

# REPLACEMENT EQUIPMENT WARRANTY POLICIES

## CONSUMER LIMITED WARRANTY FOR KUMHO & MARSHAL BRAND PASSENGER & LIGHT TRUCK REPLACEMENT EQUIPMENT TIRES

### I. WHAT IS WARRANTED AND WHO IS ELIGIBLE UNDER THIS WARRANTY

Kumho Tire USA, Inc. 10299 6th Street, Rancho Cucamonga, California 91730, warrants to the original consumer purchaser that all Kumho replacement radial tires, either directly or through an authorized Kumho dealer, and which are mounted on cars within the United States and become unserviceable for any reason within the manufacturer's control, will be replaced with an equivalent Kumho tire.

### WHAT IS COVERED BY THE WARRANTY AND FOR HOW LONG

Should any tire manufactured by Kumho Tire Co., Inc. covered by this warranty become unserviceable due to a material or workmanship condition during its usable tread life (more than 2/32" remaining tread) before 6 years from the date of manufacture or purchase date supported with proof of purchase for every passenger and light truck tire (whichever comes first), and before 5 years (6 years for KLS02e, KLD01e, and KLT02e patterns) from the date of manufacture or purchase date for commercial truck tires (whichever comes first), Kumho will do either of the following:

- A. During the first 2/32" of the original usable tread, Kumho will replace such tire with a comparable new Kumho or Marshal tire free of charge. Applicable taxes on the new tire and costs of mounting and balancing service are payable by the owner.
- B. After the first 2/32" of the original usable tread, a credit will be given toward the purchase of a comparable new Kumho or Marshal tire to the original usable tread of the new tire. Applicable taxes on the new tire and costs of mounting and balancing service are payable by the owner.

To obtain the credit percentage, please refer to the Adjustment Credit Percentage Table on page 5 or utilize the following example:

RTD = Remaining Tread Depth  
OTD = Original Tread Depth

If RTD = 5/32" = 5 and OTD = 10/32" = 10,  
the calculation is:

$$\frac{\text{Remaining Usable Tread Depth (5-2)}}{\text{Original Usable Tread Depth (10-2)}} = \frac{3}{8} = .375 = 38\%$$

#### C. Temporary Spare Tire

During the first 1/32" of the original usable tread, Kumho will replace such temporary tire with a comparable new Kumho temporary tire free of charge. After the first 1/32" of the original usable tread, but less than 2/32", a credit of 50% toward a comparable new Kumho temporary tire will be given.

Applicable taxes and costs of mounting and balancing services are payable by the owner.

- D. Adjustment on ride complaint or out-of-round is allowed only during the first 2/32" of the original tread depth.

(Please refer to the Adjustment Credit Percentage Table on page 5.)

The authorized Kumho or Marshal dealer will determine the adjustment cost by multiplying the percentage of the original usable tread worn, by the current Kumho or Marshal dealer's price list effective at the time of adjustment.

### WHAT IS NOT COVERED BY THE WARRANTY

- A. This limited warranty is applicable only in the United States, and any tires used or equipped on a vehicle registered or operated outside the United States are not covered by this warranty.
- B. Tires branded or marked Non-Adjustable (NA), or Blemished (Blem), or with DOT/serial numbers previously cut will not be adjusted.
- C. Any tire worn beyond the wear bars (less than 2/32" remaining tread).
- D. The cost of applicable taxes, mounting and balancing service and any other service charges.
- E. Tire damage or irregular wear due to:
  1. Road hazard, including puncture, cut, impact break, bulge, snap, stone drill, or collision.
  2. Continued use while run flat or under acute under-inflation.
  3. Improper use or operation, without limitation; improper inflation pressure; overloading; use of an improper rim; tire/wheel assembly imbalance or other vehicle condition; worn suspension components; improper mounting or demounting; misuse; misapplication; fire or other externally generated heat; water or other material trapped inside the tire during mounting; tire alteration; racing or competition purposes; and improper inserting of sealant, balance or filler materials.
  4. Improper repair, or with repairs not conforming to the Rubber Manufacturers Association (RMA) standards, or with section repairs, or with self-vulcanizing plug only.
  5. Failure to rotate the tire at least every 5,000 miles as evidenced by Kumho's Mileage Warranty/Tire Rotation Card, or vehicle misalignment.

