and shorter than the Original Equipment tire's contact patch. To ensure proper vehicle operation, the following guidelines may be considered in relation to the original equipment tire and wheel package:

OVERALL DIAMETER - Within 2% of the original equipment fitment; optimal is within 1% and usually the shorter is better for stability, turning, acceleration, and braking.

LOAD AND INFLATION - Ensure the load carrying capacity for the vehicle is not reduced with the new tires and wheels. Calculate the new minimum inflation pressure to maintain the load equal to or greater than the Original Equipment tire and inform the consumer of the adjusted minimum inflation pressures.

SPEED RATING - Using equal or higher speed rated tires ensures that durability standards and performance characteristics are not diminished.

RIM WIDTH AND OFFSET - Ensure the rim width is within the rim range for the selected tire size. Also maintain the offset of the original equipment tire and wheel package. **Tire and Wheel Weight** - The combined weight of the new tire and wheel package should be near the Original Equipment weight. Increased weight affects the shocks, springs and brakes, as well as other suspension components.

TIRE AND WHEEL WEIGHT - The combined weight of the new tire and wheel package should be near the Original Equipment weight. Increased weight affects the shocks, springs and brakes, as well as other suspension components.

SAFETY WARNING - SUMITOMO TIRE DOES NOT RECOMMEND ANY PLUS FITMENT THAT HAS A LOWER LOAD INDEX THAN THE ORIGINAL EQUIPMENT TIRES. FAILURE TO FOLLOW PUBLISHED LOAD AND INFLATION SPECIFICATIONS IS VERY DANGEROUS.

NOTE: Low profile Sport Truck /SUV tires are sensitive to cracking when under-inflated or overloaded due to the low sidewall height and relatively stiffer sidewalls. During use, an over-flexed tire will often start cracking on the outer sidewall early in the tire life. Sumitomo Tire recommends you do not sell a 'plus' fitment size that has a lower load index than the original equipment tire. Any tires showing evidence of under-inflation, overloading, or are of inadequate load carrying capacity for the tires replaced will not qualify for warranty coverage. Shoulder wear and/or several lines (wrinkles) on the middle inner liner are common indications of under-inflation or overloading.

Clearance

Since Plus Sized Tires and Wheels are usually wider than original, consideration must be given to wheel well space and any potential interference with suspension, chassis, or bodywork. The new tire and wheel package must have ample clearance to avoid the possibility of contacting another component of the vehicle through turns, dips, and bumps. Tire deflection, lock-to-lock steering, jounce, and rebound all must be considered.

Brakes

Concern for increased weight of the wheel and tire package must focus on the performance range of the braking system. As the rim diameter increases and the tire widths increase, the weight is concentrated farther out on the lever arm in a rotational mass, which increases the stress on the brakes (or decreases their effectiveness). Also of concern is the overall weight of the tire and wheel and the effect on the braking system. Consideration must be given to upgrading the braking system to maintain braking capability within operational limits.

Electronics

Since the ABS, ECS, engine management systems, speedometer, odometer, transmission shift points, speed control system, and inflation warning systems use information based on the revolutions per mile of the tire, attention must be given to maintaining a tire RPM close to the original design. Staying within 1% is optimal. Vehicle dealers should be contacted to reset the electronic codes for affected electronics.

Of special concern is any tire inflation warning system that may need recalibrating after a Plus Application. Air pressure is critical for optimum tire performance and tire safety. Clearance for the monitors within the tire cavity may also be of concern. As the air cavity reduces in height, the clearance to the monitors may be reduced and therefore may be more vulnerable to road impact damage, as well as damage during tire installation. Location (distance from the hub) may or may not affect the monitors' performance. Contact the vehicle manufacturer for clarification.

Alignment

Since the shape of the tire footprint has been altered (normally shorter and wider than OE) there may be a need to modify or restrict the range of the static wheel alignment within the factory specifications. When plus sizing, be aware that the new tire's footprint shape may require an alignment arrangement which minimizes scrub and/or camber thrust.

