

USE NHTSA'S SAFETY RECALL PORTAL – THERE WILL BE A TEMPLATE ON THE PORTAL

Re: Report of Voluntary Recall

Dear Administrator,

Pursuant to 49 CFR § 573.6, Royal Enfield North America hereby advises NHTSA that its parent company, Royal Enfield (A Unit of Eicher Motors Ltd.), has determined to conduct a voluntary safety recall campaign in the United States covering certain models of motorcycles - Royal Enfield North America has received no reports of the potential defect occurring in the United States and currently believes that the conditions that led to the potential defect in foreign countries are not present to the same extent in the United States. However, we have decided to move forward with this voluntary recall in the interest of our customers and the unlikely event this may occur in the United States

THIS IS THE INFORMATION YOU'LL NEED TO PROVIDE IN THE PART 573 SAFETY RECALL TEMPLATE:

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1. Manufacturer's Name: Royal Enfield (A Unit of Eicher Motors Ltd.)

 Manufacturer's Agent: ROYAL ENFIELD of North America
 Royal Enfield North America
 226 N. Water St., Milwaukee WI, 53202

2. Identification of Potentially Affected Vehicles:
 Model: Dates of Manufacture:
 Himalayan March 2017 - February 2021

 Component at Issue: Front and Rear Calipers
 Manufacturer: Brembo Brake India PVT / LTD Chakan Company,
 10 Gaye NO 307, Village, Nanekarwadi,
 Chakan Maharashtra, 410501

The recall population was determined based on the usage of the specific component at issue.

3. Total Number of Vehicles Potentially Affected: 4,891 motorcycles SOLD IN NORTH AMERICA

4. The percentage of vehicles or items of equipment specified pursuant to paragraph (c)(2) of this section estimated to actually contain the defect or noncompliance – less than 0.01%

5. Description of potential defect:
When the motorcycles within the population at issue are used on roads on which a large quantity of salt has been applied during the winter for melting ice, and if brake calipers are not cleaned thereafter, corrosion of the brake calipers can occur which can cause the brakes to drag or braking performance could be affected or become ineffective.

The potential defect may cause unusual and/or increased brake noise when applying brakes, an unusual odor/burning smell near the calipers, a drag feeling when attempting to accelerate, or unusual difficulty in pushing the motorcycle manually. If these warning conditions are not heeded, braking performance could be affected or become ineffective, increasing the risk of a vehicle crash.

6. Royal Enfield made the determination to conduct the voluntary safety recall.
1. Below mentioned motorcycle customer reported for front wheel dragging / locking phenomenon while riding their motorcycle. (This incident was in the UK)
 - a. Case 1 : Himalayan reported on 11th Mar'20 at 2,000 Miles
 2. Steps taken by Royal Enfield after the reported events.
 - a. Analysis and discussion with safety office, QA, etc., with dates
 - b. **Root Cause:** Joint analysis with Bosch (ABS system supplier) and Brembo (brake caliper supplier) was performed on the affected part.
 - c. It was concluded that when motorcycles are used on roads on which a large quantity of salt has been applied during the winter for melting ice, and if brake calipers are not cleaned thereafter, corrosion of the brake calipers can occur which can cause the brakes to drag or become ineffective.
 - d. Even though feedback was received only from the UK, Brake Caliper manufacturer Brembo, advised that this phenomenon may occur in other countries where salt is used in winter such as the US, other European Countries and South Korea.
 - e. Brembo has recommended using anodized calipers to combat this corrosion for the countries using salt to melt ice on the roads.
 3. **Corrective Action:** To ensure there is no major damage, RE is voluntarily recalling all the motorcycles supplied in these countries.

4. **Recall:** Replace Front and Rear calipers with Anodized Calipers for all motorcycles fitted with non-anodized calipers for the EU, UK, Korea, Japan and USA.

7. Noncompliance – doesn't apply

8. Program for Remediating Defect:
Royal Enfield, through its authorized dealers, is offering owners of potentially affected motorcycles the complete replacement of the current non-anodized brake calipers (front and rear) with anodized calipers (front and rear)
 - a. Royal Enfield of North America will begin notifying its dealer network regarding the recall through email/dealer communication the week of February 27th, 2023
 - b. Royal Enfield of North America will begin notifying the affected customers regarding the recall through mail. The customer communication will be sent out starting the week of March 31st, 2023

Sincerely,

Royal Enfield North America