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- 6. Uneven or rapid wear that is caused by mechanical irregularity in the vehicle such as misalignment (a measured tread difference of 2/32" or more across the tread on the same tire).
- F. Ozone or weather cracking on tires over four (4) years from the date of manufacture.
- G. Tires that have been recapped, retreaded, or regrooved.
- H. Ride disturbance (out-of-round, vibration, pulling, etc.) claims submitted after the first 2/32" of tread wear.
- I. Loss of time, or use, inconvenience, or any incidental or consequential damage.
- J. Tires that have been modified by the addition or removal of material or any tire intentionally altered to change its appearance.
- K. Tires' unserviceability caused by the tire operation in excess of tire/wheel manufacturer's specifications and recommendations.
- L. Tires that are misapplied due to insufficient speed rating, or undersized or oversized tires.
- M. Tires that have become unserviceable because of chemical corrosion, vandalism, chains and flat spotting.
- N. Tires involved in any racing-related activities.
- O. This limited warranty applies only to the original purchaser and is non-transferable.

## OWNER'S OBLIGATIONS

In order to be eligible for Kumho's limited warranty program, the owner must:

- A. Conform to all pertaining policies detailed herein.
- B. Present tire to any authorized Kumho dealer for inspection along with a copy of their original purchase receipt. Dealer will inspect tire in order to identify whether or not it qualifies for warranty based on the policies detailed herein.
- C. Pay the amount due on a new tire, less the amount of credit, including taxes, mounting and balancing charges and/or the cost of other services ordered.

To locate an authorized Kumho/Marshall dealer, use our web address [www.KumhoTireUSA.com/dealer](http://www.KumhoTireUSA.com/dealer) or call 1-800-HI-KUMHO (445-8646).

## OTHER RIGHTS

This limited warranty gives the owner of Kumho tires specific legal rights, and you may also have other rights, which vary from state to state.

## II. LIMITED TREAD WEAR WARRANTY

### FOR PASSENGER RADIAL TIRES

Pattern	Mileage Coverage
Ecsta 4X (KU22)	40,000 miles
Ecsta LX Platinum (KU27)	60,000 miles
Ecsta ASX (KU21)	30,000 miles
Ecsta PA31	50,000 miles
Solus KH16	60,000 miles
Solus KH20	50,000 miles
Solus KR21	85,000 miles
Sense (KR26)	40,000 miles

### FOR LIGHT TRUCK TIRES

Pattern	Mileage Coverage
Eco Solus KL21 (KL21)	60,000 miles
Road Venture APT (KL51)	60,000 miles

(P-metric and ISO metric sizes only)

- A. If tread has worn down to the tread wear indicators (2/32" tread depth) within 72 months from the date of purchase (or manufacture date), or does not deliver the warranted miles of normal passenger use, whichever comes first, Kumho Tire USA, Inc. will make an allowance for unused service toward a comparable new tire, pro-rated on warranted miles.
- B. The replacement allowance will be calculated by the percentage of the warranted miles not received, multiplied by the predetermined adjustment price of the tire at the time and place of the adjustment.

(Please refer to the Mileage Warranty Adjustment Table on page 6.)

- C. For original equipment tires on new vehicles, please see separate warranty in your vehicle's glove box.

### ELIGIBILITY FOR LIMITED TREAD WEAR WARRANTY

- A. To make a claim, the owner must present the original customer copy of Kumho's Mileage Warranty Card (pictured below), which records the date of purchase, name of purchaser, original mileage and identification of the vehicle, to an authorized Kumho dealer.