Load Inflation Table

Table Based on ETRTO Data
Load (LBS) & Inflation (PSI)

	PSI										
Index	26	27	28	29	30	31	32	33	34	35	36
80	757	778	806	826	847	875	895	916	937	964	992
81	779	799	829	848	869	897	917	938	958	986	1,019
82	801	821	851	871	901	931	951	970	991	1,020	1,047
83	823	842	874	893	923	954	973	992	1,012	1,042	1,074
84	845	864	896	926	945	976	995	1,025	1,044	1,075	1,102
85	967	896	930	948	977	1,010	1,028	1,047	1,077	1,108	1,135
86	900	918	952	981	999	1,032	1,061	1,080	1,109	1,142	1,168
87	922	950	986	1,003	1,031	1,066	1,083	1,112	1,130	1,164	1,202
88	944	972	1,008	1,036	1,053	1,088	1,116	1,145	1,163	1,197	1,235
89	977	1,004	1,042	1,069	1,097	1,133	1,161	1,189	1,206	1,241	1,279
90	1,010	1,037	1,075	1,102	1,129	1,167	1,194	1,221	1,249	1,286	1,323
91	1,043	1,069	1,109	1,135	1,162	1,200	1,227	1,254	1,281	1,319	1,356
92	1,065	1,091	1,131	1,157	1,194	1,232	1,260	1,287	1,314	1,352	1,389
93	1,098	1,123	1,165	1,201	1,227	1,265	1,293	1,330	1,357	1,396	1,433
94	1,131	1,166	1,209	1,234	1,270	1,313	1,338	1,363	1,400	1,441	1,477
95	1,164	1,199	1,243	1,267	1,303	1,346	1,382	1,407	1,443	1,485	1,521
96	1,196	1,231	1,277	1,311	1,346	1,391	1,415	1,450	1,475	1,518	1,565
97	1,229	1,263	1,310	1,344	1,379	1,425	1,459	1,494	1,518	1,563	1,609
98	1,262	1,296	1,344	1,377	1,411	1,458	1,492	1,527	1,561	1,607	1,653
99	1,306	1,339	1,389	1,432	1,466	1,514	1,548	1,581	1,615	1,662	1,709
100	1,350	1,382	1,433	1,477	1,509	1,559	1,592	1,636	1,669	1,718	1,764
101	1,394	1,425	1,478	1,521	1,563	1,615	1,647	1,679	1,723	1,773	1,819
102	1,438	1,469	1,523	1,565	1,607	1,660	1,691	1,734	1,776	1,829	1,874
103	1,482	1,523	1,579	1,609	1,650	1,705	1,747	1,788	1,820	1,873	1,929
104	1,515	1,566	1,624	1,664	1,704	1,761	1,802	1,832	1,873	1,928	1,984
105	1,559	1,609	1,669	1,708	1,748	1,806	1,846	1,886	1,927	1,984	2,039
106	1,603	1,652	1,713	1,752	1,791	1,851	1,901	1,941	1,981	2,039	2,094
107	1,646	1,695	1,758	1,796	1,846	1,907	1,946	1,985	2,035	2,095	2,149
108	1,690	1,739	1,803	1,840	1,889	1,952	2,001	2,039	2,089	2,150	2,205
109	1,734	1,782	1,848	1,895	1,943	2,008	2,056	2,104	2,143	2,206	2,271
110	1,789	1,836	1,904	1,950	1,998	2,064	2,111	2,159	2,207	2,272	2,337
111	1,844	1,890	1,960	2,005	2,063	2,131	2,178	2,224	2,272	2,339	2,403
112	1,888	1,944	2,016	2,061	2,117	2,188	2,233	2,290	2,336	2,405	2,469
113	1,943	1,998	2,072	2,116	2,171	2,244	2,299	2,344	2,401	2,472	2,535
114	1,987	2,041	2,117	2,171	2,226	2,300	2,355	2,410	2,455	2,527	2,601
115	2,053	2,106	2,184	2,237	2,291	2,367	2,421	2,475	2,530	2,605	2,679
116	2,107	2,171	2,251	2,303	2,356	2,434	2,498	2,552	2,605	2,682	2,756
117	2,173	2,225	2,307	2,369	2,432	2,513	2,565	2,617	2,681	2,760	2,833
118	2,228	2,289	2,374	2,435	2,497	2,580	2,631	2,693	2,756	2,837	2,910
119	2,294	2,354	2,441	2,512	2,573	2,659	2,719	2,770	2,832	2,915	2,998
120	2,360	2,430	2,520	2,578	2,649	2,737	2,797	2,857	2,918	3,004	3,086

Air Pressure - PSI

NOTE: "REINFORCED" TIRES REQUIRE 6 PSI ADDED TO CARRY THE SAME LOADS AS "STANDARD" TIRES.