

Rocky Mountaineer

SilverLeaf Service rail car rebuild

Alstom Services helps customers extend the lives of rail cars and minimize operational costs, saving considerable time and money. Rocky Mountaineer chose Alstom to increase the capacity of its SilverLeaf Service fleet by converting traditional passenger coaches into more luxurious coaches.



SilverLeaf Service coaches in the Rockies

KEY BENEFITS

Increased capacity and rail car life extension

A complete rebuild of 60 year-old rail cars, down to the frame and trucks, **will extend the lifetime of the cars by at least 10 years.** By refurbishing, rebuilding and replacing interior and exterior rail car components, Rocky Mountaineer is adding more than **300 additional new seats** to its SilverLeaf Service capacity.

Minimized operational costs

Installing side skirt panels on hinges allows for easier access to undercar equipment for quicker maintenance. New systems (heating, ventilation, air conditioning) in passenger areas increase guest comfort.

Guest experience

New flat and curved windows on the rebuilt cars give guests a **167% larger viewing area** than the former RedLeaf Service cars.

Country.....

Canada

Context.....

Rocky Mountaineer is a luxury tourist train that operates rail routes, between the months of April and October, in the Pacific Northwest and Western Canada. Over the past 26 years, Rocky Mountaineer has grown to become the largest privately owned luxury tourist train company in the world and has welcomed over 1.7 million guests from all corners of the globe.

In 2014, Rocky Mountaineer launched a rebuild strategy to meet the need for an increase in capacity of its SilverLeaf Service fleet and elected to completely rebuild and convert its former RedLeaf Service cars into single level coaches for its SilverLeaf service. In 2016, Rocky Mountaineer confirmed that Alstom would rebuild two additional cars for its SilverLeaf Service fleet, bringing the total number of rebuilt cars, after project completion, to six.

Solution.....

Alstom responded to the customer’s request with a sound competitive technical and performance offer. Modernizing the existing rail cars, originally built in 1954, represents 60% of the cost of a new car.

The scope of work to rebuild the RedLeaf Service cars into SilverLeaf Service cars included a complete overhaul and conversion of the cars, including concept and design, interior and industrial design engineering, mechanical, electrical, and rail testing, as well as commissioning. Alstom’s western service centre, located on the Mare Island peninsula in California, performed the work.

Pulled by locomotives, the renovated coaches delight passengers travelling between cities such as Seattle (WA), Vancouver (BC), Banff and Jasper (AB).

Improving and giving a second life to existing assets

KEY BENEFITS

| | |
|---------------------|--|
| Type of vehicle | 3200 series, 1954-1955 |
| Manufacturer | Canadian Car & Foundry |
| Contract | 2014 |
| Order | 4 + 2 SilverLeaf Service car conversions |
| Capacity | 300+ additional double seats, with leather enhancements, spaced to allow 180° rotation |
| Window viewing area | <ul style="list-style-type: none"> Rebuilt cars have larger, flat side windows (17) Curved dome windows down both sides of the car provide an unobstructed view of the passing scenery. The total window viewing area is increased by 167%. |
| Galley | Rebuilt galley with refrigeration systems, cabinets, countertops, coffeemaker, oven, microwave and dishwasher. |



A train near Exshaw, Alberta



For more information
please contact Alstom:

Alstom
48, rue Albert Dhahenne
93842 Saint-Ouen, Cedex France

Phone: +33 1 57 06 90 00

Visit us online: www.alstom.com