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## MILEAGE WARRANTY / TIRE ROTATION CARD

KUMHO TIRE<sup>7</sup> PATTERN: \_\_\_\_\_ MILEAGE COVERAGE: \_\_\_\_\_ N<sup>o</sup>

TIRE PURCHASED		STORE NAME	
Size	_____	STREET	_____
City	_____	CITY	_____
Date	_____	STATE	_____
Dealer Invoice #	_____	ZIP	_____

CAR MAKE	MODEL	YEAR	LIC. NO.
_____	_____	_____	_____

N <sup>o</sup>	N <sup>o</sup>	N <sup>o</sup>	N <sup>o</sup>	N <sup>o</sup>	
SERIAL NO.	_____	SERIAL NO.	_____	SERIAL NO.	_____
ODOMETER READING	_____	ODOMETER READING	_____	ODOMETER READING	_____
ON	ON	ON	ON	ON	ON
OFF	OFF	OFF	OFF	OFF	OFF
DATE	_____	DATE	_____	DATE	_____
ON	ON	ON	ON	ON	ON
OFF	OFF	OFF	OFF	OFF	OFF

- Ecsta ASX (KU21)
- Ecsta SPT (KU31)

that have been irreparably damaged due to a normal road hazard condition (e.g., irreparable cut, puncture, snag, bruise or impact break) within the first 2/32" of the original tread depth and within 12 months from the date of purchase, will be replaced free of charge with an equivalent Kumho tire. To be eligible, you must present your original invoice showing date of purchase.

### IV. NEW ON REAR/ROTATION RECOMMENDATION

- B. This limited tread wear warranty applies only to the original owner and is non-transferable.
- C. The owner shall pay the cost of mounting, balancing and other service charges or taxes.
- D. The owner must rotate the tires every 5,000 miles.
- E. The following are exclusions to the Limited Tread Wear Warranty:
1. Tires branded "NA," "Blem," etc.
  2. Tires exhibiting uneven or rapid wear that is caused by mechanical irregularity in the vehicle such as misalignment (a measured tread difference of 2/32" or more across the tread on the same tire).
  3. Tires worn out or damaged due to improper inflation, improper mounting, uneven wear, overloading or off-road driving, run flat or racing, accident, fire or chemicals, use on RV or commercial vehicle, vandalism or gross abuse, defective mechanical condition of vehicle, road hazard damage (puncture, cut, impact break, etc.) or lack of tire rotation.
  4. Original equipment tires on new vehicles.
- F. For staggered/split fitments' applications (different size tires on the front and rear axles) Kumho Tire will cover half the number of miles of the standard mileage warranty since these tires cannot be rotated as recommended by Kumho.
- A. Replacement of two tires: Kumho Tire recommends replacing all four tires at the same time. However, when only two tires are replaced, the new tires should be put on the rear. The newer tires, with deeper tread, may provide better grip and water evacuation in wet driving conditions.
- B. Tire rotations: Owners must continue to rotate tires in accordance with their vehicle owner's manual or every 5,000 miles. Side-to-side rotation on "new on rear; two-tire replacement" fitments will be acceptable.

### V. REPLACEMENT WARRANTY

If you receive a replacement tire under this warranty, it will be covered by the manufacturer's warranty and the supplemental limited mileage warranty that Kumho Tire USA, Inc. then gives on that tire.

**THIS IS THE ONLY EXPRESS WARRANTY GIVEN BY KUMHO APPLICABLE TO KUMHO/MARSHAL REPLACEMENT TIRES. KUMHO DOES NOT MAKE ANY OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

**KUMHO DOES NOT AUTHORIZE ANY OTHER PERSONS, INCLUDING AUTHORIZED DEALERS, TO CHANGE THIS WARRANTY OR CREATE ANY OTHER OBLIGATION IN CONNECTION WITH KUMHO/MARSHAL TIRES. KUMHO WILL NOT DO ANYTHING OTHER THAN WHAT IS STATED IN THIS WARRANTY IF A DEFECT IS FOUND TO EXIST IN A KUMHO/MARSHAL REPLACEMENT RADIAL TIRE. ALL OTHER REMEDIES ARE EXCLUDED, INCLUDING ANY OBLIGATION OR LIABILITY ON THE PART OF KUMHO FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES (SUCH AS LOSS OF USE OF CAR, LOSS OF TIME OR INCONVENIENCE) ARISING OUT OF A DEFECT.**

**THE REMEDIES SET FORTH IN THIS LIMITED WARRANTY ARE THE SOLE AND EXCLUSIVE REMEDIES FOR BREACH OF WARRANTY. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE.**

### III. ROAD HAZARD PROTECTION

The following tires:

- Solus KR21
- Ecsta 4X (KU22)
- Ecsta LE Sport (KU39)
- Ecsta LX Platinum (KU27)

# REPLACEMENT EQUIPMENT WARRANTY POLICIES

## SAFETY WARNINGS

Property damage, serious personal injury or death may result if any of the following safety precautions/recommendations are not followed:

**Driving on any underinflated tire is dangerous and may result in sudden tire destruction caused by excessive heat buildup. For replacement tires, your tire retailer should provide you with the proper inflation pressure. Otherwise, follow the air pressure recommendation found within your vehicle's owner's manual or tire placard in your vehicle. If your replacement tire size is different from the original equipment tire size, ask your tire retailer for a revised air pressure recommendation guide in order to adequately support your vehicle's gross vehicle weight rating (GVWR). In case of an improperly repaired tire, it may be unreliable or cause further damage to the tire. A thorough inspection and repair of your tire should be made in accordance with Rubber Manufacturers Association (RMA) procedures and be serviced by a qualified tire service professional.**

- Check the cold inflation pressure in all of your tires, including the spare tire, at least once every week and always prior to long distance trips. Failure to maintain the proper air inflation pressure may result in improper vehicle handling, and may cause rapid and irregular tire wear, reduction in tire durability, loss of vehicle control, or sudden tire failure that may lead to property damage, serious personal injury or death.
- Use an accurate tire gauge to check tire air pressures. Always maintain the proper recommended air inflation pressure in all tires. If there is an indication that one of your tires has lost four or more pounds of air pressure, immediately look for signs of penetration through the tire, valve leaks or wheel damage that may account for the air loss. You should also have your tires inspected by a tire retailer immediately.
- Air pressure should be checked when tires are cold (before they have been driven), ideally in the early morning. Driving, regardless of distance, causes tires to heat up and simultaneously increases air pressure.
- Never exceed the maximum inflation pressure for the tire.
- Never bleed air from hot tires as this may result in under-inflation.
- If for any reason a tire is repaired, retreaded, damaged, abused or otherwise altered from its original manufactured condition, the tire's designated speed rating is void and should be treated as a non-speed rated tire.

**Inspect your tires daily. If you notice any damage to your tires or wheels, replace them with a spare and immediately visit any tire retailer for advice. Driving over potholes, curbs, wood debris, metal, etc., can damage a tire and should be safely avoided. Contact with such hazards requires an immediate and thorough tire inspection by your tire retailer.**

- Always examine your tires for penetrations, bulges, cracks, cuts and abnormal wear — particularly at the tire edges — which may be caused, for example, by vehicle misalignment or tire underinflation. Failure to properly control a vehicle when one or more tires are underinflated may result in an accident. Use of a damaged tire may result in rapid air loss, including sudden tire failure.
- An explosion of the tire/rim assembly may occur due to improper mounting. Only specially trained persons should mount tires.

**Failure to store tires in accordance with the following recommendations may result in damage to your tires, reduction in tire durability, or sudden tire failure:**

- Tires should always be stored in a cool, dry, clean, indoor environment. Tires contain waxes and emollients to protect their outer surfaces from ozone and weather cracking. As the tire rolls and flexes, the waxes and emollients continually migrate to the tire's surface, replenishing this protection throughout the normal and proper use of the tire. However, when tires sit outdoors and are unused for an extended period of time, the tire surface becomes dry, the tire may be susceptible to ozone and weather cracking, and the casing becomes susceptible to flat spotting.
- Surfaces on which tires are stored must be free from grease, gasoline and other substances that could deteriorate the rubber.
- You should have a qualified technician check all tires when the Kumho Tire USA, Inc. warranty policy period has lapsed, even if damage is not obvious.

**Do not overload your tires. Driving on any overloaded tire is extremely dangerous and may result in an accident causing property damage, serious personal injury or death.**

- The maximum load rating marked on the sidewall of any tire is based on the maximum speed of operation. Tires that are loaded beyond their maximum allowable loads for a particular application will generate increased and excessive heat that may cause sudden tire failure leading to property damage, serious personal injury or death.

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All specifications shown in this catalog cancel, supersede and replace those shown on prior-dated catalogs and are subject to change without notice. Weights shown in this catalog are approximate and subject to change. Actual weights will be used at the time of shipment.

# WARRANTY POLICIES

## Adjustment Credit Percentage Percentage Kumho Tire pays based on remaining tread depth

RTD (Remaining Tread Depth)*	OTD (Original Tread Depth)*																									
	8/32	9/32	10/32	11/32	12/32	13/32	14/32	15/32	16/32	17/32	18/32	19/32	20/32	21/32	22/32	23/32	24/32	25/32	26/32	27/32	28/32	29/32	30/32	31/32	32/32	
2/32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3/32	17	14	13	11	10	9	8	8	7	7	6	6	6	5	5	5	5	4	4	4	4	4	4	4	3	3
4/32	33	29	25	22	20	18	17	15	14	13	13	12	11	11	10	10	9	9	8	8	8	7	7	7	7	7
5/32	50	43	38	33	30	27	25	23	21	20	19	18	17	16	15	14	14	13	13	12	12	11	11	10	10	10
6/32	100	57	50	44	40	36	33	31	29	27	25	24	22	21	20	19	18	17	17	16	15	15	14	14	13	13
7/32	100	100	63	56	50	45	42	38	36	33	31	29	28	26	25	24	23	22	21	20	19	19	18	17	17	17
8/32	100	100	100	67	60	55	50	46	43	40	38	35	33	32	30	29	27	26	25	24	23	22	21	21	20	20
9/32		100	100	100	70	64	58	54	50	47	44	41	39	37	35	33	32	30	29	28	27	26	25	24	23	23
10/32			100	100	100	73	67	62	57	53	50	47	44	42	40	38	36	35	33	32	31	30	29	28	27	27
11/32				100	100	100	75	69	64	60	56	53	50	47	45	43	41	39	38	36	35	33	32	31	30	30
12/32					100	100	100	77	71	67	63	59	56	53	50	48	45	43	42	40	38	37	36	34	33	33
13/32						100	100	100	79	73	69	65	61	58	55	52	50	48	46	44	42	41	39	38	37	37
14/32							100	100	100	80	75	71	67	63	60	57	55	52	50	48	46	44	43	41	40	40
15/32								100	100	100	81	76	72	68	65	62	59	57	54	52	50	48	46	45	43	43
16/32									100	100	100	82	78	74	70	67	64	61	58	56	54	52	50	48	47	47
17/32										100	100	100	83	79	75	71	68	65	63	60	58	56	54	52	50	50
18/32											100	100	100	84	80	76	73	70	67	64	62	59	57	55	53	53
19/32												100	100	100	85	81	77	74	71	68	65	63	61	59	57	57
20/32													100	100	100	86	82	78	75	72	69	67	64	62	60	60
21/32														100	100	100	86	83	79	76	73	70	68	66	63	63
22/32															100	100	100	87	83	80	77	74	71	69	67	67
23/32																100	100	100	88	84	81	78	75	72	70	70
24/32																	100	100	100	88	85	81	79	76	73	73
25/32																		100	100	100	88	85	82	79	77	77
26/32																			100	100	100	89	86	83	80	80
27/32																				100	100	100	89	86	83	83
28/32																					100	100	100	90	87	87
29/32																						100	100	100	90	90
30/32																							100	100	100	100
31/32																								100	100	100
32/32																									100	100

\*Measurements are in inches.

# WARRANTY POLICIES

## Mileage Warranty Adjustment Percentage Kumho Tire pays per original warranty mileage

Mileage up to	15k	20k	30k	40k	50k	60k	85k	Mileage up to	15k	20k	30k	40k	50k	60k	85k	Mileage up to	15k	20k	30k	40k	50k	60k	85k
1,000	93%	95%	97%	98%	98%	98%	99%	35,000				13%	30%	42%	59%	69,000							19%
2,000	87%	90%	93%	95%	96%	97%	98%	36,000				10%	28%	40%	58%	70,000							18%
3,000	80%	85%	90%	93%	94%	95%	96%	37,000				8%	26%	38%	56%	71,000							16%
4,000	73%	80%	87%	90%	92%	93%	95%	38,000				5%	24%	37%	55%	72,000							15%
5,000	67%	75%	83%	88%	90%	92%	94%	39,000				3%	22%	35%	54%	73,000							14%
6,000	60%	70%	80%	85%	88%	90%	93%	40,000				0%	20%	33%	53%	74,000							13%
7,000	53%	65%	77%	83%	86%	88%	92%	41,000				18%	32%	52%		75,000							12%
8,000	47%	60%	73%	80%	84%	87%	91%	42,000				16%	30%	51%		76,000							11%
9,000	40%	55%	70%	78%	82%	85%	89%	43,000				14%	28%	49%		77,000							9%
10,000	33%	50%	67%	75%	80%	83%	88%	44,000				12%	27%	48%		78,000							8%
11,000	27%	45%	63%	73%	78%	82%	87%	45,000				10%	25%	47%		79,000							7%
12,000	20%	40%	60%	70%	76%	80%	86%	46,000				8%	23%	46%		80,000							6%
13,000	13%	35%	57%	68%	74%	78%	85%	47,000				6%	22%	45%		81,000							5%
14,000	7%	30%	53%	65%	72%	77%	84%	48,000				4%	20%	44%		82,000							4%
15,000	0%	25%	50%	63%	70%	75%	82%	49,000				2%	18%	42%		83,000							2%
16,000		20%	47%	60%	68%	73%	81%	50,000				0%	17%	41%		84,000							1%
17,000		15%	43%	58%	66%	72%	80%	51,000					15%	40%		85,000							0%
18,000		10%	40%	55%	64%	70%	79%	52,000					13%	39%		86,000							
19,000		5%	37%	53%	62%	68%	78%	53,000					12%	38%		87,000							
20,000		0%	33%	50%	60%	67%	76%	54,000					10%	36%		88,000							
21,000			30%	48%	58%	65%	75%	55,000					8%	35%		89,000							
22,000			27%	45%	56%	63%	74%	56,000					7%	34%		90,000							
23,000			23%	43%	54%	62%	73%	57,000					5%	33%		91,000							
24,000			20%	40%	52%	60%	72%	58,000					3%	32%		92,000							
25,000			17%	38%	50%	58%	71%	59,000					2%	31%		93,000							
26,000			13%	35%	48%	57%	69%	60,000					0%	29%		94,000							
27,000			10%	33%	46%	55%	68%	61,000						28%		95,000							
28,000			7%	30%	44%	53%	67%	62,000						27%		96,000							
29,000			3%	28%	42%	52%	66%	63,000						26%		97,000							
30,000			0%	25%	40%	50%	65%	64,000						25%		98,000							
31,000				23%	38%	48%	64%	65,000						24%		99,000							
32,000				20%	36%	47%	62%	66,000						22%		100,000							
33,000				18%	34%	45%	61%	67,000						21%									
34,000				15%	32%	43%	60%	68,000						20%									